

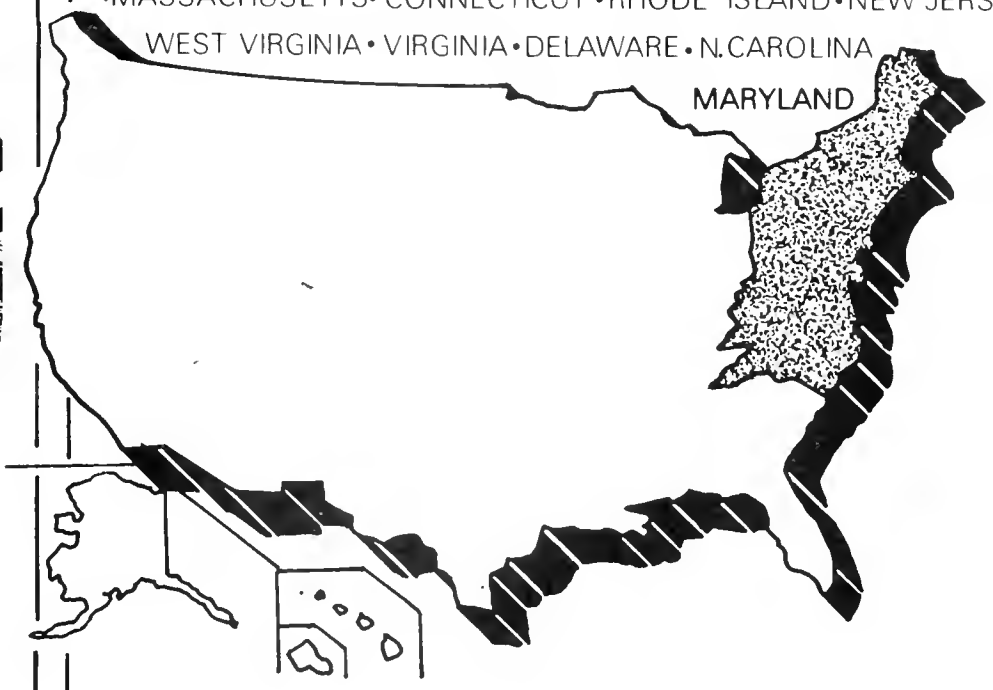
DIRECTORY OF ENVIRONMENTAL LIFE SCIENTISTS

Volume VII

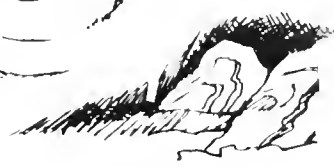
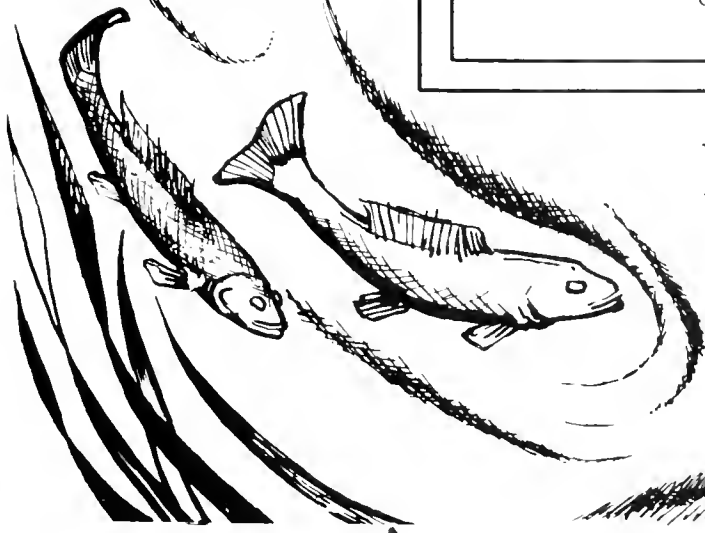
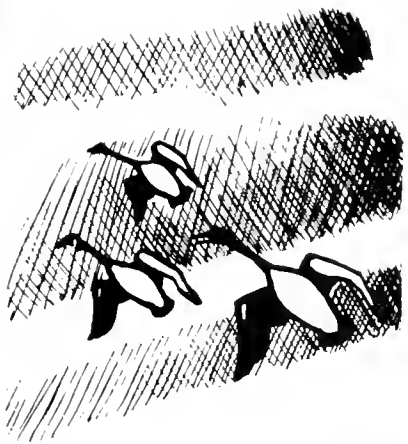
NORTH ATLANTIC REGION

MAINE • VERMONT • NEW HAMPSHIRE • NEW YORK • PENNSYLVANIA
• MASSACHUSETTS • CONNECTICUT • RHODE ISLAND • NEW JERSEY
WEST VIRGINIA • VIRGINIA • DELAWARE • N. CAROLINA

MARYLAND



PREPARED BY THE INSTITUTE OF ECOLOGY (TIE) FOR THE
U. S. ARMY CORPS OF ENGINEERS



DIRECTORY OF ENVIRONMENTAL LIFE SCIENTISTS

VOLUME 1 NORTH PACIFIC REGION

VOLUME 2 SOUTH PACIFIC REGION

VOLUME 3 MISSOURI RIVER REGION

VOLUME 4 SOUTHWEST REGION

VOLUME 5 NORTHCENTRAL REGION

VOLUME 6 LOWER MISSISSIPPI REGION

VOLUME 7 NORTH ATLANTIC REGION

VOLUME 8 OHIO RIVER VALLEY REGION

VOLUME 9 SOUTH ATLANTIC REGION

DAEN-CWP-V

Pamphlet
No. 1105-2-3

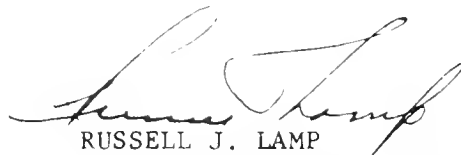
2 September 1974

Planning
DIRECTORY OF ENVIRONMENTAL LIFE SCIENTISTS

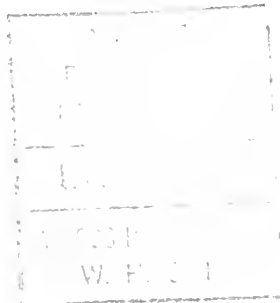
1. Purpose. This pamphlet (9 volumes) provides a Directory of Environmental Life Scientists for engineers, biologists and resource managers.
2. Applicability. This pamphlet applies to all OCE elements and all field operating agencies engaged in environmental studies and activities.
3. General. a. This directory is provided to link the engineer, biologist and resource planner with environmental scientists. By providing user groups with information about skills and interests of scientists, it will increase the applications of scientific knowledge.

b. The Institute of Ecology's Advisory Committee on Scientific Resources compiled the information, designed the format and prepared the directory under contract with the U. S. Army Corps of Engineers.
4. Availability. A limited one-time distribution will be made to the Corps of Engineers; no additional copies available from CE sources. Copies may be obtained from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C., 20402.

FOR THE CHIEF OF ENGINEERS:



RUSSELL J. LAMP
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Executive



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DIRECTORY OF ENVIRONMENTAL LIFE SCIENTISTS

VOLUME 7

NORTH ATLANTIC REGION

Connecticut, Delaware, District of Columbia, Maine, Maryland,
Massachusetts, New Hampshire, New Jersey, New York, North Carolina,
Pennsylvania, Rhode Island, Vermont, Virginia and West Virginia

Prepared by The Institute of Ecology (TIE)
for the
U. S. Army Corps of Engineers

September 1974

Washington, D.C.

USING THE DIRECTORY

The Directory may be used for:

- 1) Locating a scientist within a region of the USA.
Use Section I, Tables 1-5.
- 2) Locating a scientist outside of the USA.
Use Section II, Tables 1-5.
- 3) Locating a consulting group anywhere.
Use Section III.

To locate scientists in states not included in this region, use other directory volumes.

SECTION I, this region's directory is composed of five tables:

Table 1: Respondents (alphabetical listing).

Table 2: Index by competence in ecosystem management.

Table 3: Index by keywords.

Table 4: Index by impact assessment experience.

Table 5: Index by scientific field and geographic familiarity.

SECTION II, the international directory is composed of five tables identical to those in Section I.

SECTION III, lists consulting groups and associations in alphabetical order. No indices are provided for Section III.

Most searches will begin with one of the index tables in order to locate several individuals who meet the user's criteria. Selection among these individuals is best made by using the basic data about each respondent contained in Table 1. The chart on the facing page will help decide which index table should be used.

For further information regarding corrections, address changes or inquiries about the data contained in this volume should be submitted to:

Dr. Arthur D. Hasler
Director
The Institute of Ecology
608 N. Park Street
Madison, WI 53706

PHONE: 608: 262-2840

CONTENT AND BEST USE OF TABLE 1 AND CROSS REFERENCE TABLES

EXAMPLES OF TYPICAL
SEARCH VARIABLES:

BEST USED WHEN KEY
SEARCH VARIABLE IS:

TABLE 1. CONTENTS

	Best Used When Key Search Variable Is:	Examples of Typical Search Variables:
1.	<p>Personal data</p> <p>Address</p> <p>Phone Number</p> <p>Principal field</p> <p>Scientific competence</p> <p>Employment/Consulting Experience</p> <p>Research/Consulting Experience</p> <p>Interest in working with specific kinds of groups</p> <p>Impact Assessment Experience</p> <p>Geographic familiarity</p> <p>Availability</p>	<p>Name</p> <p>State government</p> <p>Conservation group</p> <p>Civic Action Group</p> <p>United Nations</p> <p>AEC, DOT, AID, HUD</p> <p>Asian</p> <p>South American</p> <p>Canadian</p>
2.	<p>Competence in Ecosystem Management</p>	<p>Pollution (air, water, thermal)</p> <p>Waste recycling</p> <p>Grassland, Tundra, Desert</p> <p>Marine, intertidal</p> <p>Coastal marshland</p>
3.	<p>Keyword index on Research and consulting experience and principal field</p>	<p>Ecosystem type, either: natural or managed</p> <p>Pollutant</p> <p>Ecosystem process</p> <p>Specific: location project species topic chemical research</p>
4.	<p>Impact Assessment Experience</p>	<p>Red River, Grand Tetons</p> <p>salmon, sheep, algae</p> <p>planning process</p> <p>baseline data</p> <p>Miami Harbor, Lake Erie</p> <p>Water supply, Energy conversion</p> <p>canals/channels, shoreline protection, highways, airports</p>
5.	<p>Scientific field and Geographic familiarity</p>	<p>Animal ecology, Biochemistry</p> <p>Forestry, Marine Biology</p> <p>Systems Analysis</p> <p>Water resources management</p>

TABLE OF CONTENTS

	<u>Page</u>
Using the Directory	iii
Introduction	vi
Purpose of the Directory	vi
The Data Base	vi
Composition of Regional Directories	vii
Organization of the Directory	ix
Section I - Organization of Regional Data	ix
Table 1 - Respondents (Alphabetical Listing)	ix
Cross-Reference Tables	ix
Table 2 - Competence in Ecosystem Management	ix
Table 3 - Research or Consultative Experience	x
Table 4 - Impact Assessment Experience	x
Table 5 - Competence (by Geographical Familiarity)	x
Use of the Cross-Reference Tables.	xi
Section II - Respondents from Other Nations	xi
Section III - Organized Groups, Private Firms or Scientific Teams	xi
Contents of Directory	
Section I - Regional Data	I-1
Section II - Respondents from Other Nations	II-1
Section III - Organized Groups, Firms or Teams	III-1
Section IV - Background and Methodology	IV-1

INTRODUCTION

This Directory is the product of a collaborative effort between

- . The Office of the Chief of Engineers, U. S. Army
Corps of Engineers (OCE)
- . The Institute of Ecology (TIE)
- . The Environmental Information Systems Office
Oak Ridge National Laboratory (EISO)

It is based upon a survey of environmental life scientists, primarily located in universities, which was conducted in the winter of 1972-73. The survey was specifically undertaken to identify scientists interested in providing consultation to U. S. Army Corps of Engineers offices in need of ecological advice.

PURPOSE OF THE DIRECTORY

The purpose in publishing this directory is to help link environmental scientists to Corps of Engineers personnel. By providing the Corps of Engineers with information about skills and interests of scientists, it will increase the applications of scientific knowledge. The 10,000 scientists who responded to the survey understood this purpose. They have provided information about themselves and their work to assist user groups in contacting them.

THE DATA BASE

This Directory, which is a product of a contract between the Office of the Chief of Engineers and The Institute of Ecology, represents a part of a very large data base concerning 10,000 life scientists. These data were collected by a survey questionnaire (shown in Section IV, at the back of the Directory) early in 1973. In order to use this Directory, it is helpful to know several facts concerning the relation of this directory to the data base and the survey:

- 1) About 40,000 survey forms were distributed to the mailing lists of scientific societies and about 10,000 were returned.
- 2) Forty percent of the respondents indicated their interest in working with the Corps of Engineers or all U. S. Federal Agencies, and only these individuals have been included in this directory.
- 3) All survey information received has been placed on computer tape, in the respondent's own words. Only 50% of the survey data, considered most useful to the Corps of Engineers in identifying and acquiring environmental expertise, has been included in this directory.

VOLUME	1	2	3	4	5	6	7	8	9
	North Pacific	South Pacific	Missouri Valley	Southwest	North Central	Lower Mississippi	North Atlantic	Ohio River Valley	South Atlantic
Alabama								X	X
Alaska	X								
Arizona		X		X					
Arkansas				X		X			
California	X	X							
Canal Zone									X
Colorado		X	X	X					
Connecticut							X		
Delaware							X		
District of Columbia							X	X	X
Florida									X
Georgia								X	X
Guam		X							
Hawaii		X							
Idaho	X	X	X						
Illinois					X	X		X	
Indiana					X			X	
Iowa			X		X				
Kansas			X	X					
Kentucky						X		X	
Louisiana				X		X			X
Maine							X		
Maryland							X		
Massachusetts							X		
Michigan					X			X	
Minnesota			X		X				
Mississippi						X			X
Missouri			X	X	X	X			

FIGURE . COMPOSITION OF REGIONAL DIRECTORIES

VOLUME	1	2	3	4	5	6	7	8	9
	North Pacific	South Pacific	Missouri Valley	Southwest	North Central	Lower Mississippi	North Atlantic	Ohio River Valley	South Atlantic
Montana	X	X	X						
Nebraska			X						
Nevada	X	X							
New Hampshire							X		
New Jersey							X		
New Mexico		X		X					
New York					X		X		
North Carolina							X	X	X
North Dakota			X		X				
Ohio					X			X	
Oklahoma				X					
Oregon	X	X							
Pennsylvania					X		X	X	
Puerto Rico									X
Rhode Island							X		
South Carolina									X
South Dakota			X		X				
Tennessee						X		X	X
Texas				X		X			
Utah		X		X					
Vermont							X		
Virginia							X		X
Virgin Islands									X
Washington	X	X							
West Virginia							X	X	
Wisconsin			X		X				
Wyoming	X	X	X						

FIGURE 1. (Continued) COMPOSITION OF REGIONAL DIRECTORIES

ORGANIZATION OF THE DIRECTORY

Each volume is divided into three sections. Section I contains five tables: an alphabetized listing of scientists and four cross-reference tables. Section I describes only the scientists within one region.

Section II contains data about 150 scientists who are citizens of other nations. Section II contains five tables also.

Section III contains data about 175 organizations that wished to be included in this directory.

In the following discussion, the regional data (Section I) will be first described, followed by comments on Sections II and III which provide uniform information in all of the regional volumes.

SECTION I - ORGANIZATION OF REGIONAL DATA

The largest amount of data in each directory volume consists of five tables describing the individuals who are located in the states of that region. Figure 1, Composition of Regional Directories, shows states which are included in each of the nine regional volumes.

Table 1 - Respondents (Alphabetical Listing)

This is the largest of the five tables and the most detailed. It contains sixteen data elements which describe the respondent. The listing is in alphabetical order for all respondents within that region to facilitate use of the cross-reference tables.

The last data element in Table 1 is the information provided by the respondent which indicates the number of days (per month) that the respondent estimates he/she would be able to work in 1973. Separate entries are shown for the academic year and summer, coded A (Academic year) and S (summer).

Cross-Reference Tables

Tables 2 through 5 are cross-reference tables designed to facilitate the location of a scientist who best meets the needs of the Corps of Engineers. Depending upon the nature of the problem that is being addressed, one or another of these tables provides the best starting point to begin to locate the scientist.

Table 2 - Competence in Ecosystem Management

Table 2 gives the respondent's competence in ecosystem analysis, and present location (state), and is best used as an entry to the directory when the type of managed or natural system, pollutant or process is of prime importance to the user. The table provides only the names of respondents who have indicated their highest competence with reference to the topics mentioned.

Table 3 - Research or consultative Experience and Principal Field

Table 3 is a comprehensive "key word" index based upon the respondent's own words in the questionnaire. This table provides a method for identifying individuals who have familiarity with specific locations, species, chemicals, projects or research efforts.

Table 3 was constructed in the following manner. Each of the sentences or phrases used by the respondent were linked together by a compilation program. Another computer program then prepared a permuted index of all words exclusive of prepositions. On the average, about twelve key words were indexed for each respondent in this manner, thereby compiling an extensive cross-reference table listed alphabetically by key word.

The number to the right of each line in Table 3, indicates each respondent's unique identification number, which is listed before his summary in Table 1. This number serves as reference to Table 1's data.

Table 4 - Impact Assessment Experience

This table gives information about the respondent's experience with regard to environmental impact assessments. In many ways the table is similar to Table 2, and serves to identify those individuals in each state with specific environmental impact experience. Coverage is given in every volume for 27 topics.

Table 5 - Competence (by Geographic Familiarity)

This table provides a reference source for searches which are directed to a particular field, or scientific discipline. In this table the disciplines are arrayed together with information about the respondent's past and present location. The geographic information here differs from that shown in Tables 2 and 4, which show only the respondent's present location.

In this table, the respondent is listed as many times as the number of different regions he has visited, including his present location. It is particularly useful when the user is looking for a consultant competent in a particular discipline who also has familiarity with a given geographic region. The table also indicates the number of years that the individual has worked or resided in a given region or continent. Note that these regions are not identical with the nine regions of this directory, but represent more general geographic areas.

Use of the Cross-Reference Tables

In summary, the basic listing (Table 1) and four reference tables may be used individually but are more often used in conjunction with one another, depending upon which are the key "search variables" for the user. The following short decision rules may be helpful:

<u>Table 1 is used when:</u>	the individual's name is known.
<u>Table 2 is useful</u>	when an ecosystem or pollutant is key variables
<u>Table 3 is useful</u>	when a key word, species, project, research topic or particular place is important.
<u>Table 4 is useful</u>	when environmental impact experience is important.
<u>Table 5 is useful</u>	when discipline or geographic familiarity is important (rather than present location).

SECTION II - RESPONDENTS FROM OTHER NATIONS

This section in each regional directory volume is identical in all volumes. Approximately eight percent of the total responses to the survey were submitted by persons located outside of the USA, with about half of these being submitted by Canadians. Since the regional organization of the nine volumes is not compatible with resource persons outside of the USA, it was decided to include these individuals in each volume of the directory, provided that they met the internal criteria for inclusion in this publication. (Interest in working with the Corps of Engineers or all Federal agencies).

The international section of each directory is organized in the same manner as the regional data with a basic listing and four reference tables. A few U. S. scientists are included in this section because of temporary location outside of the USA, residence in U. S. territories or through the respondent's failure to indicate a complete USA address.

SECTION III - ORGANIZED GROUPS, PRIVATE FIRMS OR SCIENTIFIC TEAMS

The TIE survey was primarily directed to individual life scientists located in academic institutions. It became apparent that there were a number of organized groups, whose members had responded to the survey, which could be help as organized groups. The characteristics of such groups could not be expressed in a survey designed for individuals. Since the capacities of such groups were also of interest to TIE and OCE, a supplementary questionnaire was designed and circulated to individuals who indicated that they were associated with such groups. From these responses, a table abstract was prepared, and all these data are included in Section III of each directory volume. Note, that individuals within such groups are accessible through the reference tables in Section I but these tables do not show any data about the group.

SECTION I

REGIONAL DATA

Table 1: Respondents (Alphabetical Listing)	I-1a
Table 2: Index by Competence in Ecosystem Management	I-221
Table 3: Index by Keywords	I-260
Table 4: Index by Impact Assessment Experience	I-380
Table 5: Index by Scientific Field and Geographic Familiarity	I-420

SECTION I

TABLE 1

RESPONDENTS (Alphabetical Listing)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<1>
Aaronsor, Shelton, 1922, PhD, 1953, Microbiology,
212-539-3442
Department of Biology; Queens College;
Flushing, NY 11367, US

COMPETENCE: Aquatic Ecology(2); Bacteriology(2);
Biochemistry(1); Environmental Pollution(3);
Limnology(2); Marine Biology(3);
Microbiology(1); Nutrition(1);
Oceanography(1); Physiology(2)

RESEARCH ACTIVITY ONE: Secretion of molecules by
algae

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Other Governments (444)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Northeast(2); Middle Atlantic(24);
Asia(1)

<2>
Adams, David A., 1931, PhD, 1962, Plant Ecology,
919-799-4470
President; Coastal Zone Resources
Corporation; 4009 Oleander Dr.; Wilmington,
NC 28401, US

PRINCIPAL FIELD: Natural resource management -
environmental effects of development

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(2); Fishery Biology(3); Forestry(3);
Environmental Pollution(3); Marine
Biology(2); Ornithology(2); Plant Ecology(1);
Population Biology(3); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): State government; Exec.
Office of President; Exec. Office of President

EXPERIENCE (AS CONSULTANT): Construction; Mining;
Utility; Local or regional planning group;
State government; Civic action group;
Conservation group; The Institute of
Ecology(TIE); World Bank; USDC; COE; AID;
Central American; NASA; NASA

RESEARCH ACTIVITY ONE: South Florida regional
airport site selection study

RESEARCH ACTIVITY TWO: Effect of maintenance
dredging-MOTSU

RESEARCH ACTIVITY THREE: Environmental assessment
- Laz. Card., Mich., Mex.

INTEREST IN WORKING WITH: Private Sector; Local
Government; International Organizations; U.S.
Federal Government; Other Governments (1443)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy
conversion/production; Highways; Tailings,
spoils disposal; Water Resource
Development(genl); Channelization; Dredging,
filling; Levees/dikes; Canals/Channels;
Navigation; Flood control; Water quality
control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(19,M)

AVAILABILITY (DAYS PER MONTH): A,21; S,21

<3>
Adams, Donald D., 1939, PhD, 1973, Oceanography,
703-489-8000
Oceanography; Old Dominion University;
Norfolk, VA 23508, US

PRINCIPAL FIELD: Chemical oceanography, carbon
sulfur budgets dissolved gases trace metals

COMPETENCE: Aquatic Ecology(3); Environmental
Pollution(1); Limnology(2); Oceanography(1)

RESEARCH ACTIVITY ONE: Plankton decomposition
anaerobic water systems

RESEARCH ACTIVITY TWO: Trace metal cycling during
dredging

RESEARCH ACTIVITY THREE: Mid-Atlantic Coastal
Atmospheric Processes

INTEREST IN WORKING WITH: Local or regional
planning group; Conservation group;
Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
United Nations; AEC; COE; EPA; HEW; USDI;
Other Governments (3891)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3,M); Middle Atlantic(2,M); Asia(1,M);
Canada, eastern(4,M); Europe, western(M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<4>
Adams, William H., 1929, PhD, 1959, Zoology,
202-282-7770
National Science Foundation; Washington, DC
20550, US

PRINCIPAL FIELD: Population ecology

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(2); Fishery Biology(2); Forestry(3);
Limnology(3); Marine Biology(3);
Ornithology(1); Population Biology(1); Range
Science(3); Systematics(2); Systems
Analysis(3); Taxonomy(2); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYEE): State government; NSP

EXPERIENCE (AS CONSULTANT): NSP

INTEREST IN WORKING WITH: COE; EPA; HEW; USDI
(3760)

IMPACT ASSESSMENT EXPERIENCE: Watershed, forest,
range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): South
Central(15,M); Northeast(6)

AVAILABILITY (DAYS PER MONTH): A,2; S,30

TABLE - RESEARCHERS
(ALPHABETICAL LISTING)

<6>
Adler, Alan O., 1931, PhD, 1960, Chemistry,
293-438-6591
Chemistry, Biophysical; New England
Institute; Grove Street; Ridgefield, CT
06877, US
PRINCIPAL FIELD: Biophysical Chemistry,
Particularly Chemical Reactivity (General)
and Porphyrins (Specific)
COMPETENCE: Biochemistry(1); Biophysics(2);
Environmental Pollution(3); Biophysical
Chemistry(1); Molecular Biology(1)
EXPERIENCE (AS CONSULTANT): Local or regional
planning group; DOD
RESEARCH ACTIVITY ONE: The electromagnetic
activity of porphyrin derivatives
RESEARCH ACTIVITY TWO: Kinetic & Thermochem.
studies of porphyrin reax
RESEARCH ACTIVITY THREE: Model studies in organic
semiconduction & photo-conversion with
porphyrinic structures
INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (2255)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5);
Middle Atlantic(14)
AVAILABILITY (DAYS PER MONTH): A,2-3; S,2-3

<6>
Adrian, Donald D., 1935, PhD, 1964, Civil
Engineering, 413-545-0685
Civil Engineering Dept.; University of
Massachusetts; Amherst, MA 01002, US
PRINCIPAL FIELD: Environmental pollution control
and water resources management
COMPETENCE: Agronomy(1); Environmental
Pollution(1); Soil Science(2); Water
Resources Management(1)
RESEARCH ACTIVITY ONE: Environmental planning
RESEARCH ACTIVITY TWO: Environmental impact
assessment study
RESEARCH ACTIVITY THREE: Highway air pollution
studies
INTEREST IN WORKING WITH: Agriculture;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; The Nat'l Academy of
Sciences INRC; United Nations; World Bank;
IUCN, USDA; AEC; COE; DOD; EPA; HSP; USGI;
NSF; DOT; Central American; Canadian;
European, eastern; European; western; South
American (467)
IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Highways; Parks, recreational facilities;
Pesticides, herbicides; Soil erosion; Water
Resource Development (GPNL); Reservoirs/Dams;
Canals/Channels; Water supply; Water quality
control
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(6); North Central(1); Northeast(5,M);
Southeast(3,M)
AVAILABILITY (DAYS PER MONTH): A,4; S,1

<7>
Ahnad, Sami, 1943, PhD, 1969, Applied Entomology,
201-247-1766
Entomology and Econ. Zoology Dept.; Rutgers -
The State University; Georges Road; New
Brunswick, NJ 08903, US
PRINCIPAL FIELD: Metabolism and mode of action of
pesticides in mammals and arthropods
COMPETENCE: Anatomy(2); Biochemistry(1);
Entomology(1); Environmental Pollution(2);
Toxicology(1); Physiology(2)
RESEARCH ACTIVITY ONE: Mode of action and
degradation of new acaricides/insecticides
RESEARCH ACTIVITY TWO: Metabolism of pesticides
by gypsy moth
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3563)
IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides
GEOGRAPHIC FAMILIARITY (YEARS): South
Central(7,M); North Atlantic(1); Middle
Atlantic(2); Asia(3); Europe, western(3.5,M)
AVAILABILITY (DAYS PER MONTH): A,0; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<8>
Alden, Jon T., 1944, MS, 1969, Aquatic Biology,
412-621-3130
Aquatic Ecology Associates; 5100 Centre Ave.;
Pittsburgh, PA 15222, US

PRINCIPAL FIELD: Effects of Industrial Discharges
Upon Benthos Algae and Fishes

COMPETENCE: Aquatic Ecology(1); Bacteriology,(2),
Entomology(2); Fishery Biology(2);
Environmental Pollution(1); Limnology(1);
Electron Microscopy(2); Population
Biology(2); Taxonomy(2); Water Resources
management(1)

EXPERIENCE (AS CONSULTANT): manufacturing;
Utility; National Sand & Gravel Assoc.

RESEARCH ACTIVITY ONE: Effects of heated
discharge upon aquatic life

RESEARCH ACTIVITY TWO: Effects of paper mill
discharge upon aquatic life

RESEARCH ACTIVITY THREE: Bioassay and in stream
effects of chemical wastes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation group; Professional
society; The Institute of Ecology; The Nat'l
Academy of Sciences; International
Organizations; U.S. Federal Government;
Canadian (1352)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling; Water quality control;
Fish & Wildlife conservation; Heated
Discharge; Dredging; Chemical Wastes

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(1,M); Northeast(2,M); Middle
Atlantic(2,M)

<9>
Alber, Julius, 1927, PH.D., 1987, Geology,
704-597-2293
Dept. of Geology and Geography, University of
North Carolina; Charlotte, NC 28213, US

PRINCIPAL FIELD: Environmental geology especially
related to genetic defects

COMPETENCE: Anatomy(2); Entomology(2);
Environmental Pollution(1); Paleontology(1);
Physiology(3); Population Biology(3);
Taxonomy(2)

EXPERIENCE (AS CONSULTANT): County or city
government; Civic action group; Conservation
group

RESEARCH ACTIVITY ONE: Geological implications of
the McGuire Nuclear Plant

RESEARCH ACTIVITY TWO: Water pollution and
genetic defects

INTEREST IN WORKING WITH: Construction;
Manufacturing; Mining; Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Canadian; European, eastern;
European, western (1153)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Northeast(7); Southeast(7,M)

AVAILABILITY (DAYS PER MONTH): 4,10; 3,7

<10>
Allan, J. David, 1945, Ph.D., 1971,
Zoology/Ecology, 301-454-5410
Zoology Dept.; Univ. of Maryland
Park, MD 20742, US

PRINCIPAL FIELD: Structure of aquatic
communities; Distributional processes;
competition theory

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Biostatistics(2); Entomology(2);
Fishery Biology(2); Environmental
Pollution(2); Limnology(1); Marine
Biology(1); Oceanography(1); Plant
Ecology(4); Population Biology(1);
Systematics(3); Systems Analysis(3)

EXPERIENCE (AS EMPLOYEE): Civic action group;
Conservation group

RESEARCH ACTIVITY ONE: Distributional ecology of
stream benthic communities

RESEARCH ACTIVITY TWO: Competition in cladocerans

RESEARCH ACTIVITY THREE: Size strategies in
cladocerans

INTEREST IN WORKING WITH: Private Sector; Local
government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other governments (2432)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(0.5,M); North Central(5,M); Middle
Atlantic(1); Central America(0.50); Canada,
western(2)

AVAILABILITY (DAYS PER MONTH): A,3; S,5

<11>
Almond, James D., 1940, MS, 1963, Wildlife
Management, 202-343-8325
U.S. Dept. of Commerce NOAA-NMFS; 7503
Nurillo; Springfield, VA 22151, US

PRINCIPAL FIELD: Developing and carrying out
extension programs in wildlife and related
subjects

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Fishery Biology(3); Forestry(3);
Environmental Pollution(3); Ornithology(3);
Pest Control(3); Plant Ecology(2); Population
Biology(3); Wildlife Management(1); Extension
Educ. (Wildlife & Fisheries)(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; Utility;
County or city government; State or Regional
planning group; Civic action group;
Conservation group; United Nations;
Universities; USDA; USDC

INTEREST IN WORKING WITH: Universities, U.S.
Federal Government (127)

GEOGRAPHIC FAMILIARITY (YEARS): Middle-
Atlantic(3); Southeast(6,M)

AVAILABILITY (DAYS PER MONTH): 40 - retired as
consultant work at this time

<12>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<12>

Elperin, Richard J., 1941, PhD, 1969, Biology,
215-504-7867
Animal Biology; School of Veterinary
Medicine; University of Pennsylvania; 3800
Spruce Street; Philadelphia, PA 19104, US

PRINCIPAL FIELD: Submicroscopic distribution of
nucleic acids in differentiating embryonic
systems and physiological embryology of
vertebrates

COMPETENCE: Cytology Developmental Biology(1);
Anatomy(2); Physiology(2); Zoology
vertebrate(1)

EXPERIENCE (AS CONSULTANT): Construction; County
or city government; Local or regional
planning group; Professional Society

RESEARCH ACTIVITY ONE: College labor contracts
for teachers and paraprofessionals

RESEARCH ACTIVITY TWO: Nucleic acid distribution
in the developing chick heart

RESEARCH ACTIVITY THREE: Metaplasia and nuclear
nucleic acids in both ovary cell

INTEREST IN WORKING WITH: Agriculture; Utility;
The Nat'l Academy of Sciences; International
organizations; U.S. Federal Government; Other
Governments (3773)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(0.5);
Middle Atlantic(10); Central America(0.1);
Europe, western(0.1)

AVAILABILITY (DAYS PER MONTH): A,3; S,30

<13>

Whitmore, John D., 1940, MS, 1966, Botany,
607-273-6187
Genetics Dev. & Phys.; Cornell University;
Plant Sci. Bldg.; Ithaca, NY 14850, US

PRINCIPAL FIELD: Comparative Anatomy of the
Monocotyledons

COMPETENCE: Respondent lists 15 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): 000

RESEARCH ACTIVITY ONE: Comparative anatomy of the
selaginellae

RESEARCH ACTIVITY TWO: Systematic studies of
Asteridae

RESEARCH ACTIVITY THREE: Primary productivity of
eelgrass community

INTEREST IN WORKING WITH: Private Sector; Local
Government; Local or regional planning group;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3386)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Northeast(4); Middle Atlantic(M); Hawaii(1);
Asia(1)

AVAILABILITY (DAYS PER MONTH): A,1; S,5

<14>

Andersen, Aven M., 1936, PhD 1971, Fisheries
301-454-5641
Department of Fisheries; Natural Resources
Institute; University of Maryland; College
Park, MD 20742, US

PRINCIPAL FIELD: Biology and management of
commercial mollusks and fish

COMPETENCE: Anatomy(3); Animal Ecology(2);
Aquatic Ecology(2); Biostatistics(2); Fishery
Biology(1); Environmental Pollution(2);
Genetics(3); Limnology(3); Marine Biology(2);
Oceanography(2); Physiology(3); Population
Biology(2); Reproductive Biology(1); Water
Resources Management(3); Wildlife
Management(3)

EXPERIENCE (AS EMPLOYEE): Transportation; State
government; USA

EXPERIENCE (AS CONSULTANT): Conservation group;
COE

RESEARCH ACTIVITY ONE: Effects of Hurricane Agnes
on Chesapeake Bay

RESEARCH ACTIVITY TWO: Biology of the geoduck clam

RESEARCH ACTIVITY THREE: High Seas, Pacific
salmon studies

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; African; Central
American; Canadian; European, western; South
American (855)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Hydroelectric power; Water quality control;
Fish & Wildlife conservation; Industry
Pollution

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(11,M); Middle Atlantic(2);
Alaska(1,M); Canada, western

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<15>

Anderson, Bertil G., 1904, PhD, 1930, Zoology,
814-865-7648
Biology Dept.; Pennsylvania State University;
210 Life Sciences Bldg.; University Park, PA
16802, US

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Environmental Pollution(1);
Limnology(2); Physiology(2); Population
Biology(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing, State
government; EPA; USDA; NSF

RESEARCH ACTIVITY ONE: Bioassay using larval
test organisms

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1617)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(25); Middle Atlantic(24)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<16>
 Andrews, Jay D., 1916, PhD, 1947, Aquatic
 Biology, 703-642-2111
 Malacology; Virginia Institute Marine
 Science; Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Ecology of Estuarine Animals,
 Especially Diseases and Parasites of Shellfish

COMPETENCE: Animal Ecology (1); Aquatic
 Ecology (1); Fishery Biology (1); Genetics (3);
 Limnology (3); Marine Biology (3);
 Oceanography (3); Parasitology (3); Pest
 Control (3); Plant Ecology (3); Population
 Biology (3); Taxonomy (3)

EXPERIENCE (AS EMPLOYEE): State government;
 Professional society

EXPERIENCE (AS CONSULTANT): Local or regional
 planning group; COE; NSF; Canadian

RESEARCH ACTIVITY ONE: Diseases of oysters

RESEARCH ACTIVITY TWO: Fouling organisms in
 estuaries-effects of hurricane Agnes flood

RESEARCH ACTIVITY THREE: Ecology of pelagic
 larvae of mollusks in estuaries

INTEREST IN WORKING WITH: Conservation group;
 Professional society; The Institute of
 Ecology; COE; EPA (3936)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling;
 Flood control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central (4);
 Southeast (26, M)

AVAILABILITY (DAYS PER MONTH): A, 2; S, 2

<17>
 Andrews, Ralph, 1926, BS, 1952, Wildlife
 Management, 301-776-4880
 U.S. Dept. of Interior; Patuxent Wildlife
 Research Center; Rt. 197; Laurel, MD 20810,
 MS

PRINCIPAL FIELD: Waterfowl and wetland ecology

COMPETENCE: Agricultural Science (3); Animal
 Behavior (3); Animal Ecology (2); Aquatic
 Ecology (2); Fishery Biology (3); Environmental
 Pollution (3); Horticulture (3); Limnology (3);
 Ornithology (2); Plant Ecology (2);
 Taxonomy (3); Water Resources Management (3);
 Wildlife Management (1)

EXPERIENCE (AS EMPLOYEE): State government;
 Interior

EXPERIENCE (AS CONSULTANT): County or city
 government; Local or regional planning group;
 Civic action group; Conservation group;
 Professional society

RESEARCH ACTIVITY ONE: Lead poisoning in waterfowl

RESEARCH ACTIVITY TWO: Canvasback duck

RESEARCH ACTIVITY THREE: Louisiana wetlands

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (452)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Highways; Parks, recreational facilities;
 Dredging, filling; Levees/Dikes;
 Canals/Channels; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
 Mountain (2); North Central (2); South
 Central (5, M); Northeast (2, M); Middle
 Atlantic (7, M); Southeast (3)

<18>
 Anthony, Vaughn C., 1937, PhD, 1972, Fisheries,
 207-633-2222
 National Mar. Fish Service; National Oceanic
 and Atmospheric AD; Nowell Road; Boothbay, ME
 04537, US

PRINCIPAL FIELD: Population Dynamics of Marine
 Fish Populations

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): State government; USDC;
 USDI

EXPERIENCE (AS CONSULTANT): Local or regional
 planning group; State government;
 Conservation group; I.C.N.A.F., I.C.P.S.;
 Canadian; European, western; European, eastern

RESEARCH ACTIVITY ONE: Management of Northwest
 Atlantic Herring stocks

RESEARCH ACTIVITY TWO: State-federal lobster
 management plan - II states

RESEARCH ACTIVITY THREE: Maximizing lobster yields

INTEREST IN WORKING WITH: Agriculture; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government (1541)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development (Genl); Dredging, filling; Fish &
 Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States (2.5); North Central (1),
 Northeast (9, M); Alaska (0.5); Canada,
 eastern (M)

AVAILABILITY (DAYS PER MONTH): A, 3; S, 3

<19>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<19>

Arey, Sylvia Ann, 1946, MS, 1971, Zoology and Education, 919-791-6432
Biologist and Editor; Coastal Plains Center for Marine Development Serv.; 1518 Harbour Drive; Wilmington, NC 28401, US

PRINCIPAL FIELD: Two areas: (1) Environmental education with emphasis on population education and (2) Information processing

COMPETENCE: Environmental Pollution(3); Limnology(3); Marine Biology(2); Oceanography(3); Plant Ecology(3); Population Biology(1); Science Information Processing

EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; USDC; COE; EPA; USDI; Asian; Canadian; European, western; South American

RESEARCH ACTIVITY ONE: Population aspects of environmental education

RESEARCH ACTIVITY TWO: The Marine Newsletter

RESEARCH ACTIVITY THREE: Directory of personnel of the Coastal Plains Region

INTEREST IN WORKING WITH: Agriculture; Manufacturing; Local Government; Conservation or Scientific Group; United Nations; U.S. Federal Government; Other Governments (4120)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1); Southeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<20>

Arguris, Thomas S., 1923, PhD, 1953, Biology - Cytology, 315-473-4750
Dept. of Pathology; Upstate Medical Center, SUNY; 766 Irving Ave.; Syracuse, NY 13210, US

PRINCIPAL FIELD: Mechanisms Controlling Organ Growth in Mammals

COMPETENCE: Biochemistry(2); Histology(2)

RESEARCH ACTIVITY ONE: Mechanism of drug induced liver growth

RESEARCH ACTIVITY TWO: Damage induced growth - radiation, chemical, mechanical

RESEARCH ACTIVITY THREE: Chemical carcinogenesis

INTEREST IN WORKING WITH: County or city government; Local or regional planning group; State government; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; United Nations; World Bank; U.S. Federal Government; USDA; DOD; EPA; HEW; HUD; NSF; Central American; Canadian; European, western; South American (1508)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(17)

AVAILABILITY (DAYS PER MONTH): Uncertain

<21>

Arnold, Dean E., 1939, PhD, 1969, Limnology, 814-865-6592
Biology Dept.-Fish Unit; Pennsylvania State University; 208 Life Science I; University Park, PA 16802, US

PRINCIPAL FIELD: Ecology of aquatic habitats, their inhabitants, and their management

COMPETENCE: Animal Ecology(2); Aquatic Ecology(1); Fishery Biology(1); Environmental Pollution(2); Limnology(1); Marine Biology(2); Oceanography(2); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): USDT

EXPERIENCE (AS CONSULTANT): Construction; Mining; Utility; Local or regional planning group; Civic action group; Conservation group

RESEARCH ACTIVITY ONE: Predictive modeling and monitoring of a bay

RESEARCH ACTIVITY TWO: Effects of power plant condenser passage

RESEARCH ACTIVITY THREE: Basline inventory of Lake Michigan elements

INTEREST IN WORKING WITH: County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; The Nat'l Academy of Sciences; U.S. Federal Government; Canadian (3774)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Tailings, spoils disposal; Water Resource Development (GENL); Housing Construction

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3,M); Northeast(7); Middle Atlantic(1); Caribbean(1)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<22>

Aron, William I., 1930, PhD, 1960,
Fisheries/Oceanography, 202-967-5181
NOAA, Dept. of Commerce; Washington, DC
20230, US

PRINCIPAL FIELD: Plankton & Nekton Sampling,
Sampling Instrumentation Administration

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Fishery Biology(1); Environmental
Pollution(2); Genetics(2); Limnology(3);
Marine Biology(1); Oceanography(1);
Population Biology(2); Systematics(2);
Taxonomy(2); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing; State
government; USDC

EXPERIENCE (AS CONSULTANT): Manufacturing; United
Nations; DOD; NSP; AID; Asian; African;
European, eastern; European, western

RESEARCH ACTIVITY ONE: Role of Suez Canal as
pathway for dispersal between Red Sea and
Mediterranean

RESEARCH ACTIVITY TWO: Ocean Acre Studies

RESEARCH ACTIVITY THREE: Study of influence of
towing speed on catch

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1505)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Energy conversion/production;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development(Genl); Channelization;
Dredging, filling; Beach nourishment;
Reservoirs/Dams; Levees/dikes; Coastal
protection/jetties; Canals/Channels;
Watershed, forest, range; Reservoir releases;
Hydroelectric power; Navigation; Flood
control; Irrigation; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(15,M); Middle Atlantic(7); Alaska(4);
Europe, eastern(M)

<23>

Axtell, Richard C., 1932, PhD, 1962, Entomology,
919-755-2832
Dept. of Entomology; North Carolina State
University; Raleigh, NC 27607, US

PRINCIPAL FIELD: Insect Pest Management, Biting
Flies, Mosquitoes, Filth Flies, Coastal
Management

COMPETENCE: Aquatic Ecology(3); Entomology(1);
Parasitology(2); Pest Control(1); Population
Biology(3); Veterinary Science(2); Water
Resources Management(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Construction; County
or city government; Local or regional
planning group; State government; Asian

RESEARCH ACTIVITY ONE: Pest management in coastal
and estuarine areas

RESEARCH ACTIVITY TWO: Biology and control of eye
gnats

RESEARCH ACTIVITY THREE: Integrated control of
the house fly

INTEREST IN WORKING WITH: Construction; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (659)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5);
Middle Atlantic(2); Southeast(10,M); Asia(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<24>

Baer, Lawrence J., 1949, BS, 1971, Oceanography,
703-588-2157
Institute of Oceanography; Old Dominion
University; 1054 47th St.; Norfolk, VA
23503, US

PRINCIPAL FIELD: Investigation of Fish Habits and
Reactions

COMPETENCE: Animal Behavior(3); Aquatic
Ecology(3); Environmental Pollution(2);
Limnology(3); Marine Biology(3);
Oceanography(2); Wetland Classification(2)

EXPERIENCE (AS CONSULTANT): Utility; County or
city government

RESEARCH ACTIVITY ONE: Feeding of fish in Back
Bay refuge in Virginia

RESEARCH ACTIVITY TWO: Thermal pollution in Tampa
Bay in Florida

INTEREST IN WORKING WITH: International
Organizations; United Nations; U.S. Federal
Government; Other Governments (3899)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(1,M)

AVAILABILITY (DAYS PER MONTH): A,0; S,0

<25>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<25>

Raier, Rodger W., 1939, PhD, 1971, 919-72A-2111
Chemistry Dept.; Duke University Marine
Laboratory; Beaufort, NC 28516, US

PRINCIPAL FIELD: Thermodynamics and kinetics

COMPETENCE: Aquatic Ecology(3); Biochemistry(3);
Environmental Pollution(1); Marine
Biology(2); Microbiological
Analysis(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing

RESEARCH ACTIVITY ONE: Air purification

RESEARCH ACTIVITY TWO: Trace metals in lake
Washington

RESEARCH ACTIVITY THREE: Lead in coastal waters

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(11/2)

IDEAL DEPENDENT EXPERIENCE: Waste, Resource
Development(1)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(15); Middle Atlantic(1); Central
America(0.25); Canada, Western(0.2); South
America(0.1)

AVAILABILITY (DAYS PER MONTH): A,4

<26>

Ball, Randy D., 1951, BS, 1972, Fisheries,
702-453-1122
Fisheries & Wildlife, Virginia Polytechnic
Institute, Rt 3 Box 203, Blacksburg, VA
24060, US

PRINCIPAL FIELD: Freshwater Fisheries
Management-in North America

COMPETENCE: Aquatic Ecology(3); Biochemistry(3);
Biostatistics(3); Forestry(3); Limnology(2);
Soil Science(3); Systematics(3); Water
Resources Management(2); Wildlife
Management(2)

EXPERIENCE (AS EMPLOYEE): Agriculture,
Construction; State government; USDA; WDI

RESEARCH ACTIVITY ONE: Clinch River Survey

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation group; Professional
society; The Institute of Ecology; The National
Academy of Sciences; United Nations; U.S.
Federal Government; Other Governments (3906)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(1,*)

AVAILABILITY (DAYS PER MONTH): A,2-3; S,5-7

<27>

Baillie, Richard C., 1926, PhD, 1946, Chemical
Engineering, 304-293-2480
Dept. Chemical Engineering; West Virginia
University; Morgantown, WV 26506, US

PRINCIPAL FIELD: Resource Recycling

COMPETENCE: Environmental Pollution(2); Systems
Analysis(2); Water Resources Management(1)

RESEARCH ACTIVITY ONE: Conversion of waste
to fuel gas

RESEARCH ACTIVITY TWO: Environmental impact
statement PVC liq. sol.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (11/2)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): South West(6),
North Central(2); South Central(1); Middle
Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,11

<28>

Raier, Alan L., 1939, PhD 1977, Ecology,
503-862-2000
Rotary; University of New Hampshire; Main
St.; Durham, NH 03824, US

PRINCIPAL FIELD: Distribution of phytoplankton
stratified lakes

COMPETENCE: Aquatic Ecology(2); Limnology(2);
Phycology(1); Plant Ecology(3)

EXPERIENCE (AS CONSULTANT): Wildlife

RESEARCH ACTIVITY ONE: Distribution of
phytoplankton populations

RESEARCH ACTIVITY TWO: Chlorination effect on
photosynthesis

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3039)

GEOGRAPHIC FAMILIARITY (YEARS): New England
Central(7,*)

AVAILABILITY (DAYS PER MONTH): A,6; S,11

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<29>
Walt, W. D. MS 1969, MS, 1957, Wildlife Conservation, 919-823-3433
Division of Inland Fisheries; North Carolina Wildlife Resources Commission; 325 N Salisbury St.; Raleigh, NC 27611, US

PRINCIPAL FIELD: Administering fishery research and management programs

COMPETENCE: Animal Ecology(3); Aquatic Ecology(1); Fishery Biology(1); Environmental Pollution(3); Herpetology(3); Ornithology(3); Plant Ecology(3); Water Resources Management(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group

RESEARCH ACTIVITY ONE: Directing Allstate Freshwater Research & Management

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; U.S. Federal Government (4/9)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Airports; Energy conversion/production; Forestry; Highways; Parks, recreational facilities; Pesticides, herbicides; Soil erosion; Tailings, spoils disposal; Water Resource Development (GENL); Channelization; Dredging, filling; Reservoirs/Dams; Levees/dikes; Canals/Channels; Watersteel, forest, range; Reservoir releases; Hydroelectric power; Navigation; Flood control; Water supply; Water quality control; Shoreline protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (15,*)

AVAILABILITY (DAYS PER MONTH): A,?, S,?

<30>
Baniecki, John E., 1939, PhD, 1969, Plant Pathology, 304-293-1912
Plant Pathology - Plant Science; West Virginia University; 114 Brooks Hall Main Campus; Morgantown, WV 26505, US

PRINCIPAL FIELD: Field Testing of Fungicides and Insecticides and Recommendation of Their Usage

COMPETENCE: Agricultural Science(1); Entomology(2); Mycology(1); Plant Pathology(1)

EXPERIENCE (AS EMPLOYEE): State government; USDA

EXPERIENCE (AS CONSULTANT): County or city government

INTEREST IN WORKING WITH: Agriculture; Manufacturing; Local Government; County or city government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3/4)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (3,*)
Northwest(4); Middle Atlantic(3,*)

<31>
Barks, Oneil W., 1930, PhD, 1955, Zoology, 617-742-3400
Air Quality & Industrial Hygiene; Anderson - Nichol & Co., Inc.; 150 Causeway St.; Boston, MA 02114, US

PRINCIPAL FIELD: Determination of environmental pollutants and evaluation of health effects

COMPETENCE: Animal Ecology(2); Aquatic Ecology(2); Bacteriology(2); Biochemistry(1); Fishery Biology(2); Environmental Pollution(1); Genetics(2); Immunology(2); Marine Biology(2); Parasitology(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing; Professional society; AFC

EXPERIENCE (AS CONSULTANT): Manufacturing; Transportation; Utility; County or city government; Professional society; RW

RESEARCH ACTIVITY ONE: Determination of health effects from Framingham plant

RESEARCH ACTIVITY TWO: Determination of health and safety hazards

RESEARCH ACTIVITY THREE: Biodegradation and aquatic toxicology, product

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (1/62)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Highways; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2); Southwest(6); North Central(5); Northeast(9)

AVAILABILITY (DAYS PER MONTH): A, 20-25; S, 20-25

<32>
Barks, Richard C., 1931, PhD, Zoology, 202-381-5161
Bird and Mammal Laboratories; Bureau of Sport Fisheries and Wildlife; National Museum of Natural History; Washington, DC 20560, US

PRINCIPAL FIELD: Systematics, distribution, and life history of vertebrates, esp. birds and mammals

COMPETENCE: Animal Ecology(3); Ornithology(2); Systematics(1); Taxonomy(1); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Correlation of wildlife imported to US

RESEARCH ACTIVITY TWO: Systematics of endangered species

RESEARCH ACTIVITY THREE: Systematics of mammals

INTEREST IN WORKING WITH: Local Government; U.S. Federal Government; Other Governments (2/43)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(5,*)
Middle Atlantic(6)

<33>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<33>

Banks, Roger L., 1941, MS, 1970, Wildlife Science, 919-755-4520
U.S. Fish & Wildlife Service; Bureau Sport Fisheries and Wildlife; 310 New Bern Ave.; Raleigh, NC 27601, DS

PRINCIPAL FIELD: Wildlife Ecological Studies

COMPETENCE: Animal Ecology(2); Aquatic Ecology(3); Environmental Pollution(3); Physiology(3); Range Science(3); Reproductive Biology(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): Agriculture; USDA; AEC; COE; EPA

RESEARCH ACTIVITY ONE: Ecological study of desert quail

RESEARCH ACTIVITY TWO: Water resource management

INTEREST IN WORKING WITH: Private Sector; Conservation or Scientific Group; U.S. Federal Government (1363)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy conversion/production; Soil erosion; Tailings, spoils disposal; Water Resource Development(3en1); Channelization; Dredging, filling; Beach nourishment; Reservoirs/Dams; Levees/dikes; Coastal protection/jetties; Canals/Channels; Watershed, forest, range; Navigation; Flood control; Shoreline protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3,M); Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,B; S,8

<34>

Banta, William C., 1941, PhD, 1969, Biology, 202-686-2178
Biology Department; The American University; Washington, DC 20016, US

PRINCIPAL FIELD: Ecology, taxonomy and morphology of bryozoa

COMPETENCE: Animal Ecology(1); Aquatic Ecology(1); Marine Biology(1); Oceanography(3); Paleontology(2); Taxonomy(1)

EXPERIENCE (AS CONSULTANT): Conservation group; CC

RESEARCH ACTIVITY ONE: Colony growth of common fouling bryozoan

RESEARCH ACTIVITY TWO: Bryozoa of New England

RESEARCH ACTIVITY THREE: Bryozoa of Panama Canal Region

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; U.S. Federal Government; Other Governments (1321)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation; Fouling

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(25,M); Middle Atlantic(3,M); Costa Rica

AVAILABILITY (DAYS PER MONTH): A,4+; S,30

<35>

Barans, Charles A., 1942, PhD, 1972, Zoology, 914-737-3081
Behavior Physiology Dept.; Texas Instruments, Inc.; P.O. Box 237; Buchanan, NY 10511, US

PRINCIPAL FIELD: Estuarine fish biology and ecology

COMPETENCE: Animal Behavior(2); Animal Ecology(2); Aquatic Ecology(1); Fishery Biology(1); Environmental Pollution(2); Limnology(3); Marine Biology(2); Population Biology(3)

EXPERIENCE (AS EMPLOYEE): State government; USDI

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Distribution, age and ecology of spotted hake

RESEARCH ACTIVITY TWO: Temperature selection of fish from Lake Erie

RESEARCH ACTIVITY THREE: Effects of thermal discharges on Hudson fish

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (417)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Water Resource Development(3en1); Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3,M); Northeast(1); Middle Atlantic(3,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<36>

Barash, David P., 1946, PhD, 1970, Zoology, 607-431-3703
Biology Department; State Univ. College; 74 Elm St.; Oneonta, NY 13820, US

PRINCIPAL FIELD: Social behavior of vertebrates

COMPETENCE: Animal Behavior(1); Animal Ecology(1); Anthropology(3); Environmental Pollution(3); Genetics(3); Ornithology(3); Population Biology(3); Reproductive Biology(3); Wildlife Management(3)

EXPERIENCE (AS CONSULTANT): USDI

RESEARCH ACTIVITY ONE: Social behavior of parrots

RESEARCH ACTIVITY TWO: Human ethology

INTEREST IN WORKING WITH: The Institute of Ecology(TIE); The Nat'l Academy of Sciences; United Nations; World Bank; IUCN; U.S. Federal Government; USDA; AEC; USDC; CC; COE; COD; EPA; HEW; HUD; USDI; NSF; OST; AID; DOT; Other Governments (1985)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(4,M); Northeast(3)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<37>
Barber, Saul B., 1920, PhD, 1954, Zoology,
215-691-7000
Biology Dept.; Lehigh University; Bethlehem,
PA 18015, US

PRINCIPAL FIELD: Comparative neurobiology
especially invertebrate sense organs

COMPETENCE: Animal Behavior(3); Physiology(1)

RESEARCH ACTIVITY ONE: Neurophysiology and animal
behavior

RESEARCH ACTIVITY TWO: Mechanisms of insect flight

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (589)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12,M);
Middle Atlantic(16,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<38>
Bardarik, Daniel G., 1926, PhD, 1961, Ecology,
412-621-3130
Aquatic Ecology Associates; 5100 Centre Ave.;
Pittsburgh, PA 15232, US

PRINCIPAL FIELD: Effects of pollution on the
aquatic ecology

COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Aquatic Ecology(1); Fishery
Biology(2); Environmental Pollution(1);
Limnology(3); Bioassay(2); Taxonomy(2); Water
Resources Management(3)

EXPERIENCE (AS EMPLOYEE): State Government

EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing; Mining; Utility

RESEARCH ACTIVITY ONE: Thermal pollution effects
on aquatic life

RESEARCH ACTIVITY TWO: Effects of turbidity and
siltation on aquatic life

RESEARCH ACTIVITY THREE: Effects of paper mill
wastes on aquatic life

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (139)

IMPACT ASSESSMENT EXPERIENCE: Highways;
Pesticides, herbicides; Tailings, spoils
disposal; Channelization; Dredging, filling;
Reservoirs/Dams; Hydroelectric power; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
Northeast(17,M)

AVAILABILITY (DAYS PER MONTH): A,22; S,22

<39>
Barlow, John P., 1918, PhD, 1953, Biology,
607-256-4447
Ecology & Systematics; Cornell University;
227 Langmuir Labs; Ithaca, NY 14850, US

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(3); Limnology(3); Marine
Biology(2); Oceanography(2)

EXPERIENCE (AS CONSULTANT): Utility; State
government

RESEARCH ACTIVITY ONE: Succession in limnetic
phytoplankton

RESEARCH ACTIVITY TWO: Grazing by estuarine
zooplankton

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1774)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Southwest(3); Northeast(3,M);
Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,5

<40>
Barnett, L. Bruce, 1935, PhD, 1968, Zoology,
412-627-8191
Dept. of Biology; Waynesburg College;
Waynesburg, PA 15370, US

PRINCIPAL FIELD: Vertebrate Adaptations to
Temperature Extremes

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(2); Ornithology(2); Taxonomy(2)

RESEARCH ACTIVITY ONE: Acclimatization of Hs
sparrow to cold

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Central American; Canadian;
European, eastern; European, western; South
American (1274)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.5); Rocky Mountain(2); North
Central(4,M); Middle Atlantic(4); Europe,
western(0.5)

<41>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<41>
Barton, James D., Jr., 1924, PhD, 1956, Plant Ecology, 607-871-2137
Provost; Alfred University; P.O. Box 1106; Alfred, NY 14802, US

PRINCIPAL FIELD: Forest Ecology Sampling Methods, Statistical Studies, Alpine, Arctic, and Wood Plant Identification

COMPETENCE: Animal Ecology(2); Forestry(2); Limnology(3); Marine Biology(3); Plant Ecology(1); Soil Science(3)

EXPERIENCE (AS CONSULTANT): Agriculture; County or city government; State government

RESEARCH ACTIVITY ONE: Vegetation map Southampton NY from air photos

INTEREST IN WORKING WITH: Agriculture; Local Government; County or city government; Local or regional planning group; State government; Conservation group; Professional society; The Institute of Ecology; COE; USDI; NSF (3206)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3,M); Northeast(14)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

RESEARCH ACTIVITY ONE: Research associate

RESEARCH ACTIVITY TWO: Research officer - Punjab Agric. Univ. India

RESEARCH ACTIVITY THREE: Research Aikali Bee Management

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3901)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(0.5,M); North Central(7,M); Northeast(1); Middle Atlantic(5,M); Asia(2,M)

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<42>
Bates, David M., PhD, 1963, Botany
Bailey Hortorium; Cornell University; Ithaca, NY 14850, US

PRINCIPAL FIELD: Systematics of Flowering Plants - Wild and Cultivated

COMPETENCE: Anthropology(3); Horticulture(2); Ornithology(3); Plant Ecology(3); Population Biology(2); Reproductive Biology(3); Systematics(1); Taxonomy(1)

EXPERIENCE (AS CONSULTANT): NSF

RESEARCH ACTIVITY ONE: Taxonomic studies of cultivated plants

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (1775)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(3); Southwest(0.5); Middle Atlantic(7); Central America(1); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

RESEARCH ACTIVITY ONE: Life history of skipjack tuna

INTEREST IN WORKING WITH: Local or regional planning group; State government; The Institute of Ecology(TIE); United Nations; COE; PPA; HUD (835)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(5,M); Middle Atlantic(11,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

<43>
Baum, Bernard, 1924, PhD, 1950, Physical Chemistry, 203-749-8371
Materials Research & Development; DeBell & Richardson, Inc.; Water Street; Enfield, CT 06082, US

PRINCIPAL FIELD: Solid waste disposal, air pollution, plastics

COMPETENCE: Solid waste disposal(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing

EXPERIENCE (AS CONSULTANT): Manufacturing; Professional society; USDI

RESEARCH ACTIVITY ONE: Studies on solid waste disposal and incinerator corrosion

INTEREST IN WORKING WITH: Private Sector; Agriculture; Construction; Manufacturing; Mining; Transportation; Utility; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (1560)

IMPACT ASSESSMENT EXPERIENCE: Water quality control; Solid waste

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(22,M)

<44>
Batts, Billy S., 1934, PhD, 1970, Zoology, 703-392-5592
Natural Sciences; Longwood College; Farmville, VA 23901, US

PRINCIPAL FIELD: Life history of fishes; sexual maturity; fecundity; aging sex ratios

COMPETENCE: Animal Ecology(3); Aquatic Ecology(3); Fishery Biology(2); Marine Biology(3); Oceanography(3)

RESEARCH ACTIVITY ONE: Life history of skipjack tuna

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (1775)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(3); Southwest(0.5); Middle Atlantic(7); Central America(1); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<45>
Eatra, Suzanne W.T., 1937, PhD, 1964, Entomology, 101-474-0094
President; Cornucopia Products, Ltd.; 2-Q Plateau Place; Greenbelt, MD 20770, US

PRINCIPAL FIELD: Ecology - Insect and Animal Behavior, Symbiosis, Insect Management, Biological Control

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): DSDA; Asian

EXPERIENCE (AS CONSULTANT): Agriculture; Civic action group; USDA; AID; Asian

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <46>
 Bay, Ernest C., 1929, PhD, 1960, Entomology,
 301-454-3843
 Entomology Department, University of
 Maryland; College Park, MD 20742, US
- PRINCIPAL FIELD: Biological control of aquatic
 insect pests, mosquitoes, chironomids
- COMPETENCE: Aquatic Ecology(2); Entomology(1);
 Pest Control(3)
- EXPERIENCE (AS CONSULTANT): Construction; Local
 or regional planning group; United Nations
- RESEARCH ACTIVITY ONE: W.H.O. consultant mosquito
 control by fish Africa
- RESEARCH ACTIVITY TWO: W.H.O. consultant mosquito
 control by fish Asia
- RESEARCH ACTIVITY THREE: Biological control of
 aquatic nuisance diptera
- INTEREST IN WORKING WITH: Construction; Local or
 regional planning group; Conservation or
 Scientific Group; International
 Organizations; USDA; COE; EPA; NSF; Other
 Governments (470)
- IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Reservoirs/Dams; Artificial lakes
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(12,M); Northeast(4,M); Middle
 Atlantic(3)
- AVAILABILITY (DAYS PER MONTH): A,1-3; S,4-5
- <47>
 Bayless, Laurence E., 1938, PhD, 1966, Biology,
 304-384-3415
 Dept. of Biology; Concord College; Athens, WV
 24712, US
- PRINCIPAL FIELD: Ecology of Sympatric Species
 Amphibians
- COMPETENCE: Animal Ecology(2); Biostatistics(2);
 Environmental Pollution(2); Herpetology(1);
 Population Biology(2); Systematics(2)
- RESEARCH ACTIVITY ONE: Comparative ecology of
 sympatric cricket frogs
- RESEARCH ACTIVITY TWO: New turtle for West
 Virginia
- RESEARCH ACTIVITY THREE: Comparative herpetology
 of 2 farm ponds
- INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1864)
- IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
 facilities; Fish & Wildlife conservation
- GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M);
 Southeast(5,M)
- AVAILABILITY (DAYS PER MONTH): A,6-8; S,31
- <48>
 Beal, Kenneth L., 1942, MA, 1969, Marine Biology,
 301-962-2558
 Environmental Resource Br. USA Corps of
 Engineers Baltimore District; P.O. Box 1715;
 Baltimore, MD 21203, US
- PRINCIPAL FIELD: Marine Fisheries Biology;
 Age-Growth, Life Histories; Environmental
 Impact Statements
- COMPETENCE: Aquatic Ecology(2); Fishery
 Biology(1); Forestry(3); Limnology(3); Marine
 Biology(1); Oceanography(1); Wildlife
 Management(2)
- EXPERIENCE (AS EMPLOYEE): Construction, State
 government; COE
- RESEARCH ACTIVITY ONE: Environmental impact
 statement, Wyoming Valley, Susquehanna River,
 PA
- RESEARCH ACTIVITY TWO: EIS maintenance dredging
 St. Catherine SD, Potomac River, MD
- INTEREST IN WORKING WITH: Construction; Utility;
 Local Government; Conservation or Scientific
 Group; International Organizations; U.S.
 Federal Government; Other Governments (3937)
- IMPACT ASSESSMENT EXPERIENCE: Forestry; Water
 Resource Development (Genl); Water Resource
 Development (genl); Channelization; Dredging,
 filling; Beach nourishment; Reservoirs/Dams;
 Levees/dikes; Coastal protection/jetties;
 Canals/Channels; Navigation; Flood control;
 Shoreline protection; Fish & Wildlife
 conservation
- GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic(7,M)
- AVAILABILITY (DAYS PER MONTH): A,6; S,6

<49>

TABLE 1 RESPONDENTS
(ALPHABETICAL LISTING)

<49>

Beck, Stanley L., 1935, Ph.D., 1960, Biology,
617-285-7722
Department of Biology; Wheaton College;
Norton, MA 02766, US

PRINCIPAL FIELD: Effects of development -
environmentally induced and inherited

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Husbandry(1); Biostatistics(3);
Genetics(1); Animal Development(1);
Physiology(1); Population Biology(3);
Reproductive Biology(2); Teratology(1)

EXPERIENCE (AS CONSULTANT): REM

RESEARCH ACTIVITY ONE: Selected response to a
teratogen in mice

RESEARCH ACTIVITY TWO: Mechanism of Trypan Blue
Teratogenesis

RESEARCH ACTIVITY THREE: Animal model system for
2,4,5,T Teratology testing

INTEREST IN WORKING WITH: State government;
Professional society; The National Academy of
Sciences INRC; United Nations; U.S. Federal
Government; Canadian; European, western
(1015)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(8,M); South Central(2);
Northeast(7,M); Europe, western(1,M)

AVAILABILITY (DAYS PER MONTH): A,3-5; S,30

<50>

Beckers, Jr., Charles V., 1943, MS, 1971,
Oceanography, 401-847-8000
Ocean and Environ. Service; Raytheon Co.;
Submarine Signal Div.; P.O. Box 360;
Portsmouth, VT 02871, US

PRINCIPAL FIELD: Application of systems analysis
technology to environmental and natural
systems

COMPETENCE: Environmental Pollution(1);
Limnology(3); Marine Biology(3);
Oceanography(1); Systems Analysis(1); Water
Resources Management(2)

EXPERIENCE (AS CONSULTANT): Utility; State
government, DOE; EPA

RESEARCH ACTIVITY ONE: Quantitative methods for
water dual monitor design

RESEARCH ACTIVITY TWO: Civil environmental
protection data base

RESEARCH ACTIVITY THREE: Peaver River modeling
project

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining;

Transportation; Utility; Local Government;
The Institute of Ecology(TIE), The National
Academy of Sciences INRC; United Nations;
World Bank; YGCN; USDA; AEC; NSDC, CGE; DOD;
EPA; HEW; HUD; USDI; HSE; OST; AID; DOT;
Other Governments (321)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Water Resource
Development(GENL); Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6,M);
Middle Atlantic(M); North Central(M)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<51>

Behling, Robert E., 1941, Ph.D., 1971, Geology,
304-293-5603
Dept. of Geology and Geography; West Virginia
University; White Hall; Morgantown, WV
26506, US

PRINCIPAL FIELD: Analysis of chemical-physical
weathering systems in cold climates

COMPETENCE: Agronomy(2); Geology(1); Soil
Science(2)

RESEARCH ACTIVITY ONE: Aggregate quality judgment

RESEARCH ACTIVITY TWO: Physical-chemical
weathering in Antarctica

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1941)

IMPACT ASSESSMENT EXPERIENCE: Highways

GEOGRAPHIC FAMILIARITY (YEARS): South
Central(11,M); Northeast(M); Alaska(M);
Antarctica(M)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<52>

Bell, C.R., 1921, Ph.D., 1953, Botany, 919-933-5077
Botany; North Carolina Botanical Garden;
Coker Hall, University of North Carolina;
Chapel Hill, NC 27514, US

COMPETENCE: Systematics(1); Taxonomy(1);
Evolution & Adaptation(1)

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society

RESEARCH ACTIVITY ONE: Natural areas advisory
council

INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society;
COE; EPA; HEW (1895)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Reservoirs/dams; Fish & wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5); Southeast(15,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<53>
 Bell, Michael W., 1947, BS, 1970, Wildlife Management-236-5754
 Co. D 19th St BN; APO, NY 09026, US

PRINCIPAL FIELD: Range and Wildlife Management

COMPETENCE: Agricultural Science(3); Anatomy(3); Animal Behavior(3); Animal Ecology(3); Biostatistics(2); Fishery Biology(3); Forestry(3); Environmental Pollution(3); Plant Ecology(3); Physiology(3); Population Biology(2); Range Science(2); Reproductive Biology(3); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): State government; USDI

RESEARCH ACTIVITY ONE: Hurricane impact on quail habitat

RESEARCH ACTIVITY TWO: Habitat and bobwhite quail production south Texas

INTEREST IN WORKING WITH: Agriculture; Construction; Manufacturing; Transportation; Civic action group; Conservation group; Professional society; USDA; COE; DOD; AID (1664)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(2); Southwest(2,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

<54>
 Bellis, Vincent J., 1938, PhD, 1966, Botany, 919-756-6718
 Biology Department; East Carolina University; Greenville, NC 27834, US

PRINCIPAL FIELD: Ecology of algae

COMPETENCE: Aquatic Ecology(1); Environmental Pollution(3); Limnology(2); Marine Biology(2); Plant Ecology(3); Taxonomy(3)

EXPERIENCE (AS CONSULTANT): County or city government; Civic action group; Conservation group

RESEARCH ACTIVITY ONE: Benthic diatoms in estuary, estuarine epifauna

INTEREST IN WORKING WITH: County or City government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; The Institute of Ecology (TIE); The Nat'l Academy of Sciences (NAS); USDA; USDC; COE; EPA; USDI; NSF; Other Governments (130)

IMPACT ASSESSMENT EXPERIENCE: Channelization, Coastal protection/letties; Watershed, forest, range; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(8), Canada, eastern(4)

AVAILABILITY (DAYS PER MONTH): A,5-6; S,30

<55>
 Benier, Edward S., 1947, MS, 1971, Zoology 301-671-2586
 Aquatic Ecology Unit; Ecological Research Section; Biomedical Laboratory; Edgewood Arsenal, MD 21040, US

PRINCIPAL FIELD: Evaluate Pollution Effects in Aquatic Communities

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): USDA; DOD

EXPERIENCE (AS CONSULTANT): Civic action group, DOD

RESEARCH ACTIVITY ONE: Environ monitoring program Edgewood Arsenal, MD

RESEARCH ACTIVITY TWO: Installation assessment Edgewood Arsenal, AI

RESEARCH ACTIVITY THREE: Project assess of PW phosphorus Plant, Edgewood

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; USDA; COE; DOD; EPA; USDI; NSF; OSM; Other Governments (4054)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Airports; Energy conversion/production; Pesticides, herbicides; Dredging fill; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(0.25); northeast(0.5); Middle Atlantic(1.5); Southeast(2,6)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

<56>
 Bennett, Michael V.L., 1931, PhD, 1957, Physiology, 212-430-2536
 Dept. of Anatomy; Albert Einstein College of Medicine; 1300 Morris Park Ave.; New York, NY 10461, US

PRINCIPAL FIELD: Physiology of Synaptic Transmission

COMPETENCE: Anatomy(2); Biophysiology; Marine Biology(2); Physiology(1)

EXPERIENCE (AS CONSULTANT): Civic action group, NSF

RESEARCH ACTIVITY ONE: Physiology of electronic junctions

INTEREST IN WORKING WITH: Private Sector, Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1292)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(16), Europe, western(8)

AVAILABILITY (DAYS PER MONTH): 1,

<57>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<57>

Berkoff, Charles E., 1932, PhD, 1959, Organic Chemistry, 215-564-2400
Technology Assessment; Smith Kline and French Labs.; 1500 Spring Garden Street; Philadelphia, PA 19101, US

PRINCIPAL FIELD: Medicinal Chemistry

COMPETENCE: Biochemistry(3); Entomology(3); Pest Control(3)

RESEARCH ACTIVITY ONE: Chemistry & biochemistry of insect hormones

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2920)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(10,M); Europe, western(5)

AVAILABILITY (DAYS PER MONTH): A,1-2; S,1-2

<58>

Bernardin, Paul A., 1925, MS, 1966, Entomology, 401-865-1000
Biology Dept.; Providence College; River Ave.; Providence, RI 02918, US

PRINCIPAL FIELD: Ecology of insect populations (especially of forest insects)

COMPETENCE: Animal Behavior(3); Animal Ecology(2); Aquatic Ecology(3); Entomology(1); Forestry(2); Limnology(3); Ornithology(3); Pest Control(2); Plant Ecology(3); Population Biology(2); Soil Science(3); Wildlife Management(3)

INTEREST IN WORKING WITH: Agriculture; Transportation; Utility; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Central American; Canadian; South American (1733)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(6,M); Northeast(12); Middle Atlantic(4)

AVAILABILITY (DAYS PER MONTH): A,2; S,0

<59>

Biffar, Thomas A., 1944, PhD, 1972, Marine Biology, 703-489-8000
Biology Department; Old Dominion University; Norfolk, VA 23508, US

PRINCIPAL FIELD: Systematics and ecology of decapod crustaceans

COMPETENCE: Animal Behavior(3); Aquatic Ecology(2); Limnology(2); Marine Biology(1); Oceanography(3); Population Biology(3); Systematics(1); Taxonomy(1)

EXPERIENCE (AS CONSULTANT): COE

RESEARCH ACTIVITY ONE: Decapod faunal diversity in spartina

RESEARCH ACTIVITY TWO: Faunal survey of potential fill sites

INTEREST IN WORKING WITH: Local or regional planning group; State government; Conservation group; Professional society; COE; EPA; NSF; Central American; South American (1571)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils disposal

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(1); Southeast(7,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,15

<60>

Bikales, Norbert M., 1929, PhD, 1961, Chemistry, 201-992-0030
Consulting Chemist; 8 Trafalgar Drive; Livingston, NJ 07039, US

PRINCIPAL FIELD: Synthesis and applications of polymers for water pollution control

COMPETENCE: Biochemistry(2); Food Sciences(2); Environmental Pollution(1); Water Pollution Control(1); Soil Science(3); Water Resources Management(3); Environmental Chemistry(1)

EXPERIENCE (AS CONSULTANT): Construction; Manufacturing; Mining; Utility; Civic action group; Conservation group; Professional society; The Nat'l Academy of Sciences; USDA

RESEARCH ACTIVITY ONE: Synthesis of flocculants and polyelectrolytes

RESEARCH ACTIVITY TWO: Development of collector for oil spills

RESEARCH ACTIVITY THREE: Development of filters for aerosols

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3573)

IMPACT ASSESSMENT EXPERIENCE: Water supply; Water quality control; Chemical Aspects

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(20,M); Europe, western(1,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<61>
 Birchfield, Larry J., 1947, MS, 1971, Fisheries,
 919-443-2237
 Div. of Inland Fisheries; N. C. Wildlife
 Resources Commission; 133 Douglas Street;
 Rocky Mount, NC 27801, US

PRINCIPAL FIELD: Fishery management and fishery
 biology as pertaining to sport fishery

COMPETENCE: Anatomy (3); Animal Behavior (3);
 Animal Ecology (3); Aquatic Ecology (1);
 Biostatistics (3); Fishery Biology (1);
 Environmental Pollution (3); Limnology (2);
 Reproductive Biology (3); Taxonomy (1); Water
 Resources Management (2); Wildlife Management (2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Digestion in black crappie

RESEARCH ACTIVITY TWO: Predator fish
 introductions in reservoirs

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (502)

IMPACT ASSESSMENT EXPERIENCE: Highways;
 Channelization; Reservoirs/Dams; Fish &
 Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (1);
 North Central (1,M)

AVAILABILITY (DAYS PER MONTH): A, 5; S, 5

<62>
 Birdsong, Ray S., 1935, PhD, 1969, Marine
 Science, 703-489-8000
 Biology; Old Dominion University; Hampton
 Blvd.; Norfolk, VA 23508, US

PRINCIPAL FIELD: Ecology and Systematics of Fishes

COMPETENCE: Aquatic Ecology (1); Fishery
 Biology (2); Limnology (2); Marine Biology (1);
 Oceanography (2); Systematics (1)

EXPERIENCE (AS EMPLOYEE): USDI; NSP

EXPERIENCE (AS CONSULTANT): Construction; County
 or city government; Local or regional
 planning group; State government; Civic
 action group; Conservation group;
 Professional Society; United Nations; COE; NSP

RESEARCH ACTIVITY ONE: Biological survey of Salem
 Church Dam site

RESEARCH ACTIVITY TWO: Biological impact of
 Gathright Dam

RESEARCH ACTIVITY THREE: Site location for
 Hampton Roads spoil bank

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 The Institute of Ecology; The Nat'l Academy
 of Sciences; International Organizations;
 U.S. Federal Government; Asian; African;
 Central American; South American (4099)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
 disposal; Water Resource Development (Genl);
 Channelization; Dredging, filling;
 Reservoirs/Dams; Levees/dikes;
 Canals/Channels; Reservoir releases; Water
 quality control; Shoreline protection; Fish &
 Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic (5,M); Southeast (5,M); Central
 America (M)

AVAILABILITY (DAYS PER MONTH): A, 30; S, 30

<63>
 Bishop, John W., 1938, PhD, 1966, Oceanography,
 703-285-6382
 Biology Department; University of Richmond;
 Richmond, VA 23173, US

PRINCIPAL FIELD: Plankton ecology

COMPETENCE: Aquatic Ecology (1); Biostatistics (3);
 Environmental Pollution (3); Population
 Biology (3)

EXPERIENCE (AS CONSULTANT): Agriculture;
 Manufacturing; Mining; County or city
 government; Local or regional planning group;
 State government; Conservation group;
 Professional Society; The Institute of
 Ecology (TIE); The Nat'l Academy of Sciences;
 United Nations; USDA; AEC; USDC; EPA; HEW;
 HUD; Asian; Canadian

RESEARCH ACTIVITY ONE: Thermal pollution

RESEARCH ACTIVITY TWO: Model of algal production

INTEREST IN WORKING WITH: Utility; Civic action
 group; COE; USDI; NSP (32)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Parks, recreational
 facilities; Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States (1/2); Southwest (1/2); Northeast (4);
 Middle Atlantic (9)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 30

<64>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<64>

Blackshaw, G. Lansing, 1936, PhD, 1966, Nuclear Engineering, 304-293-2619
Dept. Chemical Engineering; West Virginia University; Engineering Sciences Bldg.; Morgantown, WV 26506, US

PRINCIPAL FIELD: Analysis of reverse osmosis purification of acid mine drainage

COMPETENCE: Chemical Engineering (2)

RESEARCH ACTIVITY ONE: Purification of acid mine drainage by neutralosis

RESEARCH ACTIVITY TWO: Development of wood plastic technology

RESEARCH ACTIVITY THREE: Investigation of pulsed neutron techniques

INTEREST IN WORKING WITH: Mining; Local Government; Conservation group; United Nations; U.S. Federal Government; Other Governments (1947)

IMPACT ASSESSMENT EXPERIENCE: Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2); Northeast(7,M); Southeast(5)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<65>

Blen, Charles R., 1943, PhD, 1969, Zoology, 703-770-7231
Dept. of Biology; Virginia Commonwealth University; 816 Park Ave.; Richmond, VA 23220, US

PRINCIPAL FIELD: Vertebrate physiological ecology and populations

COMPETENCE: Animal Ecology(2); Biostatistics(3); Environmental Pollution(3); Ornithology(1); Physiology(3); Systematics(3)

EXPERIENCE (AS CONSULTANT): Utility; County or city government; Local or regional planning group; State government

RESEARCH ACTIVITY ONE: House sparrow energetics and distribution

RESEARCH ACTIVITY TWO: Effects of air pollution on small mammals

RESEARCH ACTIVITY THREE: Energetics of passerine nestlings

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1164)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4, M); Southeast(4, M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<66>

Blumeling, Charles III, 1935, MScE, 1970, Civil & Environmental Engineering, 201-385-6373
Professional Engineer; 44 E. Broad Street; Bergenfield, NJ 07621, US

PRINCIPAL FIELD: Research to Determine Environmental Problems, Project Design to Solve Problems

COMPETENCE: Bacteriology(2); Environmental Pollution(2); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): County or city government; State government

EXPERIENCE (AS CONSULTANT): Construction; Transportation; Utility; County or city government; Local or regional planning group; State government; Conservation group; COE; HEW; HUD; DOT

RESEARCH ACTIVITY ONE: Cupsaw Lake flood control project

RESEARCH ACTIVITY TWO: Baritan center dredging project

RESEARCH ACTIVITY THREE: Round valley reservoir construction project

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; U.S. Federal Government (4094)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks, recreational facilities; Water Resource Development(Genl); Channelization; Dredging, filling; Beach nourishment; Reservoirs/Dams; Levees/dikes; Canals/Channels; Watershed, forest, range; Reservoir releases; Navigation; Flood control; Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(13)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<67>
 Buddicker, Major L., 1942, PhD, 1972, Entomology, 605-489-2416
 Environmental Education; Chester Area Schools No. 34; Box 24; Chester, NY 57016 US
 PRINCIPAL FIELD: Animal ecology and management and teaching environmental management
 COMPETENCE: Respondent lists 16 or more scientific fields
 EXPERIENCE (AS EMPLOYEE): Agriculture; County or city government
 EXPERIENCE (AS CONSULTANT): Agriculture; County or city government; Local or regional planning group; Civic action group; Conservation group
 RESEARCH ACTIVITY ONE: Developing environmental education for primary grades
 RESEARCH ACTIVITY TWO: Effects of parasites on sharp-tailed grouse
 RESEARCH ACTIVITY THREE: Parasites of big game in South Dakota
 INTEREST IN WORKING WITH: Private Sector: Agriculture; Manufacturing; Mining; Transportation; Utility; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1927)
 IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(1); North Central(7,M); Alaska(0.75)
 AVAILABILITY (DAYS PER MONTH): A,2; S,5

<68>
 Boehle, John, Jr., 1932, PhD, 1964, Agronomy, 203-438-6412
 Research and Development Department; CIRA-GRIGY Corp. Agricultural Division; Ardsley, NY 10502, US
 PRINCIPAL FIELD: Research of Agricultural chemicals and impact on environment
 COMPETENCE: Agronomy(1); Agricultural Science(1); Aquatic Ecology(2); Biostatistics(3); Entomology(3); Forestry(3); Environmental Pollution(2); Horticulture(1); Nutrition(1); Pest Control(1); Plant Ecology(2); Physiology(3); Range Science(2); Soil Science(1); Water Resources Management(2)
 RESEARCH ACTIVITY ONE: Use of chemicals on rangeland
 RESEARCH ACTIVITY TWO: Algae control in lakes and ponds
 RESEARCH ACTIVITY THREE: Pesticides in sod plant crops
 INTEREST IN WORKING WITH: Agriculture; Construction; Transportation; Local Government; Conservation or Scientific Group; International Organizations; USDA; AEC; USDC; COE; CC; E-0; EPA; NEH; RUD; USDI; WSP; OST;
 RID; Central American; Canadian; European, eastern; European, western; South American (218)
 IMPACT ASSESSMENT EXPERIENCE: Agriculture, Pesticides, herbicides; Water Resource Development (Genl); Watershed, forest, large
 GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); Northeast(8,M); Middle Atlantic(12,M)
 AVAILABILITY (DAYS PER MONTH): A,2; S,2

<69>
 Boesch, Donald E., 1945, PhD, 1971, Marine Science, 701-642-2111
 Virginia Institute of Marine Science; Gloucester Point, VA 23062, US
 COMPETENCE: Animal Ecology(1); Biostatistics(2); Environmental Pollution(1); Marine Biology(1); Oceanography(2); Systematics(2); Water Resources Management(3)
 EXPERIENCE (AS EMPLOYEE): State government
 EXPERIENCE (AS CONSULTANT): Utility; County or city government; Local or regional planning group; State government; COE; Australian
 RESEARCH ACTIVITY ONE: Conditions of the biota of Chesapeake Bay
 RESEARCH ACTIVITY TWO: Oil spill study energy policy project
 INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; AEC; CC; COE; EPA; USDI; NSP; DOT; Other Governments (393)
 IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Water Resource Development(Genl); Dredging, filling; Coastal protection/detties; Canals/Channels; Water quality control; Shoreline protection
 GEOGRAPHIC FAMILIARITY (YEARS): South Central(1); Middle Atlantic(0,M); Australia(1,M)
 AVAILABILITY (DAYS PER MONTH): A,8; S,8

<70>
 Bollag, Jean-Marc, 1935, PhD, 1959, Plant Physiology, 814-237-8550
 Agronomy; Pennsylvania State University; 119 Tyson; University Park, PA 16802, US
 PRINCIPAL FIELD: Microbial Degradation of Pesticides - Nitrate Removal by Denitrification
 RESEARCH ACTIVITY ONE: microbial degradation of pesticides
 RESEARCH ACTIVITY TWO: Nitrate removal by denitrifying bacteria
 INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3432)
 IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7); Asia(5); Europe western(5)

APPENDIX
(ALPHABETICAL LISTING)

Bonclorno, Salvatore P., 1939, PhD, 1967,
Ecology, 203-255-5411
Dept. of Biology; Fairfield University; North
Person Road; Fairfield, CT 06430, US

COMPETENCE: Animal Behavior(2); Animal
Ecology(2); Aquatic Ecology(3);
Biostatistics(3); Environmental Pollution(3);
Limnology(3); Ornithology(1); Plant
Ecology(3); Population Biology(3); Water
Resources Management(3)

RESEARCH ACTIVITY ONE: Effect of urbanization on
water stream quality

RESEARCH ACTIVITY TWO: Vegetational changes and
effect on avifauna in Spain

INTEREST IN WORKING WITH: Construction;
Manufacturing; Transportation; Utility; Local
Government; Conservation group; Professional
society; The Institute of Ecology; The Nat'l
Academy of Sciences; United Nations; U.S.
Federal Government; Central American;
Canadian; European, eastern; European,
western (995)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Channelization; Dredging,
filling; Levees/dikes; Canals/Channels; Water
quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M);
Middle Atlantic(6,M); Southeast(3); Central
America(1,M); Europe, western(2,M)

AVAILABILITY (DAYS PER MONTH): A,5-10; S,?

<72>

Boufford, David E., 1941, BS, 1973,
Biology-352-0774
R.F.D. 2; Box 357; Keene, NH 03431, US

COMPETENCE: Entomology(3); Taxonomy(2)

RESEARCH ACTIVITY ONE: Biosystematic study of
Veronica Serpyllifolia

RESEARCH ACTIVITY TWO: Vascular flora of Cheshire
Co., New Hampshire

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2529)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M)

AVAILABILITY (DAYS PER MONTH): A,?, S,25

<73>

Bourque, Peter M., 1942, BS, 1964, Fish &
Wildlife Management, 207-435-3231
Maine Fish & Game Department; Fisheries
Division; Station Street; Ashland, ME 04732,
US

PRINCIPAL FIELD: Applied, practical research and
management in freshwater fishery biology
(coldwater)

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Transportation; Utility;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; USDA; DOE; PPA; HUD;

OSDI; HUD; Canadian

RESEARCH ACTIVITY ONE: Short term effects of
accretion on fish populations in Northern
Maine

RESEARCH ACTIVITY TWO: Effects of various
stocking rates in ponds on Bk. trout fishing
quality

RESEARCH ACTIVITY THREE: Predation on newly
stocked landlocked salmon

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(843)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Parks, recreational facilities; Pesticides,
herbicides; Soil erosion; Channelization;
Dredging, filling; Reservoirs/Dams;
Watershed, forest, range; Reservoir releases;
Flood control; Water quality control;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8,M)

<74>

Bowen, Vaughan T., 1915, PhD, 1948, Zoology,
617-548-1400
Chemistry Department; Woods Hole
Oceanographic Institution; Water St.; Woods
Hole, MA 02543, US

PRINCIPAL FIELD: Biogeochemistry of oceans with
special reference to trace elements
radionuclides and pollutants

COMPETENCE: Aquatic Ecology(2); Entomology(2);
Fishery Biology(2); Environmental
Pollution(2); Limnology(2); Marine
Biology(2); Oceanography(1); Population
Biology(2)

EXPERIENCE (AS CONSULTANT): Professional society;
The Nat'l Academy of Sciences; United
Nations; AEC; USDC; OST

RESEARCH ACTIVITY ONE: Radionuclides in oceans

RESEARCH ACTIVITY TWO: Plutonium in Lake Ontario

RESEARCH ACTIVITY THREE: Openocean organisms
response to pollution

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government
(1494)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides,
herbicides; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(23);
Middle Atlantic(13)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<75>
 Boynton, Delano K., Jr., 1940, MS, 1972, Ecology,
 703-557-2127
 Office of Water Programs Operations;
 Environmental Protection Agency; Washington,
 DC 20460, US

PRINCIPAL FIELD: Water Quality Criteria; Plankton
 Population Modeling; Field Ornithology

COMPETENCE: Environmental Pollution(2);
 Limnology(3); Ornithology(2); Plant
 Ecology(3); Population Biology(2); Systems
 Analysis(1); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing;
 Conservation group; EPA

RESEARCH ACTIVITY ONE: Two mathematical models of
 plankton-algae food chain

RESEARCH ACTIVITY TWO: Water quality criteria,
 lake restoration

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1777)

IMPACT ASSESSMENT EXPERIENCE: Water quality
 control

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic(7,M); Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<76>
 Bradley, Sterling G., 1932, PhD, 1954, Biology,
 703-770-4622
 Microbiology; Virginia Commonwealth
 University; 312 N College Street; Richmond,
 VA 23298, US

PRINCIPAL FIELD: Action of Antibiotics and
 Regulation of Antibiotic Biosynthesis

COMPETENCE: Bacteriology(1); Biochemistry(2);
 Environmental Pollution(3); Genetics(2);
 Immunology(2); Microbiology(1);
 Parasitology(3); Systematics(2); Taxonomy(2);
 virology(2)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
 or city government; Local or regional
 planning group; Civic action group;
 Conservation group; Professional society;
 HEW; NSF; Central American

RESEARCH ACTIVITY ONE: Environmental impact panel

RESEARCH ACTIVITY TWO: Antibiotic biosynthesis

INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Transportation;
 Utility; Local Government; Conservation or
 Scientific Group; United Nations; U.S.
 Federal Government; Other Governments (3902)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Highways; Parks, recreational facilities;
 Pesticides, herbicides; Canals/Channels;
 Watershed, forest, range; Water supply; Water
 quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(17); Southeast(4); Central America(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<77>
 Bradley, Sterling G., 1932, PhD, 1954, Biology,
 703-770-4622
 Microbiology; Virginia Commonwealth
 University; Richmond, VA 23298, US

PRINCIPAL FIELD: Control of antibiotic
 biosynthesis and actions of antibiotics

COMPETENCE: Bacteriology(1); Biochemistry(3);
 Biostatistics(3); Environmental Pollution(3);
 Genetics(2); Immunology(2); Microbiology(1);
 Parasitology(3); Physiology(2);
 Systematics(2); Taxonomy(2); Virology(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing; Local or
 regional planning group; Civic action group;
 Conservation group; Professional society;
 HEW; Central American

RESEARCH ACTIVITY ONE: Environmental impact panel

RESEARCH ACTIVITY TWO: Antibiotic action

RESEARCH ACTIVITY THREE: Antibiotic development

INTEREST IN WORKING WITH: Agriculture;
 Manufacturing; Transportation; Utility; Local
 government; County or city government; Local
 or regional planning group; State government;
 Conservation or Scientific Group; Civic
 action group; Conservation group;
 Professional society; The Institute of
 Ecology(TIE); The Nat'l Academy of Sciences
 INRC; International Organizations; United
 Nations; World Bank; IUCN; U.S. Federal
 Government; USDA; AEC; USDC; CC; COE; DOD;
 EPA; HEW; HUD; USDI; NSF; OST; AID; DOT;
 Other Governments; Asian; African; Central
 American; Canadian; European, eastern;
 European, western; South American (16)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Reservoirs/Dams; Water supply;
 Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(17); Central America(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<78>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<78>

Bradshaw, William N., 1928, PhD, 1962,
Zoology (Ecol.), 304-293-3120
Department of Biology; West Virginia
University; Morgantown, WV 26506, US

PRINCIPAL FIELD: Experimental vert. ecology and
cytogenetics with emphasis on mammal
populations

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Oceanography(2); Physiology(2);
Population Biology(2); Systematics(1)

RESEARCH ACTIVITY ONE: Vertebrate watershed survey

RESEARCH ACTIVITY TWO: Cytogenetic analysis of
chromosome analysis

RESEARCH ACTIVITY THREE: Reproductive pattern in
wild mice

INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3754)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(10,M);
Middle Atlantic(11,M)

AVAILABILITY (DAYS PER MONTH): A,4.5; S,30

<79>

Brockmann, Maxwell C., 1910, PhD, 1946,
Physiology, 617-232-7897
Animal Products Food Division; U.S. Army
Natick Laboratories; Natick, MA 01760, US

PRINCIPAL FIELD: Preservation of Food Without
Refrigeration

COMPETENCE: Animal Husbandry; Bacteriology(2);
Biochemistry(2); Food Sciences(1);
Fermentation(2); Microbiology(2);
Nutrition(2); Physiology

EXPERIENCE (AS EMPLOYEE): Manufacturing; DOD

RESEARCH ACTIVITY ONE: Freeze Drying Food

RESEARCH ACTIVITY TWO: Water Activity and Food
Preservation

RESEARCH ACTIVITY THREE: Reversible Compression
of Food

INTEREST IN WORKING WITH: Manufacturing; State
government; Professional society; The
Institute of Ecology (TIE); The Nat'l Academy
of Sciences; United Nations; World Bank; PAE;
USDA; AEC; COE; DOD; EPA; HEW; NSF; OST; AID;
Canadian; European, eastern; European,
western (2059)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(25); South Central(8); North east(8)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<80>

Brown, Charles L., 1936, MS, 1960, Biol.
Oceanog., 203-442-0771
Oceanography Code TA13; Navy Underwater
Systems Center; New London, CT 06320, US

PRINCIPAL FIELD: Organization and Management of
Environmental Field Studies

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(1); Biostatistics(3); Environmental
Pollution(1); Limnology(2); Marine
Biology(1); Oceanography(1); Plant
Ecology(2); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): DOD; HEW

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; Conservation group; United
Nations; CC; EPA

RESEARCH ACTIVITY ONE: Dredging Thames River, CT

RESEARCH ACTIVITY TWO: Elasting impact marine cove

RESEARCH ACTIVITY THREE: Inland wetlands bill

INTEREST IN WORKING WITH: Construction;
Manufacturing; Transportation; Utility;
County or city government; State government;
Civic action group; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences; United Nations; AEC; USDC; COE;
USDI; NSP; OST; DOT; Canadian (788)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Dredging, filling; Water
quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12)

<81>

Brown, James H. Jr., 1934, DF, 1965, Forest
Ecology, 401-792-2370
Forest and Wildlife Management; University of
Rhode Island; Kingston, RI 02881, US

PRINCIPAL FIELD: Forest soil water relations

COMPETENCE: Forestry(1); Plant ecology(1); Soil
Science(2); Water Resources Management(1)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Regeneration following
cutting in mixed oak

RESEARCH ACTIVITY TWO: Net precipitation in mixed
oak stands

RESEARCH ACTIVITY THREE: Patterns of soil
moisture depletion in oaks

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Canadian; European, eastern; European,
western; South American (2522)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); Northeast(13,M); Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,1; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<82>

Brown, Jerry, 1936, PhD, 1962, Arctic Soils,
603-643-3200
US Army Colds Engineers; U.S. Army Corp
Regions Research Eng. Lab.; Box 282; Hanover,
NH 03755, US

PRINCIPAL FIELD: Arctic Soils, Permafrost, Tundra
Ecology Environmental Management in Cold
Regions

COMPETENCE: Agronomy(2); Agricultural Science(2);
Plant Ecology(3); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): COE; DOD

RESEARCH ACTIVITY ONE: U.S. Tundra Biome IBP

RESEARCH ACTIVITY TWO: Cold Region Ecology and
Terrain

RESEARCH ACTIVITY THREE: Oil Spill and Clean Up

INTEREST IN WORKING WITH: The Institute of
Ecology (TIE); The Nat'l Academy of Sciences
INRC; United Nations; IUCR; U.S. Federal
Government; Canadian; European, eastern;
European, western; South American (3117)

GEOGRAPHIC FAMILIARITY (YEARS): Alaska(15)

AVAILABILITY (DAYS PER MONTH): NA

<83>

Brown, Russell G., 1905, PhD, 1934, Plant
Physiology, 301-454-3812
Dept. of Botany; University of Maryland;
College Park, MD 20742, US

PRINCIPAL FIELD: Ecology and taxonomy of vascular
plants of Maryland

COMPETENCE: Agronomy(3); Animal Husbandry(3);
Aquatic Ecology(3); Forestry(3);
Horticulture(3); Plant Ecology(1);
Physiology(3); Systematics(3); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Transportation; Conservation group

RESEARCH ACTIVITY ONE: Woody plants of Maryland

RESEARCH ACTIVITY TWO: Marsh-tidal vascular plants

RESEARCH ACTIVITY THREE: Ecological survey-power
plant sites

INTEREST IN WORKING WITH: Local Government; COE;
HEW; HUD (832)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(43)

AVAILABILITY (DAYS PER MONTH): A,2; S,10

<84>

Brown, Thomas E., 1925, PhD, 1954, Plant
Physiology, 609-625-1111
Dept. Biology & Chemistry; Atlantic Community
College; Mays Landing, NJ 08330, US

PRINCIPAL FIELD: Plant physiology (algal) - role
of pigments - photosynthesis - pollution

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(2); Horticulture(3); Marine
Biology(2); Oceanography(2); Plant
Ecology(3); Physiology(1)

EXPERIENCE (AS EMPLOYEE): Civic action group

EXPERIENCE (AS CONSULTANT): County or city
government; Civic action group

RESEARCH ACTIVITY ONE: The use of model
ecosystems for the study of water pollution

RESEARCH ACTIVITY TWO: Control of algal pollution

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (443)

IMPACT ASSESSMENT EXPERIENCE: Model systems

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(22); West Indies(0.5)

AVAILABILITY (DAYS PER MONTH): A,8; S,all

<85>

Browne, Francis X., 1943, PhD, 1971, Envir.
Engr., 215-825-3800
Industrial Concept; Betz Environmental
Engineers, Inc.; 1 Plymouth Meeting Mall;
Plymouth Meeting, PA 19462, US

PRINCIPAL FIELD: Water pollution control -
physical, chemical, and biological, and
aquatic ecology

COMPETENCE: Aquatic Ecology(2); Bacteriology(3);
Biochemistry(3); Biostatistics(3);
Environmental Pollution(1); Limnology(1);
Eutrophication Analysis(1); Microbiology(3);
Physiology(3); Soil Science(3); Systems
Analysis(3); Water Resources Management(2)

EXPERIENCE (AS CONSULTANT): Manufacturing;
Utility; County or city government; Local or
regional planning group; State government;
Civic action group; Conservation group; COE;
DOD; EPA

RESEARCH ACTIVITY ONE: ATP in plankton as measure
of biomass and activity

RESEARCH ACTIVITY TWO: Biological treatment of
resorcinol wastewater

RESEARCH ACTIVITY THREE: Physical-chemical
treatment of oil-ballast water

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (351)

IMPACT ASSESSMENT EXPERIENCE: Highways; Soil
erosion; Water Resource Development(Genl);
Channelization; Dredging, filling;
Reservoirs/Dams; Canals/Channels; Flood
control; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M);
Southeast(3,M)

<86>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<86>

Browne, Malcolm E., 1947, BA, 1969, Biological
Oceanography, 703-857-4609
Institute of Oceanography; P.O. Box 6173;
Norfolk, VA 23508, US

PRINCIPAL FIELD: Phytoplankton and zooplankton
ecology of estuaries

COMPETENCE: Aquatic Ecology(3); Environmental
Pollution(3); Marine Biology(3);
Oceanography(2)

RESEARCH ACTIVITY ONE: Survey of zooplankton of
Eastern Shore Virginia

INTEREST IN WORKING WITH: Local Government;
Conservation group; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; United Nations; U.S. Federal
Government; Canadian; European, eastern;
European, western (842)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(1,M); Hawaii(2)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<87>

Bruning, Donald F., 1942, MA, 1967, Zoology,
212-367-8596
New York Zoological Society; New York
Zoological Park; Bronx, NY 10460, US

PRINCIPAL FIELD: Ornithology

COMPETENCE: Anatomy(3); Animal Ecology(3); Animal
Husbandry(1); Horticulture(3);
Ornithology(1); Paleontology(3); Reproductive
Biology(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Conservation group

EXPERIENCE (AS CONSULTANT): USDI

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1910)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Rocky Mountain(3); Southwest(0.5);
Northeast(5); South America(0.5)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<88>

Brush, Alan H., 1934, PhD, 1965, Zoology,
203-486-4327
Biological Sciences; University of
Connecticut; Storrs, CT 06268, US

PRINCIPAL FIELD: Comparative Biochem., Molecular
Systematics Environmental Physiology

COMPETENCE: Biochemistry(2); Genetics(3);
Ornithology(1); Physiology(1); Systematics(1)

INTEREST IN WORKING WITH: Transportation; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (2397)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(10,M); Northeast(8,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<89>

Bryson, William T., 1949, MS, 1973, Fisheries,
703-951-5507
Fisheries & Wildlife; VPI & SU; 106 Cheatham
Hall; Blacksburg, VA 24061, US

COMPETENCE: Aquatic Ecology(3); Environmental
Pollution(3); Genetics(3); Limnology(3)

RESEARCH ACTIVITY ONE: Restocking polluted stream

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1830)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,?; S,?; Student

<90>

Buchanan, Rugh, 1931, PhD, 1970, Geology,
304-293-5603
Geology and Geography; West Virginia
University; 310 White Hall; Morgantown, WV
26506, US

PRINCIPAL FIELD: Sedimentology and Paleocology
of Modern and Ancient Carbonate Sediments

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Marine Biology; Oceanography;
Paleontology(1); Taxonomy; Paleocology(1);
Sedimentology(1)

RESEARCH ACTIVITY ONE: Paleocology of Tichenor
Limestone

RESEARCH ACTIVITY TWO: Foraminiferal-Algal
Colonies Bahamas

RESEARCH ACTIVITY THREE: Sedimentology-Ecology
Modern Carbonates, Bahamas

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Governments; Other Governments (2088)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(0.1);
South Central(2); Northeast(9,M);
Bahamas(0.2,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<91>
Buck, John D., 1935, PhD, 1965, Marine Science,
203-536-4233
Marine Research Lab.; University of
Connecticut; Noank, CT 06340, US

PRINCIPAL FIELD: Marine microbiology

COMPETENCE: Aquatic Ecology (2); Bacteriology (1);
Biochemistry (3); Food Sciences (2);
Environmental Pollution (1); Limnology (3);
Marine Biology (2); Microbiology (1);
Oceanography (2); Taxonomy (3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; COE; EPA

RESEARCH ACTIVITY ONE: Ecology and taxonomy of
marine yeasts

RESEARCH ACTIVITY TWO: Sewage effect on estuaries

RESEARCH ACTIVITY THREE: Thermal effect on the
Connecticut River

INTEREST IN WORKING WITH: Utility; Local
government; COE; EPA; RSP (3)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (10,M);
Southeast (5,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,10

<92>
Buol, Stanley W., 919-755-2636
330 Williams Hall; North Carolina State
University; Raleigh, NC 27607, US

PRINCIPAL FIELD: Soil Classification Genesis and
Mapping Soil Interpretation Land Use

COMPETENCE: Agronomy (2); Agricultural Science (2);
Forestry (2); Plant Ecology (3); Range
Science (3); Soil Science (1); Taxonomy (2)

EXPERIENCE (AS EMPLOYEE): State government; USDA;
AID

EXPERIENCE (AS CONSULTANT): Agriculture; United
Nations; USDA; COE; AID; African; Central
American; South American

RESEARCH ACTIVITY ONE: Fate of animal waste in
soils

RESEARCH ACTIVITY TWO: Tropical soils

RESEARCH ACTIVITY THREE: Soil survey

INTEREST IN WORKING WITH: Agriculture; State
government; The Institute of Ecology; The
Nat'l Academy of Sciences; International
Organizations; United Nations; U.S. Federal
Government; USDA; AID; African; Central
American; South American (1237)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (5,M);
North Central (4); Southeast (7,M); Central
America (0.5,M); South America (0.5,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,30

<93>
Burgess, George R., 1949, BS, 1972,
Zoology-933-1175
17-7 Venable Hall; Curriculum in Marine
Sciences; Chapel Hill, NC 27514, US

PRINCIPAL FIELD: Estuarine Ecology, Especially in
Relation to Fish Fauna

COMPETENCE: Anatomy (3); Animal Behavior (3);
Animal Ecology (2); Aquatic Ecology (2);
Biostatistics (3); Fishery Biology (3);
Environmental Pollution (3); Limnology (3);
Marine Biology (2); Oceanography (2);
Ornithology (3); Systematics (3); Taxonomy (3)

RESEARCH ACTIVITY ONE: Effects of zinc, chromium
and nickel on an estuarine teleost

RESEARCH ACTIVITY TWO: Ecology of intracoastal
waterway, Beaufort, North Carolina

INTEREST IN WORKING WITH: Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (3531)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (M);
Southeast (1,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<94>
Burk, Carl J., 1935, PhD, 1961, Plant
Taxonomy/Ecology, 413-584-2700
Biological Sciences; Smith College;
Northampton, MA 01060, US

PRINCIPAL FIELD: Ecology and floristics of
freshwater marshes and coastal ecosystems

COMPETENCE: Aquatic Ecology (3); Plant Ecology (1);
Systematics (1); Taxonomy (1)

RESEARCH ACTIVITY ONE: Ecology of marsh vegetation

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; COE; EPA;
USDI; NSF (1326)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (12)

AVAILABILITY (DAYS PER MONTH): A,2; S,20

<95>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<95>

Burrell, Robert, 1933, PhD, 1958, Bacteriology,
304-293-1446
Dept. of Microbiology; West Virginia
University; Medical Center; Morgantown, WV
26506, US

PRINCIPAL FIELD: Immunology of chronic lung
diseases especially occupational related

COMPETENCE: Bacteriology (2); Environmental
Pollution (3); Immunology (1); Microbiology (2);
Plant Pathology (3); Virology (2)

EXPERIENCE (AS CONSULTANT): Conservation group;
BEW; NSF

RESEARCH ACTIVITY ONE: Delayed hypersensitivity
to beryllium compounds

RESEARCH ACTIVITY TWO: The effect of lung
antibody on experimental pneumoconiosis

RESEARCH ACTIVITY THREE: An experimental model
for hypersensitivity pneumonitis

INTEREST IN WORKING WITH: Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; COE; EPA; BEW; USDT;
NSF; Canadian (1950)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (genl); Reservoirs/Dams; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (1);
Middle Atlantic (14)

<96>

Burton, Gerald L., 1940, BS, 1968, Biology,
704-497-9235
Bureau of Sport Fisheries and Wildlife; P.O.
Box 18; Cherokee, NC 28719, US

PRINCIPAL FIELD: Reporting on the Effects of
Water Resource Projects Upon Fish and Wildlife

COMPETENCE: Anthropology (3); Aquatic Ecology (1);
Entomology (3); Fishery Biology (1);
Environmental Pollution (3); Limnology (2);
Ornithology (1); Paleontology (3); Plant
Ecology (2); Taxonomy (3); Water Resources
Management (1); Wildlife Management (2)

EXPERIENCE (AS EMPLOYEE): Conservation group

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; County or city government;
Local or regional planning group; State
government; Civic action group; USDA; AEC;
CC; COE; DOD; EPA; DOT

RESEARCH ACTIVITY ONE: Pond management

RESEARCH ACTIVITY TWO: Trout stream management

RESEARCH ACTIVITY THREE: Trout pond management

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4057)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Forestry; Highways;
Parks, recreational facilities; Pesticides,
herbicides; Soil erosion; Tailings, spoils
disposal; Water Resource Development (Genl);
Channelization; Dredging, filling;
Reservoirs/Dams; Levees/dikes;
Canals/Channels; Watershed, forest, range;
Reservoir releases; Hydroelectric power;
Navigation; Flood control; Irrigation; Water
supply; Water quality control; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (3);
North Central (1); South Central (2)

AVAILABILITY (DAYS PER MONTH): A,22

<97>

Busack, Stephen D., 1944, BS, 1967, Vertebrate
Zoology, 202-381-6173
Herpetology Section; Bird and Mammal Labs.;
U.S. Natl. Museum; 10th and Constitution;
Washington, DC 20560, US

PRINCIPAL FIELD: Lizard ecology

COMPETENCE: Animal Behavior (3); Aquatic
Ecology (3); Entomology (3); Ornithology (3);
Physiology (3); Population Biology (1);
Reproductive Biology (3); Systematics (3)

EXPERIENCE (AS EMPLOYEE): State government; USDI

RESEARCH ACTIVITY ONE: Presaharan ecosystem in
Southern Tunisia

RESEARCH ACTIVITY TWO: Biogeography herpetofauna
Southern Spain

RESEARCH ACTIVITY THREE: Biogeography
herpetofauna, Morocco

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Asian; African; Central American;
European, western; South American (482)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (1);
Hawaii (0.25); Asia (0.25); Africa (0.25);
Europe, western (4,8)

AVAILABILITY (DAYS PER MONTH): S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<98>
 Busby, Charles C., 1947, BA, 1969, Biology,
 401-847-8000
 Environmental Research; Raytheon Co.; Box
 360; Portsmouth, RI 02871, US

PRINCIPAL FIELD: Thermal and industrial effluent
 effects upon aquatic ecosystems

COMPETENCE: Anatomy(3); Animal Behavior(3);
 Animal Ecology(3); Aquatic Ecology(2);
 Bacteriology(3); Fishery Biology(3);
 Environmental Pollution(2); Limnology(2);
 Marine Biology(2); Oceanography(2); Plant
 Ecology(3); Taxonomy(3); Thermal Pollution(2)

EXPERIENCE (AS CONSULTANT): Construction;
 Manufacturing; Utility; State government;
 AEC; EPA

RESEARCH ACTIVITY ONE: Thermal effects, Atlantic
 Coastal Estuary

RESEARCH ACTIVITY TWO: Chemical effluents, Gulf
 of Mexico-Brazos River

RESEARCH ACTIVITY THREE: Nuclear siting study,
 Missouri River ecology

INTEREST IN WORKING WITH: Utility; State
 government; Conservation group; Professional
 society; The Institute of Ecology(TIE); The
 Nat'l Academy of Sciences INRC; International
 Organizations; United Nations; World Bank;
 AEC; COE; EPA; HEW; OSDI; NSF (120)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Soil erosion; Water
 Resource Development(GENL); Channelization;
 Dredging, filling; Levees/dikes; Coastal
 protection/jetties; Canals/Channels; Water
 quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2,M)

<99>
 Bushman, John B., 1926, MS, 1955, Zoology,
 202-693-7291
 Planning Div. Civil Works; Corps of
 Engineers; 1000 Independence Ave.;
 Washington, DC 20314, OS

PRINCIPAL FIELD: Life history, ecology of birds
 and mammals and wildlife diseases

COMPETENCE: Animal Ecology(1); Bacteriology(2);
 Entomology(3); Microbiology(2);
 Ornithology(1); Plant Ecology(2)

EXPERIENCE (AS EMPLOYEE): COE; DOD

RESEARCH ACTIVITY ONE: Chemical residues in
 livestock native rodents

RESEARCH ACTIVITY TWO: Life history and ecology
 of birds and mammals

RESEARCH ACTIVITY THREE: Life history, ecology
 and migration of pelagic birds

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government (2349)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
 Mountain(20,M); Hawaii(7); Alaska(6); Pacific
 Islands

<100>
 Byrne, John M., 1933, PhD, 1969, Botany,
 703-951-5407
 Dept. of Biology; Virginia Polytechnic
 Institute & State University; Blacksburg, VA
 24061, US

PRINCIPAL FIELD: Developmental plant anatomy

COMPETENCE: Anatomy(1); Plant Ecology(3);
 Systematics(2); Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): COE

RESEARCH ACTIVITY ONE: Environmental analysis of
 three dam sites

INTEREST IN WORKING WITH: Private Sector;
 Conservation or Scientific Group; U.S.
 Federal Government (450)

IMPACT ASSESSMENT EXPERIENCE: Watershed, forest,
 range

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(10); Middle Atlantic(8); Southeast(M)

AVAILABILITY (DAYS PER MONTH): A,4; S,30

<101>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<101>

Caccamise, Donald F., 1943, PhD, 1971, Vert.
Ecology, 201-247-1766
Entomology Economic Zool.; Rutgers the State
University; New Brunswick, NJ 08903, US

PRINCIPAL FIELD: Vertebrate ecology -
evolutionary physiological and population
relationships

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(2); Biostatistics(3); Limnology(3);
Ornithology(2); Plant Ecology(3); Population
Biology(2); Systematics(3); Wildlife
Management(2)

EXPERIENCE (AS EMPLOYEE): State government; OSDA

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Environmental impact of
electrical transmission

RESEARCH ACTIVITY TWO: Control of bird
depredation on Agricultural crops

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3094)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Hydroelectric power

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(M); Southwest(5,M); Northeast(1);
Mexico

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<102>

Cahn, Phyllis R., 1928, PhD, 1957, Vertebrate
Zoology, 516-485-8881
Marine Science; Long Island University; C.W.
Post College; 40 Herrick Ave., East Meadow;
LI., NY 11554, US

PRINCIPAL FIELD: Fish sensory systems as related
to different environments

COMPETENCE: Animal Behavior(2); Marine
Biology(2); Ichthyology(1)

RESEARCH ACTIVITY ONE: Fish and pollution

RESEARCH ACTIVITY TWO: Mercury in fish and
plankton and water

INTEREST IN WORKING WITH: State government; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; United Nations; U.S. Federal
Government; Asian; European, western (3772)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(24,M);
Middle Atlantic(M); Hawaii(0.5)

AVAILABILITY (DAYS PER MONTH): A,4; S,15

<103>

Cairns, Jr., John, 1923, PhD, 1953, Biology,
703-951-5538
Center Environmental Studies; Virginia
Polytechnic Institute & State University;
Blacksburg, VA 24061, US

PRINCIPAL FIELD: Aquatic community response to
pollution

COMPETENCE: Animal Ecology(3); Biophysics(3);
Aquatic Ecology(1); Environmental
Pollution(1); Limnology(3); Microbiology(3);
Population Biology(1); Water Resources
Management(1)

EXPERIENCE (AS CONSULTANT): Manufacturing;
Mining; Utility; County or city government;
Local or regional planning group; State
government; Civic action group; Conservation
group; Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences
INBC; AEC; CC; COE; EPA; HEW; USDI; NSP

RESEARCH ACTIVITY ONE: Rapid biological
information systems

RESEARCH ACTIVITY TWO: Recovery of damaged rivers

RESEARCH ACTIVITY THREE: Protozoan community
structure

INTEREST IN WORKING WITH: Manufacturing; Mining;
Utility; Local Government; Conservation or
Scientific Group; AEC; CC; COE; EPA; HEW;
HUD; USDI; NSP; OST; AID (302)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides,
herbicides; Soil erosion; Water Resource
Development(GENL); Reservoirs/Dams; Reservoir
releases; Hydroelectric power; Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.75); North Central(4); Middle
Atlantic(20); Canada, eastern(0.25); South
America(0.25)

AVAILABILITY (DAYS PER MONTH): A,2 days per year

TABLE 1 - RESPONDENTS
(ALPHABETIC LISTING)

<104>
Camongis, George, 1930, PhD, 1958, Biology,
617-752-0554
New England Research, Inc.; 100 Grove Street;
Worcester, MA 01605, US

PRINCIPAL FIELD: Physiology and Toxicology of
Aquatic Animals, Especially Nervous Systems

COMPETENCE: Anatomy(3); Animal Behavior(2);
Animal Ecology(3); Aquatic Ecology(2);
Biochemistry(3); Biophysics(2); Fishery
Biology(3); Environmental Pollution(2);
Immunology(3); Marine Biology(3);
Oceanography(3); Pest Control(3);
Physiology(1); Water Resources Management(2);
Pharmacology & Toxicology(1)

EXPERIENCE (AS CONSULTANT): Construction;
Transportation; County or city government;
State government; COE; NSF

RESEARCH ACTIVITY ONE: Neuropharmacology of
pyrethrum

RESEARCH ACTIVITY TWO: Water quality studies
in sewer systems, Massachusetts

RESEARCH ACTIVITY THREE: Water quality studies
Piverine systems, Mass.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1239)

IMPACT ASSESSMENT EXPERIENCE: Highways;
Pesticides, herbicides; Water Resource
Development (Genl); Reservoirs/Dams; Water
supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (19,M);
Middle Atlantic(1)

AVAILABILITY (DAYS PER MONTH): No Specific Limits

<105>
Elliott, Wofford B., Jr., 1923, BS, 1947, Agronomy,
203-862-6658
W.D. Corp. Jr., Inc.; 23 Kenilworth Terrace;
Greenwich, CT 06830, US

PRINCIPAL FIELD: Agribusiness management

COMPETENCE: Agronomy(1); Agricultural Science(1);
Animal Husbandry(2); Food Sciences(3);
Horticulture(1); Management-Research
Operations(1); Pest Control(3); Plant
Ecology(2); Plant Pathology(3);
Physiology(2); Range Science(3); Soil
Science(1); Water Resources Management(2);
Agribusiness Management(1)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE AS CONSULTANT: Agriculture; USDA

RESEARCH ACTIVITY ONE: The agribusiness council,
Inc.

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Local Government;
International Organizations; The Institute of

Ecology; The Nat'l Academy of Sciences INRC;
International Organizations; U.S. Federal
Government; Other Governments (384)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion; Water Resource Development (Genl);
Reservoirs/Dams; Levees/dikes; Watershed,
forest, range; Reservoir releases; Flood
control; Irrigation; Water supply

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(25); Southwest(25,M); Southeast(15);
Asia(0.5); Africa(0.5); Mideast(1)

AVAILABILITY (DAYS PER MONTH): Now working on
masters degree 1973 and part 1974

<106>
Cannon, Robert E., 1946, PhD, 1972, Biological
Sciences
Dept. of Biology; University of North
Carolina; Greensboro, NC 27412, US

PRINCIPAL FIELD: Microbial Ecology; Algal Virology

COMPETENCE: Bacteriology(2); Immunology(1);
Microbiology(2)

RESEARCH ACTIVITY ONE: Lysogeny in blue-green
algae

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1295)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (4,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

<107>
Cardenas, Paul P., Jr., 1929, PhD, 1970,
Environmental Health Science, 212-584-0700
Civil Engineering; School of Engineering &
Science, Bronx, NY 10453, US

PRINCIPAL FIELD: Pollution - Aquatic, Solid
Wastes (Compo-10)

COMPETENCE: Aquatic Biology(1); Bacteriology(1);
Biochemistry(2); Environmental Pollution(1);
Limnology(2); Water Pollution(1);
Microbiology(1); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): County or city
government; State government; Civic action
group; Conservation group; EPA

RESEARCH ACTIVITY ONE: Consultant - US Attorney's
Office, So. Dist. New York

RESEARCH ACTIVITY TWO: Consultant - Ecology, Inc.

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; USDA; IEC, CC;
COE; EPA; HEW; USDI; NSF; OST; Other
Governments (3377)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(7);
Northeast(12,M); Asia(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

1984 - RESPONDENTS
(ALPHABETICAL LISTING)

<108>
Cargille, Charles M., 1934, MD, 1961, Medicine,
107-256-3001
Reproduction Research Br.; National Institute
of Child Health & Human Development; N.I.H.,
Bethesda, MD 20014, US
PRINCIPAL FIELD: Effects of Environmental
Pollution upon Avian and Mammalian
Reproduction
KNOWLEDGE: Environmental Pollution(2);
Information Science(2); Population
Science(1); Physiology(2); Reproductive
Biology(1)
EXPERIENCE (AS EMPLOYED): HEW
RESEARCH ACTIVITY ONE: Full time research since
1966 - reproductive biology pituitary fna
physiology
INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; HEW; NSF; OST; AID (779)
IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides
AVAILABILITY (DAYS PER MONTH): South Central(1);
Middle Atlantic(9,M)
<109>
Carpenter, Edward J., PhD, 1969, Zoology
Woods Hole Oceanographic Institution; Woods
Hole, MA 02543, US
PRINCIPAL FIELD: Thermal pollution and
phytoplankton
COMPETENCE: Aquatic Ecology(1); Fishery
Biology(2); Environmental Pollution(1);
Limnology(2); Marine Biology(1);
Microbiology(3); Oceanography(1); Taxonomy(1)
RESEARCH ACTIVITY ONE: Count and identify marine
phytoplankton
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1997)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,4);
Southeast(5,M)
AVAILABILITY (DAYS PER MONTH): A,5; S,5
<110>
Carr, Donn E., 1941, BS, 1960, Biology,
107-256-3001
308 Roberts Hall; Cornell University; Ithaca
NY 14850, US
PRINCIPAL FIELD: Comparative vertebrate
ethology-all vertebrate classes-esp. mamm.
predatory behavior
KNOWLEDGE: Anatomy(3); Animal Behavior
Animal Husbandry(2); Biochemistry(2);
Physiology(2); Population Biology(3);
Reproductive Biology(3)
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (95)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4,M);
Middle Atlantic(1); Africa(3,M)
AVAILABILITY (DAYS PER MONTH): A,0; S,20
<111>
Carr, Jerome B., 1938, PhD, 1971, Oceanography,
617-272-7910
Environmental Division; Analytical Systems
Corporation;; 11 Ray Ave; Burlington, MA
01803, US
PRINCIPAL FIELD: Ocean and Lake Dynamics and
Thermal Structure
COMPETENCE: Anthropology(3); Environmental
Pollution(1); Limnology(1); Geophysics(1);
Oceanography(1); Soil Science(3); Systems
Analysis(1); Water Resources Management(1);
Meteorology(2)
EXPERIENCE (AS CONSULTANT): Manufacturing;
Transportation; Local or regional planning
group
RESEARCH ACTIVITY ONE: Ocean's Thermal Structure
Studies
RESEARCH ACTIVITY TWO: Land Use and Water
Interrelationships
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
CC; COE; DOD; EPA; HEW; HUD; OSDI; NSF; OST;
DOT (3963)
GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Northeast(10,M); Middle Atlantic(1,M)
AVAILABILITY (DAYS PER MONTH): A,20; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<112>

Carriger, Melbourne B., 1915, Ph.D. 1943,
Invertebrate Zoology, 617-548-3705
Marine Biological Laboratory; MBL Street;
Woods Hole, MA, US

PRINCIPAL FIELD: Shell penetration by organisms,
malacology, invertebrate zoology,
marine-estuarine ecology; science
administration; scientific writing

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): Conservation group;
Professional society; EOP; NSF

RESEARCH ACTIVITY ONE: Member President's Water
Pollution Control Advisory Board, EPA

RESEARCH ACTIVITY TWO: Connecticut Yankee Atomic
Power Plant, biological study

RESEARCH ACTIVITY THREE: Director,
Systematics-Ecology Program, Marine
Biological Laboratory, Woods Hole, Mass.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (89)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Northeast(10,M); Middle Atlantic(9);
Southeast(6)

AVAILABILITY (DAYS PER MONTH): A,5; S,7

<113>

Cassin, Joseph M., 1926, Ph.D. 1968, Marine
Ecology, 516-289-7300
Adelphi University; Garden City, NY 11530, US

PRINCIPAL FIELD: Marine Microbiology -
Phytoplankton Taxonomy Water Quality and
Sediment Analysis

COMPETENCE: Aquatic Ecology(1); Bacteriology(1);
Environmental Pollution(2); Limnology(2);
Marine Biology(1); Microbiology(1);
Oceanography(2); Plant Ecology(3); Population
Biology(3); Systematics(1); Systems
Analysis(3); Taxonomy(1); Water Resources
Management(1); Phytoplankton Taxonomy

EXPERIENCE (AS EMPLOYEE): Construction;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group

RESEARCH ACTIVITY ONE: Microbiology so. shore
Long Island

RESEARCH ACTIVITY TWO: Ecological effects
transport facilities

RESEARCH ACTIVITY THREE: Westchester County
lentic-lotic study phytofab

INTEREST IN WORKING WITH: Construction;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Conservation or Scientific
Group; Conservation group; International
Organizations; COE; EPA; DOT; Asian; African
(1970)

IMPACT ASSESSMENT EXPERIENCE: Highways; Water
Resource Development(Genl); Dredging,
filling; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): South Central(3);
Northeast(15,M); Middle Atlantic(2); Bahamas

AVAILABILITY (DAYS PER MONTH): A,8; S,30

<114>

Cassista, A. Jon, 1941, Ph.D. 1971, Biology,
617-285-7722
Department of Biology; Wheaton College;
Norton, MA 02766, US

PRINCIPAL FIELD: Analysis of phytotoxic effects
of chemical pollutants, especially pesticides

COMPETENCE: Aquatic Ecology(2); Biochemistry(2);
Forestry(2); Environmental Pollution(2);
Plant Ecology(2); Physiology(1)

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Conservation group

RESEARCH ACTIVITY ONE: Effect of Mirex on early
old-field succession

RESEARCH ACTIVITY TWO: Vernal cambial activity in
forest trees

INTEREST IN WORKING WITH: Agriculture; Utility;
County or city government; Local or regional
planning group; State government;
Conservation group; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
United Nations; World Bank; IUCN; U.S.
Federal Government; USDA; AEC; Other
Governments (3020)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(10,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,25

<115>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<115>

Castiglione, Louis J., 1944, PhD, 1973, Biology,
703-924-3761
Dept. of Environmental Science; University of
Virginia; Brooks Museum; Charlottesville, VA
22903, US

PRINCIPAL FIELD: Use of remote sensing to study
phytoplankton communities and water movement

COMPETENCE: Anatomy(3); Animal Ecology(3);
Aquatic Ecology(1); Biostatistics(2); Fishery
Biology(2); Environmental Pollution(1);
Limnology(1); Marine Biology(1);
Oceanography(1); Water Resources
Management(1); Remote Sensing(1)

RESEARCH ACTIVITY ONE: Aerial photographic study
of Montauk Pt. and Chesapeake Bay
phytoplankton communities

RESEARCH ACTIVITY TWO: Aerial photographic
studies of coastal waters of New York and
Long Island

INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; Other Governments (1169)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4);
Southeast(2)

<116>

Catalano, Raymond A., 1938, M, 1967, Biology,
417-938-2281
California State Col.; Biological Science
4200; California, PA 15413, US

PRINCIPAL FIELD: Macrobenthos synergisms of
riffle communities

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Environmental Pollution(2);
Limnology(2); Marine Biology(3);
Ornithology(3); Pest Control(2); Plant
Ecology(3); Population Biology(3)

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group; Professional society

RESEARCH ACTIVITY ONE: Biotin fluctuations in
acid mine waters

RESEARCH ACTIVITY TWO: Macrobenthic associations
in riffle waters

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Conservation or Scientific
Group; International Organizations; COE; EPA;
HEW; HSDI; NSF; OST; Canadian; European,
eastern, European, western; South American
(1969)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (FEM), Reservoirs/Dams,
Watershed, Forest, range; Water quality
control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountains(5,M); Middle Atlantic(10,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<117>

Chailer Jr., Jack D., 1947, MS, 1971,
Environmental Science, 914-737-3081
Ecological Services Division; Texas
Instruments Inc.; End of Ninth St.; Box 237;
Verplanck, NY 10511, US

PRINCIPAL FIELD: Chemical-physical aspects of
aquatic systems and biological relationships

COMPETENCE: Animal Ecology(2); Anthropology(2);
Aquatic Ecology(1); Bacteriology(2);
Biochemistry(2); Environmental Pollution(1);
Analytical Chemistry(1); Marine Biology(2);
Oceanography(2); Plant ecology(2); Soil
Science(2); Water Resources Management(2);
Geology(2); Meteorology(2)

EXPERIENCE (AS EMPLOYEE): Utility; University
Research Foundation

EXPERIENCE (AS CONSULTANT): Utility; County or
city government; Local or regional planning
group

RESEARCH ACTIVITY ONE: Environmental impacts
statement

RESEARCH ACTIVITY TWO: Research study proposal

RESEARCH ACTIVITY THREE: Chlorination study
proposal

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1669)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Tailings, spoils
disposal; Water Resource Development (FEM);
Hydroelectric power; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2,M);
Northeast(1,M)

AVAILABILITY (DAYS PER MONTH): A,2-15; S,2-15

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<118>
Chamberlain, James L., 1925, PhD, 1957,
Vertebrate Zoology, 315-792-3139
Dept. of Biology; Utica College; Utica, NY
13502, US

PRINCIPAL FIELD: Ecological relationships of
vertebrate animals; Ecology of wetland
environments

COMPETENCE: Anatomy (2); Animal Ecology (1);
Ornithology (2); Wildlife Management (2)

EXPERIENCE (AS EMPLOYEE): State government;
Conservation group; USDI

EXPERIENCE (AS CONSULTANT): County or city
government; USDA

RESEARCH ACTIVITY ONE: Ecology of the Mohawk
River floodplains

RESEARCH ACTIVITY TWO: Mammals of Blue Ridge
Mountains

RESEARCH ACTIVITY THREE: Small mammals of
Piedmont Forests

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (35)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Channelization;
Watershed, forest, range; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): South Central (2);
Northeast (10); Southeast (12, M)

AVAILABILITY (DAYS PER MONTH): A, B; S, 20

<119>
Chaplin, Stephen J., 1947, BA, 1969, Biology,
607-256-3076
Dept. of Entomology; Cornell University;
Comstock Hall; Ithaca, NY 14850, US

PRINCIPAL FIELD: Community Ecology

COMPETENCE: Animal Ecology (1); Entomology (2);
Ornithology (3); Paleontology (3); Plant
Ecology (3); Population Biology (3);
Reproductive Biology (2); Systematics (3);
Taxonomy (3)

EXPERIENCE (AS EMPLOYEE): Conservation group

RESEARCH ACTIVITY ONE: Ecological and
reproductive isolation in lygaeids

RESEARCH ACTIVITY TWO: Desert plant - arthropod
associations

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (996)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (1); Northeast (2); South America (1)

AVAILABILITY (DAYS PER MONTH): A, G; S, 0

<120>
Chapple, Eliot O., 1909, PhD, 1933, Anthropology,
914-359-0758
Psychosocial Therapies; Research Center,
Rockland State Hospital; Orangeburg, NY
10965, US

PRINCIPAL FIELD: Interactional properties of
individuals, their mutual and environmental
interdependence

COMPETENCE: Animal Behavior (1); Animal
Ecology (1); Anthropology (1);
Biostatistics (1); Genetics (1); Systems
Analysis (1); Biomathematics (1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): State government;
DSOA; HEW; USDI

RESEARCH ACTIVITY ONE: Treatment of adolescent
primary behavior disorders

RESEARCH ACTIVITY TWO: Workshop community center
for unmotivated adolescents

RESEARCH ACTIVITY THREE: System analysis of
individual patient care

INTEREST IN WORKING WITH: Private Sector; Local
Government; Professional society; The
National Academy of Sciences INRC;
International Organizations; U.S. Federal
Government (437)

AVAILABILITY (DAYS PER MONTH): A, ?; S, ?

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><121> Chase, Craig C., 1933, PhD, 1968, Outdoor Education, 812-294-1500 Environmental Education; Slippery Rock State College; Slippery Rock, PA 16057, US</p>	<p><123> Cheng, Thomas C., 1930, PhD, 1958, Biology, 215-691-7000 Pathobiology Department; Lehigh University; Bethlehem, PA 18015, US</p>
<p>PRINCIPAL FIELD: Human relationships with environment</p>	<p>PRINCIPAL FIELD: Immunity to parasites, shellfish diseases, molluscan biology</p>
<p>COMPETENCE: Environmental Pollution(1); Limnology(2); Plant Ecology(2); Systems Analysis(1); Water Resources Management(3); Wildlife Management(2)</p>	<p>COMPETENCE: Anatomy(3); Animal Behavior(2); Animal Ecology(2); Aquatic Ecology(2); Biochemistry(2); Fishery Biology(1); Food Sciences(2); Environmental Pollution(2); Immunology(3); Marine Biology(2); Parasitology(1); Physiology(1); Taxonomy(2)</p>
<p>EXPERIENCE AS EMPLOYER: Manufacturing; Construction; Manufacturing; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; The Institute of Ecology (TIE); TOE; BEW; NSF</p>	<p>RESEARCH ACTIVITY ONE: Shellfish diseases</p>
<p>RESEARCH ACTIVITY ONE: Using school environments for teaching experiences</p>	<p>RESEARCH ACTIVITY TWO: Schistosomiasis snail control</p>
<p>RESEARCH ACTIVITY TWO: Burning to promote prairie plant species</p>	<p>RESEARCH ACTIVITY THREE: Parasites of fish</p>
<p>RESEARCH ACTIVITY THREE: Plantings for school sites</p>	<p>INTEREST IN WORKING WITH: State government, The Institute of Ecology (TIE); The Nat'l Academy of Sciences; United Nations; USDA; AEC; USDC; CC; COE; DOD; EPA; ISDI; OST; AID; DOT; Asian; African; Central American; Canadian; European, eastern; European, western; South American (850)</p>
<p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3041)</p>	<p>IMPACT ASSESSMENT EXPERIENCE: Agriculture; Water Resource Development (68N)</p>
<p>IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy conversion/production; Forestry; Highways; Parks, recreational facilities; Soil erosion; Tailings, spoils disposal; Levees/dikes; Watershed, forest, range; Flood control; Water quality control; Shoreline protection; Fish & Wildlife conservation</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,8); Middle Atlantic; Southeast(5); Hawaii(7,1)</p>
<p>GEOGRAPHIC FAMILIARITY (YEARS): North Central(4), Northeast(25); Middle Atlantic(10)</p>	<p>AVAILABILITY (DAYS PER MONTH): 4,7; 8,14</p>
<p>AVAILABILITY (DAYS PER MONTH): 4,10; 8,10</p>	<p><124> Chernside, Herbert R., 1937, BS, 1964, Psychology, 703-924-3761 Environmental Sciences; University of Virginia; Charlottesville, VA 22901, US</p>
<p><122> Cramer, Joseph, 1912, PhD, 1933, Mathematics, 617-548-1400 Physical Oceanography; Woods Hole Oceanographic Institution; Water Sci.; Woods Hole, MA 02543, US</p>	<p>PRINCIPAL FIELD: Admin. of research and other programs</p>
<p>PRINCIPAL FIELD: Meteorology and physical oceanography</p>	<p>COMPETENCE: Animal Behavior(3); Biochemistry(3); Biostatistics(3); Scientific Administration(1)</p>
<p>COMPETENCE: Meteorology(2); Oceanography(2)</p>	<p>RESEARCH ACTIVITY ONE: Yeast in closed food cycles</p>
<p>RESEARCH ACTIVITY ONE: Analysis environmental water data</p>	<p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservator or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (473)</p>
<p>RESEARCH ACTIVITY TWO: Analysis lightship data and weather off Coast U.S.</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(5); Middle Atlantic(0.1)</p>
<p>RESEARCH ACTIVITY THREE: Air-sea interaction</p>	<p>AVAILABILITY (DAYS PER MONTH): 4,2; 8,0</p>
<p>INTEREST IN WORKING WITH: County or city government; County or city government; State government; Conservation group; United Nations; U.S. Federal Government; African; Central American; Canadian; European; Western; South American (1,13)</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13), Middle Atlantic(2); Pacific(2); Atlantic(1); Hawaii(1)</p>
<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13), Middle Atlantic(2); Pacific(2); Atlantic(1); Hawaii(1)</p>	<p>AVAILABILITY (DAYS PER MONTH): 4,1; 8,2</p>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <125>
Cherry, Solomon T. Jr., 1938, BS, 1962, Zoology,
913-787-5149
Weverhaeuser Company; Plymouth, NC 27962, US
PRINCIPAL FIELD: Wildlife biology
COMPETENCE: Animal Ecology(3); Aquatic
Ecology(3); Fishery Biology(3); Forestry(3);
Ornithology(3); Wildlife Management(1)
EXPERIENCE (AS EMPLOYEE): State government
RESEARCH ACTIVITY ONE: Wild turkey food habits
RESEARCH ACTIVITY TWO: Wild turkey internal
parasites
RESEARCH ACTIVITY THREE: Impact of forestry
operations on wildlife
INTEREST IN WORKING WITH: Private Sector; USDA;
CCE; EPA; USDI (1977)
IMPACT ASSESSMENT EXPERIENCE: Forestry;
Channelization; Watershed, forest, range;
Fish & Wildlife conservation
GEOGRAPHIC FAMILIARITY (YEARS): Southeast (10,M)
- <126>
Christensen, Sigurd W., 1945, MPh, 1970, Ecology,
203-436-5180
Biology Department; Yale University; Box 36
Osborn Mem. Labs.; New Haven, CT 06520, US
PRINCIPAL FIELD: Use of a Coulter Counter to
Assess Zooplankton Grazing; Lake Biology
COMPETENCE: Respondent lists 16 or more
scientific fields
EXPERIENCE (AS EMPLOYEE): Construction;
Manufacturing; Transportation
RESEARCH ACTIVITY ONE: Feeding of daphnia on
algae of different sizes
RESEARCH ACTIVITY TWO: Unpalatability of
butterflies to birds
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3361)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast (6,M)
AVAILABILITY (DAYS PER MONTH): A,2; S,20
- <127>
Clapp Jr., John G., 1936, PhD, 1969, Crop
Science, 919-755-1141
Crop Science; North Carolina State
University; 1508 Shadowood Lane; Raleigh, NC
27612, US
PRINCIPAL FIELD: Environmental factors and
cultural practices effecting the soybean plant
COMPETENCE: Agronomy(1); Soil Science(1)
RESEARCH ACTIVITY ONE: Influence of a morphactin
on soybean plants
RESEARCH ACTIVITY TWO: Influence of 2,3-5
triiodobenzoic acid on soybeans
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1570)
GEOGRAPHIC FAMILIARITY (YEARS): Southeast (13,M)
AVAILABILITY (DAYS PER MONTH): A,2; S,2
- <128>
Cizek, Harold E., 1906, PhD, 1933, Plant
Physiology, 201-247-1766
Plant Physiology Bldg.; Rutgers University;
E.C. Box 231; New Brunswick, NJ 08903, US
PRINCIPAL FIELD: Inorganic plant nutrition,
especially trace elements
COMPETENCE: Biochemistry(1); Inorganic plant
nutrition(3); Plant Physiology(2)
EXPERIENCE (AS EMPLOYEE): Agriculture; State
government
RESEARCH ACTIVITY ONE: Boron requirement and
metabolism of plants
INTEREST IN WORKING WITH: Agriculture; State
government; The National Academy of Sciences;
United Nations; U.S. Federal Government;
Central American; South American (3493)
IMPACT ASSESSMENT EXPERIENCE: Agriculture
GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(32); Hawaii(12)
AVAILABILITY (DAYS PER MONTH): A,2; S,20
- <129>
Clark, Janet I., 1946, BS, 1968, Biology,
617-492-0070
Design-Science International; 14 Story St.;
Cambridge, MA 02138, US
PRINCIPAL FIELD: Land Planning Pertaining to
Ecology
COMPETENCE: Animal Ecology(3); Animal
Rusbandry(3); Aquatic Ecology(3); Marine
Biology(3); Pest Control(3); Water Resources
Management(3); Wildlife Management(2)
RESEARCH ACTIVITY ONE: Planning a resort
development
RESEARCH ACTIVITY TWO: Planning a campsite
INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences; International Organizations; COP;
EPA; FEM; HUD; NSF; Other Governments (1205)
IMPACT ASSESSMENT EXPERIENCE: Forestry; Soil
erosion
GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3,M);
Middle Atlantic(1)

<130>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<130>

Clark, Richard J., 1935, PhD, 1970, Vert.
Zoology, 717-843-8891
Biological Science; York College of
Pennsylvania; Country Club Road; York, PA
17405, US

PRINCIPAL FIELD: Behavioral ecologist upper
trophic levels ecosystem monitoring via
avifauna AN.

COMPETENCE: Animal Behavior(1); Animal
Ecology(1); Biostatistics(2); Forestry(3);
Environmental Pollution(3); Genetics(3);
Ornithology(1); Plant Ecology(3);
Physiology(1); Population Biology(2);
Reproductive Biology(3); Taxonomy(3);
Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): County or city
government; State government; Civic action
group

RESEARCH ACTIVITY ONE: Ecosystem analysis upper
division college

RESEARCH ACTIVITY TWO: Harrisburg flood control
study

RESEARCH ACTIVITY THREE: Faunal resources of
Okwari Park site MY CT, NY

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; USDA; AEC;
CC; COE; EPA; HEW; USDI; NSP; OST; Canadian
(689)

IMPACT ASSESSMENT EXPERIENCE: Flood control; Fish
& Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12,M);
Canada, western(0.5)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<131>

Clark, William, T., PhD, 1969, Zoology
U.S. Navy; 3024 Grandy Ave.; Norfolk, VA
23509, US

PRINCIPAL FIELD: Population Ecology and Ecosystem
Ecology

COMPETENCE: Anatomy(3); Animal Ecology(1);
Biostatistics(2); Entomology(3);
Environmental Pollution(3); Pest Control(3);
Plant Ecology(3); Physiology(3); Population
Biology(2); Reproductive Biology(3); Systems
Analysis(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; DOD

RESEARCH ACTIVITY ONE: Effect of predation on
population regulation

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Utility; Local
Government; Conservation or Scientific Group;
USDA; AEC; USDC; COE; DOD; EPA; HEW; RUD;
USDI; NSP; OST (154)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(10,M);
Middle Atlantic(3)

<132>

Clarke, George L., 1905, PhD, 1931, Biology,
617-495-2300
Biology; Harvard University; 16 Divinity
Ave.; Cambridge, MA 02138, US

PRINCIPAL FIELD: Application of ecological
principles to the aquatic environment

COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Aquatic Ecology(1); Fishery
Biology(3); Environmental Pollution(3);
Limnology(2); Marine Biology(2);
Oceanography(1); Ornithology(3); Plant
Ecology(3); Physiology(3); Population
Biology(3); Wildlife Management(3)

EXPERIENCE (AS CONSULTANT): County or City
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; United Nations; UNESCO; SCOR;
COE; EPA; USDI; NSF

RESEARCH ACTIVITY ONE: Remote sensing of the
ocean, productivity, pollution

RESEARCH ACTIVITY TWO: Light penetration in sea
and ecological effects

RESEARCH ACTIVITY THREE: Bioluminescence and its
ecology

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; United
Nations; UNESCO; SCOR; COE; EPA; USDI; NSP;
OST; AID; Other Governments (3419)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Parks, recreational
facilities; Coastal protection/jetties; Fish
& Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Northeast(15,4); Middle
Atlantic(2); Europe, eastern(2)

AVAILABILITY (DAYS PER MONTH): A,7; S,7

<133>

Clarkson, Roy B., 1926, PhD, 1960 Syst. Botany,
304-293-3979
Biology Department; West Virginia University;
Morgantown, WV 26506, US

PRINCIPAL FIELD: Comparative Studies of Plant
Proteins Using Electrophoresis and Serology

COMPETENCE: Aquatic Ecology(3); Biochemistry(2);
Immunology(2); Systematics(1); Taxonomy(1)

RESEARCH ACTIVITY ONE: Protein comparison of Acacia
seeds

RESEARCH ACTIVITY TWO: Comparison of proteins of
Juglans seeds

RESEARCH ACTIVITY THREE: Comparison of proteins
of Lycopodium spores

INTEREST IN WORKING WITH: Private Sector; U.S.
Federal Government (1760)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(1)

AVAILABILITY (DAYS PER MONTH)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<134>
 Clausz, John C., 1940, PhD, 1970, Botany,
 919-276-3652
 Dept. of Biology; St. Andrews Presbyterian
 College; Laurinburg, NC 28352, US
 CONTROL(3); Plant Ecology(3); Systems
 Analysis(2); Wildlife Management(1)
 EXPERIENCE (AS EMPLOYEE): USDI
 EXPERIENCE (AS CONSULTANT): Agriculture; County
 or city government; Local or regional
 planning group; State government; Civic
 action group; Conservation group; USDA; COE
 INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (416)
 IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
 facilities; Pesticides, herbicides; Soil
 erosion; Levees/dikes; Coastal
 protection/jetties; Shoreline protection;
 Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Southeast(11,M)
 AVAILABILITY (DAYS PER MONTH): A,10; S,30

<135>
 Cliff, Edward P., BA, 1931, Forestry
 U.S. Forest Service; 221 N. Poyal;
 Alexandria, VA 22314, US
 PRINCIPAL FIELD: Administration of Forestry
 Programs; 10 years Chief of U.S. Forest
 Service; 10 Year Assistant Chief; 41 years
 Professional Experience
 COMPETENCE: Animal Husbandry(3); Fishery
 Biology(3); Forestry(1); Plant Ecology(3);
 Range Science(1); Water Resources
 Management(3); Wildlife Management(2)
 EXPERIENCE (AS EMPLOYEE): USDA
 EXPERIENCE (AS CONSULTANT): AID
 RESEARCH ACTIVITY ONE: Consultant Forestry and
 Fibers & Land Use National Commission on
 materials policy
 RESEARCH ACTIVITY TWO: Forestry consultant
 INTEREST IN WORKING WITH: County or city
 government; Local or regional planning group;
 State government; Conservation or Scientific
 Group; International Organizations; U.S.
 Federal Government; Other Governments (1675)
 IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
 Parks, recreational facilities; Pesticides,
 herbicides; Soil erosion; Tailings, spoils
 disposal; Watershed, forest, range; Water
 supply; Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(13,M); Rocky Mountain(5); Middle
 Atlantic(23)
 AVAILABILITY (DAYS PER MONTH): A, 5; S,25

<136>
 Cocheastall, Dale T., 1938, MS, 1973, Natural
 Resource Admin., 202-343-2594
 U.S. Dept. of the Interior, Bureau of Sport
 Fisheries and Wildlife, Division Wildlife
 Refugees; 2 St. 18 NW & 19th St., Washington, DC
 20040, US
 PRINCIPAL FIELD: Management vegetation and animals
 in brackish and fresh water ecosystems
 COMPETENCE: Animal Ecology(2); Aquatic
 Ecology(3); Entomology(1); Fishery
 Biology(3); Forestry(3); Environmental
 Pollution(3); Estuarine Ecology(2)
 EXPERIENCE (AS EMPLOYEE): USDI
 EXPERIENCE (AS CONSULTANT): AID
 RESEARCH ACTIVITY ONE: Consultant Forestry and
 Fibers & Land Use National Commission on
 materials policy
 RESEARCH ACTIVITY TWO: Forestry consultant
 INTEREST IN WORKING WITH: County or city
 government; Local or regional planning group;
 State government; Conservation or Scientific
 Group; International Organizations; U.S.
 Federal Government; Other Governments (1675)
 IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
 Parks, recreational facilities; Pesticides,
 herbicides; Soil erosion; Tailings, spoils
 disposal; Watershed, forest, range; Water
 supply; Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(13,M); Rocky Mountain(5); Middle
 Atlantic(23)
 AVAILABILITY (DAYS PER MONTH): A, 5; S,25

<137>
 Cole, Charles F., 1928, PhD, 1957, Ichthyology,
 413-545-2821
 Forestry and Wildlife Management; University
 of Massachusetts; Rollin Hall; Amherst,
 MA 01002, US
 PRINCIPAL FIELD: Estuarine Fisheries; Population
 Dynamics; Early Life History; Taxonomy of
 Sciaenidae
 COMPETENCE: Anatomy(2); Animal Ecology(2);
 Aquatic Ecology(2); Fishery Biology(1);
 Oceanography(2); Population Biology(2);
 Systematics(2); Systems Analysis(3);
 Taxonomy(2); Water Resources Management(2)
 EXPERIENCE (AS CONSULTANT): Utility; Local or
 regional planning group; State government;
 COE; South American
 RESEARCH ACTIVITY ONE: Parker River Alewife
 modelling study
 RESEARCH ACTIVITY TWO: Merrimack River diversion
 effects study
 RESEARCH ACTIVITY THREE: Weveantic River
 fisheries program
 INTEREST IN WORKING WITH: Manufacturing; Utility;
 Local or regional planning group; State
 government; Conservation group; Professional
 society; The Institute of Ecology; The Nat'l
 Academy of Sciences; United Nations, AEC;
 COE; EPA; USDI; NSF; OST; Central American;
 South American (654)
 IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Pesticides,
 herbicides; Dredging, filling;
 Reservoirs/Dams; Canals/Channels; Reservoir
 releases; Hydroelectric power; Fish &
 Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): South Central(3);
 Northeast(3); Southeast(4); Asia(1)
 AVAILABILITY (DAYS PER MONTH): A, 0; S,50

<138>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<138>

Coleates, Richard C., 1949, BS, 1971, Wildlife Science, 315-394-1428
U.S. Army; 100 S. Pearl St.; Canandaigua, NY 14424, DS

PRINCIPAL FIELD: The ecology and management of game species of birds and mammals

COMPETENCE: Animal ecology(2); Biostatistics(3); Entomology(3); Forestry(3); Environmental Pollution(3); Genetics(3); Ornithology(3); Physiology(3); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing; State government

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; USDA; AEC; USDC; CC; COE; EPA; USDI; NSP; OST; DOT; Canadian (2345)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (1); Northeast (1,M)

AVAILABILITY (DAYS PER MONTH): A,?; S,30
(Available permanently after June 30)

<139>

Coleman, Annette W., 1934, PhD, 1958, Botany, 401-863-2434
Biological and Medical Sciences; Brown University; Providence, RI 02912, US

PRINCIPAL FIELD: Developmental biology of algae

COMPETENCE: Aquatic Ecology(3); Genetics(3); Marine Biology(3); Oceanography(3); Ornithology(3); Physiology(2)

INTEREST IN WORKING WITH: Manufacturing; Local Government; Conservation or Scientific Group; U.S. Federal Government; Other Governments (1477)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); North Central(3,M); Northeast(10,M); Middle Atlantic(2,M); Africa(0.25)

<140>

Collier, Ries S., 1944, MS, 1967, Zoology, 203-878-2459
Commerce-NOAA-NMFS; National Marine Fisheries Service; Rogers Avenue; Milford, CT 06460, US

PRINCIPAL FIELD: Heavy metal bioassay with marine organisms

COMPETENCE: Animal Ecology(3); Fishery Biology(3); Marine Biology(3)

RESEARCH ACTIVITY ONE: Physiological response of estuarine crab to cadmium

RESEARCH ACTIVITY TWO: Toxic effects of heavy metals to oyster embryos

RESEARCH ACTIVITY THREE: Physiological response of green crab to metals

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (37)

IMPACT ASSESSMENT EXPERIENCE: Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Northeast(3); Southeast(3)

AVAILABILITY (DAYS PER MONTH): N/A

<141>

Connell, Walter A., 1909, PhD, 1957, Entomology, 302-368-4022
Entomology & Applied Ecology; University of Delaware; South College Ave.; Newark, DE 19711, US

PRINCIPAL FIELD: Classification of nitidulidae (COLEOPTERA); Rabbits and control of spider mites

COMPETENCE: Agricultural Science(2); Animal Ecology(3); Aquatic Ecology(3); Entomology(1); Acarology(3); Pest Control(1); Systematics(2); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): USDA

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Central American; Canadian; European, eastern; European, western; South American (3091)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides; Levees/dikes; Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); South Central(1); Northeast(32); Pacific Islands(2)

AVAILABILITY (DAYS PER MONTH): Retire 6/30/74
Available thereafter

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<142>
Conroy, John R., 1918, BS, 1942, Entomology,
703-538-2631
Population & Environment; Consultant on
Ecology; 2438 N. Nottingham St.; Arlington,
VA 22207, US

PRINCIPAL FIELD: Cooperative development of
optimal programs for both people and
environments

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA; DOE;
AID

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; County or city
government; Local or regional planning group;
Civic action group; Conservation group;
Professional society; The National Academy of
Sciences; United Nations; World Bank; Reg.
Insect. Con.; USDA; USDC; COE; EPA; HEW; HUD;
USDI; NSF; AID; DOT; Asian; African; Caribbean

RESEARCH ACTIVITY ONE: National congress optimum
population environment

RESEARCH ACTIVITY TWO: Site selection in casamance

RESEARCH ACTIVITY THREE: Recommendations for AID
in agriculture dev. Niger

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology (TIE); The National Academy of
Sciences; International Organizations; United
Nations; World Bank; IUCN; Reg. Insect. Con;
U.S. Federal Government; USDA; AEC; USDC; CC;
COE; DOD; EPA; HEW; HUD; USDI; NSF; OST; AID;
DOT; Other Governments; Asian; African;
Central American; Canadian; European,
eastern; European, western; South American;
Caribbean (1435)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Energy conversion/production;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development (genl); Channelization;
Dredging, filling; Beach nourishment;
Reservoirs/Dams; Levees/dikes; Coastal
protection/jetties; Canals/Channels;
Watershed, forest, range; Reservoir releases;
Hydroelectric power; Navigation; Flood
control; Irrigation; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation; Soc. & Eco. Growth

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (3);
Northeast (7); Middle Atlantic (5); Asia (8, M);
Africa (4, M)

AVAILABILITY (DAYS PER MONTH): A, 21; S, 21

<143>
Cook, David O., 1942, PhD, 1969, Geology,
401-847-8000
Raytheon Oceanographic & Environmental
Services; Box 360; Portsmouth, RI 02871, US

PRINCIPAL FIELD: Estuary Circulation with Regards
to Waste Disposal

COMPETENCE: Environmental Pollution (1);
Limnology (2); Sedimentology (1); Marine
Biology (2); Oceanography (1); Paleontology (2);
Water Resources Management (2)

EXPERIENCE (AS CONSULTANT): Transportation;
Utility; State government; COE; European,
western

RESEARCH ACTIVITY ONE: Northport NY hydrothermal
survey

RESEARCH ACTIVITY TWO: Lynn, Mass. ecologic survey

RESEARCH ACTIVITY THREE: Egg Harbor, NY
hydrothermal survey

INTEREST IN WORKING WITH: Construction;
Manufacturing; Transportation; Utility; Local
or regional planning group; State government;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
United Nations; AEC; USDC; COE; EPA; NSF;
Other Governments (3208)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Tailings, spoils
disposal; Dredging, filling; Beach
nourishment; Water quality control; Shoreline
protection

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (5); Northeast (3)

AVAILABILITY (DAYS PER MONTH): A, 15; S, 10

<144>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<144>

Cooper, Arthur B., 1931, PhD, 1958, Botany,
919-829-4984
North Carolina Dept. of Natural and Economic
Resources; State of North Carolina; 116 West
Jones St.; Raleigh, NC 27611, OS

PRINCIPAL FIELD: Plant Ecology and Primary
Productivity; Resource Management

COMPETENCE: Biostatistics(3); Forestry(2);
Environmental Pollution(2); Marine
Biology(2); Oceanography(1); Plant
Ecology(1); Soil Science(2); Taxonomy(3);
Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): County or city
government; Civic action group; Conservation
group; USDI; NSF

RESEARCH ACTIVITY ONE: Primary productivity in
salt marshes

RESEARCH ACTIVITY TWO: Salt marsh seed germination

RESEARCH ACTIVITY THREE: Primary productivity of
Aspen Forest

INTEREST IN WORKING WITH: Private Sector; Local
Government; State government; U.S. Federal
Government (1296)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Channelization; Dredging,
Filling, Beach nourishment; Reservoirs/Dams;
Coastal protection/jetties; Canals/Channels;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Northeast(17); Middle Atlantic(14)

<145>

Cooper, Edwin L., 1919, PhD, 1949, Zoology,
814-865-9763
Biology; Pennsylvania State University; 315
Life Sciences Bldg. I; University Park, PA
16802, US

PRINCIPAL FIELD: Ecology of Freshwater Fishes

COMPETENCE: Aquatic Ecology; Fishery Biology;
Environmental Pollution; Limnology; Taxonomy

EXPERIENCE (AS CONSULTANT): Agriculture; Mining;
Utility; Civic action group; Conservation
group; Professional society; USDA; EPA; USDI;
NSF; Canadian

RESEARCH ACTIVITY ONE: Fish production of
multi-species lake community

RESEARCH ACTIVITY TWO: Fish distribution in
relation to acid mine drainage

RESEARCH ACTIVITY THREE: Fishery survey of Pine
Creek watershed

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1773)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Water quality control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(12,M); Northeast(16,M); Canada,
western(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<146>

Cooper, George W., 1928, PhD, 1960, Physiology,
212-621-7450
Department of Biology; City College of City
University of NY; Convent Ave. at 138 St; New
York, NY 10031, OS

PRINCIPAL FIELD: Physiological hematology -
factors regulating blood cell formation

COMPETENCE: Biochemistry(3); Biophysics(2);
Physiology(1); Reproductive Biology(3)

RESEARCH ACTIVITY ONE: Humoral regulation of
thrombopoiesis

RESEARCH ACTIVITY TWO: Regulation of platelet
production and release

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1611)

GEOGRAPHIC FAMILIARITY (YEARS): South Central(4);
Northeast(20)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<147>

Cooper, John E., 1929, MS, 1968, Biology,
301-462-5800
Community College of Baltimore; 2901 Liberty
Heights Ave.; Baltimore, MD 21215, US

COMPETENCE: Anatomy(3); Animal Ecology(2);
Aquatic Ecology(2); Limnology(3);
Herpetology(1); Physiology(3); Population
Biology(2); Taxonomy(2); Speleology(1)

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group; Professional society

INTEREST IN WORKING WITH: Local government; CC;
COE; EPA; USDI (3896)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Canals/Channels; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.5); Southwest(0.5); South
Central(4); Middle Atlantic(9,M);
Southeast(1,M); West Indies(0.25)

AVAILABILITY (DAYS PER MONTH): A,5; S,13

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<148>
Cooper, William E., Jr., 1945, PhD, 1972, Ecology, 919-755-2282
Biomathematics, North Carolina State University; Raleigh, NC 27607, US

PRINCIPAL FIELD: Behavior of vertebrates - particularly social behavior

COMPETENCE: Respondent lists 16 or more scientific fields

RESEARCH ACTIVITY ONE: Social behavior of American chameleon

RESEARCH ACTIVITY TWO: Endocrinology of color change in *Crotaphytus*

RESEARCH ACTIVITY THREE: Habenular lesions and gnawing in rats

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Central American; Canadian; European, eastern; European, western; South American; Australia; New Zealand (922)

GEOGRAPHIC FAMILIARITY (YEARS): South Central(5); Middle Atlantic(1); Southeast(1)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<149>
Cooper, Allen Y., 1944, MS, 1969, Wildlife Biology, 518-582-4551
Huntington Forest; SUNY College of Forestry; Newcomb, NY 12852, US

PRINCIPAL FIELD: Biology and Management of Free Living Ungulates

COMPETENCE: Wildlife Management(1)

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1263)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(2); Northeast(3,M)

<150>
Coppinger, Raymond P., 1937, PhD, 1968, Biology, 413-542-4676
Natural Science & Math.; Hampshire College; West Street; Amherst, MA 01002, US

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group; Professional society; Caribbean

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2382)

IMPACT ASSESSMENT EXPERIENCE: Airports; Forestry; Parks, recreational facilities; Watershed, forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (8,M); Caribbean(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,25

<151>
Coull, Bruce C., 1942, PhD, 1968, Marine Ecology, 617-793-7514
Biology; Clark University; 950 Main St.; Worcester, MA 01610, US

PRINCIPAL FIELD: Marine benthic ecology, salt marsh ecosystem, deep sea, particularly marine meiofauna

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS CONSULTANT): State government; Professional society; PPA

RESEARCH ACTIVITY ONE: Meiofauna energetics salt marsh

RESEARCH ACTIVITY TWO: Pollution, Medfauna, north adriatic

RESEARCH ACTIVITY THREE: Diversity deep sea meiofauna

INTEREST IN WORKING WITH: Construction; Manufacturing; Local government; Conservation or scientific group; International organizations; U.S. federal government; Other governments (941)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2); Middle Atlantic(2); Southeast(2,M); Bermuda(2,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,15

<152>
Cowan, Richard S., 1921, PhD, 1952, Botany, 202-381-5954
National Museum Natural History; Smithsonian Institution; Washington, DC 20560, US

PRINCIPAL FIELD: Systematic and Evolutionary Biology

COMPETENCE: Systematics(2); Systems Analysis(2)

EXPERIENCE (AS CONSULTANT): Professional society; The Nat'l Academy of Sciences; NSF

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3750)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(24); Hawaii(2); South America(M)

<153>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<153>

Cox, Geraldine V., 1944, PhD, 1970, Environmental Science, 401-847-8000
Oceanography & Environmental Serv.; Raytheon Oceanographic & Environment; Box 360; Portsmouth, RI 02871, US

COMPETENCE: Aquatic Ecology(1); Bacteriology(3); Biochemistry(3); Biostatistics(3); Environmental Pollution(1); Limnology(2); Marine Biology(2); Microbiology(3); Oceanography(3); Population Biology(3); Water Resources Management(3)

EXPERIENCE (AS CONSULTANT): Construction; Manufacturing; Transportation; Utility; State government; COE; DOD; EPA; USDI

RESEARCH ACTIVITY ONE: Oil spill impact study

RESEARCH ACTIVITY TWO: Computerization of sewage treatment plants

RESEARCH ACTIVITY THREE: Ecological assessment of power plant

INTEREST IN WORKING WITH: Construction; Manufacturing; Mining; Transportation; Utility; County or city government; Local or regional planning group; State government; AEC; USDC; COE; DOD; EPA; USDI; NSP; OST; DOR; Other governments (1152)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Dredging, filling; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3); Middle Atlantic(5)

<154>

Cox, James I., PhD, 1971, Biology
Biology; Southeastern Mass. University; 44 Gaffney; So. Dartmouth, MA 02748, US

PRINCIPAL FIELD: Chlorinated hydrocarbons in marine ecosystem

COMPETENCE: Aquatic Ecology(1); Biostatistics(3); Fishery Biology(3); Environmental Pollution(1); Marine Biology(3); Oceanography(2); Population Biology(3)

EXPERIENCE (AS CONSULTANT): State government; NSP

RESEARCH ACTIVITY ONE: DDT residues in California current

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2541)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(4,M); Northeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,7; S,20

<155>

Craker, Lyle E., 1941, PhD, 1967, Plant Physiology, 617-891-0652
Suburban Expt. Station; University of Massachusetts; 240 Beaver; Waltham, MA 02154, US

PRINCIPAL FIELD: Stress on plants

COMPETENCE: Agronomy(3); Biochemistry(2); Environmental Pollution(1); Horticulture(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; Transportation; County or city government; Conservation group

RESEARCH ACTIVITY ONE: Air pollution monitoring with plants

RESEARCH ACTIVITY TWO: Influence of ozone on plant proteins and RNA

RESEARCH ACTIVITY THREE: Effect of ethylene on flower pigments

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (422)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4); Northeast(4); Middle Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<156>

Cramer, Richard D., 1942, PhD, 1967, Organic Chemistry, 215-564-2400
Technology Assessment; Smith Kline & French Laboratories; 1500 Spring Garden Street; Philadelphia, PA 19101, US

PRINCIPAL FIELD: Industrial New Product Evaluation/Knowledge of Specific Pesticides/Formulation

COMPETENCE: Agronomy(3); Biochemistry(3); Biostatistics(3); Biophysics(3); Entomology(3); Forestry(3); Environmental Pollution(3); Pest Control(1); Population Biology(2); Reproductive Biology(3); Soil Science(3); Systems Analysis(2); Organic Chemistry(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing; Conservation group

RESEARCH ACTIVITY ONE: Evaluation/slow release pesticides as new commerce

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; U.S. Federal Government (2372)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6); Middle Atlantic(3)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<157>
 Craul, Phillip J., 1932, PhD, 1964, Soil Science, 315-476-3151
 Silvi-Forest Influences; SUNY-College of Environmental Science, Forestry; Syracuse, NY 13210, US
 PRINCIPAL FIELD: Soil Science Applied to Tree Water Relation; Mans Impact; And Land Use Planning
 COMPETENCE: Agronomy(3); Agricultural Science(3); Forestry(1); Plant Ecology(2); Soil Science(1); Water Resources Management(3)
 EXPERIENCE (AS EMPLOYEE): USDA
 EXPERIENCE (AS CONSULTANT): Construction; Local or regional planning group; State government
 RESEARCH ACTIVITY ONE: Transport facility impact on soil and watershed
 RESEARCH ACTIVITY TWO: Soil evaluation - waste disposal for campground
 RESEARCH ACTIVITY THREE: Soil damage on logged areas of New York
 INTEREST IN WORKING WITH: Conservation or Scientific Group; U.S. Federal Government; European, western (1696)
 IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Pesticides, herbicides; Tailings, spoils disposal; Watershed, forest, range; Avalanches
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Northeast(11,M); Southeast(6,M)
 AVAILABILITY (DAYS PER MONTH): A,4; S,4

<158>
 Crawford, Hewlette S., 1931, PhD, 1967, Forest Ecology, 703-552-1461
 U.S. Dept. of Agriculture; Southeastern Forest Experiment Station; 104 Hubbard; Blacksburg, VA 24040, US
 PRINCIPAL FIELD: Effects of Environmental Modification on Wildlife Habitat
 COMPETENCE: Forestry(2); Plant Ecology(2); Range Science(3); Wildlife Management(1)
 EXPERIENCE (AS EMPLOYEE): USDA
 EXPERIENCE (AS CONSULTANT): Local or regional planning group; Conservation group; USDI
 RESEARCH ACTIVITY ONE: Timber cutting effects on wildlife habitat
 RESEARCH ACTIVITY TWO: Food habits of deer-range carrying capacity
 RESEARCH ACTIVITY THREE: Nongame wildlife and forest management systems
 INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1392)
 IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Watershed, forest, range; Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): North Central(7,M); South Central(6,M); Middle Atlantic(4)
 <159>
 Croker, Robert A., 1932, PhD, 1966, Biology, 603-862-2100
 Zoology; University of New Hampshire; Spaulding Bldg.; Durham, NH 03824, US
 PRINCIPAL FIELD: Shallow Water Marine & Estuarine Ecology
 COMPETENCE: Aquatic Ecology(1); Biostatistics(3); Fishery Biology(3); Environmental Pollution(3); Marine Biology(1); Systematics(2)
 EXPERIENCE (AS EMPLOYEE): State government; USDI
 EXPERIENCE (AS CONSULTANT): State government; Conservation group; Smithsonian Inst.; AEC; NSF
 RESEARCH ACTIVITY ONE: Marine amphipod crustaceans
 RESEARCH ACTIVITY TWO: Marine amphipod crustaceans
 RESEARCH ACTIVITY THREE: Ecological significance of coastal wetlands
 INTEREST IN WORKING WITH: Local or regional planning group; State government; Conservation group; The Institute of Ecology; COE; EPA (1371)
 IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8,M); Southeast(6,M); Central Pacific(0.3)
 AVAILABILITY (DAYS PER MONTH): A,1; S,1

<160>

TABLE 1 - RESUME'S
(ALPHABETICAL LISTING)

<160>

Crouse, Barry W., 1942, PhD, 1972, Forest Ecology, 716-458-1000
Development Engineer Dept.; Eastman Kodak Co.; Kodak Park Division; Rochester, NY 14650, US

PRINCIPAL FIELD: The influence of the physical environment on the chemical/physical properties of green plants.

COMPETENCE: Agricultural Science (3); Forestry (2); Environmental Pollution (3); Plant Ecology (2); Physiology (3)

EXPERIENCE (AS EMPLOYEE): Conservation group

RESEARCH ACTIVITY ONE: Thermal effects on chemical/physical properties of annual plant fibers

INTEREST IN WORKING WITH: Agriculture; Construction; Manufacturing; Conservation group; Professional society; TIE; United Nations; World Bank; USDA; AEC; COE; DOD; EPA; HEW; USDI; NSF (541)

IMPACT ASSESSMENT EXPERIENCE: Forestry

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3,M); Middle Atlantic (3,M)

AVAILABILITY (DAYS PER MONTH): A, 5-10; S, 5-10

<161>

Crusberg, Theodore C., 1941, PhD, 1968, Chemistry, 617-753-1411
Life Sciences; Worcester Polytechnic Institute; Worcester, MA 01609, US

PRINCIPAL FIELD: Environmental biochemistry - heavy metal interactions with proteins

COMPETENCE: Agricultural Science (3); Aquatic Ecology (3); Biochemistry (1); Biophysics (2); Environmental Pollution (2); Limnology (3); Microbiology (3); Plant Ecology (3); Physiology (3); Water Resources Management (3); Wildlife Management (3)

EXPERIENCE (AS CONSULTANT): Manufacturing; Civic action group; Conservation group; Professional society

RESEARCH ACTIVITY ONE: Chlorinated organics from wastewater disinfection

RESEARCH ACTIVITY TWO: Infectious hepatitis and water quality

RESEARCH ACTIVITY THREE: Mercury and the fetus "in utero"

INTEREST IN WORKING WITH: Agriculture; Manufacturing; Mining; Local Government; Conservation or Scientific Group; International Organizations; USDA; AEC; USDC; CC; COE; DOD; EPA; HEW; USDI; NSF; OST; AID; Other Governments (451)

IMPACT ASSESSMENT EXPERIENCE: Highways; Pesticides, herbicides; Tailings, spoils disposal; Water Resource Development (GENL); Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (10)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 20

<162>

Culliney, John L., 1942, PhD, 1969, Zoology, 617-548-3705
Marine Biology; Marine Biological Laboratory; Lilly Bldg.; Woods Hole, MA 02543, US

PRINCIPAL FIELD: Biology of marine larvae and fouling and boring organisms

COMPETENCE: Animal Behavior (2); Animal Ecology (3); Aquatic Ecology (2); Fishery Biology (3); Marine Biology (3); Oceanography (3); Reproductive Biology (2); Systematics (2); Wildlife Management (3)

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Larval biology of boring and fouling mollusks

RESEARCH ACTIVITY TWO: Cinematographic studies of fouling larvae

RESEARCH ACTIVITY THREE: Ecological impact of nuclear plant, N.H. Coast

INTEREST IN WORKING WITH: Construction; Utility; Local Government; Conservation or Scientific Group; International Organizations; AEC; USDC; CC; COE; EPA; USDI; NSF; OST; Other Governments (4041)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3,M); Southeast (5,M)

AVAILABILITY (DAYS PER MONTH): A, 7; S, 7

<163>

Culp, Terry R., 1947, MS, 1972, Fishery Science, 607-652-3563
Ichthyological Associates; P.O. Box 2; Stamford, NY 12167, US

PRINCIPAL FIELD: Fishery Science

COMPETENCE: Aquatic Ecology (2); Fishery Biology (1); Limnology (2); Water Resources Management (3); Wildlife Management (3)

EXPERIENCE (AS EMPLOYEE): Agriculture; State government

EXPERIENCE (AS CONSULTANT): Agriculture; Utility

RESEARCH ACTIVITY ONE: Effect of temperature and diet on growth

RESEARCH ACTIVITY TWO: Schoharie Valley ecological study

INTEREST IN WORKING WITH: Agriculture; Utility; Local Government; State government; Conservation or Scientific Group; USDA; AEC; COE; EPA; HEW; USDI; NSF; OST; AID; Central American; Canadian; European, eastern; European, western; South American (3652)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central (2); Northeast (1)

AVAILABILITY (DAYS PER MONTH): A, 10; S, 10

TABLE - RESPONSE FS
(ALPHABETICAL LISTING)

<164>
Cummings, Edward J., PhD, 1956, Animal Ecology,
301-671-2639
Applied Physiology Section; Biomedical
Laboratories; Clinical Research Dept.;
Edgewood Arsenal, MD 21010, US

PRINCIPAL FIELD: Environmental Physiology

COMPETENCE: Animal Ecology(1); Entomology(2);
Fishecy Biology(2); Food Sciences(2); Marine
Biology(1); Physiology(1)

EXPERIENCE (AS EMPLOYEE): DOD

RESEARCH ACTIVITY ONE: Physiological Effects of
inhaled amyl nitrite

RESEARCH ACTIVITY TWO: Effects of oxylamine on
skin circulation - temperature and conc.
effects

RESEARCH ACTIVITY THREE: Effects of environment
on penetration of anticholinesterases thru
skin

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (3889)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1);
Middle Atlantic(16,M); Southeast(6,M)

AVAILABILITY (DAYS PER MONTH): Varies

<165>
Cunningham, Denis, 1942, BA, 1970, Biology,
203-432-4343
Yale University Dept. of Biology; OML 13; 165
Prospect St.; New Haven, CT 06520, US

PRINCIPAL FIELD: Marine Benthic Ecology with
Emphasis on Near-Shore and Intertidal
Environments

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Environmental Pollution(1);
Limnology(2); Physiological Ecology(1);
Marine Biology(1); Oceanography(2); Plant
Ecology(2); Population Biology(1); Water
Resources Management(1); Wildlife
Management(2)

EXPERIENCE (AS EMPLOYEE): Mining

INTEREST IN WORKING WITH: Construction;
Manufacturing; Mining; Local Government;
Conservation or Scientific Group;
International Organizations; AEC; USDC; COE;
EPA; HEW; HUD; USDI; NSP; OST; AID; Other
Government's (1222)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States;
Northeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

<166>
Cutcher, Joseph J., 1943, PhD, 1970, Zoology,
301-749-7191, Ext. 280
Biology Dept.; Salisbury State College;
Salisbury, MD 21801, US

PRINCIPAL FIELD: Effects of Water Quality and
Quantity on Animals (Mainly Mollusks,
Insects, Crustaceans, Fish)

COMPETENCE: Animal Ecology(2); Anthropology(1);
Biochemistry(2); Biophysics(2);
Entomology(2); Marine Biology(3);
Physiology(1); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): COE

RESEARCH ACTIVITY ONE: Environmental specialist

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3934)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Channelization; Dredging, filling;
Levees/dikes; Coastal protection/jetties;
Canals/Channels; Flood control; Water quality
control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(3,M); Northeast(2); Middle
Atlantic(1,M); Southeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,30

<167>
Cutright, Noel J., 1943, PhD, 1973, Conservation,
607-256-2106
Dept. Natural Resources; Cornell University;
Ithaca, NY 14850, US

PRINCIPAL FIELD: Ecological studies - Habitat
manipulations in wildlife management -
Ornithology

COMPETENCE: Respondent lists 16 or more
scientific fields

RESEARCH ACTIVITY ONE: Research specialist

RESEARCH ACTIVITY TWO: Research assistant

RESEARCH ACTIVITY THREE: Research Assistant

INTEREST IN WORKING WITH: Agriculture;
Transportation; Utility; Local Government;
conservation or Scientific Group; IUCN; OSDA;
AEC; COE; EPA; USDI; NSP; OST; AID; Other
Governments (628)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<168>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<168>

Dalgleish, Robert C., 1940, PhD, 1967,
Entomology, 518-797-3440
Biological Station; E.N. Huyck Preserve; P.O.
Box 87; Pensaersville, NY 12147, US

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(3); Entomology(1); Genetics(2);
Limnology(2); Ornithology(2);
Parasitology(2); Plant Ecology(2); Population
Biology(2); Systematics(1); Taxonomy(1);
Virology(3)

EXPERIENCE (AS EMPLOYEE): Conservation group

EXPERIENCE (AS CONSULTANT): Construction;
Utility; Local or regional planning group

RESEARCH ACTIVITY ONE: Rensselaer Poly. Institute
- Highlands Project

RESEARCH ACTIVITY TWO: Sleepy Hollow Residential
Development

RESEARCH ACTIVITY THREE: Breackabeen-Plenheim
pumped storage facility

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (632)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Parks, recreational
facilities; Soil erosion; Reservoirs/Dams;
Hydroelectric power; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (10,M)

AVAILABILITY (DAYS PER MONTH): A,14; S,7

<169>

Damalas, Andinos P., 1946, MS, 1973, Wildlife
Biology, 703-951-5573
Fisheries & Wildlife Sciences; 909 Thole
Street; Norfolk, VA 23505, US

PRINCIPAL FIELD: Search, analyze, systematize
study facts to assess environmental impact on
land - wildlife resources

COMPETENCE: Agronomy(3); Animal Ecology(3);
Aquatic Ecology(3); Biochemistry(3);
Entomology(3); Environmental Pollution(1);
Limnology(3); Ornithology(3); Soil
Science(2); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): COP

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group

RESEARCH ACTIVITY ONE: The terrestrial fauna of
three lake projects in W. Virginia

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; African; Canadian; European,
eastern; European, western; Greek (771)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (19,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,15

<170>

Dankner, David M., 1938, PhD, 1973, Zoology,
202-381-5781
Systematics Laboratory Department; Nat Marine
Fisheries Service NOAA; Crustacea US Nat
Museum; Smithsonian Inst.; Washington, DC
20560, US

PRINCIPAL FIELD: Systematics and ecology of
free-living marine copepoda

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(2); Fishery Biology(2); Limnology(1);
Marine Biology(1); Oceanography(1);
Systematics(1); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): State government; USDA;
Smithsonian

EXPERIENCE (AS CONSULTANT): African

RESEARCH ACTIVITY ONE: Review of spinocalanidae,
Arctic Copepoda

RESEARCH ACTIVITY TWO: Vertical distribution
Copepoda, fjord-like basin

RESEARCH ACTIVITY THREE: Deep-water cyclopoid
Copepoda Gulf, Alaska

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (216)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5,M); Middle Atlantic(7); Alaska(M);
Africa(1,M)

AVAILABILITY (DAYS PER MONTH): A,1; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<171>
 DARRAH, ARON, W., 1922, Ph.D., 1967, Plant Ecology, 203-486-4318 Ecology Section; University of Connecticut, Life Sciences Bldg. U-43; Storrs, CT 06268, US

PRINCIPAL FIELD: Vegetation Analysis and Mapping, Effect of Environmental Factors (Temperature, Forests, Bogs, Arctic)

COMPETENCE: Forestry(1); Aerial photo interpretation(2); Plant Ecology(1); Soil Science(2); Systematics(2); Taxonomy(2); Wildlife Management(3); Surfacial geology(2)

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Manufacturing; Canadian

RESEARCH ACTIVITY ONE: Ecological survey for forestry and wildlife

RESEARCH ACTIVITY TWO: Effect of vegetation changes on soil fertility

RESEARCH ACTIVITY THREE: Vegetation, growth, nutrition of peat bogs

INTEREST IN WORKING WITH: Private Sector; Local or regional planning group; State government; Conservation group; The Institute of Ecology; The Nat'l Academy of Sciences; USDA; AEC; COE; EPA; NSDI; NSF; DCT; Other Governments (776)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); Northeast(5,M); Canada, eastern(9,M); Europe, western(3)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

<172>
 HATEY, Charles B., 1916, Ph.D., 1968, Soil Science 614-756-2402 Forestry Dept.; N.C. State University; Raleigh, NC 27607, US

PRINCIPAL FIELD: Root zone ecology - rhizosphere; Mycorrhiza plant pathology

COMPETENCE: Agronomy(2); Animal Ecology(3); Forestry(1); Genetics(3); Microbiology(1); Plant Ecology(2); Plant Pathology(1); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

EXPERIENCE (AS CONSULTANT): Agriculture; Local or regional planning group; County or city government; State government; USDA; PRM; NCF

INTEREST IN WORKING WITH: Agriculture, Construction; Mining; Transportation; Utility; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; International Organizations; USDA; CC; COE; EPA; NSF; NSF; DCT; Other Governments (603)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Pesticides; Herbicides; Soil erosion; Water Resource Development; Dredging, filling; Beach nourishment; Watershed, forest, range; Irrigation; Water quality control; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1,M); Rocky Mountain(1); North Central(5,M); Northeast(1); Southeast(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,3

<173>
 GARDNER, George M., 1938, Ph.D., 1965, Zoology, 609-424-4750 Department of Malacology; Academy of Natural Sciences; 19 and Parkway; Philadelphia, PA 19103, US

PRINCIPAL FIELD: Malacology, anatomy, immunology, systematics

COMPETENCE: Anatomy(1); Animal Ecology(1); Aquatic Ecology(2); Biochemistry(2); Biostatistics(2); Immunology(1); Malacology(2); Parasitology(1); Systematics(1); Taxonomy(1)

RESEARCH ACTIVITY ONE: Among water borne diseases

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; USDA; USDC; COE; DOD; EPA; PRM; NCF; NSDI; NSF; DCT; Other Governments (1015)

IMPACT ASSESSMENT EXPERIENCE: Channelization; Dredging, filling; Reservoirs/Dams; Flood control

GEOGRAPHIC FAMILIARITY (YEARS): South Central(10); Midwest(10); Middle Atlantic(3); Asia(5)

AVAILABILITY (DAYS PER MONTH): A,10; S,12

<174>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<174>

Davis, John D., 1929, PhD, 1963, Zoology,
413-584-6243
So. New England Division; Normandeau
Associates Inc.; 26 Norfolk Avenue;
Northampton, MA 01060, US

PRINCIPAL FIELD: Development of Estuarine
Research Programs Emphasizing Community
Structure and Dynamics

COMPETENCE: Animal Ecology; Aquatic Ecology;
Environmental Pollution; Marine Biology;
Systematics; Systems Analysis; Water
Resources Management

EXPERIENCE (AS CONSULTANT): Utility; COE

RESEARCH ACTIVITY ONE: Environmental Impact of
Dredging, Dumping, New Haven Harbor, Conn.

RESEARCH ACTIVITY TWO: Ecological Monitoring
Program, New Haven Harbor, Conn.

RESEARCH ACTIVITY THREE: Ecological Monitoring
Program, Stamford Harbor, Conn.

INTEREST IN WORKING WITH: Private Sector; State
government; Professional society; The
Institute of Ecology (TIE); The Nat'l Academy
of Sciences INRC; International
Organizations; U.S. Federal Government;
Canadian; European, eastern; European,
western; South American (3995)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (20,M);
Canada, eastern (M)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<175>

Davis, Robert K., 1928, PhD, 1963, Economics,
301-366-3300
Geography/Environmental Engineering; Johns
Hopkins University; Charles and 34th;
Baltimore, MD 21218, US

PRINCIPAL FIELD: Economics and policy analysis of
environmental resource management

COMPETENCE: Agronomy(3); Fishery Biology(3);
Environmental Pollution(2); Ornithology(3);
Soil Science(3); Systems Analysis(3); Water
Resources Management(2); Wildlife
Management(3); Resource Economics(1)

EXPERIENCE (AS EMPLOYEE): Conservation group; USDA

EXPERIENCE (AS CONSULTANT): Manufacturing; Local
or regional planning group; The Nat'l Academy
of sciences; United Nations; USDI; OST;
African

RESEARCH ACTIVITY ONE: Transformation of pastoral
masai in Kenya

RESEARCH ACTIVITY TWO: Pricing in water resource
management

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2329)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Water Resource
Development(GENL); Channelization; Dredging,
filling

GEOGRAPHIC FAMILIARITY (YEARS): North Central(8);
Northeast(4); Middle Atlantic(7); Africa()

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<176>

Davis, William Price, 1929, Ph.D., 1967, Marine
Science-TUNIS 276 808
Mediterranean Marine Sorting Center;
Smithsonian Institution-Off Environ Sci-D & L
Program; Washington, DC 20560 US

PRINCIPAL FIELD: Behavior Ecology and Food
Relationships of Tropical Marine Fishes

COMPETENCE: Animal Behavior(2); Animal
Ecology(2); Aquatic Ecology(2);
Biostatistics(3); Fishery Biology(2);
Environmental Pollution(3); Limnology(3);
Marine Biology(1); Nutrition(2);
Oceanography(3); Plant Ecology(3);
Reproductive Biology(3); Systematics(1);
Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Utility; Local or regional
planning group; State government; EPA; Asian;
African; Central American; South American;
Mediterranean Pacific "Oceania" and Caribbean

RESEARCH ACTIVITY ONE: Lake - Consultant -
Ongoing Eutrophication of Tunis

RESEARCH ACTIVITY TWO: Thermal Effects Upon Early
Life History of *Lepomis macrochirus*

RESEARCH ACTIVITY THREE: Controlled Spawning of
Fresh Water/Marine Teleost

INTEREST IN WORKING WITH: Civic action group;
Conservation group; Professional Society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences INRC; International
Organizations; U.S. Federal Government (291)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water Resource Development
(Genl); Fish & Wildlife conservation,
Foraging area - Coastal zones

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(10);
Hawaii(2); Africa(2)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <177>
De Costa, John J., 1931, PhD, 1962, Limnology,
304 293-4693
Biology; West Virginia Univ.; Morgantown, WV
26506, US
PRINCIPAL FIELD: Productivity, lake sediments,
acid mine pollution
COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Limnology(1); Oceanography(2);
Population Biology(3)
EXPERIENCE (AS CONSULTANT): State government; COE
RESEARCH ACTIVITY ONE: Sediments of Delmarva
intraoceanal waterway
INTEREST IN WORKING WITH: Mining; Utility; State
government; Conservation group; The Institute
of Ecology(TIE); International organizations;
U.S. Federal government; Other governments
(942)
IMPACT ASSESSMENT EXPERIENCE: Channelization
GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(2,M); North Central(B,M)
AVAILABILITY (DAYS PER MONTH): A,4; S,20
- <178>
De Faubert, David J., 1925, PhD, 1953,
Geography, 315-476-5541
Dept. of Geography; Syracuse University;
Syracuse, NY 13210, US
PRINCIPAL FIELD: Geography of Vegetation Systems
Both Formation and Flora
COMPETENCE: Animal Ecology(3); Anthropology(3);
Forestry(3); Vegetation(Ecosystem)(1); Man &
The Natural Environment(2); Plant Ecology(2);
Taxonomy(2); Climatology(2)
EXPERIENCE (AS CONSULTANT): Professional Society;
AID; European, western; South American;
Australia
RESEARCH ACTIVITY ONE: Patterns of vegetation
RESEARCH ACTIVITY TWO: Vegetation of Latin America
RESEARCH ACTIVITY THREE: Taxonomy of rainforest
conifers
INTEREST IN WORKING WITH: Private Sector;
Agriculture; Transportation; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (792)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); North Central(3); Northeast(13,M);
Southeast(5); South America(0.5); Australia;
Pacific(0.5),
- <179>
De Roo, Hendrik C., 1913, PhD, 1953, Soil
Science, 203-688-3647
The Connecticut Agricultural Experiment
Station; Dept. of Ecology & Climatology; Cook
Hill Road, P.O. Box 248; Windsor, CT 06095,
US
PRINCIPAL FIELD: Management of Soil, Water,
Fertilizer in Field and Container Crop
Production
COMPETENCE: Agronomy(1); Horticulture(2); Soil
Science(3)
EXPERIENCE (AS EMPLOYEE): State government
EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government
RESEARCH ACTIVITY ONE: Plant water studies
RESEARCH ACTIVITY TWO: Preservation of plant
water with anti-transplants
RESEARCH ACTIVITY THREE: Water use by plant
INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (900)
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(20,M);
Asia(9); Europe, western(4)
- <180>
De Villafranca, George W., 1923, PhD, 1953,
Zoology, 413-584-2700
Biological Sciences; Smith College;
Northampton, MA 01060, US
PRINCIPAL FIELD: Biochem. & Physiol. of muscle
proteins
COMPETENCE: Biochemistry(1); Nutrition(3);
Physiology(1)
EXPERIENCE (AS EMPLOYEE): NSF; AID
RESEARCH ACTIVITY ONE: Muscle proteins
INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (695)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(25);
Asia(0.16); Europe, western(0.5)

<181>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<181>
Dean, David, 1926, PhD, 1957, Zoology,
207-542-4114;
Oceanography; University of Maine; Darling
Center; Walpole, ME 04573, US

PRINCIPAL FIELD: Marine Benthic Communities

COMPETENCE: Environmental Pollution(3); Marine
Biology(1); Oceanography(2)

EXPERIENCE (AS CONSULTANT): Utility; CC; COE

RESEARCH ACTIVITY ONE: Survey of Montsweag Bay
near nuclear power plant

RESEARCH ACTIVITY TWO: Controlled erosion in
Montsweag Bay

RESEARCH ACTIVITY THREE: Effects of dredging in
Belfast Harbor

INTEREST IN WORKING WITH: Utility; Local or
regional planning group; State government;
Professional society; The Nat'l Academy of
Sciences; CC; COE; EPA; MSP; OST (3606)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(22,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,1

<182>
Dean, Walter E., 1930, PhD, 1967, Geology,
215-476-5604
Geology; Syracuse University; Heroy Geology
Laboratory; Syracuse, NY 13210, US

PRINCIPAL FIELD: Biogeochemistry of marine and
freshwater sediments

COMPETENCE: Aquatic Ecology(3); Biochemistry(3);
Environmental Pollution(3); Limnology(3);
Marine Biology(2); Oceanography(3); Soil
Science(3); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): NSF

EXPERIENCE (AS CONSULTANT): Conservation group;
COE

RESEARCH ACTIVITY ONE: Regional Limnology of
Minnesota

RESEARCH ACTIVITY TWO: Pollution of Lake
Michigan

INTEREST IN WORKING WITH: Mining; AEC; COE; USDI;
NSF (1595)

IMPACT ASSESSMENT EXPERIENCE: Water supply; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Midwest(16);
North Central(1); Northeast(5)

AVAILABILITY (DAYS PER MONTH): A,10; S,20

<183>

Denoncourt, Robert P., 1932, PhD, 1969, Vrt,
Zool. Aquat., 717-443-8894
Dept. of Biological Sciences, York College,
Pennsylvania; Country Club Road, York, PA
17404, US

PRINCIPAL FIELD: Aquatic; Wetland & water
construction; fishes macroinvertebrates and
trophic levels

COMPETENCE: Respondent rate 16% of 122
scientific fields

EXPERIENCE (AS CONSULTANT): Utility; Local
group; COE

RESEARCH ACTIVITY ONE: Harrisburg flood
protection study

RESEARCH ACTIVITY TWO: Schuylkill River
ecological study

RESEARCH ACTIVITY THREE: Colonial Bay
Delaware River estuary

INTEREST IN WORKING WITH: Conservation;
Utility; Local government; Professional
society; The Institute of Ecology (TIE); The
National Academy of Sciences INAC; United
Nations; COE; EPA; FFW; USDI; NSF (3480)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Water Resource Development (incl
Dredging, filling, water control)
Hydroelectric power; Flood control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
South Central(1); Northeast(11,S); Middle
Atlantic(5,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<184>
 Dickson, Kenneth L., 1943, PhD, 1970, Zoology,
 703-951-5538
 Center Environmental Studies; 1020 Derring
 Hall; Blacksburg, VA 24061, US

PRINCIPAL FIELD: Aquatic biology

COMPETENCE: Animal Ecology(3); Aquatic
 Ecology(1); Fishery Biology(3); Environmental
 Pollution; Limnology(2); Water Resources
 Management(3)

EXPERIENCE (AS CONSULTANT): Manufacturing;
 Utility; Local or regional planning group;
 The Nat'l Academy of Sciences; COE; EPA

RESEARCH ACTIVITY ONE: Environmental analyses of
 three proposed reservoirs

RESEARCH ACTIVITY TWO: Biological monitoring

RESEARCH ACTIVITY THREE: Biological recovery of
 Clinch River

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; USDA (3765)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
 Hydroelectric power

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (2,M);
 Southeast (5,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<185>
 DiCiccio, John, C., 1935, PhD, 1960, Microbial
 Chem., 215-647-0900
 Microbial Health Research; Smith Kline & French
 Labs.; 1600 Paoli Pike; West Chester, PA
 19380, US

PRINCIPAL FIELD: Tissue residues & toxicology of
 veterinary products, biochemistry drug
 metabolism

COMPETENCE: Bacteriology(2); Biochemistry(2);
 Biostatistics(3); Food Sciences(2);
 Immunology(3); Microbiology(2); Virology(3)

EXPERIENCE (AS EMPLOYEE): Agriculture

RESEARCH ACTIVITY ONE: Residues of virginiamycin
 in swine

RESEARCH ACTIVITY TWO: Residues of a methane
 inhibitor in cattle

RESEARCH ACTIVITY THREE: Toxicology studies on
 virginiamycin

INTEREST IN WORKING WITH: Agriculture; County or
 city government; Local or regional planning
 group; State government; TIE; The Nat'l
 Academy of Sciences INRC; International
 Organizations; U.S. Federal Government; Other
 Governments (244)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(1)

<186>
 Dill, Norman H., 1938, PhD, 1960, Plant Ecology,
 202-678-5195
 Biology & Natural Resources; Delaware Sta &
 College; Dover, DE 19901, US

PRINCIPAL FIELD: Forest Productivity; Vegetation
 Management; Plant Geography; Forest Ecology

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; State
 government

EXPERIENCE (AS CONSULTANT): County or city
 government; Local or regional planning group;
 Conservation group; USDI; NSF; AID

RESEARCH ACTIVITY ONE: Plants - air - noise -
 microclimate interactions

RESEARCH ACTIVITY TWO: Wild shrub cultivation
 songbird attraction

RESEARCH ACTIVITY THREE: Integrated methods pest
 control & vegetative management

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (3942)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic(12,M); Asia(0.33)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<187>
 Dillingham, James H., 1938, PhD, 1965, Sanitary
 Eng., 617-272-7910
 Environmental Division; Analytical Systems
 Corp.; 31 Ray Avenue; Burlington, MA 01803,
 US

PRINCIPAL FIELD: Environmental Engineering
 Computer Applications & Data Processing

COMPETENCE: Aquatic Ecology(3); Bacteriology(3);
 Environmental Pollution(1); Limnology(3);
 Water Resources Management(1);
 Microbiology(3); Systematics(1); Systems
 Analysis(1); Water Resources Management(1);
 Water Treatment(1)

RESEARCH ACTIVITY ONE: Environmental Division
 Manager

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments; Australia
 (3996)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development (Genl); Channelization; Dredging,
 filling Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(7); North Central(4,M);
 Northeast(7,M); Middle Atlantic(1)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<189>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<189>

Dimond, Marie T., 1916, PhD, 1954, Animal
Biology, 202-263-2264
Dept. of Biology; Trinity College;
Washington, DC 20017, US

PRINCIPAL FIELD: Developmental Endocrinology of
Ectotherms

COMPETENCE: Anatomy(2); Physiology(1)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1534)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(32,M); Alaska(1); Canada, western(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,20

<189>

Divers, Barbara J., 1937, MS, 1971, Veterinary
Med., 301-889-9444
Zoo Veterinarian; Baltimore Zoo; Druid Hill
Park; Baltimore, MD 21217, US

PRINCIPAL FIELD: Medical care and management of
captive exotic animals

COMPETENCE: Animal Husbandry(2); Veterinary
Science(2)

EXPERIENCE (AS EMPLOYEE): The Nat'l Academy of
Sciences INRC

EXPERIENCE (AS CONSULTANT): Professional society

INTEREST IN WORKING WITH: Local Government;
Conservation or scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1847)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4); Rocky Mountain(1); North
Central(7); Middle Atlantic(1)

<190>

Donerath, Robert B., 1948, MS, 1972, Fisheries
Biology, 418-527-5616
Forestry and Wildlife Management; University
of Massachusetts; Amherst, MA 01002, US

PRINCIPAL FIELD: Foods of fishes and feeding
competition on an interspecific level

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(2); Fishery Biology(1); Limnology(3);
Population Biology(3)

RESEARCH ACTIVITY ONE: Location of Shad spawning
sites, Connecticut River

RESEARCH ACTIVITY TWO: Food competition between
Shad and resident fish species

INTEREST IN WORKING WITH: Private Sector; Local
Government; Civic action group; Conservation
group; The Institute of Ecology (TIE); United
Nations; U.S. Federal Government; Canadian
(921)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Canals/Channels; Reservoir releases; Water
supply; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<191>

Docley, James K., 1941, MA, 1970, Zoology
Zoology; Inst. Mar. Science Univ. North
Carolina; Morehead City, NC 28557, US

PRINCIPAL FIELD: Marine ecology & systematics of
fishes

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): USDI

RESEARCH ACTIVITY ONE: Fish stocks of the
everglades national park

RESEARCH ACTIVITY TWO: Fishes Assoc. Pelagic
Sargassum

RESEARCH ACTIVITY THREE: Revision & Comparative
Biology of Tilefishes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other governments (1831)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(3,M); Southeast(4,M)

AVAILABILITY (DAYS PER MONTH): A, 0; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<192>
Douglas, Lowell A., 1926, PhD, 1961, Soils,
201-247-1766
Soils & Crops; Dept. of Soils & Crops; New
Brunswick, NJ 08903, US
Government; Conservation or Scientific Group;
U.S. Federal Government; Central American;
Canadian; South American (3749)

PRINCIPAL FIELD: Mineral cycling & waste disposal
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Forestry; Parks,
recreational facilities; Reservoirs/Dams;
Watershed, forest, range; Hydroelectric
power; Shoreline protection; Fish & Wildlife
conservation

COMPETENCE: Agronomy(2); Agricultural Science(2);
Aquatic Ecology(2); Environmental
Pollution(2); Oceanography(2); Soil
Science(1); Water Resources Management(2)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); South Central(4); Northeast(1);
Middle Atlantic(16)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA
AVAILABILITY (DAYS PER MONTH): A,15; S,15

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Utility; COE

RESEARCH ACTIVITY ONE: Wastewater irrigation and
disposal

RESEARCH ACTIVITY TWO: Nutrient
cycling-stream-soil interactions

RESEARCH ACTIVITY THREE: Sewage sludge disposal
on the land

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Local Government; Conservation
or Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (3170)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion; Water Resource Development (Genl);
Irrigation; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Rocky Mountain(2); Middle
Atlantic(15); Alaska(7); Canada, northern(1)

AVAILABILITY (DAYS PER MONTH): A,8; S,B

<193>
Dowling, Paul Bruce, 1926, MS, 1965,
Zoology-Wildlife, 703-638-1649
Paul Bruce Dowling & Associates; 2525 N 10th
St No 726; Arlington, VA 22201, US

PRINCIPAL FIELD: Report on Biological Physical,
Human Environmental Impact Factors-Devise
Solutions

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government;
Conservation group

EXPERIENCE (AS CONSULTANT): Agriculture; Utility;
United Nations; USDA

RESEARCH ACTIVITY ONE: A comparative
environmental study of pumped storage sites

INTEREST IN WORKING WITH: Private Sector; Local

<194>
Drury, William R., 1921, PhD, 1952, Biology -
Geology, 617-259-9500
Scientific Staff; Massachusetts Audubon
Society; South Great Road; Lincoln, MA
01773, US

PRINCIPAL FIELD: Interaction of behavior and
population biology in Seabirds

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Environmental Pollution(2);
Marine Biology(3); Ornithology(1); Pest
Control(3); Plant Ecology(2); Population
Biology(1); Systematics(3); Wildlife
Management(2)

EXPERIENCE (AS EMPLOYEE): Conservation group;
COE; USDI

EXPERIENCE (AS CONSULTANT): State government;
Conservation group; The Nat'l Academy of
Sciences; DOD; EPA; HEW; USDI; OST

RESEARCH ACTIVITY ONE: Population & movements of
New England Herring gulls

RESEARCH ACTIVITY TWO: Management of
Massachusetts terns

RESEARCH ACTIVITY THREE: Panel on hazardous trace
substances

INTEREST IN WORKING WITH: Agriculture; Utility;
Local or regional planning group; State
government; Conservation group; The Institute
of Ecology; United Nations; IUCN; COE; DOD;
EPA; HEW; USDI; NSP; OST (686)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Pesticides, herbicides; Dredging,
filling; Flood control; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(30,M);
Alaska(1,M); Canada, northern(1,M)

AVAILABILITY (DAYS PER MONTH): A,6-8; S,0

<195>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<195>

Dryfoos, Robert L., 1939, PhD, 1965, Fisheries,
401-789-9326
Marmap Field Office; National Marine Fisheries
Service; So. Perry Road; Narragansett, RI
02882, US

PRINCIPAL FIELD: Tagging studies and population
dynamics; research administration

COMPETENCE: Biostatistics(2); Fishery Biology(1);
Marine Biology(3); Oceanography(3);
Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): USDC; USDI

RESEARCH ACTIVITY ONE: Marmap field office

RESEARCH ACTIVITY TWO: Menhaden tagging studies

RESEARCH ACTIVITY THREE: Smelt studies

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (2521)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4); Northeast(1); Middle Atlantic(7,M)

<196>

Dudzinski, Diane M., 1946, MS, 1970, Biology
Fordham Univ. L. Calder Conservation &
Ecology Study Center; 45 Shippoorwill Road;
Armonk, NY 10504, US

PRINCIPAL FIELD: Nutritional requirements of
marine and fresh water phytoplankton and
their ecology

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(1);
Bacteriology(Marine) (2); Biochemistry(2);
Fishery Biology(3); Environmental
Pollution(Aquatic) (1); Marine Biology(2);
Microbiology(1); Nutrition(phytoplankton) (1)

RESEARCH ACTIVITY ONE: Survey-marine
phytoplankton of Bermuda

RESEARCH ACTIVITY TWO: Nutritional requirements
and ecology of Bermudian endosymbions and
other phytoplankton

RESEARCH ACTIVITY THREE: Survey of Calder Lake,
biological

INTEREST IN WORKING WITH: U.S. Federal Government
(2325)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(26,M)

AVAILABILITY (DAYS PER MONTH): A,6; S,30

<197>

Duffy, Regina M., 1920, PhD, 1950, Botany,
203-379-8545
President; Northwestern Community College;
Park Place; Winsted, CT 06098, US

PRINCIPAL FIELD: Cellular morphology of plants

COMPETENCE: Plant Morphology(1)

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (614)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7);
Middle Atlantic(25)

AVAILABILITY (DAYS PER MONTH): A,no limit

<198>

DuMond, David M., 1943, MS, 1969, Botany,
919-799-4470
Coastal Zone Resources Corporation; 4009
Oleander Dr.; Wilmington, NC 28401, US

PRINCIPAL FIELD: Impact Analysis Deciduous Forest
Biome Natural Systems

COMPETENCE: Aquatic Ecology(3); Environmental
Pollution(3); Horticulture(3); Limnology(3);
Rare Plant Species(1); Ornithology(3);
Paleontology(3); Plant Ecology(1);
Taxonomy(1); Water Resources Management(3);
Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Construction;
Transportation; Utility; Local or regional
planning group; State government; Civic
action group; Conservation group; COE; EPA;
DOT

RESEARCH ACTIVITY ONE: Dredging Sunny Point
marine ordinance terminal

RESEARCH ACTIVITY TWO: Bridge-Tunnel crossing
Hampton roads

RESEARCH ACTIVITY THREE: Dredge and fill Pine
knoll shores Bogue banks

INTEREST IN WORKING WITH: Construction; Mining;
Transportation; Utility; State government;
Civic action group; Conservation group;
Professional society; COE; EPA; USDI; NSP;
DOT (1892)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Dredging, filling;
Canals/Channels; Navigation; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(7,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><199> Dyer, Gloria J., 1929, MA, 1956, Biology, 201-543-2907 Assoc. Professor; Fairleigh Dickenson University; West Passaic Ave.; Rutherford, NJ 07026, US</p>	<p><201> Edwards, Stephen J., 1948, MS, 1973, Environmental Engineering, 203-426-4015 Civil Engineering; Institute Water Resources, Box 10 University Connecticut; Storrs, CT 06268, US</p>
<p>PRINCIPAL FIELD: Teaching environmental sciences and ecology of invertebrates</p>	<p>PRINCIPAL FIELD: Phytoplankton Composition and Diversity Relative to Water Chemistry</p>
<p>COMPETENCE: Animal Ecology(2); Aquatic Ecology(2); Environmental Pollution(2); Limnology(2); Plant Ecology(2); Benthic Invertebrates(1)</p>	<p>COMPETENCE: Aquatic Ecology(1); Biochemistry(3); Fishery Biology(3); Environmental Pollution(1); Limnology(2); Aquatic Chemistry(1); Marine Biology(3); Oceanography(3); Water Resources Management(2)</p>
<p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (4016)</p>	<p>RESEARCH ACTIVITY ONE: Research Assistant</p>
<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8); Middle Atlantic(30)</p>	<p>INTEREST IN WORKING WITH: Agriculture; Construction; Manufacturing; Mining; Utility; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; International Organizations; AEC; COE; EPA; NSP; OST; AID; Canadian; European, eastern; European, western; Australia (261)</p>
<p>AVAILABILITY (DAYS PER MONTH): S,30</p>	<p>IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Organic wastes</p>
<p><200> Dysart, Richard J., 1932, PhD, 1961, Entomology, 609-235-0854 Beneficial Insects Laboratory; U.S. Dept. Agriculture ARS; P.O. Box 150; Moorestown, NJ 08057, US</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2,M)</p>
<p>PRINCIPAL FIELD: Foreign exploration for natural enemies of introduced insect pests (biological control)</p>	<p><202> Egler, Frank E., PhD, 1936, Ecology, 203-542-5125 Aton Forest; Norfolk, CT 06058, US</p>
<p>COMPETENCE: Agricultural Science(3); Entomology(1); Parasitology(1); Pest Control(1); Plant Pathology(2)</p>	<p>PRINCIPAL FIELD: Vegetation Science and Vegetation Management</p>
<p>EXPERIENCE (AS EMPLOYEE): State government; USDA</p>	<p>COMPETENCE: Animal Ecology(2); Aquatic Ecology(2); Forestry(2); Environmental Pollution(3); Horticulture(2); Pest Control(1); Plant Ecology(1); Range Science(2); Taxonomy(2); Water Resources Management(3); Wildlife Management(2)</p>
<p>RESEARCH ACTIVITY ONE: Search for and importation of parasites of alfalfa weevil from Europe to USA</p>	<p>EXPERIENCE (AS EMPLOYEE): USDA</p>
<p>RESEARCH ACTIVITY TWO: Search for and importation of parasites of oulema melanopus from Europe to USA</p>	<p>EXPERIENCE (AS CONSULTANT): Transportation; Utility; Civic action group; Conservation group; Professional society</p>
<p>RESEARCH ACTIVITY THREE: Search for parasites of oulema melanopus in USSR</p>	<p>RESEARCH ACTIVITY ONE: Owner</p>
<p>INTEREST IN WORKING WITH: Agriculture; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1066)</p>	<p>RESEARCH ACTIVITY TWO: Technical Advisor</p>
<p>IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides</p>	<p>RESEARCH ACTIVITY THREE: Director</p>
<p>GEOGRAPHIC FAMILIARITY (YEARS): North Central(10); Europe, western(8,M)</p>	<p>INTEREST IN WORKING WITH: Transportation; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; United Nations; IUCN; USDA; CC; COE; DOD; EPA; USDI; NSP; OST; AID; Other Governments (758)</p>
<p>AVAILABILITY (DAYS PER MONTH): A,3</p>	<p>IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways; Pesticides, herbicides; Watershed, forest, range; Fish & Wildlife conservation</p>
	<p>GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); Northeast(35,M); Hawaii(1); Central America(2)</p>
	<p>AVAILABILITY (DAYS PER MONTH): A,2; S,2</p>

<203>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<203>

Fhrlich, Henry L., 1925, PhD, 1951, Agricultural
Bacteriology, 518-270-6392
Biology Dept.; Rensselaer Polytechnic
Institute; Troy, NY 12181, US

PRINCIPAL FIELD: Activities of microbes in
hydrosphere and lithosphere (geomicrobiology)

COMPETENCE: Aquatic Ecology(3); Bacteriology(1);
Biochemistry(2); Environmental Pollution(3);
Limnology(2); Marine Biology(2);
Microbiology(1); Oceanography(3)

RESEARCH ACTIVITY ONE: Microbial leaching of
low-grade sulfide ores

RESEARCH ACTIVITY TWO: The microbiology &
manganese nodules

RESEARCH ACTIVITY THREE: Hydrostatic pressure
effects on marine bacteria

INTEREST IN WORKING WITH: Mining; Professional
society; TIE; The Nat'l Academy of Sciences
INRC; United Nations; CC; COE; DOD; EPA;
USDI; NSF; European, western (2260)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(0);
North Central(3); Northeast(21)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<204>

Eisenbud, Merrill, 1915, BSEE, 1936, Electrical
Engineering, 212-679-3200, Ext. 5253
Inst. of Environmental Medicine; New York
University Medical Center; 550 First Avenue;
New York, NY 10016, US

PRINCIPAL FIELD: Environmental radioactivity,
pollution control

COMPETENCE: Biophysics(3); Environmental
Pollution(1); Marine Biology(3); Water
Resources Management(3)

EXPERIENCE (AS EMPLOYEE): County or city
government; United Nations; AEC

EXPERIENCE (AS CONSULTANT): Utility; State
government; Professional society; The Nat'l
Academy of Sciences; United Nations; AEC;
EPA; HEW; OST; AID; South American; Israel

RESEARCH ACTIVITY ONE: Radioactivity measurement

RESEARCH ACTIVITY TWO: Hudson River ecology

RESEARCH ACTIVITY THREE: Trace elements in urban
atmospheres

INTEREST IN WORKING WITH: Private Sector;
Utility; Local Government; County or city
government; Local or regional planning group;
States government; Conservation or Scientific
Group; Civic action group; Conservation
group; Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
International Organizations; U.S. Federal
Government; AEC; Other Governments (3409)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Tailings, spoils
disposal; Water Resource Development(GENL)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(37);
South America(M)

AVAILABILITY (DAYS PER MONTH): A,0; S,0

<205>

Eisler, Ronald, 1932, PhD, 1961, Fisheries Biology
Hebrew University, Eilat, Israel (currently
visiting professor) U.S. Environmental
Protection Agency; P.O. Box 277; W. Kingston,
RI, US

PRINCIPAL FIELD: Physiological effects of metals,
crude oil, insecticides, syndets to marine
life

COMPETENCE: Aquatic Ecology(1); Fishery
Biology(1); Environmental Pollution(1);
Marine Biology(1); Oceanography(1); Pest
Control(2); Physiology(2); Taxonomy(2); Water
Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; Utility;
State government; Civic action group;
Conservation group; Professional society;
United Nations; USDA; AEC; DOC; CC; COE; EPA;
USDI; OST; Canadian; Israel

RESEARCH ACTIVITY ONE: Cadmium poisoning in
marine organisms

RESEARCH ACTIVITY TWO: Toxicology of syndets and
NTA to marine life

RESEARCH ACTIVITY THREE: Crude oil toxicity in
red sea

INTEREST IN WORKING WITH: International
Organizations; U.S. Federal government;
Asian; Canadian; European, western; Israel
(3185)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides,
herbicides; Hydroelectric power; Water
quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(6); Rocky Mountain(2); Northeast(6);
Middle Atlantic(5); Southeast(1);
Hawaii(.25); Alaska(.25); Europe,
western(.25); Israel(1)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<206>

Fider, Alfred S., 1936, MPP, 1971, Plant Pathology, 919-829-7262
Plant Protection Services; North Carolina Dept of Agriculture; P.O. Box 27647; Raleigh, NC 27611, US

PRINCIPAL FIELD: Management, quarantine regulation and integrated control of plant pests

COMPETENCE: Agricultural Science(3); Entomology(2); Environmental Pollution(3); Plant Nematology(1); Pest Control(2); Plant Pathology(2); Plant Virology(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Agriculture; County or city government; Local or regional planning group; Conservation group; Professional society; USDA; COE; EPA

INTEREST IN WORKING WITH: Agriculture; Local Government; Conservation or Scientific Group; USDA; CC; COE; DOD; EPA; USDI; NSF; OST; AID (801)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Southeast(11,M)

<207>

Engel, Ronald A., 1936, PhD, 1966, Zoology Zoology; State University College; Biostation; Oswego, NY 13126, US

PRINCIPAL FIELD: Biological Limnology & Fisheries Biology

COMPETENCE: Animal Ecology(2); Aquatic Ecology(1); Fishery Biology(1); Environmental Pollution(1); Limnology(1); Marine Biology(2); Oceanography(3); Pest Control(3); Water Resources Management(3); Wildlife Management(3)

EXPERIENCE (AS CONSULTANT): Utility; Engineering consultant

RESEARCH ACTIVITY ONE: Benthos of near shore waters of Lake Ontario

RESEARCH ACTIVITY TWO: Fish studies of the Oswego Harbor area

RESEARCH ACTIVITY THREE: Zooplankton studies in Oswego Harbor area

INTEREST IN WORKING WITH: State government; COE; EPA; USDI; West Indian (4061)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Pesticides, herbicides; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4); Middle Atlantic(6,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<208>

Erickson, James M., 1947, PhD, 1973, Entomology-256-3093
Dept. of Entomology; Cornell University; Ithaca, NY 14850, US

PRINCIPAL FIELD: Host-Plant Insect Co-Evolution Based on Chemical Interactions

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): State government; USD

EXPERIENCE (AS CONSULTANT): USDA

RESEARCH ACTIVITY ONE: Host plant insect coevolution in *P. Polyxenes*

RESEARCH ACTIVITY TWO: Population dynamics of harvester ants

RESEARCH ACTIVITY THREE: Methods improvement - pink bollworm program

INTEREST IN WORKING WITH: Private Sector; County or city government; Local or regional planning group; State government; Civic action group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; USDA; CC; COE; DOD; EPA; NSF (1523)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy conversion/production; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(M); Southwest(M); Northeast(4)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<209>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<209>

Eustance, William E., 1937, BS, 1970,
Environmental Engineering/Zoology,
914-361-4541
Engineering Department; Eustance & Horowitz,
P.C.; Box 525; Circleville, NY 10919, US

PRINCIPAL FIELD: Aquatic ecology, especially
fisheries, plus pollution control as
environmental engineer

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(2); Fishery Biology(2); Environmental
Pollution(2); Limnology(3); Plant Ecology(3);
Water Resources Management(2); Wildlife
Management(3)

EXPERIENCE (AS EMPLOYEE): Conservation group; USDI

EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing; County or city government;
State government; Civic action group

RESEARCH ACTIVITY ONE: DDT analysis of Lake
George sediments

RESEARCH ACTIVITY TWO: Aquatic environs of
Emerald Green - N.Y. State D.E.C. Hearing

RESEARCH ACTIVITY THREE: Edgewood Lakes NYS-DEC
hearing

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
USDI; DOD; EPA; AEC; USDC; CC; COE; DOD; EPA;

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Pesticides, herbicides; Water Resource
Development (GENL): Reservoirs/Dams;
Watershed, forest, range; Reservoir releases;
Water supply; Water quality control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1.5); North Central(0.25);
Northeast(5.5); Middle Atlantic(7.5,M);
Southeast(1.5); Europe, western(0.25)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<210>

Ezenden, Fred G., 1921, PhD, 1949, Field Biology,
202-363-2425
Executive Director; The Wildlife Society,
Inc.; 3900 Wisconsin Ave. NW; Washington, DC
20016, US

PRINCIPAL FIELD: Broad natural history,
especially bird, mammal and plant ecology

COMPETENCE: Animal Ecology(1); Fishery
Biology(5); Ornithology(1); Plant Ecology(3);
Taxonomy(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): State government;
Professional society; USDI

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;

State government; Civic action group;
Conservation group; Professional society;
IUCN; USDA; AEC; USDC; CC; COE; DOD; EPA;
USDI; AID

RESEARCH ACTIVITY ONE: All consultant services
have been without remuneration

INTEREST IN WORKING WITH: Private Sector; State
government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1918)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(18,M); Rocky Mountain(3); Middle
Atlantic(9,M); Asia(2)

<211>

Fairchild Robert P., 1945, BS, 1966, Fishery
Biology, 315-446-1388
Nottingham High School; Syracuse City School
District; 3100 E. Genesee St.; Syracuse, NY
13224, US

PRINCIPAL FIELD: Life Histories of Fresh-Water
Fishes

COMPETENCE: Aquatic Ecology(2); Fishery
Biology(1); Environmental Pollution(3);
Limnology(3)

EXPERIENCE (AS EMPLOYEE): County or city
government; State government; DOD; USDI

EXPERIENCE (AS CONSULTANT): County or city
government; Lake Boat Club

RESEARCH ACTIVITY ONE: Cranberry Lake water
quality survey

RESEARCH ACTIVITY TWO: first-year growth alewife
Lake Ontario

RESEARCH ACTIVITY THREE: Operation clearwater

INTEREST IN WORKING WITH: Private Sector; Local
Government; Professional society; The
Institute of Ecology; U.S. Federal Government
(2393)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6,M);
Asia(2)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<212>
Farrar, Richard B., 1939, BS, 1950, Ornithology, 802-B02-4571
Executive Director; Vermont Institute of Natural Science; 24 Elm Street; Woodstock, VT 05091, US
INTERNATIONAL ORGANIZATIONS: U.S. Federal Government; Other Governments (2335)
IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils disposal; Water quality control; Oil Pollution
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M); Middle Atlantic(M); Atlantic Ocean
AVAILABILITY (DAYS PER MONTH): A,1; S,1
PRINCIPAL FIELD: Avian migration and energy balance
COMPETENCE: Animal Behavior(3); Animal Ecology(2); Aquatic Ecology(2); Environmental Pollution(2); Ornithology(1); Plant Ecology(3); Physiology(3)
EXPERIENCE (AS EMPLOYEE): Conservation group
EXPERIENCE (AS CONSULTANT): Construction; County or city government; Local or regional planning group; State government; Civic action group; Conservation; USDA; REW
RESEARCH ACTIVITY ONE: Development of marsh habitat for corporation
RESEARCH ACTIVITY TWO: Watershed monitoring system - Water quality
RESEARCH ACTIVITY THREE: Outdoor education laboratory
INTEREST IN WORKING WITH: Agriculture; Construction; Local Government; Conservation or Scientific Group; U.S. Federal Government (2040)
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Parks, recreational facilities; Soil erosion; Water Resource Development (Genl); Dredging, filling; Watershed, forest, range; Water supply; Water quality control; Fish & Wildlife conservation
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(11,M); Southeast(1)
AVAILABILITY (DAYS PER MONTH): A,10; S,10

<213>
Parrington, John W., 1944, PhD, 1972, Oceanography, 617-548-1400
Chemistry; Woods Hole Oceanographic Institution; Woods Hole, MA 02543, US
PRINCIPAL FIELD: Organic geochemistry, and oil pollution problems, input-fate effect
COMPETENCE: Aquatic Ecology(3); Biochemistry(2); Environmental Pollution(2); Marine Biology(3); Oceanography(1); Organic Geochemistry(1)
EXPERIENCE (AS CONSULTANT): State government; Civic action group; The Nat'l Academy of Sciences; EPA; USDI; NSP
RESEARCH ACTIVITY ONE: Organic chemistry in marine environment
RESEARCH ACTIVITY TWO: Assessment problems oil pollution Atlantic
RESEARCH ACTIVITY THREE: Organic geochemistry estuarine sediments
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group;

Federer, C. Anthony, 1939, PhD, 1964, Soil Science, 603-868-5576
Northeastern Forest Exp. Sta.; Box 640; Durham, NR 03824, US
PRINCIPAL FIELD: Forest Meteorology, Especially Evapotranspiration and Snowmelt
COMPETENCE: Forestry(2); Micrometeorology(1); Plant Ecology(3); Soil Science(3); Water Resources Management(1)
EXPERIENCE (AS EMPLOYEE): USDA
EXPERIENCE (AS CONSULTANT): Professional society; USDA
RESEARCH ACTIVITY ONE: Water stress in hardwood trees
RESEARCH ACTIVITY TWO: Snowmelt in hardwood forests
RESEARCH ACTIVITY THREE: Wind profiles over forests
INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; U.S. Federal Government; USDA (1795)
IMPACT ASSESSMENT EXPERIENCE: Forestry; Water Resource Development(Genl); Watershed, forest, range; Water supply
GEOGRAPHIC FAMILIARITY (YEARS): North Central(5); Northeast(8,M)
AVAILABILITY (DAYS PER MONTH): A,3; S,3

<215>
Ferner, John W., 1945, PhD, 1972, Animal Ecology, 412-745-3567
Dept. of Biology; Washington and Jefferson College; Washington, PA 15301, US
PRINCIPAL FIELD: Ecological Survey of Terrestrial Vertebrate Populations
COMPETENCE: Animal Behavior(2); Animal Ecology(1); Population Biology(2); Reproductive Biology(3)
RESEARCH ACTIVITY ONE: Lizard ecology
RESEARCH ACTIVITY TWO: Squirrel competition and ecology
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; United Nations; IUCN; USDA; COE; EPA; USDI; NSP; African; Canadian; Mexican (1359)
GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(5,M); Northeast(1)
AVAILABILITY (DAYS PER MONTH): A,5; S,20

<216>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<216>

Ferrigno, Fred, 1928, MS, 1967, Environmental Science, 609-628-2103
Environmental Protection; Rutgers State University; New Brunswick, NJ, US

PRINCIPAL FIELD: Wetlands Ecology

COMPETENCE: Animal Ecology(2); Entomology(2); Environmental Pollution(3); Mosquito control(1); Pest Control(2); Wildlife Management(1); Salt Marsh Ecology(1)

EXPERIENCE (AS EMPLOYEE): County or city government; Local or regional planning group; State government; Conservation group; COE; EPA; USDI

RESEARCH ACTIVITY ONE: Ecology marshlands and coastal impoundments

RESEARCH ACTIVITY TWO: Open marsh water management

RESEARCH ACTIVITY THREE: Wetlands ecology

INTEREST IN WORKING WITH: Agriculture; Local Government; The Institute of Ecology; COE; EPA; USDI (3931)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides; Channelization; Dredging, filling; Levees/dikes; Watershed, forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (20)

<217>

Feuer, Robert C., 1936, PhD, 1966, Herpetology, 215-386-5800
Biological Science; Philadelphia Coll. of Pharmacy & Sci.; 43rd & Woodland Ave.; Philadelphia, PA 19104, US

PRINCIPAL FIELD: Systematic herpetology

COMPETENCE: Anatomy(3); Animal Behavior(3); Animal Ecology(2); Aquatic Ecology(3); Biostatistics(2); Fishery Biology(2); Limnology(2); Herpetology(1); Population Biology(3); Systematics(2); Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; Education; USDI

EXPERIENCE (AS CONSULTANT): Civic action group; Education

RESEARCH ACTIVITY ONE: Variation in snapping turtles, chelydra Sp

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2428)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(2); North Central(3); Northeast(9,M); Southeast(2,M)

AVAILABILITY (DAYS PER MONTH): A, varies; S, 30

<218>

Fine, Michael L., 1946, MA, 1970, Marine Science, 401-792-6251
Graduate School of Oceanography; University of Rhode Island; Kingston, RI 02881, US

PRINCIPAL FIELD: Sargassum community ecology

COMPETENCE: Animal Behavior(2); Marine Biology(3); Oceanography(3); Physiology(2); Taxonomy(3)

RESEARCH ACTIVITY ONE: Faunal variation on pelagic sargassum

RESEARCH ACTIVITY TWO: Sexual dimorphism in toadfish swimbladders

RESEARCH ACTIVITY THREE: Brain stimulation in toadfish

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1495)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2); Middle Atlantic(3)

AVAILABILITY (DAYS PER MONTH): A, 5; S, 8

<219>

Fisher, Harold W., 1928, PhD, 1959, Biophysics, 401-792-2225
Biophysics Dept.; University of Rhode Island; 226 Morrill Hall; Kingston, RI 02881, US

PRINCIPAL FIELD: Mammalian cell culture

COMPETENCE: Biophysics(1); Microbiology(2); Virology(3)

EXPERIENCE (AS CONSULTANT): National Science Foundation

RESEARCH ACTIVITY ONE: Cell culture assay of water pollutants

RESEARCH ACTIVITY TWO: Electron microscopy of viruses

RESEARCH ACTIVITY THREE: Tobacco synthesis

INTEREST IN WORKING WITH: Private Sector; Local government; Professional Society; The Nat'l Academy of Sciences INRC; International Organizations; U.S. Federal Government; Central American; Canadian; European, western; South American (707)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2); Rocky Mountain(1); Northeast(10,M); Canada, eastern(1); Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<220>
 Plagg, Lewis W., 1940, BS 1965, Wildlife
 Science, 201-289-2291
 Sea and Shore Fisheries; Capitol Shopping
 Center; Augusta, ME 04330, US

PRINCIPAL FIELD: Life history studies of
 anadromous fish of the Northwest Atlantic

COMPETENCE: Animal Ecology(3); Anthropology(3);
 Aquatic Ecology(3); Entomology(3); Fishery
 Biology(2); Forestry(3); Environmental
 Pollution(3); Marine Biology(1);
 Oceanography(3); Ornithology(3);
 Parasitology(3); Water Resources
 Management(3); Wildlife Management(2)

EXPERIENCE (AS EMPLOYER): State government

EXPERIENCE (AS CONSULTANT): Conservation group;
 USDI

RESEARCH ACTIVITY ONE: Development of commercial
 anadromous fish resources

RESEARCH ACTIVITY TWO: Stream improvement and
 fishway construction

RESEARCH ACTIVITY THREE: Striped bass and smelt
 fishery

INTEREST IN WORKING WITH: State government;
 Conservation group; International
 Organizations; CC; COE; DOD; USDI; Asian;
 African; Central American; Canadian; South
 American (8/4)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Forestry; Highways;
 Parks, recreational facilities; Pesticides,
 herbicides; Tailings, spoils disposal; Water
 Resource Development(GENL); Dredging,
 fill, land reclamation; Reservoirs/Dams;
 Coastal protection/tetties; Watershed,
 forest, range; Reservoir releases;
 Hydroelectric power; Navigation; Flood
 control, flood supply, water quality control;
 Shoreline protection; Fish & Wildlife
 conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4,M);
 Asia(1)

<221>
 Story, Gerard F., 1929, PhD, 1968, Entomology,
 615-453-2854
 New England Instruments; 108 Alpha Road;
 Chelmsford, MA 01824, US

PRINCIPAL FIELD: Taxonomy of Oestodinae
 (COLEOPTERA:ELATERIDAE) & Beetle
 Identification

COMPETENCE: Anatomy(3); Animal Husbandry(3);
 Entomology(2); Environmental Pollution(3);
 Genetics(3); Limnology(3); Parasitology(3);
 Paleontology(3); Physiology(3);
 Systematics(2); Taxonomy(2)

INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Transportation;
 Utility; Local Government; County or city
 government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Asian; South American (1383)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
 facilities

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(1.5); Northeast(1); Middle
 Atlantic(11.5)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

<222>
 Foerster, John W., 1939, PhD, 1971, Marine
 Science, 301-825-3300
 Biological Sciences; Goucher College; Dulaney
 Valley Road; Towson, MD, US

PRINCIPAL FIELD: Aquatic Biology-Freshwater,
 Estuaries, Oceans Phytoplankton, Fisheries

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYER): Canadian

EXPERIENCE (AS CONSULTANT): Manufacturing;
 Utility; County or city government; Local or
 regional planning group; State government;
 Civil aviation group; Conservation group;
 Canadian; South American

RESEARCH ACTIVITY ONE: ANADROMOUS FLUPEID
 Fisheries- Susquehanna river

RESEARCH ACTIVITY TWO: Eutrophication of Bush
 Lake

RESEARCH ACTIVITY THREE: Great America Project

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Professional society; The
 Institute of Ecology (TIE); The National
 Academy of Sciences; United Nations; U.S.
 Federal Government; EPA; HUD; NSF; OST; AID.
 Other Governments (2061)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Parks, recreational
 facilities; Soil erosion; Water Resource
 Development (Genl); Reservoirs/Dams;
 Hydroelectric power; Water supply; Water
 quality control; Shoreline protection; Fish &
 Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2,M);
 Northeast(4,M); Middle Atlantic(4,M); Canada
 eastern(1,M); South America(0.5)

AVAILABILITY (DAYS PER MONTH): A,8; S,20

<223>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<223>

Foley, Donald D., 1918, BS, 1940, Ornithology,
518-457-3432
Division of Fish & Wildlife; 50 Wolf Road;
Albany, NY 12201, US

PRINCIPAL FIELD: Ornithology & Plant Ecology of
Wetlands

COMPETENCE: Agronomy(2) Fishery Biology(2); Soil
Science(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group, Atlantic Waterfowl
Council; Atlantic Waterfowl Council

RESEARCH ACTIVITY ONE: Wild turkey
re-establishment

RESEARCH ACTIVITY TWO: Techniques manual,
Atlantic Flyway Council

RESEARCH ACTIVITY THREE: Canada goose
establishment

INTEREST IN WORKING WITH: Private Sector; Local
Government; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences; AEC; COE; DOD; EPA; USDI; NSP;
Canadian (1248)

IMPACT ASSESSMENT EXPERIENCE: Airports; Highways;
Parks, recreational facilities; Pesticides,
herbicides; Tailings, spoils disposal;
Dredging, filling; Beach nourishment;
Levees/dikes; Coastal protection/tetties;
Canals/Channels; Watershed, forest, range;
Navigation; Flood control; Water quality
control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (2,M);
Middle Atlantic (30,M); Canada, eastern(1);
Europe, western(1)

AVAILABILITY (DAYS PER MONTH): Unknown

<224>

Foley, Donald D., 1918, BS, 1940, Wildlife,
518-439-3298
NYS Dept. Environ., Wildlife; 17 Charles Plvd.;
Delmar, NY, US

PRINCIPAL FIELD: Waterfowl and Wetlands Ecology
and Management, Research and Administration

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Conservation group;
Professional society

RESEARCH ACTIVITY ONE: Oil Spill Contingency Plan
for Wildlife

RESEARCH ACTIVITY TWO: Wetland Habitat Techniques
Manual

RESEARCH ACTIVITY THREE: Federal Wildlife
Research Projects

INTEREST IN WORKING WITH: Private Sector; Local
Government; County or city government; Local
or regional planning group; State Government;
The Institute of Ecology (TIE); United
Nations; IUCN; U.S. Federal Government
Canadian (3961)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Channelization; Dredging,
filling; Beach nourishment; Reservoirs/Dams,
Levees/dikes; Coastal protection/tetties;
Canals/Channels; Reservoir releases;
Navigation; Flood control; Water quality
control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(30,M);
Africa(1); Canada, eastern(1); Europe,
western(1)

AVAILABILITY (DAYS PER MONTH): A,20; S,10

<225>

Follmann, Erich H., 1943, PhD, 1973, Zoology,
201-473-6044
Woodward-Envicon Inc.; 1373 Broad St.;
Clifton, NJ 07012, US

PRINCIPAL FIELD: Wildlife Ecology Especially
Animal Behavior, Population Biology, Predation

COMPETENCE: Anatomy(3); Aquatic Ecology(3);
Biostatistics(3); Environmental Pollution(3);
Mammalogy(2); Plant Ecology(3);
Physiology(3); Population Biology(2);
Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; COE

RESEARCH ACTIVITY ONE: Impact Evaluation

RESEARCH ACTIVITY TWO: Impact Evaluation of
Nuclear Facility

RESEARCH ACTIVITY THREE: Ecology and Behavior of
Red and Gray Foxes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3064)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion; Channelization; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(7,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTINGS)

<226>
 Toote, Peter S., 1946, BS, 1970, Wildlife
 Biology, 717-548-2121
 Ichthyological Associates; P.O. Box 12;
 Drumore, PA 17518, US
 PRINCIPAL FIELD: Life History of Anadromous
 Species And Operation of Fishways
 COMPETENCE: Respondent lists 16 or more
 scientific fields
 EXPERIENCE (AS EMPLOYEE): Agriculture;
 Manufacturing; State Government; USDI
 EXPERIENCE (AS CONSULTANT): Utility
 RESEARCH ACTIVITY ONE: Ichth; Assoc. Conowingo
 Bay Run Project
 RESEARCH ACTIVITY TWO: Mass Coop Fishery Unit
 Connecticut River project
 INTEREST IN WORKING WITH: Utility; Local or
 regional planning group; State government;
 Conservation or Scientific Group; USDA; USDC;
 GOE; EPA; USDI; NSF Canadian (1225)
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast (1,M);
 Middle Atlantic (1,M)
 AVAILABILITY (DAYS PER MONTH): A,25; S,25

<227>
 Forbes, James E., 1937, BS, 1963, Forestry,
 513-472-6492
 U.S. Dept. Interior; U.S. Fish and Wildlife
 Service; P.O. Box 150; Albany, NY 12201, US
 PRINCIPAL FIELD: Varied
 COMPETENCE: Agricultural Science(2); Animal
 Behavior(2); Animal Ecology(2); Forestry(3);
 Environmental Pollution(2); Radio telemetry -
 Wildlife(1); Ornithology(2); Pest Control(1);
 Population Biology(1); Reproductive
 Biology(3); Wildlife Management(1)
 EXPERIENCE (AS EMPLOYEE): State government;
 Professional society; DOD; USDI
 EXPERIENCE (AS CONSULTANT): Agriculture;
 Conservation; County or city government
 Local or regional planning group; State
 government; Civic action group; Conservation
 group; Professional society; USDA; DOD; EPA;
 NSF; USDI; DOD
 RESEARCH ACTIVITY ONE: Radio telemetry study of
 the saw-whet owl
 RESEARCH ACTIVITY TWO: Ecology of the pine vole
 RESEARCH ACTIVITY THREE: Review 104 statement on
 Ecology 1-18, New York
 INTEREST IN WORKING WITH: Agriculture;

Transportation; Utility; County or city
 government; Local or regional planning group;
 State government; Civic action group;
 Conservation group; Professional society;
 Institute of Ecology (IIE); United Nations;
 USDA; ARC; USDC; CC; GOE; DOD; EPA; RER; RFI
 USDI; NSF; OSI; AID; DOT; Central America;
 Canadian; European, western; South American
 (1709)
 IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Airports; Highways; Parks, recreational
 facilities; Pesticides, herbicides;
 Channelization; Reservoirs; Fish &
 Wildlife conservation; New Cities Act-1968
 GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(3,M); Northeast(6); Canada, eastern(1)
 AVAILABILITY (DAYS PER MONTH): A,4; S,4

<228>
 Ford, Robert P., 1929, MS, 1969, Entomology,
 603-436-7720
 U.S. Dept. of Agriculture; U.S. Forest
 Service; Forest Pest Management; 80 Daniel
 St.; Portsmouth, NH 03801, US
 PRINCIPAL FIELD: Forest insect population ecology
 COMPETENCE: Animal Behavior(3); Animal
 Ecology(2); Biostatistics(3); Entomology(4)
 Forestry(1); Pest Control(1); Plant
 Ecology(3); Population Biology(2)
 EXPERIENCE (AS EMPLOYEE): State government;
 Professional society; USDA
 EXPERIENCE (AS CONSULTANT): DOD; EPA; HUD
 INTEREST IN WORKING WITH: Local Government;
 Conservation or Scientific Group,
 International Organizations; U.S. Federal
 Government (490)
 IMPACT ASSESSMENT EXPERIENCE: Forestry;
 Pesticides, herbicides; Watershed, forest,
 range
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1),
 Middle Atlantic(5); Southeast(1)

<229>
 Forman, Richard T.T., 1935, PhD, 1961, Botany
 Dept. of Botany; Rutgers University, New
 Brunswick, NJ 08903, US
 COMPETENCE: Animal Ecology(2); Forestry(2);
 Environmental Pollution(2); Plant Ecology(1);
 Plant Ecology(1); Population Biology(2);
 Systematics(2); Taxonomy(2); Wildlife
 Management(3)
 INTEREST IN WORKING WITH: Local Government;
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Government (190)
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M);
 Middle Atlantic(M); Central America(2.5,M)
 South America(0.5,M)

<230>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<230>
 Forney, John L., 1927, PhD, 1955, Fisheries,
 245 923-9282
 Natural Resources; Cornell University; C.U.
 Field Station PD#1; Bridgeport, NY 13030, US

PRINCIPAL FIELD: Population dynamics of fish

COMPETENCE: Aquatic Ecology(2); Fishery
 Biology(1); Limnology(3)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
 or city government; Local or regional
 planning group; State government

RESEARCH ACTIVITY ONE: Ecology of warm water lakes

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 U.S. Federal Government (328)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
 conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (15,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<31>
 Forste, Robert H., 1936, PhD, 1972, Resource
 Econ., 603-868-5011
 Northern Tier Associates, Inc.; 27 Faculty
 Road; Durlam, NJ 03824, US

PRINCIPAL FIELD: Resource economics, especially
 water and fisheries biological implications

COMPETENCE: Agricultural Science; Biostatistics;
 Fishery Biology; Environmental Pollution;
 Limnology; Resource Economics; Marine
 Biology; Plant Ecology; Water Resources
 Management; Wildlife Management; Resource Law

EXPERIENCE (AS EMPLOYEE): USIA; USDI

EXPERIENCE (AS CONSULTANT): Agriculture;
 Construction; Manufacturing; Transportation;
 Utility; Local or regional planning group;
 State government; Civic action group;
 Conservation Group; Professional society;
 COE; EPA; Canadian

RESEARCH ACTIVITY ONE: Economic impact of
 organophosphate pest standards

RESEARCH ACTIVITY TWO: Hunting and fishing
 expenditure analysis

RESEARCH ACTIVITY THREE: Evironmental impact -
 terrestrial ecol - wastewater disp.

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; USIA; AEC; USDC;
 CC; COE; IOD; EPA; HEW; HOD; USDI; NSF; OST;
 AID; DOT, Other Governments (142)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Forests; Parks; recreational facilities;
 Pesticides, herbicides; Water Resource
 Development (genl); Dredging, filling; Coastal
 protection/jetties; Reservoir releases; Flood
 control; Water quality control; Fish &
 Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(3,M), Northeast(9,M); Middle
 Atlantic(1), Canada, none(1)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<232>
 Forster, William O., 1927, PhD, 1966, Analytical
 Chemistry, 301-973-4155
 U.S. Atomic Energy Commission; Department of
 Oceanography; Germantown, MD 20767, US

PRINCIPAL FIELD: Marine radioecology and chemical
 oceanography

COMPETENCE: Aquatic Ecology(3); Limnology(3);
 Marine Biology(3); Oceanography(2)

EXPERIENCE (AS EMPLOYEE): AEC

EXPERIENCE (AS CONSULTANT): The National Academy
 of Sciences; AEC; OOD; EPA; NSF

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group,
 International Organizations; U.S. Federal
 Government (1173)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Pesticides,
 herbicides; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(4); Middle Atlantic(2); Hawaii(1);
 Central America(3)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<233>
 Foster, Neal W., 1937, PhD, 1967, Evolutionary
 Biology, 215-664-2621
 Limnology; Academy of Natural Sciences of
 Philadelphia, Nineteenth & Parkway,
 Philadelphia, PA 19103

PRINCIPAL FIELD: Ecology, behavior, and evolution
 of freshwater, estuarine, and shallow water
 marine fishes

COMPETENCE: Respondent lists 16 or more
 scientific fields

RESEARCH ACTIVITY ONE: Oldmans Creek marsh study

RESEARCH ACTIVITY TWO: Comparative biosystematic
 studies on killifishes

RESEARCH ACTIVITY THREE: Biological survey of
 lower Potomac River

INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Utility; Local
 government; Conservation or scientific group;
 Civic action group; Conservation group;
 Professional society; The Institute of
 Ecology(TIE); The Nat'l Academy of Sciences
 INRC; International organizations; United
 Nations; World Bank; IUCN; USDA; APC; CC;
 COE; EPA; USDI; NSF; OST; AID; Other
 governments; Asian; African; Central
 American; Canadian; European, eastern;
 European, western; South American (16)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Tailings, spoils
 disposal

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13,M);
 Southeast(1); Central America(1); South
 America(1,M)

AVAILABILITY (DAYS PER MONTH): A,12; S,12

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<234>
 Frame, David P., 1942, PhD, 1971, Fish Biology,
 919-728-4595
 NMSF Estuarine Fish Center; NCAA; U.S. Dept.
 of Commerce; Rivers Island; Beaufort, NC
 28516, US
 PRINCIPAL FIELD: Biostatistical Analysis of
 Marine Fisheries Data Including Ecology of
 Animals
 COMPETENCE: Animal Ecology(2); Aquatic
 Ecology(2); Biostatistics(1); Fishery
 Biology(1); Forestry(3); Environmental
 Pollution(2); Marine Biology(1);
 Nutrition(3); Oceanography(2); Plant
 Ecology(3); Plant Pathology(3);
 Physiology(3); Systematics(2); Systems
 Analysis(5); Taxonomy(2)
 EXPERIENCE (AS EMPLOYEE): County or city
 government; Professional society; USDC
 EXPERIENCE (AS CONSULTANT): County or city
 government; State government; The Institute
 of Ecology (IIP); The Nat'l Academy of
 Sciences; USDC; Central American; South
 American
 RESEARCH ACTIVITY ONE: Energetics of estuarine
 flounder population
 RESEARCH ACTIVITY TWO: Survey of sea bass fishery
 RESEARCH ACTIVITY THREE: Population dynamics of
 adult Atlantic Menhaden
 INTEREST IN WORKING WITH: County or city
 government; United Nations; USMC; COE; USDI;
 African (1051)
 IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Channelization; Beach
 nourishment; Coastal protection/jetties;
 Hydroelectric power
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8,M);
 Middle Atlantic(1); Southeast(1); Central
 America(0.25); South America(0.25)
 AVAILABILITY (DAYS PER MONTH): A-/1-5; S-/1-5

<235>
 Frances, Saul, 1910, PhD, 1945, Microbiology
 Executive Director; Wells Laboratories Inc.;
 25-27 Lewis Avenue; Jersey City, NJ 07306, US
 PRINCIPAL FIELD: Consultation Research Testing
 Life Sciences
 COMPETENCE: Bacteriology(1); Biochemistry(2);
 Food Sciences(3); Microbiology(1);
 Physiology(2)
 EXPERIENCE (AS CONSULTANT): Agriculture;
 Construction; Manufacturing; Mining;
 Transportation; Utility; County or city
 government; State government; Professional
 Society; The Nat'l Academy of Sciences;
 United Nations, USDI; USDC; CO; EPA; BEW;
 NSF; OST; South American (Mexico; Columbia;

Paraguay; Uruguay) (Mexico; Columbia;
 Paraguay; Uruguay)
 INTEREST IN WORKING WITH: Private Sector; Local
 Government; International Organizations; U.S.
 Federal Government; Other Governments (1210)
 IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Water quality control
 GEOGRAPHIC FAMILIARITY (YEARS): North Central(5);
 Middle Atlantic(37)
 AVAILABILITY (DAYS PER MONTH): A,10; S,10

<236>
 Franco, Edward N., 1934, PhD, 1967, Zoology,
 603-862-2104
 Zoology; University of New Hampshire;
 Spaulding Bldg; Durham, NH 03824, US
 PRINCIPAL FIELD: Behavioral Ecology of Small
 Mammals
 COMPETENCE: Anatomy(3); Animal Behavior(1);
 Animal Ecology(1); Biostatistics(3);
 Ornithology(3); Pest Control(2); Population
 Biology(2);
 EXPERIENCE (AS EMPLOYEE): Utility
 RESEARCH ACTIVITY ONE: Terrestrial Wildlife
 Survey Seabrook New Hampshire
 INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1146)
 GEOGRAPHIC FAMILIARITY (YEARS): Rocky
 Mountain(2.5); Northeast(12,1); Middle
 Atlantic(3); Southeast(0.5)
 AVAILABILITY (DAYS PER MONTH): A,5+; S,31

<237>
 Franz, David R., 1938, PhD, 1967, Zoology,
 203-486-4319
 Ecology Section; University of Connecticut;
 Storrs, CT 06268, US
 PRINCIPAL FIELD: Population Biology, Community
 Analysis of Inshore and Estuarine
 Invertebrates
 COMPETENCE: Aquatic Ecology(2); Entomology(3);
 Marine Biology(1); Oceanography(2);
 Population Biology(2)
 INTEREST IN WORKING WITH: Utility; Local or
 regional planning group; State government;
 Conservation or Scientific Group; USDC; COE;
 EPA (1115)
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7);
 Middle Atlantic(5)
 AVAILABILITY (DAYS PER MONTH): A,1; S,4

TABLE RESPONDENTS
(ALPHABETIC) CONTINUED

<239>

Fraser, Paul W., 1934, PhD, 1968,
Physiology, 212-930-8700
Biology Department, St. Johns University,
Union Turnpike, Jamaica, NY 11432, US

PRINCIPAL FIELD: Effects of environmental stress
(temperature, pressure, etc.) on the normal
and diseased animal

COMPETENCE: Animal Behavior(3); Biochemistry(2);
Nutrition(1); Physiology(1); Reproductive
Biology(2)

RESEARCH ACTIVITY ONE: Effect of high
environmental temperature on dipterans

RESEARCH ACTIVITY TWO: Teratological effects of
salicylates

RESEARCH ACTIVITY THREE: Dietary effects on
metabolic response to cold

EMPLOYER OR AGENCY: NY State Culture;
Manufacturing; Mining; Transportation;
Utility; Local Government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (1957)

FOURTH INTERNATIONAL ZONE: Middle
Atlantic(12)

AVAILABILITY (DAYS PER MONTH): 4,3; 5,20

<239>

Frederic, David L., 1931, BA, MS, PhD, Journalism
212-265-5600
Information Services; Westinghouse Electric
Corporation; Westinghouse Bldg 1092;
Westinghouse, PA 15201

PRINCIPAL FIELD: Field ornithology - field
identification, distribution, and ecology

COMPETENCE: Animal Behavior(1);
Ecology(2); Environmental Pollution(1);
Ornithology(1)

RESEARCH ACTIVITY ONE: Field ornithology, 1957

EXPERIENCE (AS CONSULTANT): Civil action group;
Conservation (1957)

EMPLOYER OR AGENCY: Private sector; Local
government; Conservation or scientific group;
International Organizations; U.S. Federal
Government; Other Governments (1957)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
Organization; Impact on birds

FOURTH INTERNATIONAL ZONE: North America(12,4)

AVAILABILITY (DAYS PER MONTH): 1,1

<240>

Freudenthal, Hugo O., 1930, PhD, 1954,
Protistology, 516-694-3043
M2M Corp; 500 Broad Hollow Road; Melville, NY
11746

PRINCIPAL FIELD: Estuarine Ecology and Pollution
Control

COMPETENCE: Aquatic Ecology(1); Fishery
Biology(1); Environmental Pollution(1);
Limnology(2); Marine Biology(1);
Microbiology(2); Oceanography(2); Plant
Ecology(1); Systematics(3); Water Resource
Management(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing

EXPERIENCE (AS CONSULTANT): Construction;
Municipal; County or city government; Civic
action group; PhD

RESEARCH ACTIVITY ONE: Surface Water Movements in
New York Harbor

RESEARCH ACTIVITY TWO: Biotra of Manhasset Bay

RESEARCH ACTIVITY THREE: Ground Research in
Suffolk County

EMPLOYER OR AGENCY: Manufacturing; Utility;
Local Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1969)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(1); Water quality control;
Shoreline protection; Waste treatment

FOURTH INTERNATIONAL ZONE: Northeast(13,4)

<241>

Freidhoff, Arnold J., 1921, MD, 1947, Medicine,
212-779-3000
New York University; School of
Medicine; 551 First Ave., New York, NY
10016, US

PRINCIPAL FIELD: Biomedical Research Neurobiology
Neurotoxic

COMPETENCE: Animal Behavior(2); Biochemistry(1);
Environmental Pollution(2); Genetics(2);
Population Biology(2)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
or city government; State government;
International society; M2M

RESEARCH ACTIVITY ONE: Effect of radiation on
mental function

RESEARCH ACTIVITY TWO: Effect of ingestion
of mental function

EMPLOYER OR AGENCY: Private sector; Local
government; Conservation or Scientific Group;
U.S. Federal Government (1959)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

FOURTH INTERNATIONAL ZONE: North America(13,4)

AVAILABILITY (DAYS PER MONTH): 1,3; 6,6

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<242>

Fuchs, Everett B., 1942, MS, 1966, Fish & Wildlife Management, 304-529-2311 Dept. of Army; Corps of Engineers, Huntington Dist.; P.O. Box 2127, 502 8th St.; Huntington, WV American Fisheries Society(4); Midw. Benthos Soc. (1), US

PRINCIPAL FIELD: Water Quality Investigations

COMPETENCE: Anatomy (2); Animal Behavior (2); Animal Ecology (2); Aquatic Ecology (1); Biostatistics (2); Entomology (1); Fishery Biology (1); Environmental Pollution (1); Limnology (1); Plant Ecology (2); Phycology (2); Population Biology (2); Taxonomy (2); Water Resources Management (2); Wildlife Management (1)

EXPERIENCE (AS EMPLOYEE): Construction; State government; COR; USDI; T. Terr. Pacific

RESEARCH ACTIVITY ONE: Impact of mining on Ozark headwater streams

RESEARCH ACTIVITY TWO: Water quality of 3 river basin in N.E. Mo.

RESEARCH ACTIVITY THREE: life history of the Emerald Shiner in So. Dak.

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1679)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks, recreational facilities; Soil erosion; Water Resource Development (Genl); Channelization; Dredging, filling; Reservoirs/Dams; Levees/dikes; Flood control; Water quality control; Shoreline protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central (5,M); Northeast (1); Middle Atlantic (1); Micronesia (2)

<243>

Euhs, G.W., 1932, PhD, 1956, Biology, 518-474-4150 Division Labs.-Res.; New York State Dept. of Health; New Scotland Ave.; Albany, NY 12201, US

PRINCIPAL FIELD: Aquatic microbiology, primary productivity

COMPETENCE: Limnology (1); Microbiology (1)

EXPERIENCE (AS EMPLOYEE): State government

INTEREST IN WORKING WITH: U.S. Federal Government; Other Governments (1308)

GEOGRAPHIC FAMILIARITY (YEARS): Europe, western (6)

<244>

Fuller, Samuel L.R., 1942, BA, 1964, Biology, 215-564-3921 Department of Limnology; Academy of Natural Sciences of Philadelphia; 19th and the Parkway; Philadelphia, PA 19103, US

PRINCIPAL FIELD: Ecology, taxonomy, and systematics of freshwater mussels (Mollusca: Bivalvia: Unionacea)

COMPETENCE: Aquatic Ecology (2); Systematics (2); Taxonomy (2)

EXPERIENCE (AS CONSULTANT): Manufacturing; Mining; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; AEC

RESEARCH ACTIVITY ONE: Identification of fresh-water mollusks

RESEARCH ACTIVITY TWO: Identification of fresh-water mollusks

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (812)

IMPACT ASSESSMENT EXPERIENCE: Soil erosion; Channelization; Dredging, filling; Reservoirs/Dams; Coastal protection/jetties; Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3); Middle Atlantic (3); Southeast (1,M)

<245>

Garman, Robert R., 1941, DVM, 1966, Veterinary Med., 716-275-2653 Div. of Lab. Animal Medicine; University of Rochester Medical Center; Crittenden Blvd.; Rochester, NY 14620, US

PRINCIPAL FIELD: Anatomic pathology, particularly regarding spontaneous diseases of laboratory animals

COMPETENCE: Veterinary Science (1); Animal Pathology (1)

EXPERIENCE (AS EMPLOYEE): Conservation group; HEW

RESEARCH ACTIVITY ONE: Neuropathologic effects of methyl mercury poisoning

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (225)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (9)

AVAILABILITY (DAYS PER MONTH): Uncertain

<246>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<246>

Gasper, Donald C., 1930, BA, 1956, Fish Biology,
304-924-6211
W. Va. Dept. Natural Resources; 4 Ritchie;
Buckhannon, WV 26201, US

PRINCIPAL FIELD: Fish biology, measures of
environment and fish themselves to provide
good fishing

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
Civic action group; Conservation group; USDT;
COE; EPA; USDI

RESEARCH ACTIVITY ONE: Food of forage fish in two
large reservoirs

RESEARCH ACTIVITY TWO: Reservoir population
estimation

RESEARCH ACTIVITY THREE: Rainbow trout spawning
success

INTEREST IN WORKING WITH: Local Government;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences INRC;
United Nations; U.S. Federal Government (174)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Soil erosion; Water
Resource Development (Genl); Channelization;
Dredging, filling; Reservoirs/Dams;
Watershed, forest, range; Reservoir releases;
Hydroelectric power; Flood control; Water
supply; Water quality control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (15,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<247>

Gauch, Hugh G., Jr., 1942, MS, 1966, Genetics,
607-256-3017
Ecology and Systematics; Cornell University;
Ecology and Systematics; Ithaca, NY 14850, US

PRINCIPAL FIELD: Ordination of plant communities,
and computer simulations

COMPETENCE: Biostatistics(3); Genetics(2);
Phycology(3); Plant Ecology(1); Physiology(3)

RESEARCH ACTIVITY ONE: Ordination of plant
communities

RESEARCH ACTIVITY TWO: Computer simulation of
plant communities

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (508)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (8,M)

<248>

Gee, Glendon W., 1938, PhD, 1966, Soil Science,
603-862-1007
Institute of Natural and Environmental
Research; University of New Hampshire; James
Hall 215; Durham, NH 03824, US

PRINCIPAL FIELD: Soil physics and plant physiology

COMPETENCE: Agronomy(2); Soil Science(1); Water
Resources Management(3)

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; County or city government;
Professional society; The Nat'l Academy of
Sciences

RESEARCH ACTIVITY ONE: Research associate,
University of Connecticut

RESEARCH ACTIVITY TWO: Research collaborator,
USFS Hubbard Brook

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (458)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (GENL); Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5,M); Northeast(6,M)

AVAILABILITY (DAYS PER MONTH): S,20

<249>

Gehris, Clarence W., 1917, D. Ed., 1964, Biology,
716-396-2198
Biological Sciences; State University
College; Brockport, NY 14420, US

PRINCIPAL FIELD: Plant community analysis -
environmental impact analysis

COMPETENCE: Aquatic Ecology(3); Environmental
Pollution(2); Limnology(3); Plant Ecology(1);
Population Biology(3); Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): County or city
government; Local or regional planning group

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Transportation
Utility; Local Government; Conservation or
Scientific Group; Civic action group; U.S.
Federal Government (1839)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Parks, recreational facilities; Soil erosion;
Tailings, spoils disposal; Channelization;
Dredging, filling; Canals/Channels; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); Northeast(30+,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,20+

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<250>

Geis, James W., 1942, PhD, 1972, Plant Ecology,
315-476-3151
Forest Rotary and Pathology; SUNY College
Environ. Science & Forestry; Syracuse, NY
13210, US

PRINCIPAL FIELD: Plant Community Dynamics
Including Soil Relationships and
Physiological Ecology

COMPETENCE: Agronomy(3); Anatomy(3);
Biostatistics(3); Forestry(2); Environmental
Pollution(3); Paleontology(3); Plant
Ecology(1); Physiology(3); Soil Science(2);
Systems Analysis(3); Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government; Civic
action group

RESEARCH ACTIVITY ONE: St. Lawrence E. Ontario
shoreline study

RESEARCH ACTIVITY TWO: Biogenic silica in plants-
ecological significance

RESEARCH ACTIVITY THREE: Dynamics of forests in
central Illinois

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4069)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Water
Resource Development(GenI); Shoreline
protection

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(4,M); Northeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,2-4; S,10

<251>

Geology, Stanley R., 1942, PhD, 1967, Ecology,
703-277-4381
Dept. of Biology; Hampden-Sydney College; Box
92; Hampden-Sydney, VA 23943, US

PRINCIPAL FIELD: Structure and function - forests
and small mammal populations

COMPETENCE: Animal Behavior(2); Animal
Ecology(2); Aquatic Ecology(3); Forestry(3);
Environmental Pollution(3); Limnology(3);
Marine Biology(3); Oceanography(3); Plant
Ecology(1); Population Biology(3); Soil
Science(3)

RESEARCH ACTIVITY ONE: Forests of Prince Edward
Co., Virginia

RESEARCH ACTIVITY TWO: Population dynamics of
small mammals

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4198)

GEOGRAPHIC FAMILIARITY (YEARS): South Central
Atlantic(5,M); Southeast
Florida

AVAILABILITY (DAYS PER MONTH): A,1,2,5

<252>

George, Carl J., 1930, PhD, 1961, Biology,
518-370-6243
Department of Biological Sciences; Union
College; Schenectady, NY 12308, US

PRINCIPAL FIELD: Environmental impact of grand
projects

COMPETENCE: Anatomy(3); Animal Behavior(2);
Animal Ecology(1); Aquatic Ecology(1);
Fishery Biology(2); Environmental
Pollution(2); Limnology(2); Marine
Biology(2); Oceanography(3); Plant
Ecology(3); Systematics(3)

EXPERIENCE (AS EMPLOYEE): Civic action group;
Conservation group

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; County or city government;
Local or regional planning group; State
government; Civic action group; Conservation
group; The Nat'l academy of SciencesINRC;
European, eastern

RESEARCH ACTIVITY ONE: Impact Aswan High Dam on
East Mediterranean

RESEARCH ACTIVITY TWO: Env. Impact of Sleep
Hollow development (2,400 units)

RESEARCH ACTIVITY THREE: Env. impact Van Patten
Dev. several hundred units

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology(IE); The Nat'l Academy
of SciencesINRC; United Nations; World Bank;
IUCN; U.S. Federal Government; European,
eastern (1839)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Water Resource Development (GenI);
Reservoirs/Dams; Coastal protection/letties;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Northeast(12); Asia(6)

AVAILABILITY (DAYS PER MONTH): A,8; S,20

<253>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<253>

Ghiselin, Jon E., 1935, PhD, 1967, Zoology,
412-531-1995
Biological Sciences Dept.; Point Park
College; 201 Wood Street; Pittsburgh, PA
15222, US

PRINCIPAL FIELD: Vertebrate populations and
behavioral ecology, habitat selection and use

COMPETENCE: Anatomy(2); Animal Behavior(1);
Animal Ecology(1); Aquatic Ecology(3);
Biostatistics(2); Environmental Pollution(3);
Ornithology(1); Plant Ecology(2); Population
Biology(2); Systematics(2); Taxonomy(2);
Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): State government;
United Nations; WHO, FAO; African

RESEARCH ACTIVITY ONE: Tunisian presanaran project

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1631)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion; Dredging, filling; Reservoirs/Dams;
Coastal protection/tetties

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(3,M); North Central(8,M); South
Central(1); Middle Atlantic(5);
Southeast(1); Africa(1,M)

AVAILABILITY (DAYS PER MONTH): A,9; S,30

<254>

Giles, Francis E., 1925, PhD, 1966, Entomology,
301-323-1010
Biology; Loyola College; 4501 N Charles St.;
Baltimore, MD 21210, US

PRINCIPAL FIELD: Ecology of insects

COMPETENCE: Agricultural Science(3); Anatomy(2);
Animal Ecology(2); Aquatic Ecology(3);
Bacteriology(3); Entomology(1); Environmental
Pollution(2); Limnology(3); Microbiology(3);
Ornithology(3); Parasitology(3); Pest
Control(2); Plant Ecology(3); Systematics(3);
Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Effects atmospheric lead
pollution on insect food chain

INTEREST IN WORKING WITH: Local Government;
County or city government; Local or regional
planning group; State government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (918)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(5,0); North Central(7,M); Middle
Atlantic(5,M); Southeast(2,M); South
America(3)

AVAILABILITY (DAYS PER MONTH): A,0; S,26

<255>

Giles, Robert H., Jr., 1933, PhD, 1964, Wildlife
Ecol, 703-951-5684
Division Forestry & Wildlife; Virginia
Polytech Inst. State Univ.; Blacksburg, VA
24061

PRINCIPAL FIELD: Systems Approach to wildlife and
related natural resources

COMPETENCE: Agronomy(3); Animal Ecology(1);
Aquatic Ecology(3); Biostatistics(3);
Immunology(3); Ornithology(2); Pest
Control(1); Plant Ecology(2); Population
Biology(3); Range Science(3); Systems
Analysis(3); Water Resources Management(2);
Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): Local or regional
planning group

EXPERIENCE (AS CONSULTANT): Transportation;
County or city government; State government;
Civic action group; Conservation group; AEC;
COE; USDT

RESEARCH ACTIVITY ONE: Wildland Resource
Allocation Procedure

RESEARCH ACTIVITY TWO: Williamsburg Environmental
Prescriptions

RESEARCH ACTIVITY THREE: Recreational Community
Environmental Analysis

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (53)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Reservoirs/Dams;
Flood control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(4); North Central(3); Middle
Atlantic(10,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <256>
Gittleston, Stephen M., 1938, PhD, 1966, Cell Physiology, 201-B36-6300
Biology; Fairleigh Dickinson University; Teaneck, NJ, US
PRINCIPAL FIELD: Taxonomy & Physiology of Underground Water Protozoa
COMPETENCE: Animal ecology(2); Environmental Pollution(2); Marine Biology(2)
RESEARCH ACTIVITY ONE: Cavernicolous protozoa review & new studies in Mammoth Cave, KY
RESEARCH ACTIVITY TWO: Underground water protozoa
RESEARCH ACTIVITY THREE: Temperature relaxed occurrence of protozoa
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (4068)
IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Water Resource Development(Genl); Reservoirs/Dams; Water supply; Water quality control
GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(4,M); South Central(4,M); Northeast(3); Southeast(2,M)
AVAILABILITY (DAYS PER MONTH): A,10; S,20
- <257>
Glaser, Edward, R., 1934, PhD, 1969, Ecology/Biol., 215-895-2271
Envir. Studies Inst.; Drexel University; Philadelphia, PA 19104, US
PRINCIPAL FIELD: Mathematical modeling and measurement of aquatic ecosystem parameters
COMPETENCE: Aquatic Ecology(1); Bacteriology(2); Environmental Pollution(2); Limnology(2); Marine Biology(3); Microbiology(2); Population Biology(2); Systems Analysis(2); Water Resources Management(3)
RESEARCH ACTIVITY ONE: Bacterial growth and the Delaware estuary model
RESEARCH ACTIVITY TWO: Baseline study of two new impoundments in Pa.
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1801)
GEOGRAPHIC FAMILIARITY (YEARS): North Central(1); Middle Atlantic(15,M)
AVAILABILITY (DAYS PER MONTH): A,5; S,10
- <258>
Glover, Sandra J., 1939, PhD, 1968, Entomology, 704-264-2233
Biology; Appalachian State University; 201 Rankin Building; Boone, NC, US
PRINCIPAL FIELD: Insect physiology-specifically metabolism environmental behavior
COMPETENCE: Animal Ecology(3); Aquatic Ecology(3); Entomology(1); Marine Biology(3); Parasitology(3); Physiology(2);
EXPERIENCE (AS EMPLOYEE): USDA; USDI
INTEREST IN WORKING WITH: Local government; Conservation or Scientific group; International Organizations; U.S. Federal Government; EPA; REW; NSF; AID; African; Central American; Canadian; European, western; South American (3164)
GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(.25); North Central(.25); South Central(4); Southeast(6)
AVAILABILITY (DAYS PER MONTH): A,4; S,12
- <259>
Goeringer, Gerald G., 1933, PhD, 1959, Development, 202-625-7533
Anatomy; Georgetown University School of Medicine; 3900 Reservoir Road; Washington, DC 20007, US
PRINCIPAL FIELD: Cell and Tissue Changes During Development
COMPETENCE: Anatomy(1); Biochemistry(3); Genetics(3); Immunology(2); Reproductive Biology(2)
RESEARCH ACTIVITY ONE: RNA-induced metaplasia
RESEARCH ACTIVITY TWO: Cells of mammalian oviduct
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3893)
IMPACT ASSESSMENT EXPERIENCE: Animal Development
GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(3); North Central(2); Middle Atlantic(9); Europe, western(4)
AVAILABILITY (DAYS PER MONTH): A,4-8; S,4-8
- <260>
Gold, Kenneth, 1932, PhD, 1962, Marine Biology, 212-266-8500
Osborn Laboratories of Marine Sciences; New York Zoological Society; New York Aquarium; Seaside Park, Coney Island, NY 11224, US
PRINCIPAL FIELD: Marine biology, ecology of planktonic organisms
COMPETENCE: Aquatic Ecology(1); Bacteriology(2); Fishery Biology(2); Environmental Pollution(1); Limnology(2); Marine biology(1); Microbiology(1); Nutrition(2); Oceanography(2); Physiology(3)
INTEREST IN WORKING WITH: Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (457)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(10)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<261>
 Goldstein, Bernard D., 1939, MD, 1962, Medicine,
 212-679-3200
 Environmental Medicine; New York University
 Medical Center; 550 First Ave.; New York, NY
 10012, US

PRINCIPAL FIELD: Toxicological effects of air
 pollutants

COMPETENCE: Biochemistry(2); Biophysics(7);
 Environmental Pollution(1); Hematology(1);
 Physiology(3)

EXPERIENCE (AS EMPLOYEE): HDX

EXPERIENCE (AS CONSULTANT): County or city
 government; Local or regional planning group;
 State government; Civic action group

RESEARCH ACTIVITY ONE: Biological effects of
 oxidant air pollutants

RESEARCH ACTIVITY TWO: Effects of oxidant air
 pollutants

RESEARCH ACTIVITY THREE: Health effects of power
 plant in Edmonton, Alberta

INTEREST IN WORKING WITH: Local Government;
 Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (2518)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Highways

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(2,M); Middle Atlantic (12,M)

AVAILABILITY (DAYS PER MONTH): A,32; S,32

<262>
 Colet, Frank C., 1945, PhD, 1973, Wildlife
 Biology, 401-792-2370
 Forest and Wildlife Management; University of
 Rhode Island; 330 Woodward Hall; Kingston, RI
 02881, US

PRINCIPAL FIELD: Freshwater wetland
 classification and evaluation as wildlife
 habitat

COMPETENCE: Animal Ecology(3); Aquatic
 Ecology(2); Forestry(2); Ornithology(3);
 Plant Ecology(2); Water Resources
 Management(2); Wildlife Management(1)

EXPERIENCE (AS EMPLOYED): Construction

EXPERIENCE (AS CONSULTANT): Construction;
 Conservation group

RESEARCH ACTIVITY ONE: Wetland tree growth as
 affected by artificial flooding

RESEARCH ACTIVITY TWO: Wetland classification and
 evaluation

RESEARCH ACTIVITY THREE: Highway impact on
 wetlands and wildlife

INTEREST IN WORKING WITH: Construction;
 Transportation; Utility; Local Government;
 Conservation or Scientific Group; U.S.
 Federal Government; Canadian (829)

IMPACT ASSESSMENT EXPERIENCE: Highways; Fish &
 Wildlife Conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<263>
 Golub, Samuel J., 1915, PhD, 1945, Biology,
 617-826-5100
 Fabric Research Laboratories, Inc.; 1000
 Providence Hwy.; Needham, MA 02026, US

PRINCIPAL FIELD: Plant morphology and textile
 fiber research and general textile research

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS CONSULTANT): Manufacturing

RESEARCH ACTIVITY ONE: Effect of wool scouring
 mill on stream pollution

RESEARCH ACTIVITY TWO: Identification of paper
 mill wastes

RESEARCH ACTIVITY THREE: Fibrous contaminants in
 air

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (147)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
 disposal; Water Resource Development(GENL);
 Irrigation; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(10,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<264>

Good, Ralph E., 1937, PhD, 1965, Plant Ecology,
609-964-1766
Biology Department; Rutgers University; 400
Penn; Camden, NJ 08102, US

PRINCIPAL FIELD: Plant ecologists, salt marshes,
deciduous forests

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(1); Forestry(2); Environmental
Pollution(3); Horticulture(3); Marine
Biology(3); Ornithology(3); Plant Ecology(1);
Population Biology(2); Soil Science(3);
Systematics(3); Systems Analysis(3);
Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): County or city
government; State government; Conservation
group; Professional society; COF

RESEARCH ACTIVITY ONE: Delaware estuary project -
marshes

RESEARCH ACTIVITY TWO: Population dynamics of
tree seedlings

RESEARCH ACTIVITY THREE: Grassland production and
methods

INTEREST IN WORKING WITH: Local Government;
Conservation group; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; USDA; APC; COE; EPA; USDI (1957)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(3,M); Middle Atlantic(11,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,5

<265>

Goodland, Robert J., PhD, 1969, Ecology,
914-677-5071
The Cary Arboretum; Fowler Road Box 609;
Millbrook, NY 12545, US

PRINCIPAL FIELD: Ecology; Tropics; Soil-Plant
Relationships; Environmental Impact Studies

COMPETENCE: Agronomy(2); Agricultural Science(2);
Animal Ecology(3); Biostatistics(3);
Environmental Impact Studies(1); Plant
Ecology(1); Soil Science(2); Systematics(2);
Systems Analysis(2); Water Resources
Management(1)

EXPERIENCE (AS EMPLOYEE): NSP; Central American;
Canadian; South American

EXPERIENCE (AS CONSULTANT): Construction;
Utility; County or city government; Local or
regional planning group; State government;
Civic action group; Conservation group;
Professional society; World Bank; South
American

RESEARCH ACTIVITY ONE: Furnas/World Bank

RESEARCH ACTIVITY TWO: Paraguay/Brazil joint
parana commission

RESEARCH ACTIVITY THREE: Consolidated Prison

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organization; United Nations;
World Bank; IUCN; U.S. Federal Government;
EPA; NSP; AID; Other Government; Central
American; Canadian (4089)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry, Parks, recreational facilities;
Soil erosion; Reservoirs/Dams; Watershed,
forest, range; Hydroelectric power; Rights of
Way

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1,h);
Central America(1); Canada, eastern(3); South
America(5,M)

AVAILABILITY (DAYS PER MONTH): Indefinite

<266>

Goodno, Edward J., 1936, AB, 1959, Biol.
Sciences, 304-529-2318
Department of Army; U.S. Army Corps of
Engineers; 502 8th St. Box 2127; Huntington,
WV 257, US

PRINCIPAL FIELD: Fisheries management determine
ways to improve habitat for reservoir
fisheries

COMPETENCE: Anatomy(3); Animal Behavior(3);
Animal Ecology(3); Aquatic Ecology(2);
Fishery Biology(2); Environmental
Pollution(3); Limnology(2); Microbiology(3);
Population Biology(3); Taxonomy(3); Water
Resources Management(2); Wildlife
Management(3)

EXPERIENCE (AS EMPLOYEE): Manufacturing;
Transportation; COF

INTEREST IN WORKING WITH: Private Sector, Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3815)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Parks, recreational facilities; Soil erosion;
Tailings, spoils disposal; Water Resource
Development (Genl); Channelization; Dredging,
filling; Reservoirs/Dams; Levees/dikes;
Canals/Channels; Watershed, forest, range;
Reservoir releases; Hydroelectric power;
Navigation; Flood control; Water supply;
Water quality control; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(1)

AVAILABILITY (DAYS PER MONTH): A,6

<267>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<267>

Goodyear, Richard H., 1941, MS, 1965, Biology,
202-381-5831
Division of Fishes; Smithsonian Institution;
Washington, DC 20560, US

PRINCIPAL FIELD: Systematic ichthyology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology (IIE); The Nat'l Academy
of Science; United Nations; World Bank; IUCN;
Central American; South American

RESEARCH ACTIVITY ONE: Mediterranean biological
studies program

RESEARCH ACTIVITY TWO: Ocean acre project

RESEARCH ACTIVITY THREE: Systematics and zoogeog.
of the CYPRINE group

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1432)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Middle Atlantic(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

RESEARCH ACTIVITY THREE: Reg. Econ. and
Ecological plan system

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1759)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Energy conversion/production;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development (GENL); Dredging,
filling; Beach nourishment; Reservoirs/Dams;
Coastal protection/jetties; Water supply;
Water quality control; Shoreline protection;
Fish & Wildlife conservation; Long Range Plans

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(17);
Middle Atlantic(3); Asia(1); Central America;
Europe, eastern; Europe, western(1)

<269>

Gordon, Bernard L., 1931, MSc, 9 8, Zoology,
617-437-3176
Earth Sciences; Northeastern University;
Boston, MA 02115, US

PRINCIPAL FIELD: Marine and fresh water fishes

COMPETENCE: Aquatic Ecology(2); Entomology(2);
Fishery Biology(1); Environmental
Pollution(2); Limnology(2); Marine
Biology(1); Oceanography(1); Parasitology(2);
Water Resources Management(2); Wildlife
Management(2)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; Manufacturing

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government

RESEARCH ACTIVITY ONE: Marine careers

RESEARCH ACTIVITY TWO: Ocean science workshop

RESEARCH ACTIVITY THREE: Marine products

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1480)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(17)

AVAILABILITY (DAYS PER MONTH): A,15; S,30

<268>

Gorden, Morton, 1933, PhD, 1963, Political
Sciences, 617-388-1101
President; Development Sciences Inc.; Route
6A; East Sandwich, MA 02537, US

PRINCIPAL FIELD: Members of my firm represent the
full range of sciences as they bear upon the
environment

COMPETENCE: Environmental Pollution(1); Systems
Analysis(1)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation group; United
Nations; World Bank; IUCN; COE; DOD; EPA;
NSF; AID; Asian

RESEARCH ACTIVITY ONE: Effluent management
information system

RESEARCH ACTIVITY TWO: Development, refinement,
application of intermedia analysis format

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><270> Gorski, Leon J., 1938, PhD, 1969, Ecology-Evolution, 203-225-74B1 Biological Sciences; Central Connecticut State College; New Britain, CT 06050, US</p> <p>PRINCIPAL FIELD: Animal Ecology - Environmental Influences on Behavior, Speciation; Environmental Impact Statement Development</p> <p>COMPETENCE: Animal Ecology (1); Aquatic Ecology (3); Entomology (2); Environmental Pollution (2); Ornithology (2); Water Resources Management (3)</p> <p>EXPERIENCE (AS CONSULTANT): Construction; State government; COP</p> <p>RESEARCH ACTIVITY ONE: Army Corps water way projects</p> <p>RESEARCH ACTIVITY TWO: State plan for environmental education</p> <p>INTEREST IN WORKING WITH: Construction; Local Government; Conservation or Scientific Group; International Organizations; COE; EPA; HEW; AID (2394)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Water Resource Development (Genl); Channelization; Reservoirs/Dams; Levees/dikes; Canals/Channels; Watershed, forest, range; Reservoir releases; Water supply; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (10, M); Central America (M); South America (M)</p> <p>AVAILABILITY (DAYS PER MONTH): A, 9-12; S, 20</p>	<p><272> Gracen Jr., Vernon E., 1945, PhD, 1970, Agronomy, 607-256-3236 Plant Breeding; Cornell University; 413 Bradfield Hall; Ithaca, NY 14850, US</p> <p>PRINCIPAL FIELD: Physiological genetics of pest resistance in plants</p> <p>COMPETENCE: Agronomy (1); Biochemistry (2); Entomology (2); Genetics (2); Pest Control (3); Plant Pathology (2); Physiology (2)</p> <p>EXPERIENCE (AS EMPLOYEE): Agriculture; State government</p> <p>EXPERIENCE (AS CONSULTANT): Agriculture; State government</p> <p>RESEARCH ACTIVITY ONE: Pest resistance in sweet corn</p> <p>RESEARCH ACTIVITY TWO: Resistance of corn to H. maydis</p> <p>RESEARCH ACTIVITY THREE: Physiological genetics of pest resistance in corn</p> <p>INTEREST IN WORKING WITH: Agriculture; County or city government; Local or regional planning group; State government; Conservation of Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3429)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central (M); Northeast (2, M); Southeast (4)</p> <p>AVAILABILITY (DAYS PER MONTH): A, 4; S, 4</p>
<p><271> Gorsline, George W., 1923, PhD, 1950, Agronomy, 703-951-5420 Computer Science; Virginia Polytechnic Institute; 547 McBryde Hall; Blacksburg, VA 24061, US</p> <p>COMPETENCE: Agronomy (2); Agricultural Science (2); Biostatistics (2); Genetics (2); Systems Analysis</p> <p>INTEREST IN WORKING WITH: Agriculture; County or city government; State government; Conservation group; Professional society; International Organizations; USDA; AEC; USDC; CC; COP; DOD; EPA; HEW; USDI; OST; AID; Other Governments (846)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central (2); Middle Atlantic (18, M); Southeast (5)</p> <p>AVAILABILITY (DAYS PER MONTH): A, 4; S, 30</p>	<p><273> Graham, Joseph J., 1921, PhD, 1954, Bionomics-633-2221 U.S. Commerce; National Marine Fisheries Service; West Hoothbay Harbor, ME 04575, US</p> <p>PRINCIPAL FIELD: Ecology of fishes, larval fishes, estimates of abundance and mortality, field experiment</p> <p>COMPETENCE: Animal Behavior (3); Limnology (3); Marine Biology (3); Paleontology (3)</p> <p>EXPERIENCE (AS CONSULTANT): Local or regional planning group; State government; COE; USDI; Canadian</p> <p>RESEARCH ACTIVITY ONE: Abundance etc. larva herring, Maine Coast</p> <p>RESEARCH ACTIVITY TWO: Estimates larval herring mortality</p> <p>RESEARCH ACTIVITY THREE: Submersible study herring egg beds</p> <p>INTEREST IN WORKING WITH: Local or regional planning group; State government; The Institute of Ecology (TIE); The Nat'l Academy of Sciences; COE; USDI; NSP; Canadian (1459)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Channelization; Dredging, filling; Canals/Channels; Hydroelectric power; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central (2); South Central (1); Northeast (11, M); Hawaii (5); Canada, eastern (4)</p>

<274>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<274>

Grandy, John W., IV, 1944, PhD, 1972, Wildlife Ecology
Wildlife; National Parks and Cons. Assn.;
1701 18th St., NW; Washington, DC 20009, US

PRINCIPAL FIELD: Ornithology with Special Reference to Waterfowl and Associated Ecosystems

COMPETENCE: Animal Behavior(2); Animal Ecology(1); Aquatic Ecology(2); Biostatistics(2); Fishery Biology(3); Forestry(2); Environmental Pollution(2); Limnology(2); Marine Biology(3); Ornithology(1); Pest Control(3); Plant Ecology(2); Water Resources Management(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): USDI

RESEARCH ACTIVITY ONE: Lead poisoning in waterfowl, testing

RESEARCH ACTIVITY TWO: Literature review on effects of heavy metals in water

RESEARCH ACTIVITY THREE: Winter ecology salt marshes and black ducks

INTEREST IN WORKING WITH: Agriculture; Conservation or Scientific Group; IUCN; ICSU; USDA; USDC; CC; COE; EPA; USDI; NSF; OST; AID (3932)

IMPACT ASSESSMENT EXPERIENCE: Airports; Forestry; Highways; Parks, recreational facilities; Pesticides, herbicides; Soil erosion; Water Resource Development(Genl); Channelization; Dredging, filling; Reservoirs/Dams; Canals/Channels; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5,M); Middle Atlantic(2,M)

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<275>

Grant, George C., 1929, PhD, 1967, Biol. Oceanography, 703-642-2111
Marine Science; Virginia Institute of Marine Science; Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Ecology and taxonomy of marine zooplankton

COMPETENCE: Biostatistics(2); Fishery Biology(2); Marine Biology(1); Oceanography(2); Population Biology(2); Systematics(3); Taxonomy(2); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): State government; USDI

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Zooplankton of Lower Chesapeake Bay

RESEARCH ACTIVITY TWO: Enhancement of striped bass population

RESEARCH ACTIVITY THREE: Population parameters

INTEREST IN WORKING WITH: Manufacturing; Utility; State government; United Nations; AEC; USDC; COE; EPA; USDI; NSF; Other Governments (1721)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M); Middle Atlantic(11,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<276>

Graybill, Donald L., 1943, PhD, 1970, Ecology, 814-398-4611
Biology Department; Alliance College; Cambridge Springs, PA 16403, US

PRINCIPAL FIELD: Population biology and ecological energetics of small mammals in forests

COMPETENCE: Animal Ecology(1); Aquatic Ecology(3); Environmental Pollution(3); Plant Ecology(2); Population Biology(2); Systems Analysis(3)

RESEARCH ACTIVITY ONE: Effect of mast production on chipmunk populations

RESEARCH ACTIVITY TWO: Mast production in NW Pennsylvania forests

RESEARCH ACTIVITY THREE: Ingestion rates of chipmunk populations

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Canadian (164)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(0,1); Middle Atlantic(2,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,24

TABLE 1 RESPONDENTS
(ALPHABETICAL LISTING)

<277>

Green, David M., 1937, MS, 1962, Fishery Biology,
315-858-1527
Dept. of Natural Resources; Cornell
University; Rd 3 East Lake Rd.; Richfield
Springs, NY 13439, US

PRINCIPAL FIELD: Population Dynamics of Fish
Populations; Response of Fish to Pollution
Control

COMPETENCE: Aquatic Ecology(2); Fishery
Biology(1); Environmental Pollution(3);
Limnology(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Scientific research;
County or city government; Local or regional
planning group; Civic action group

RESEARCH ACTIVITY ONE: Anadromous trout management

RESEARCH ACTIVITY TWO: Ecology of warm water fish
in New York

RESEARCH ACTIVITY THREE: Response of fish
population to reduced loading of lake
phosphorus

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1681)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(11,M);
Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,2-4; S,2-4
(after June 1973)

<278>

Green, Phillip E., 1940, PhD, 1967, Limnology,
202-343-5519
Water Resources Division; U.S. Geological
Survey; General Services Bldg.; Washington,
DC 20242, US

PRINCIPAL FIELD: Limnology

COMPETENCE: Aquatic Ecology(1); Bacteriology(2);
Fishery Biology(3); Environmental
Pollution(2); Limnology(1); Microbiology(2);
Taxonomy(2); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): State government;
Professional society

RESEARCH ACTIVITY ONE: Eutrophication of Oneida
Lake New York

RESEARCH ACTIVITY TWO: Algal - bacteria symbiosis

RESEARCH ACTIVITY THREE: North American algal
taxonomy

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1196)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M);
Middle Atlantic(1,M); Southeast(1)

<279>

Gregg, Bentley C., 1946, MS, 1970, Zoology,
703-951-6679
Dept. of Biology; Virginia Polytechnic
Institute & SU; Dept. of Biology; Blacksburg,
VA 24061, US

PRINCIPAL FIELD: Biotassays on aquatic
invertebrates, using heavy metals & heat as
well as general limnology

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(2); Limnology(1); Physiology(3)

RESEARCH ACTIVITY ONE: Limnological survey of a
bay on Lake Champlain

INTEREST IN WORKING WITH: Local or regional
planning group; Conservation or Scientific
Group; AEC; COE; EPA; USDI; NSF (182)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2);
Middle Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,3

<280>

Gregory, Richard W., 1936, PhD, 1969, Fish
Biology, 207-581-7151
Dept. of Zoology; Bureau Sport Fish &
Wildlife; Murray Hall; University of Maine;
Orono, ME 04473, US

PRINCIPAL FIELD: Management and reproduction of
fish populations

COMPETENCE: Animal Behavior(2); Animal
Ecology(3); Aquatic Ecology(2);
Biochemistry(3); Biostatistics(3); Fishery
Biology(1); Limnology(3); Reproductive
Biology(2)

EXPERIENCE (AS EMPLOYEE): State government; USDI

EXPERIENCE (AS CONSULTANT): County or city
government; Civic action group; COE

RESEARCH ACTIVITY ONE: Freezing effects on fish
semen, Atlantic salmon

RESEARCH ACTIVITY TWO: Freezing effects on
walleye semen

RESEARCH ACTIVITY THREE: Introduction striped
bass, sac perch, and smelt

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Other Governments (1496)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Reservoir releases; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3,M); Rocky Mountain(5,M);
Northeast(3,M); Hawaii(0.5)

AVAILABILITY (DAYS PER MONTH): A, variable; S,
variable

<2R1>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<2R1>

Griffin, John M., 1947, MA, 1972, Biology,
919-829-3986
NC Dept. of Agric.; Rollins Animal Disease
Diagnostic Lab.; P. O. Box 12223, Cameron
Village Station; Raleigh, NC 27605, US

PRINCIPAL FIELD: Fish Bioassays, Acute &
Sublethal Effects of Pollutants to Fish

COMPETENCE: Fishery Biology(3); Environmental
Pollution(3); Limnology(2); Fish
Toxicology(2); Physiology(2)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Role of nutrients in
diatom population dynamics

RESEARCH ACTIVITY TWO: Toxicity of sulfite waste
ligand to R. trout

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1530)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation; Effects of Indust. Wastes on
fish

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<2R2>

Griffith, Roger B., 1938, MS, 1972, Fisheries
(Limnology), 703-296-9897
Charlottesville Laboratory; U.S.
Environmental Protection Agency; 1140 River
Road; Charlottesville, VA 22901, US

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Ecology(2); Aquatic Ecology(1);
Entomology(2); Fishery Biology(2);
Environmental Pollution(1); Limnology(1);
Marine Biology(2); Ornithology(2);
Physiology(2); Population Biology(2);
Taxonomy(2); Water Resources Management(2);
Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): State government; EPA

RESEARCH ACTIVITY ONE: Benthic macrofaunal
production acid mine drainage stream

RESEARCH ACTIVITY TWO: Biological effects of
industrial complexes on the Kanawha River

RESEARCH ACTIVITY THREE: Use of crude bioassay
technique in endrin poisoning of Shawnee Lake

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Other Governments (1385)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3);
Middle Atlantic(5)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<283>

Griffin, James V., 1928, PhD, 1960, Biology,
204-377-4700
Campus Provost - Biology; Fairleigh Dickinson
University; Florham-Madison Campus; Madison,
NJ 07940, US

PRINCIPAL FIELD: Parasites of man and small
mammals and experimental natural history in
animal behavior

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): USDI

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; State government; U.S. Federal
Government (14)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2);
Northeast(12); Southeast(17,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<284>

Groutage, Thomas M., 1938, BS, 1960, Fisheries,
814-563-7991
Dept. of Interior Bur. Sport Fish & Wildlife;
P.O. Box 928; Warren, PA 16365, US

PRINCIPAL FIELD: Fishery management in ponds,
lakes, reservoirs and streams

COMPETENCE: Aquatic Ecology(1); Entomology(2);
Fishery Biology(1); Environmental
Pollution(3); Limnology(2); Marine
Biology(2); Oceanography(2); Population
Biology(2); Water Resources Management(2);
Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): State government; USDI

RESEARCH ACTIVITY ONE: Atlantic surf clam -
biology and commercial catch

RESEARCH ACTIVITY TWO: Pacific salmon passage
facility evaluation

INTEREST IN WORKING WITH: Agriculture; County or
city government; Local or regional planning
group; State government; Civic action group;
Conservation group; Professional society;
T(F); United Nations; USDA; CC; COE; DOD; EPA;
EPA; HEW; USDI; NSF; AID; Central American;
Canadian (2046)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M); North Central(2); Northeast(2);
Middle Atlantic(1,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,0

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<285>

Gruylowicz, J. S. D. A., 1948, MS, 1973, B.S. in
716-372-0300
Biology Department; St. Bonaventure
University; St. Bonaventure, NY 14778, US

PRINCIPAL FIELD: Wildlife Mgt.; Animal Organismal
Level; Ecology, Behavior, Population Dynamics

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH AND FIELD WORK: Field site selection in
wild turkeys

RESEARCH ACTIVITY TWO: Allegheny River Project

RESEARCH ACTIVITY THREE: Wild Turkey process
banding

INTEREST IN WORKING WITH: Local government
County or city government; Local or regional
planning group; State government;
Conservation group; Professional society; The
Institution of Ecology; The National Academy of
Sciences; COP; EPA; USDI; NRI; Canadian
(2357)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs, Dams

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3, H)

<286>

Cucinski, Herrmann 1940, BA, 1964, Physics.
501-687-7100
Ocean Engineering Techn. Dept., Anne Arundel
Community College; 101 College Pkwy; Arnold,
MD 21012, US

PRINCIPAL FIELD: Physical oceanography
underwater acoustics

COMPETENCE: Aquatic Ecology (3); Limnology (3);
Oceanography (1)

EXPERIENCE (AS EMPLOYEE): DOD; EPA

INTEREST IN WORKING WITH: Local Government
Conservation or Scientific Group;
Conservation group; Professional society; The
Institute of Ecology; The National Academy
of Sciences; Indiana Local Government;
United Nations; USDA; USDC; CC; COP; HEV;
NSF; OST; Other Governments (3751)

GEOGRAPHIC FAMILIARITY: DOD; Northeast (1);
Middle Atlantic (7)

<287>

Fratz, Kerstin Z., 1948, MSPH, 1973, Environmen-
talsciology 513-674-1177
Ph.D. student; Science Engineering; University
of North Carolina; U.S. Army Environmental
Hygiene Agency; 1978 Red Oak Drive; Adelphi,
MD 20783, US

PRINCIPAL FIELD: Environmental impact assessment
especially in the field of power generation

COMPETENCE: Aquatic Ecology (2); Biochemistry (3);
Ecology (2); Environmental Pollution (4);
Limnology (1); Water Resources Management (3)

EXPERIENCE (AS CONSULTANT): Utility.

RESEARCH ACTIVITY ONE: Effect of thermal
discharge on fish and aquatic insects

INTEREST IN WORKING WITH: Utility; State
government; APC; COP; EPA; NSF; OST (4012)

PRINCIPAL FIELD: Environmental Energy
conversion/production; Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (3, H)

EXPERIENCE (AS EMPLOYEE): State government (1, 2)

<288>

Gutlay, M.J.P., 1924, PhD, 1959, Soil Science,
20-548-2924
Plant Science Dept.; University of
Maryland; Storrs, CT 06268 (3)

PRINCIPAL FIELD: Soil systems-plant root
interactions, soil organic matter, mycorrhizae

COMPETENCE: Agronomy (1); Forestry (2);
Horticulture (2); Microbiology (2); Plant
Ecology (2); Soil Science (2);
Wildlife Management (2)

EXPERIENCE (AS EMPLOYEE): State government
Manufacturing; State government

EXPERIENCE (AS CONSULTANT): USDA

<289>

INTEREST IN WORKING WITH: Conservation
Institute; The George Washington
Organizations; U.S. Federal Government; Other
Governments (3822)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast
Central (12, H)

<290>

Harce, Bruce L., 1928, PhD, 1960, Zoology,
717-421-4080
Dept. Fish and Wildlife State University of
Pennsylvania, PA 16802, US

PRINCIPAL FIELD: Ecology of fishes; ecology of
aquatic and freshwater invertebrates

EXPERIENCE: Aquatic Ecology (1); Fishery
Biology (1); Environmental Pollution (1);
Limnology (1); Marine Zoology (1);
Ornithology (2); Plant Ecology (2); Water
Resources Management (1)

<291>

RESEARCH ACTIVITY ONE: Dams and their effect on
wild fish and their populations

RESEARCH ACTIVITY TWO: Trout hatchery vs. owner
control of fishery

INTEREST IN WORKING WITH: Dept. of Fish and
Wildlife; State government; Conservation
group; Conservation group; Professional
society; The National Academy of Sciences;
NSF; EPA; USDI; USDC; USDO; USDO;
Canadian; European; USSR (12167)

EXPERIENCE (AS EMPLOYEE): State government
Education; State government

EXPERIENCE (AS CONSULTANT): State government

<290>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<290>

Hadley, Wayne P., 1940, PhD, 1969, Zoology,
716-831-2638
Department of Biology; State Univ. of New
York; Main Street Campus; Buffalo, NY 14214,
US

PRINCIPAL FIELD: Behavioral Ecology of Fishes

COMPETENCE: Animal Behavior(1); Animal
Ecology(2); Aquatic Ecology(2); Fishery
Biology(2); Environmental Pollution;
Limnology; Marine Biology; Ornithology; Plant
Ecology; Population Biology; Range Science;
Taxonomy(2); Water Resources Management(2);
Wildlife Management(2)

EXPERIENCE (AS CONSULTANT): Utility

INTEREST IN WORKING WITH: Agriculture; Utility;
Local Government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; Other Governments (2073)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/productionGEOGRAPHIC FAMILIARITY (YEARS): Southwest (7,M);
North Central(2,4); Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<291>

Hadow, Darlo L., 1945, PhD, 1973, Ecology,
303-247-7433
Dept. Biology Ecology; Fort Lewis College;
College Heights; Durango, CO 81301, US

PRINCIPAL FIELD: Behavior and ecology of North
American woodpeckers; same for ground
squirrels

COMPETENCE: Anatomy(3); Animal Husbandry(3);
Aquatic Ecology(3); Biostatistics(3);
Environmental Pollution(3); Genetics(2);
Marine Biology(3); Microbiology(3); Plant
Ecology(3); Physiology(3); Reproductive
Biology(3); Systematics(3); Taxonomy(3)

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group

RESEARCH ACTIVITY ONE: Aspen Greenbelt study

RESEARCH ACTIVITY TWO: Sympatry of red headed &
Lewis woodpeckersRESEARCH ACTIVITY THREE: Winter Ecology &
Behavior of Lewis Woodpeckers

INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2407)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(5,5)

AVAILABILITY (DAYS PER MONTH): F,0; S,20

<292>

Haeni, Frank R., 1946, BS, 1970, Biology
203-442-0394
Thames Science Education Center; Gallows
Lane; New London, CT 06320, US

PRINCIPAL FIELD: Research in bird populations -
thesis research in herring gulls populations

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Biostatistics(4); Entomology(3);
Forestry(3); Environmental Pollution(3);
Horticulture(3); Ornithology(1);
Parasitology(4); Plant Ecology(3); Population
Biology(3); Systematics(3); Taxonomy(2);
Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): State government;
Conservation groupEXPERIENCE (AS CONSULTANT): Civic action group
Conservation groupRESEARCH ACTIVITY ONE: Marine science laboratory
for high schoolsRESEARCH ACTIVITY TWO: Environmental education
courses - college levelRESEARCH ACTIVITY THREE: Recreation & outdoor
education courses

INTEREST IN WORKING WITH: Private sector; Local
government; Conservation or Scientific group;
International organizations; U.S. Federal
government; Other governments (944)

IMPACT ASSESSMENT EXPERIENCE: Parks & recreational
facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<293>

Haines, Leroy W., 1930, MSP, 1956, Forestry,
919-755-2892
Forest Management; North Carolina State
University; Biltmore Hall; Raleigh, NC
27606, US

PRINCIPAL FIELD: Forest Soils and Fertilization

COMPETENCE: Forestry(3); Soil Science(1)

EXPERIENCE (AS CONSULTANT): Agriculture

RESEARCH ACTIVITY ONE: First annual report of the
North Carolina State Forest fertilization
cooperativeRESEARCH ACTIVITY TWO: Second Annual Report of
the North Carolina State Forest fertilization
cooperativeRESEARCH ACTIVITY THREE: Third Annual Report of
the North Carolina State Forest fertilization
cooperative

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(759)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Pesticides, herbicides; Soil erosion;
Channelization; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(20,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<294>
Haines, Terry A., 1943, PhD, 1971, Aquatic Ecology, 716-395-2195
Dept. Biological Sciences; State University of New York; Brockport, NY 14420, US

PRINCIPAL FIELD: Effects of artificial eutrophication on freshwater communities

COMPETENCE: Animal Behavior(2); Aquatic Ecology(1); Biostatistics(3); Fishery Biology(2); Environmental Pollution(1); Limnology(2); Ornithology(3); Population Biology(2); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): USDI

RESEARCH ACTIVITY ONE: An Ecological evaluation of stream eutrophication

RESEARCH ACTIVITY TWO: Effects of eutrophication of fish species

RESEARCH ACTIVITY THREE: Artificial shelter and fish behavior

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; U.S. Federal Government (2006)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(6,M); Middle Atlantic(3,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<295>
Hall, Russell J., 1943, PhD, 1969, Zoology, 717-662-2114
Dept. of Biology; Mansfield State College; Mansfield, PA 16933, US

PRINCIPAL FIELD: Population ecology of color-clouded vertebrates

COMPETENCE: Animal Ecology(1); Environmental Pollution(3); Limnology(3); Plant Ecology(2); Population Biology(2); Reproductive Biology(1)

RESEARCH ACTIVITY ONE: Life history of wehrles salamander

RESEARCH ACTIVITY TWO: Ecology of a population of Great Plains Skink

INTEREST IN WORKING WITH: Mining; Local or regional planning group; Conservation or Scientific Group; International Organizations; COE; EPA; HEW; USDI; NSP; AID (1055)

GEOGRAPHIC FAMILIARITY (YEARS): South Central(3); Middle Atlantic(5,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<296>
Hall, William E., 1904, MD, 1929, Pathology (Med.), 717-762-3444
Pathology Dept.; Waynesboro Hospital; East Main Street; Waynesboro, PA 17268, US

PRINCIPAL FIELD: Human pathology, microscopy, clinical and pathologic anatomy

COMPETENCE: Anatomy(1); Anthropology(2); Bacteriology(1); Biochemistry(1); Genetics(2); Microbiology(1); Parasitology(2)

EXPERIENCE (AS CONSULTANT): State government

RESEARCH ACTIVITY ONE: Annual ragweed pollen census - 4 Communities

RESEARCH ACTIVITY TWO: Abstractor

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; United Nations; U.S. Federal Government; Other Governments (3082)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Airports

GEOGRAPHIC FAMILIARITY (YEARS): North Central(16,M); Northeast(24)

AVAILABILITY (DAYS PER MONTH): A,12, S,6

<297>
Hall, William E., 1939, PhD, 1973, Biology, 617-495-3205
Biology Dept.; Harvard University Puerto Rico - Rio; Cambridge, MA 02138, US

PRINCIPAL FIELD: Evolution, comparative population cytogenetics of vertebrates, biogeography

COMPETENCE: Anatomy(2); Animal Behavior(2); Animal Ecology(2); Genetics(1); Population cytogenetics(1); Population Biology(2); Systematics(1); Taxonomy(1); Biogeography(1)

EXPERIENCE (AS EMPLOYEE): United Nations

EXPERIENCE (AS CONSULTANT): Central American; South American

RESEARCH ACTIVITY ONE: Comp. pop. cytogenetics & evol. sceloporus lizards

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (525)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Southwest(1,M); North Central(2); Northeast(5); Central America(1.5,M)

<298>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<298>

Halvorson, William L., 1943, PhD, 1970, Botany,
401-792-2161
Botany Department; University of Rhode
Island; Kingston, RI 02881, US

PRINCIPAL FIELD: Plant population and community
ecology, ecophysiology and plant distribution

COMPETENCE: Aquatic Ecology(2); Biostatistics(3);
Marine Biology(2); Plant Ecology(1);
Physiology(1); Population Biology(2); Soil
Science(3); Systems Analysis(3)

EXPERIENCE (AS EMPLOYER): USDI

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Desert shrub water stress

RESEARCH ACTIVITY TWO: Growth response of salt
marsh grass

RESEARCH ACTIVITY THREE: Effects of swamp filling
at construction site

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(307)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Soil erosion;
Tailings, spoils disposal; Water Resource
Development(GENI); Channelization; Dredging,
filling; Beach nourishment; Watershed,
forest, range; Flood control; Water supply

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (3,M);
North Central(2); Northeast(2,M)

<299>

Ranby, Robert J., 1932, PhD, 1969, Zoology,
609-327-0409
Science Department; Cumberland County
College; P.O. Box 517; Vineland, NJ 08360, US

PRINCIPAL FIELD: Physiological ecology of marine
organisms

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Aquatic Ecology(2);
Biophysics(3); Fishery Biology(3);
Environmental Pollution(3); Limnology(3);
Marine Biology(1); Oceanography(2);
Parasitology(3); Paleontology(3); Plant
Ecology(3); Physiology(1); Population
Biology(3)

EXPERIENCE (AS EMPLOYEE): State government; USDI

RESEARCH ACTIVITY ONE: Heat effects in a marine
snail

RESEARCH ACTIVITY TWO: Effects of high
temperatures on *L. Littorea*

RESEARCH ACTIVITY THREE: Drift bottle studies at
Bodega Head, California

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1578)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3,M); North Central(8,M);
Northeast(0.5,M); Middle Atlantic(1.5)

AVAILABILITY (DAYS PER MONTH): A,4; S,all

<300>

Hamilton, Daniel Heyward, 1938, PhD, 1967,
Aquatic Ecology, 301-326-4281
Environmental Research; University of
Maryland; Chesapeake Biological Laboratory;
Solomons, MD 20688, US

PRINCIPAL FIELD: Structure, Function, and
Productivity of Benthic Infauna and
Planktonic Primary Production and Mineral
Cycling

COMPETENCE: Aquatic Ecology(1); Environmental
Pollution(1); Limnology(1); Oceanography(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): State government

RESEARCH ACTIVITY ONE: Cove Point benthic study

RESEARCH ACTIVITY TWO: Effects of thermal loading
and water quality on estuarine one degree
production

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1256)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M);
Middle Atlantic(4,M); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): Variable

<301>

Hanawalt, Ronald B., 1939, PhD, 1966, Soil,
203-924-3761
Dept. of Environmental Sciences; University
of Virginia; Brooks Hall; Charlottesville, VA
22903, US

COMPETENCE: Agronomy(3); Biochemistry(3); Plant
Ecology(2); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): Construction; County or
city government; Civic action group

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Soil survey for use in
development and management

RESEARCH ACTIVITY TWO: Ecological survey Fairmont
Park, Philadelphia

RESEARCH ACTIVITY THREE: Patterns of nutrient
cycling, mountain ecosystems

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1416)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2,M); Rocky Mountain(1); Middle
Atlantic(7)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

TABLE: RESPONDENTS
(ALPHABETICAL LISTING)

<302>
 Haulman, Donald R., 1922, ScD, 1950, Water Resources, 617-253-2726
 Civil Engineering; Massachusetts Institute of Technology; Rm 48-335; Cambridge, MA 02139, US

PRINCIPAL FIELD: Mathematical Models; River and Estuary Water Quality; Thermal Pollution; Salinity Intrusion

COMPETENCE: Aquatic Ecology(2); Environmental Pollution(1); Limnology(1); Oceanography(2); Systems Analysis(3); Water Resources Management(1)

EXPERIENCE (AS CONSULTANT): Construction; Utility; The Nat'l Academy of Sciences; CC; COP; EPA; NSP

RESEARCH ACTIVITY ONE: Transient water quality in estuary networks

RESEARCH ACTIVITY TWO: Submerged diffusers for waste heat disposal

RESEARCH ACTIVITY THREE: Salinity intrusion in estuaries

INTEREST IN WORKING WITH: Construction; Utility; Local or regional planning group; State government; The Institute of Ecology; The Nat'l Academy of Sciences; United Nations; World Bank; AEC; CC; COE; EPA; NSP; OST; AIF; Other Governments (3935)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Water Resource Development(GenI); Channelization; Dredging, filling; Reservoirs/Dams; Coastal protection/jetties; Canals/Channels; Reservoir releases; Hydroelectric power; Navigation; Flood control; Irrigation; Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(28); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

<303>
 Harlow, Richard P., 1919, MS, 1971, Wildlife J.S. Forest Service; S.E. Forest Experiment Station; 1617 Kennedy St.; Blacksburg, VA 24060, US

PRINCIPAL FIELD: The Effects of Habitat Changes on Wildlife Populations and Food Habits of Ungulates

COMPETENCE: Animal Ecology(3); Animal Husbandry(3); Biostatistics(1); Forestry(3); Ornithology(3); Plant Ecology(3); Population Biology(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): State government; Conservation group; BSOA

EXPERIENCE (AS CONSULTANT): Agriculture; State government; Conservation group; USDA

RESEARCH ACTIVITY ONE: Effects of cutting on deer food production

RESEARCH ACTIVITY TWO: Forages eaten by deer in the southeast

RESEARCH ACTIVITY THREE: Simulated browsing by clipping

INTEREST IN WORKING WITH: Agriculture, Local Government; State government; Conservation or Scientific Group; Conservation group, USDA; AEC; COE; DOD; EPA; HEW; HUD; USDI; NSP; AIF; Other Governments (393)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Soil erosion; Watershed, forest, range; Fish & Wildlife Conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1); Middle Atlantic(7,M); Southeast(4,S)

AVAILABILITY (DAYS PER MONTH): Up to the discretion of the agency

<304>
 Hepler III, James S., 1947, VMD, 1972, Veterinary Medicine, 215-831-5304
 Clinical Veterinarian and Ophthalmic Pathology; U.S. Army Joint Laser Safety Team; Bridge St. & State Rd.; Philadelphia, PA 19137, US

COMPETENCE: Animal Behavior(3); Animal Ecology(3); Biochemistry(3); Environmental Pollution(3); Microbiology(3); Nutrition(3); Paleontology(3); Population Biology(3); Veterinary Science(1); Wildlife Management(2)

RESEARCH ACTIVITY ONE: Effect of lasers on cornea, retina and skin

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3085)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(4,M)

AVAILABILITY (DAYS PER MONTH): Any evening or weekend or as allowed by Dept. Army

<305>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<305>

Hartman, Fred E., 1936, MS, 1960, Wildlife Mgmt.,
717-865-2944
Division of Research; Penn. Game Comm.; Box
234, Rd #2; Jonestown, PA 17038, DS

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Local or regional
planning group; Conservation group;
Professional society; USDI

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
Civic action group; Conservation group

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3083)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Water
Resource Development (Genl); Channelization;
Dredging, filling; Beach nourishment;
Reservoirs/Dams; Coastal protection/tetties;
Watershed, forest, range; Reservoir releases;
Flood control water quality control;
Shoreline protection; Fish & Wildlife
Conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5,M);
Middle Atlantic (15,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<306>

Hartman, Richard T., 1921, PhD, 1952, Biology,
412-621-3500
162 Crawford Hall; University of Pittsburgh;
Fifth Ave.; Pittsburgh, PA 15213, DS

PRINCIPAL FIELD: Physiological ecology of algae
and vascular aquatic plants - mineral cycling

COMPETENCE: Aquatic Ecology (1); Limnology (2);
Plant Ecology (1); Physiology (2); Water
Resources Management (3)

EXPERIENCE (AS EMPLOYEE): Pesticides, herbicides

EXPERIENCE (AS CONSULTANT): Construction; County
or city government; State government; COE

RESEARCH ACTIVITY ONE: Establish high water mark
in riverbank vegetation

RESEARCH ACTIVITY TWO: Establish high water mark
riverbank vegetation

RESEARCH ACTIVITY THREE: Control of waterweeds in
lakes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1602)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<307>

Hartwell, Allan D., 1945, MS, 1970,
Geology/Oceanography, 603-669-7911
Oceanography Dept.; Normandeau Associates,
Inc.; 686 Mast Road; Manchester, NH 03102, US

PRINCIPAL FIELD: Physical oceanography, estuarine
hydrography coastal processes, sedimentology

COMPETENCE: Animal Ecology (3); Aquatic
Ecology (3); Forestry (1); Environmental
Pollution (1); Limnology (3); Marine
Biology (3); Oceanography (1); Paleontology (2);
Plant Ecology (3); Soil Science (2); Water
Resources Management (3)

EXPERIENCE (AS EMPLOYEE): State government; COE;
NSP

EXPERIENCE (AS CONSULTANT): Utility; Local or
regional planning group; State government; COE

RESEARCH ACTIVITY ONE: Circulation of N.H.
Coastal waters

RESEARCH ACTIVITY TWO: Thermal pollution,
Bridgeport Harbor, Connecticut

RESEARCH ACTIVITY THREE: Old oil spill effects,
Norwalk, Connecticut

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Canadian; European,
western (489)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Soil erosion; Water
Resource Development (GENL); Dredging,
filling; Beach nourishment; Coastal
protection/tetties; Canals/Channels;
Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (6)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<308>

Hartzler, James R., 1945, BS, 1967, Biology,
814-237-0004
Dept of Biology; Pennsylvania State
University; 226C Vairo Blvd; State College,
PA 16801, US

PRINCIPAL FIELD: Intra- and Inter specific
behavioral effects on reproductive success

COMPETENCE: Respondent lists 16 or more
scientific fields

RESEARCH ACTIVITY ONE: Reproductive success of
bluegill sunfish

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (725)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3,M);
Hawaii (2)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<309>

Harvey, George R., 1937, PhD, 1964, Organic Chemistry, 617-548-1400
Chemistry; Woods Hole Oceanographic Institution; Water Street; Woods Hole, MA 02543, US

PRINCIPAL FIELD: Analysis of Synthetic Organic Compounds in the Marine Environment

COMPETENCE: Agricultural Science (1); Biochemistry (3); Environmental Pollution (1); Marine Biology (3); Oceanography (2)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): Agriculture; The Nat'l Academy of Sciences; WHO; USDA; USDC; COE; EPA; NSF; Iceland

RESEARCH ACTIVITY ONE: Adsorption of chlorinated hydrocarbons from seawater

RESEARCH ACTIVITY TWO: Distribution of chlorinated hydrocarbons in Atlantic Ocean

RESEARCH ACTIVITY THREE: Metabolism of a herbicide in soybeans

INTEREST IN WORKING WITH: Agriculture; Local Government; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Other Governments (3355)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): South Central (6); Northeast (7); Hawaii (M); Asia (M); Central America (M)

AVAILABILITY (DAYS PER MONTH): A, 3; S, 5

<310>

Harvill, Alton M., 1916, PhD, 1948, Botany, 703-392-5667
Natural Sciences; Longwood College; Farmville, VA 23901, US

PRINCIPAL FIELD: Plant ecology as related to plant geography and paleoecology

COMPETENCE: Aquatic Ecology (3); Genetics (3); Plant Ecology (3); Systematics (3); Taxonomy (3)

EXPERIENCE (AS EMPLOYEE): Agriculture; COE

EXPERIENCE (AS CONSULTANT): State government; Conservation group

RESEARCH ACTIVITY ONE: Vegetation of Hog Island, Northampton Co., Virginia

RESEARCH ACTIVITY TWO: Evaluation of Natural Values of a Portion of Seashore State Park, Virginia

RESEARCH ACTIVITY THREE: Vegetation of Parramore Island, Virginia

INTEREST IN WORKING WITH: Agriculture; State government; Conservation group; COE (117)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Parks, recreational facilities

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States (1); Rocky Mountain (1); South Central (5); Middle Atlantic (10); Alaska (4); Africa (2)

AVAILABILITY (DAYS PER MONTH): A, 10; S, 30

<311>

Hastings, Robert W., 1943, PhD, 1972, Marine Biology
Biology Department; Rutgers University; Camden, NJ 08102, US

PRINCIPAL FIELD: Ecology of Marine Fishes, Especially Reef Species and Their Attraction to Artificial Reefs

COMPETENCE: Anatomy (3); Animal Behavior (3); Animal Ecology (2); Aquatic Ecology (2); Fishery Biology (1); Ichthyology (1); Marine Biology (1); Oceanography (2); Systematics (3); Taxonomy (3)

RESEARCH ACTIVITY ONE: Colonization of Artificial Reef by Fishes

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3111)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling; Coastal protection/jetties; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (1); Southeast (7, M)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 20

<312>

Raug, Peter T., MS, 1970, Wildlife Biology
125 Circle Drive; Princeton, WV 24740, US

PRINCIPAL FIELD: Systems Ecology

COMPETENCE: Animal Ecology (3); Biostatistics (2); Forestry (2); Plant Ecology (1); Population Biology (3); Range Science (2); Systems Analysis (2); Wildlife Management (2)

RESEARCH ACTIVITY ONE: Systems Ecology and Multiple-Use Decision Making

RESEARCH ACTIVITY TWO: Succession on old fields

INTEREST IN WORKING WITH: Agriculture; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3951)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain (7, M); Northeast (5); Middle Atlantic (1)

AVAILABILITY (DAYS PER MONTH): A, 20; S, 20

<313>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<313>

Ray, Keith G., 1928, MS, 1955, Wildlife Ecology,
202-833-5720Environmental Conservation; American
Petroleum Institute; 1801 K St. N.W.;
Washington, DC 20006, USPRINCIPAL FIELD: Wildlife ecology and its
application to urban environments and
petroleum - environmental problemsCOMPETENCE: Animal Ecology(1); Aquatic
Ecology(3); Fishery Biology(3); Environmental
Pollution(2); Marine Biology(2);
Oceanography(3); Parasitology(3); Population
Biology(3); Wildlife Management(1)EXPERIENCE (AS EMPLOYEE): State government;
Conservation group;USDIEXPERIENCE (AS CONSULTANT): Transportation; Local
or regional planning group; Conservation
group; Professional societyRESEARCH ACTIVITY ONE: Ecological baseline study
of the Mid-Atlantic Bight.RESEARCH ACTIVITY TWO: Ecological baseline study
of the N.F. Gulf of MexicoRESEARCH ACTIVITY THREE: Cleaning of oiled
waterfowlINTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; D.S. Federal
Government (1036)IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Parks, recreational
facilities; Fish & Wildlife conservationGEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(13,M); South Central(1,M); Middle
Atlantic(6)

AVAILABILITY (DAYS PER MONTH): A,?, S,?

<314>

Hayden, Robert P., 1933, MA, 1970, Public
Administration, 412-683-7347
General Analytics Inc.; 570 Beatty Road;
Monroeville, PA 15146, USPRINCIPAL FIELD: Evaluation of Impact of Water
Development on Natural SystemsCOMPETENCE: Agricultural Science(3); Aquatic
Ecology(2); Fishery Biology(1); Environmental
Pollution(2); Limnology(2); Water Resources
Management(1); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; Local or
regional planning group; COEINTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2925)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy

conversion/production; Highways; Parks,
recreational facilities; Water Resource
Development (Genl); Channelization; Breeding,
filling; Reservoirs/Dams; Levees/dikes;
Canals/Channels; Reservoir releases;
Hydroelectric power; Flood control;
Irrigation; Water supply; Water quality
control; Shoreline protection; Fish &
Wildlife conservationGEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(14); Northeast(2)

<315>

Hayes, Dora K., 1931, PhD, 1961, Biochemistry,
301-344-2474
CBCL, A, PQI; Agriculture Research Service;
110 Center Bldg.; Beltsville, MD 20705, US

PRINCIPAL FIELD: Comparative Biochemistry

COMPETENCE: Bacteriology; Biochemistry;
Entomology; Environmental Pollution; Marine
Biology; Parasitology; Pest Control;
PhysiologyRESEARCH ACTIVITY ONE: Insect
Diapause-BiochemistryRESEARCH ACTIVITY TWO: Insect
Photo-Periodic-Response--Photo Manip

RESEARCH ACTIVITY THREE: Herbicides on Insect Pest

INTEREST IN WORKING WITH: Agriculture;
Transportation; Local Government; Conservation
or Scientific Group; International
Organizations; U.S. Federal Government; Asian
(2099)GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(4,M); Middle Atlantic(7,M)

AVAILABILITY (DAYS PER MONTH): A,R; S,R

<316>

Hayes, Dora K., 1931, PhD, 1961, Biochemistry,
301-344-2474
CBCL A&EQI ARC USDA; Agriculture Research
Service; 110 Center Bldg.; Beltsville, MD
20705, US

PRINCIPAL FIELD: Comparative biochemistry

COMPETENCE: Bacteriology; Biochemistry;
Entomology; Environmental Pollution;
Microbiology; Parasitology; Pest Control;
PhysiologyRESEARCH ACTIVITY ONE: Insect diapause -
biochemistryRESEARCH ACTIVITY TWO: Insect photoperiodic
response - photomanipRESEARCH ACTIVITY THREE: Herbicides on insect
pestsINTEREST IN WORKING WITH: Agriculture;
Transportation; Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Asian (871)GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(4,M); Middle Atlantic(7,M)

AVAILABILITY (DAYS PER MONTH): A,R; S,R

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<317>
 Hayes, Helen L., 1921, PhD, 1972, Zoology,
 202-381-6383
 Asst. Secretary for Science; Smithsonian
 Institution; 1000 Jefferson Drive;
 Washington, DC 20560, US
 PRINCIPAL FIELD: Estuarine ecology program
 planning
 COMPETENCE: Respondent lists 16 or more
 scientific fields
 EXPERIENCE (AS EMPLOYEE): DOD; USDI
 RESEARCH ACTIVITY ONE: Doctoral dissertation
 research
 INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1156)
 IMPACT ASSESSMENT EXPERIENCE: Airports; Water
 Resource Development (genl); Fish & Wildlife
 conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast (1,M);
 Middle Atlantic (27,M)
 AVAILABILITY (DAYS PER MONTH): A,30; S,30

<318>
 Rayne, Don W., 1911, PhD, 1947, Zoology,
 919-755-2531
 Institute of Statistics; North Carolina State
 University; P.O. Box 5457; Raleigh, NC
 27607, US
 PRINCIPAL FIELD: Consulting on Use of
 Quantitative Methods and Statistics in Ecology
 COMPETENCE: Respondent lists 16 or more
 scientific fields
 EXPERIENCE (AS EMPLOYEE): State government; USDI
 EXPERIENCE (AS CONSULTANT): Local or regional
 planning group; State government; The Nat'l
 Academy of Sciences; USDA; AEC; USDI; OST
 RESEARCH ACTIVITY ONE: SE Cooperative Mourning
 Dove Study
 RESEARCH ACTIVITY TWO: Statistics in Game and
 Fish Work SE States
 RESEARCH ACTIVITY THREE: Analysis of Waterfowl
 Banding
 INTEREST IN WORKING WITH: Agriculture;
 Transportation; Utility; Local Government;
 Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (3147)
 IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Water Resource Development
 (Genl); Reservoirs/Dams; Fish & Wildlife
 conservation
 GEOGRAPHIC FAMILIARITY (YEARS): North
 Central (28); Middle Atlantic (2); Southeast (10)
 AVAILABILITY (DAYS PER MONTH): A,2; S,2

<319>
 Hecht, Max K., 1925, PhD, 1953, 212-461-5113
 Biology Chairman; Queens College of CUNY;
 Kissena Blvd.; Flushing, NY 11367, US
 PRINCIPAL FIELD: Paleoecology paleogeography
 COMPETENCE: Animal Behavior (2); Animal
 Ecology (2); Marine Biology (2);
 Paleontology (1); Population Biology (1);
 Systematics (1); Taxonomy (1)
 EXPERIENCE (AS CONSULTANT): Manufacturing; Civic
 action group; Conservation group; NSP
 RESEARCH ACTIVITY ONE: Paleogeography of
 Australian Herpetofauna
 RESEARCH ACTIVITY TWO: Distribution of pelagic
 seasnakes
 INTEREST IN WORKING WITH: Agriculture;
 Manufacturing; Mining; Transportation;
 Utility; Local Government; County or city
 government; Local or regional planning group;
 State government; Conservation or Scientific
 Group; International Organizations; U.S.
 Federal Government; Other Governments (355)
 GEOGRAPHIC FAMILIARITY (YEARS): Rocky
 Mountain (1); Middle Atlantic (15); Central
 America (1); Europe, western (3,M)
 AVAILABILITY (DAYS PER MONTH): A,30; S,30

<320>
 Hecky, Robert E., 1944, PhD, 1971, Limnology,
 617-548-1400
 Geology and Geophysics; Woods Hole
 Oceanographic Institution; Woods Hole, MA
 02543, US
 PRINCIPAL FIELD: Phytoplankton taxonomy and
 ecology and its role in mineral cycling
 COMPETENCE: Aquatic Ecology (1); Biochemistry (3);
 Limnology (1); Marine Biology (3);
 Microbiology (3); Oceanography (3);
 Paleontology (2); Plant Ecology (3); Population
 Biology (3); Systematics (2); Taxonomy (2)
 RESEARCH ACTIVITY ONE: Ecology and geochemical
 significance of diatoms
 RESEARCH ACTIVITY TWO: Organic composition of
 diatom cell walls
 RESEARCH ACTIVITY THREE: Paleolimnology of Lake
 Kivu-Central Africa
 INTEREST IN WORKING WITH: Agriculture; Mining;
 Utility; Local Government; Conservation or
 Scientific Group; United Nations; USDA; AEC;
 COE; EPA; USDI; NSP; OST; AID; African;
 Central American; Canadian (1348)
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast (1.5);
 Southeast (4.5); Africa (1,M)
 AVAILABILITY (DAYS PER MONTH): A,3; S,5

<321>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<321>

Reiney, Clayton L., 1930, MS, 1959, Forestry,
717-782-4403
U.S. Dept. of Agriculture; Soil Conservation
Service; Third and Walnut Street; Harrisburg,
PA 17108, US

PRINCIPAL FIELD: Fish, Wildlife and Recreation
Management

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; USDA

INTEREST IN WORKING WITH: Private Sector; D.S.
Federal Government; Other Governments (3207)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Parks, recreational facilities;
Pesticides, herbicides; Soil erosion;
Tailings, spoils disposal; Water Resource
Development (Genl); Reservoirs/Dams;
Watershed, forest, range; Reservoir releases;
Flood control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (15,M)

<322>

Reisey, Paul C., 1946, BS, 1968, Biology,
717-548-2121
Fisheries Research Biology; Ichthyological
Associates; P.O. Box 12; Drumore, PA 17518,
US

PRINCIPAL FIELD: Age and growth studies on fishes
of a reservoir; also sampling techniques for
fishes

COMPETENCE: Agronomy(3); Agricultural Science(3);
Aquatic Ecology(3); Fishery Biology(2);
Ornithology(3)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; Professional society

EXPERIENCE (AS CONSULTANT): Utility; Professional
society

RESEARCH ACTIVITY ONE: SR Research Biologist

INTEREST IN WORKING WITH: Agriculture; Utility;
State government; Professional society; USDA;
AEC; COE; EPA; DSDI; NSF; OST (2306)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Reservoirs/Dams;
Reservoir releases; Hydroelectric power; Fish
& Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(4,M)

AVAILABILITY (DAYS PER MONTH): A,22; S,22

<323>

Remmett, Roland B., 1943, PhD, 1971, 212-264-1840
Environmental Evaluation; Environmental
Protection Agency; 26 Federal Plaza; New
York, NY 10007, US

COMPETENCE: Aquatic Ecology(1); Bacteriology(3);
Fishery Biology(1); Environmental
Pollution(1); Limnology(1); Marine
Biology(3); Microbiology(3); Oceanography(3);
Plant Ecology(3); Water Resources
Management(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): EPA

RESEARCH ACTIVITY ONE: Biodegradation of 2,4-D in
the aquatic environment

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International organizations; U.S. Federal
Government (1843)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(7)

<324>

Hendricks, Albert C., 1937, PhD, 1970, Biology,
703-951-5538
Center for Environmental Science; Virginia
Polytechnic Institute and State University;
Derring Hall; Blacksburg, VA 24061, US

PRINCIPAL FIELD: Water Pollution Biology

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(2); Limnology(2)

EXPERIENCE (AS CONSULTANT): Manufacturing;
Utility; COE; EPA

RESEARCH ACTIVITY ONE: Eutrophication study of
Smith Mountain Lake, Va.

RESEARCH ACTIVITY TWO: Biological survey of
Peters Creek, Va.

RESEARCH ACTIVITY THREE: Water pollution study on
the Shenandoah River

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1049)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(7,M);
Southeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<325>

Hendrix, Sherman S., 1939, PhD, 1972, Zoology,
717-334-3131
Dept. of Biology; Gettysburg College;
Gettysburg, PA 17325, US

PRINCIPAL FIELD: Systematics and ecology of
freshwater fish parasites and their hosts

COMPETENCE: Aquatic Ecology(2); Limnology(3);
Parasitology(1)

EXPERIENCE (AS CONSULTANT): Manufacturing

RESEARCH ACTIVITY ONE: Bacteriological testing of
centrifuged apple juice

INTEREST IN WORKING WITH: Local or regional
planning group; State government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1045)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(8); Southeast(3)

AVAILABILITY (DAYS PER MONTH): A,10; S,25

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<326>

Henny, Charles J., 1943, PhD, 1970, Wildlife Ecology, 301-776-4323
Migratory Bird Research Lab.; U.S. Fish and Wildlife Service; Migration Bird Research Lab.; Laurel, MD 20810, US

PRINCIPAL FIELD: Population dynamics of avian species

RESEARCH ACTIVITY ONE: Population dynamics of avial species

RESEARCH ACTIVITY TWO: Population ecology of the mallard

RESEARCH ACTIVITY THREE: Pesticides, territorial behavior, and the red-shouldered hawk

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3818)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(4,M); Middle Atlantic(3)

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<327>

Henshaw, Robert E., 1934, PhD, 1965, Physiology, 814-237-3246
358 Douglas Drive; State College, PA 16801, OS

PRINCIPAL FIELD: Physiology and ecology of mammals in Arctic and cold conditions

COMPETENCE: Animal Behavior(2); Animal Ecology(1); Anthropology(3); Biostatistics(3); Biophysics(2); Environmental Pollution(2); Marine Biology(3); Nutrition(2); Ornithology(3); Physiology(1); Range Science(3); Reproductive Biology(3); Taxonomy(3); Wildlife Management(2); Arctic Ecology(1)

RESEARCH ACTIVITY ONE: Nuclear power plant site terrestrial impact survey

RESEARCH ACTIVITY TWO: Review of TransAlaska oil pipe impact Rep.

RESEARCH ACTIVITY THREE: Arctic mammal physiology research

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (683)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Highways; Parks, recreational facilities; Watershed, forest, range; Fish & Wildlife conservation; Arctic development

GEOGRAPHIC FAMILIARITY (YEARS): North Central(9); Northeast(7); Middle Atlantic(7); Alaska(?,M); Canada, western(1); Canada, northern(1)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<328>

Heppner, Frank H., 1940, PhD, 1967, Zoology, 401-792-2372
Zoology; Univ. Rhode Island; Kingston, RI 02881, US

PRINCIPAL FIELD: Avian Flocking Behavior and Bird Environmental Inventories

COMPETENCE: Anatomy(3); Animal Behavior(1); Animal Ecology(1); Ornithology(1); Physiology(2); Population Biology(3); Systematics(3); Taxonomy(3)

EXPERIENCE (AS CONSULTANT): Manufacturing; Civic action group; Conservation group

RESEARCH ACTIVITY ONE: Birds of Atlantic Seaboard Matters to Cape Cod

RESEARCH ACTIVITY TWO: Avian Flight Formations

INTEREST IN WORKING WITH: private Sector; United Nations; IUCN; USDC; CC; COB; EPA; HEW; USDT; NSF; OST; AID; DOT; African; European, western (905)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(7,M); Northeast(4,M); Middle Atlantic(M)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<329>

Hershaft, Alex, 1934, PhD, 1961, Chemistry, 301-656-2200
Booz-Allen Applied Research; 4733 Bethesda Ave.; Bethesda, MD 20014, OS

PRINCIPAL FIELD: Analysis, study, and solution of complex environmental technology problems

COMPETENCE: Environmental Pollution(1); Air Pollution(2); Oceanography(3); Systems Analysis(2); Water Resources Management(2); Solid Waste(1)

EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; EPA

RESEARCH ACTIVITY ONE: Water management alternatives

RESEARCH ACTIVITY TWO: Solid waste technology

INTEREST IN WORKING WITH: Transportation; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; United Nations; World Bank; IUCN; U.S. Federal Government; Other Governments (4011)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Pesticides, herbicides; Water Resource Development(GENL); Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); North Central(5); Northeast(8,M); Middle Atlantic(2); Asia(2)

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<330>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<330>

Rester, Albert E., 1940, MS, 1964, Wildlife
Biology, 617-223-2985
Fish & Wildlife Service; Bureau of Sport
Fisheries & Wildlife; U.S. Post Office &
Courthouse; Boston, MA 02109, US

PRINCIPAL FIELD: Wildlife Ecology; Wildlife
Management; Wildlife Law Enforcement

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(3); Entomology(3); Ornithology(2);
Plant Ecology(3); Population Biology(3);
Systems Analysis(3); Wildlife Management(1);
Wildlife Law Enforcement(1)

RESEARCH ACTIVITY ONE: Blackbird depredations
studies

RESEARCH ACTIVITY TWO: Ecological studies of bird
depredations

RESEARCH ACTIVITY THREE: Studies of population
ecology Canada geese

INTEREST IN WORKING WITH: Local Government;
International Organizations; U.S. Federal
Government; Other Governments (3886)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); Southwest(1); South Central(3);
Northeast(5)

<331>

Reywood, Peter, 1943, PhD, 1968, Biology,
203-436-4694
Dept. of Microbiology; Yale Medical School;
333 Cedar St.; New Haven, CT 06510, US

PRINCIPAL FIELD: Cell biology of eucaryotic
microorganisms - particularly algae

COMPETENCE: Anatomy(3); Biochemistry(3); Marine
Biology(3); Microbiology(1); Physiology(3);
Systematics(3)

RESEARCH ACTIVITY ONE: Mitosis in a
PHYTOFLAGELLATE

INTEREST IN WORKING WITH: International
Organizations; U.S. Federal Government; EPA;
Other Governments (1907)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4);
Europe, western(4)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<332>

Hill, Richard L., 1928, PhD, 1956, Chemistry,
703-642-2111
Virginia Institute of Marine Science;
Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Physical and analytical
chemistry of natural and polluted waters.
Water processing

COMPETENCE: Aquatic Ecology(3); Environmental
Pollution(2); Chemistry(1); Oceanography(3);
Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): Manufacturing; County
or city government; State government; USDI

EXPERIENCE (AS CONSULTANT): Manufacturing;
Utility; County or city government

RESEARCH ACTIVITY ONE: Survey chem. aspects of
water quality in SF Virginia

RESEARCH ACTIVITY TWO: James estuary benthos;
sediment size and chemistry influences thereon

RESEARCH ACTIVITY THREE: Nutrient transport in
oligohaline tidal marshes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (4117)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Beach nourishment; Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Middle Atlantic(18,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<333>

Hillman, Robert E., 1933, PhD, 1962, Zoology,
617-934-5682
William P. Clapp Laboratories;
Battelle-Columbus Laboratories; Washington
Street; Duxbury, MA 02332, US

PRINCIPAL FIELD: Physiological Ecology of Marine
Organisms

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(3); Biochemistry(2); Fishery
Biology(3); Environmental Pollution(3);
Genetics(2); Limnology(1); Marine Biology(3);
Oceanography(3); Ornithology(1); Systems
Analysis(1); Taxonomy(1); Water Resources
Management(2)

EXPERIENCE (AS CONSULTANT): Construction;
Utility; County or city government; Local or
regional planning group; State government;
Conservation group; NSDC; COE; DOD; HEW; NSF

RESEARCH ACTIVITY ONE: Ecology of Millstone
Point, Connecticut area

RESEARCH ACTIVITY TWO: Ecology of New Haven Harbor

RESEARCH ACTIVITY THREE: Ristochemistry of
mucosubstances in clam

INTEREST IN WORKING WITH: Construction; Utility;
County or city government; Local or regional
planning group; State government;
Conservation group; USDC; COE; DOD; HEW; NSF
(1238)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Water Resource
Development(Genl); Channelization; Dredging,
filling; Beach nourishment; Coastal
protection/jetties; Canals/Channels; Water
quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M);
Middle Atlantic(8,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<334>
 Hinckley, Alden D., 1931, PhD, 1960, Entomology,
 703-924-3761
 Dept. of Environmental Sciences; University
 of Virginia; Brooks Hall 310;
 Charlottesville, VA 22903, US

PRINCIPAL FIELD: Mortality and dispersal of
 insect populations within agricultural or
 forest ecosystems

COMPETENCE: Entomology(1); Environmental
 Pollution(3); Pest Control(2); Population
 Biology(1)

EXPERIENCE (AS EMPLOYEE): United Nations; AEC; S.
 Pacific

EXPERIENCE (AS CONSULTANT): Asian; S. Pacific

RESEARCH ACTIVITY ONE: Insect dispersal into
 gamma irradiated gradient

RESEARCH ACTIVITY TWO: Coconut rhinoceros beetle
 project

RESEARCH ACTIVITY THREE: Pests of rice in Fiji

INTEREST IN WORKING WITH: Agriculture; Local
 Government; County or city government; Local
 or regional planning group; State government;
 Civic action group; Conservation group; The
 Institute of Ecology(TIF); United Nations;
 Environmental Secretariat; USDA; AEC; COE;
 EPA; USDI; NSF; Asian; South Pacific (1901)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
 Pesticides, herbicides; Defoliation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(1); Northeast(3); Middle Atlanti(3);
 Hawaii(4); Asia(1); South Pacific(7)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<335>
 Rinish, Wayne W., 1925, PhD, 1955, Agronomy,
 814-865-2543
 Agronomy Extension; Pennsylvania State
 University; 106 Agriculture Administration
 Bldg.; University Park, PA 16802, US

PRINCIPAL FIELD: Soil fertility and plant
 nutrition

COMPETENCE: Agronomy(1); Agricultural Science(1);
 Animal Husbandry(3); Biochemistry(3);
 Environmental Pollution(2); Horticulture(3);
 Plant Ecology(2); Plant Pathology(3); Soil
 Science(1); Systems Analysis(3); Water
 Resources Management(3)

EXPERIENCE (AS CONSULTANT): Agriculture; World
 Bank; AID; Asian

RESEARCH ACTIVITY ONE: Land reclamation,
 agricultural economic development

INTEREST IN WORKING WITH: Agriculture; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (3570)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Tailings, spoils disposal

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic(20,M); Asia(2,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<336>
 Hobbie, John E., 1935, PhD, 1962, Zoology,
 919-755-2589
 Dept. of Zoology; North Carolina State
 University; Box 5577; Raleigh, NC 27607, US

PRINCIPAL FIELD: Describing Numbers and
 Activities of Aquatic Bacteria

COMPETENCE: Aquatic Ecology(1); Bacteriology(2);
 Environmental Pollution(2); Limnology(1);
 Marine Biology(2); Microbiology(2); Water
 Resources Management(3)

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Effect of phosphate mining
 on estuary

RESEARCH ACTIVITY TWO: Survey of aquatic
 organisms in estuary

RESEARCH ACTIVITY THREE: Aquatic bacteria-cycling
 of organic compounds

INTEREST IN WORKING WITH: Construction; Utility;
 Local Government; County or city government;
 Local or regional planning group; State
 government; Conservation or Scientific Group;
 Civic action group; Conservation group;
 Professional Society; The Institute of
 Ecology; The Nat'l Academy of Sciences; U.S.
 Federal Government (1386)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Tailings, spoils
 disposal

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(2); North Central(2); Southeast(6,M);
 Alaska(2,M); Europe, western(3,M)

<337>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<337>

Hocutt, Charles H., 1944, MS, 1970, Zoology,
703-951-6679
Dept. of Biology; Virginia Polytechnic
Institute & State University; Blacksburg, VA
24061, US

Conservation group; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
United Nations; World Bank; USDA; CC; COE;
EPA; NSF; OST; AID; African; Central
American; Canadian; European, eastern;
European, western; South American (1965)

PRINCIPAL FIELD: Greatest competence in: Aquatic
ecology with a strong background in
Ichthyology, aquatic entomology, limnology,
and environmental pollution

GEOGRAPHIC FAMILIARITY (YEARS): North Central(9);
Middle Atlantic(8); Southeast(2,M);
Hawaii(1); Alaska(13,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

COMPETENCE: Aquatic Ecology(1); Entomology(2);
Fishery Biology(2); Environmental
Pollution(2); Limnology(2); Ichthyology(2);
Marine Biology(3); Systematics(3);
Taxonomy(3); Water Resources Management(3)

<339>

Hogan, Terry M., 1946, MS, 1972, Aquatic Biology,
914-737-3081
Ecological Services; Texas Instruments
Incorporated; Box 237; Buchanan, NY 10511, US

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): Manufacturing; Utility

RESEARCH ACTIVITY ONE: Instream monitoring
techniques in a large river system

PRINCIPAL FIELD: Fresh water and estuarine
invertebrates

RESEARCH ACTIVITY TWO: Ecological investigation
of the Schuylkill River in the vicinity of
the Limerick Nuclear Generating Station

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Fishery Biology(3); Environmental
Pollution(2); Limnology(2)

RESEARCH ACTIVITY THREE: Ecological investigation
of the Schuylkill River in the vicinity of
the Barbadoes & Cromby Steam Electric Stations

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; COF

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (10B3)

RESEARCH ACTIVITY ONE: Thermal discharge effects
on Hudson River benthos

RESEARCH ACTIVITY TWO: Environ survey aquatic
invertebrate Embarras River Illinois

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Water Resource
Development(GENL); Reservoirs/Dams;
Hydroelectric power; Water quality control;
Fish & Wildlife conservation

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; ARC; COE;
EPA; NSF; Other Governments (1575)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(4)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Reservoirs/Dams

AVAILABILITY (DAYS PER MONTH): A,10; S,20

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(1,M); Northeast(1,M); Middle
Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<338>

Rodgson, Barlow J., 1918, PhD, 1955, Crop Br-Bot,
202-447-6096
USDA CSRS Pm 450W; U.S. Department of
Agriculture; Washington, DC 20250, US

PRINCIPAL FIELD: Plant breeding, research
evaluation and management, general
agricultural production

<340>

Rollingshead, Kenneth R., 1944, BS, 1967,
Biology, 301-545-6700
Naval Oceanographic Office; Code 3331;
Washington, DC 20390, US

COMPETENCE: Agronomy(1); Genetics(2); Plant
Ecology(3); Physiology(2); Range Science(2);
Systematics(2); Taxonomy(2)

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Fishery Biology(1); Environmental
Pollution(2); Limnology(2); Marine
Biology(1); Oceanography(2); Ornithology(3);
Paleontology(3); Plant Ecology(3);
Taxonomy(3); Wildlife Management(3)

RESEARCH ACTIVITY ONE: Comprehensive review of
research - plant breeding

RESEARCH ACTIVITY ONE: Environmental conditions
on munition dump sites

RESEARCH ACTIVITY TWO: Agricultural productivity
of subarctic Alaska

RESEARCH ACTIVITY TWO: Trace Element Studies on
Deep Water Plankton

RESEARCH ACTIVITY THREE: Task force on spatial
heterogeneity in agriculture

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Other Governments (158)

INTEREST IN WORKING WITH: Agriculture; Local or
regional planning group; State government;

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(5)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<341>
Hooper, Robert G., 1941, MS, 1967, Wildlife Biology, 703-552-1461
BDSA Forest Service; SE Forest Exp. Station; 104 Hubbard; Blacksburg, VA 24060, US

PRINCIPAL FIELD: Ecology and Management of Nonconsumptive Wildlife

COMPETENCE: Animal Ecology(2); Forestry(3); Ornithology(1); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Habitat factors determining density of forestbird

RESEARCH ACTIVITY TWO: Effects of clearcutting on bird populations

RESEARCH ACTIVITY THREE: Habitat requirements of raven

INTEREST IN WORKING WITH: U.S. Federal Government (1390)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(6,M)

<342>
Hornberger, George M., 1942, PhD, 1970, Hydrology, 703-924-3761
Dept. of Environmental Sciences; University of Virginia; Brooks Hall; Charlottesville, VA 22903, US

PRINCIPAL FIELD: Mathematical analysis of aquatic systems, both biological and physical

COMPETENCE: Aquatic Ecology(2); Environmental Pollution(2); Limnology(2); Soil Science(1); Systems Analysis(1); Water Resources Management(1)

EXPERIENCE (AS EMPLOYEE): Construction

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Eutrophication prediction

RESEARCH ACTIVITY TWO: Stream energy budgets

INTEREST IN WORKING WITH: Agriculture; Construction; Mining; Utility; Local Government; Professional society; The Institute of Ecology (TIE); The National Academy of Sciences; U.S. Federal Government* (1176)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development(genl)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2); Middle Atlantic(5,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<343>
Horst, G. Roy, 1933, PhD, 1968, Zoology, 802-656-2230
Anatomy Department; University of Vermont; Burlington, VT 05401, US

PRINCIPAL FIELD: Water economy of desert mammals, special emphasis: kidney structure and function

COMPETENCE: Anatomy(1); Animal Behavior(3); Animal Ecology(1); Biochemistry(3); Environmental Pollution(3); Physiology(1); Taxonomy(3); Veterinary Science(?); Wildlife Management(2)

EXPERIENCE (AS CONSULTANT): Conservation group; Professional society; REW; Central American; Mexico

RESEARCH ACTIVITY ONE: Renal Morphology in desert mammals

RESEARCH ACTIVITY TWO: Renal development in neonatal mammals

RESEARCH ACTIVITY THREE: Water balance in bats from xeric habitats

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; U.S. Federal Government (1322)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(4,M); Northeast(5); Middle Atlantic(5); Central America(0.5,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,15

<344

ABLE RESPONDENTS
(ALPHABETICAL LISTING)

<344

Howells, David H., 1920, MS, 1955, Environmental
Engineering, 319-755-2815
Water Resources Research Inst. of UNC; 12F
Kiddick Bldg NCSU; Raleigh, NC 27607, DS

PRINCIPAL FIELD: Water Quality Management

EXPERIENCE (AS EMPLOYEE): HEW

EXPERIENCE (AS CONSULTANT): County or city
government; State government; Civic action
group; Conservation group; Professional
society; AID; COE; EPA; AID

RESEARCH ACTIVITY ONE: Water pollution panel
National Water Commission

RESEARCH ACTIVITY TWO: Analysis pure waters
program state of New York

RESEARCH ACTIVITY THREE: Role of animal wastes in
water pollution

INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Conservation or Scientific
Group; AID; WHO; USDA; CC; COE; EPA; USDT;
NSF; OST; AID; other Governments (3385)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Soil erosion;
Tailings, spills disposal; Water Resource
Development (Genl); Channelization;
Reservoirs/Dams; Watershed, forest, range;
Flood control; Irrigation; Water supply;
Water quality control; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); North Central(3); Northeast(1);
Middle Atlantic(7); Southeast(10,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<345>

Hubbard, John P., 1935, PhD, 1967, Zoology,
302-658-9111
Bird Dept.; Delaware Museum Natural History
Kennet Pike; Greenville, DE 19807, BS

PRINCIPAL FIELD: Avian evolution, taxonomy,
zoogeography

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Ecology(2); Entomology(2); Marine
Biology(2); Ornithology(1); Paleontology(1);
Plant Ecology(3); Systematics(1); Taxonomy

EXPERIENCE (AS CONSULTANT): Utility; County
group

RESEARCH ACTIVITY ONE: Biosurvey of the San
Francisco Valley, N.M.

RESEARCH ACTIVITY TWO: Western U.M. powerline
route impact, Tucson Gas & Electric

RESEARCH ACTIVITY THREE: Studies in Gila Valley
N.M.

INTEREST IN WORKING WITH: Agriculture; Mining;
Local Government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; Other Governments (3479)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1,M);
North Central(6); Middle Atlantic(4);
Africa(less than 1); Central America(M)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

<346>

Huber, Ivan, 1931, PhD, 1968, Entomology,
201-335-8125
Dept. of Biology; Fairleigh Dickinson
University; 285 Madison Ave.; Madison, NJ
07940, US

PRINCIPAL FIELD: Population Biology of
Cockroaches, Especially with Reference to
Means of Biological Control

COMPETENCE: Entomology(1); Genetics(2);
Population Biology(2); Systematics(1);
Taxonomy(2)

RESEARCH ACTIVITY ONE: Pop. Biol. of German
Cockroach in lab. cultures

RESEARCH ACTIVITY TWO: Control of German
Cockroach with Recipr. transic

RESEARCH ACTIVITY THREE: Competition between
black and wild German Cockroaches

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1294)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(6);
Northeast(4); Middle Atlantic(7,M)

AVAILABILITY (DAYS PER MONTH): A,1; S,5

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<347>
 Bufford, Terry L., 1935, PhD, 1972, Botany,
 202-676-6989
 Biological Sciences 312; The George
 Washington University; 2D29 G St NW;
 Washington, DC 20006, US

PRINCIPAL FIELD: Diatom community analysis;
 Algology (Fresh Water)

COMPETENCE: Aquatic Ecology(1); Environmental
 Pollution(2); Limnology(2); Systems
 Analysis(2)

EXPERIENCE (AS EMPLOYEE): Utility; COE

RESEARCH ACTIVITY ONE: Environmental impact
 statement - Nuclear Power

RESEARCH ACTIVITY TWO: Diatom community analyses
 - Cedar Bog

RESEARCH ACTIVITY THREE: The diatom cymbella
 cistula

INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Mining; Utility;
 Local Government; Conservation or Scientific
 Group; International Organizations; USDA;
 AEC; COE; EPA; HEW; USID; NSF; OST; AID;
 Other Governments (2418)

IMPACT ASSESSMENT EXPERIENCE: Highways;
 Reservoirs/Dams; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(11,M); Middle Atlantic(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<348>
 Hughes, Kent R., 1942, MS, 1968, Oceanography,
 301-496-8734
 Dept. of Environmental Monitoring and
 Predict.; National Oceanic and Atmospheric
 Admin.; 6010 Executive Blvd.; Rockville, MD
 20852, US

PRINCIPAL FIELD: Marine water quality management

COMPETENCE: Environmental Pollution(1);
 Oceanography(1); Water Resources Management(1)

EXPERIENCE (AS EMPLOYEE): DSDC

EXPERIENCE (AS CONSULTANT): Utility; United
 Nations; EPA

RESEARCH ACTIVITY ONE: Coastal water quality
 monitoring network

RESEARCH ACTIVITY TWO: Vertical distribution
 copepods - Arctic Ocean

INTEREST IN WORKING WITH: Utility; Local
 Government; Conservation or Scientific Group;
 USDC; COE; EPA; USDI (1195)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development(genl); Navigation; Water quality
 control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(6,M); Middle Atlantic(1); High
 Arctic(1,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<349>
 Bull, Richard V., 1934, PhD, 1969, Botany,
 401-792-2357
 Plant & Soil Science Dept.; University of
 Rhode Island; 45 Greenhouses; Kingston, RI
 02881, US

PRINCIPAL FIELD: Physiological mechanisms for
 energy transfer in plant systems

COMPETENCE: Agronomy(1); Agricultural Science(3);
 Biochemistry(3); Biostatistics(3);
 Horticulture(2); Pest Control Weeds(2); Plant
 Ecology(3); Physiology (Plant) (1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): State government

RESEARCH ACTIVITY ONE: Growth requirements of
 salt marsh vegetation

RESEARCH ACTIVITY TWO: Physiology of torfgrass
 under stress conditions

RESEARCH ACTIVITY THREE: Stress physiology of
 woody ornamental plants

INTEREST IN WORKING WITH: Agriculture; Local
 Government; Conservation or Scientific Group;
 United Nations; USDA; AEC; CC; COE; EPA;
 USDI; NSF; DOT (1607)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(4,M); North Central(5);
 Northeast(5,M); Southeast(0.5)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

<350>
 Hunter, Arvel R., 1921, PhD, 1960, Soils,
 919-755-2277
 Soil Science; NC State Univ.; Raleigh, NC
 27607, US

PRINCIPAL FIELD: Soil fertility evaluation

COMPETENCE: Agronomy(1); Agricultural Science(1);
 Horticulture(2); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): USDA; AID; Central
 American; South American

INTEREST IN WORKING WITH: Agriculture; Local
 Government; State government; International
 organizations; U.S. Federal Government; Other
 Governments (3189)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(6); Rocky Mountain(4); Southeast(8);
 Central America(3); South America(1)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<351>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<351>

Hussey, George A., Jr., 1939, PhD, 1972, Soil Science, 614-865-1837
Pennsylvania State University; 202 Eng. C.;
University Park, PA 16802, US

PRINCIPAL FIELD: Soil Clay Mineralogy and Systems Analysis

COMPETENCE: Agronomy(2); Soil Science(1); Systems Analysis(2)

RESEARCH ACTIVITY ONE: Linear program for quantitative clay analysis

INTEREST IN WORKING WITH: Agriculture; Local or regional planning group; State government; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; United Nations; World Bank; IUCN; USDA; AFC; USDC; CC; COE; EPA; USDI; NSF; OST; AID; DOT; Central American; Canadian; European, eastern; European, western; South American (2381)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(10,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<352>

Husting, Edward L., 1939, PhD, 1968, Epidemiology, 412-683-1620
Maternal and Child Health; Grad School of Public Health; Univ. of Pittsburgh;
Pittsburgh, PA 15213, US

PRINCIPAL FIELD: Ecology of Human Diseases in Populations; at Affected by Social Factors

COMPETENCE: Animal Ecology(3); Anthropology(3); Aquatic Ecology(3); Biostatistics(3); Fishery Biology(3); Environmental Pollution; Marine Biology; Pest Control; Population Biology; Reproductive Biology; Systematics; Systems Analysis; Wildlife Management

EXPERIENCE (AS CONSULTANT): Agriculture; Mining; HEW; AID; Asian; Central American

RESEARCH ACTIVITY ONE: Evaluation of Programs for Pregnant Teenagers

RESEARCH ACTIVITY TWO: Study of Effects of Illegal Abortion-Jamaica

INTEREST IN WORKING WITH: Private Sector; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3121)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4); Northeast(2); Africa(4,M); Central America(2,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<353>

Rutchinson, Brendan P., 1943, MS, 1968, Fishery Biology, 607-256-5469
Dept. of Natural Resources Cornell Univ.;
Ferno Hall; Ithaca, NY 14850, US

PRINCIPAL FIELD: Population Biology and Community Ecology in Fisheries

COMPETENCE: Aquatic Ecology(3); Biostatistics(3); Fishery Biology(1); Environmental Pollution(3); Limnology(3); Marine Biology(3); Population Biology(3); Water Resources Management(3); Wildlife Management(3)

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Research: Zooplankton-Fish Interactions in Ponds

RESEARCH ACTIVITY TWO: Consultation: Analyze Impact of Nuclear Power Plant

RESEARCH ACTIVITY THREE: Research: Population Dynamics of Y. Perch

INTEREST IN WORKING WITH: Utility; Local Government; Conservation or Scientific Group; United Nations; AEC; COE; EPA; USDI; AID (3107)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M)

AVAILABILITY (DAYS PER MONTH): ?

<354>

Futnik, Russell J., 1924, PhD, 1964, Forest Ecology, 814-865-4901
School of Forest Resources; Pennsylvania State University; Forest Resources Lab.;
University Park, PA 16802, US

PRINCIPAL FIELD: Dynamics of Forest Ecosystems Following Disturbances

COMPETENCE: Biostatistics(3); Forestry(1); Environmental Pollution(2); Pest Control(3); Plant Ecology(1); Plant Pathology(3)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Utility; Professional society

RESEARCH ACTIVITY ONE: Forest ecosystem dynamics following disturbances

RESEARCH ACTIVITY TWO: Reclamation of deep mine coal wastes

RESEARCH ACTIVITY THREE: Forest growth near coal-burning power station

INTEREST IN WORKING WITH: Private Sector; Local or regional planning group; State government; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Other Governments (1394)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M); Middle Atlantic(16,M); Southeast(1)

AVAILABILITY (DAYS PER MONTH): A,6; S,4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<355>
 Hutson, William R., 1948, BA, 1970, Geology,
 401-B63-3287
 Geological Sciences; Brown University;
 Providence, RI 02912, US

PRINCIPAL FIELD: Planktonic Foraminiferal Ecology
 and Paleocology

COMPETENCE: Animal Behavior(3); Animal
 Ecology(2); Aquatic Ecology(2);
 Biostatistics(2); Environmental Pollution(3);
 Marine Biology(2); Oceanography(3);
 Paleontology(2); Taxonomy(3)

RESEARCH ACTIVITY ONE: Ecology & paleocology
 foraminifera Indian Ocean

RESEARCH ACTIVITY TWO: Foraminifera
 paleoenvironmental interpretations

RESEARCH ACTIVITY THREE: Climatological mapping
 and prediction

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (4071)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (2.5,M);
 Indian Ocean (1,M)

<356>
 Iannotti, Eugene L., 1942, PhD, 1970,
 Microbiology, 516-668-5800
 Microbiology; New York Ocean Sciences
 Laboratory; Montauk, NY 11954, US

PRINCIPAL FIELD: Marine Bacteriology

COMPETENCE: Aquatic Ecology(2); Bacteriology(1);
 Biochemistry(2); Environmental Pollution(3);
 Limnology(3); Microbiology(1)

RESEARCH ACTIVITY ONE: Fermentation interactions
 in microbial ecosystems

INTEREST IN WORKING WITH: Agriculture; Utility;
 Local Government; Conservation or Scientific
 Group; International Organizations; U.S.
 Federal Government; Other Governments (1691)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
 Middle Atlantic(6,M)

<357>
 Ishler, Thomas W., 1932, BS, 1964, Agricultural
 Science, 302-378-2837
 Dept. of Plant Breeding; Pioneer Hi-Breed
 Int. Inc.; P.O. Box 216; Middletown, DE
 19709, US

PRINCIPAL FIELD: Development, testing of inbred
 lines and hybrids of field corn

COMPETENCE: Agronomy(2); Animal Husbandry(3)

EXPERIENCE (AS EMPLOYEE): Agriculture

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (3474)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic(9,M)

<358>
 Istock, Conrad A., 1936, PhD, 1964, Zoology,
 716-275-3857
 Department of Biology; University of
 Rochester; Rochester, NY 14627, US

PRINCIPAL FIELD: Population biology, both its
 ecological and its evolutionary aspects

COMPETENCE: Animal Behavior(3); Animal
 Ecology(1); Aquatic Ecology(1);
 Biostatistics(2); Entomology(3);
 Environmental Pollution(3); Genetics(2);
 Limnology(2); Marine Biology(2);
 Oceanography(3); Pest Control(3); Plant
 Ecology(3); Population Biology(1);
 Systematics(3); Systems Analysis(3)

EXPERIENCE (AS EMPLOYEE): Civic action group; The
 Institute of Ecology(TIE); The National
 Academy of Sciences; NSF

RESEARCH ACTIVITY ONE: Chm. Work Grp. 4 of the
 conf. on Global Ecol. Problems

RESEARCH ACTIVITY TWO: TIE advisory council for
 urban ecosystems studies

RESEARCH ACTIVITY THREE: Steering committee of
 Dat Dong of Int. Fel. of Rec.

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; USDA; CC; COE;
 EPA; REW; HUD; USDI; NSP; OST; AID; DOT;
 Other Governments (1906)

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(1,M); Northeast(8,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<359>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<359>

Jackson, Daniel F., 1925, PhD, 1957, Limnology,
212-476-5541
Civil Engineering; Syracuse University;
Syracuse, NY 13210, US

PRINCIPAL FIELD: Water pollution

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Bacteriology(2); Fishery
Biology(3); Environmental Pollution(1);
Limnology(1); Microbiology(2); Plant
Ecology(2); Water Resources Management(2);
Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): COE

EXPERIENCE (AS CONSULTANT): Manufacturing;
Mining; County or city government; Local or
regional planning group; State government;
Civic action group; Conservation group;
Professional society; United Nations; AEC;
CC; COE; EPA; REW; USDI

RESEARCH ACTIVITY ONE: Ohio River algae

RESEARCH ACTIVITY TWO: Ecology periphytic discs

RESEARCH ACTIVITY THREE: Algal viruses

INTEREST IN WORKING WITH: Manufacturing; Mining;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology (TIE); The Nat'l Academy of Sciences;
United Nations; World Bank; IUCN; COE; EPA;
REW; RUD; USDI; NSP; OST; AID; DOT; Central
American; European, eastern; European,
western; South American (1710)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Tailings, spoils disposal;
Reservoir releases; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (22,M);
Middle Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<360>

Jacobs, Myron S., 1922, PhD, 1955, Anatomy,
212-006-8500
Comparative Pathology; Osborn Labs, NY
Aquarium; Surf Av. & West 8 St.; Brooklyn, NY
11224, US

PRINCIPAL FIELD: Comparative neuroanatom of
mammalian nervous system

EXPERIENCE: Anatomy(1); Aquatic Ecology(3)

RESEARCH ACTIVITY ONE: Comparative anatomy of
cetacea brain

INTEREST IN WORKING WITH: State government;
Conservation group; Professional society; The
Institute of Ecology (TIE); The Nat'l Academy
of Sciences; United Nations; USDC; COE; EPA;
NSP; USDI; NSP; AID; Canadian (1615)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (24);
Canada, eastern(2); Phillipines(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,8

<361>

Jadlocki, Joseph F., 1948, MS, 1972, Aquatic
Biol., 609-452-2300
Environmental Research; FMC Corp; Box 8;
Princeton, NJ 08540, US

PRINCIPAL FIELD: Microbial research as it
pertains to indicator organisms of
environmental pollution

COMPETENCE: Aquatic Ecology(2); Bacteriology(2);
Biostatistics(3); Environmental Pollution(1);
Limnology(2); Microbiology(2); Water
Resources Management(2)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (704)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(2,M)

<362>

Jahoda, John C., 1944, PhD, 1969, Mammalian
Ecology, 617-697-6161
Department of Biological Science; Bridgewater
State College; Bridgewater, MA 02324, US

PRINCIPAL FIELD: Environmental work in education,
pollution analysis and solid waste management

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Aquatic Ecology(3); Environmental
Pollution(1); Marine Biology(2); Population
Biology(2); Solid Waste Management(1)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
or city government; Local or regional
planning group; State government;
Conservation group

RESEARCH ACTIVITY ONE: Solid waste management
study-State of Massachusetts-Raytheon

RESEARCH ACTIVITY TWO: Survey of salt
marshes-Quincy, Massachusetts

RESEARCH ACTIVITY THREE: Vermont solid waste plan

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (115)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3,M);
Northeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,6; S,22

TABLE RESPONDENTS
(ALPHABETICAL LISTING)

<360>
James, Richard L., 1935, MS, 1961, Biology,
216-482-7300
Schuylkill Valley Nature Center; 8460 Peggy's
Mill Road; Philadelphia, PA 19128, US

COMPETENCE: Anatomy (2); Bacteriology (2);
Microbiology (1); Ornithology (2); Taxonomy (3);
Virology (3)

EXPERIENCE (AS CONSULTANT): Utility; Civic action
group; Conservation group; Professional
society

RESEARCH ACTIVITY ONE: Rocks Island Dam

RESEARCH ACTIVITY TWO: Limrick Nuclear Station

INTEREST IN WORKING WITH: Utility; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (3032)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic (16, M)

AVAILABILITY (DAYS PER MONTH): A, 2; S, 2

<364>
Jannack, Hugo A., 1926, PhD, 1953, Entomology,
518-474-5830
Dept. of Education; New York Science Service;
Washington Ave.; Albany, NY 12224, US

PRINCIPAL FIELD: Bloodsucking flies

COMPETENCE: Aquatic Ecology; Entomology;
Limnology; Parasitology (3); Pest Control (2);
Taxonomy (1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): State government;
United Nations; World Bank; DOD; EPW

RESEARCH ACTIVITY ONE: On chocerciasis control

RESEARCH ACTIVITY TWO: Microsporids on black flies

RESEARCH ACTIVITY THREE: Malaria control

INTEREST IN WORKING WITH: State government;
International Organizations; United Nations;
World Bank; U.S. Federal Government; DOD;
EPW; Other Governments (981)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (21, M);
Africa

AVAILABILITY (DAYS PER MONTH): A, 20; S, 20

<365>
Jeffers, Edmund P., 1912, PhD, 1964,
Microbiology, 412-358-6384
Grove City College; Box 508; Grove City, PA
16127, US

PRINCIPAL FIELD: Have Emphasized Freshwater
Ecology in Many Aspects Including Chemistry

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government; EPA,
1961

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government;
Conservation group; Montana sheep ranchers;
Private fisheries groups

RESEARCH ACTIVITY ONE: The ecology of the Birch
Lake area in Minnesota

RESEARCH ACTIVITY TWO: Pathology and histology of
fingerling trout in Montana

RESEARCH ACTIVITY THREE: Accelerated
eutrophication in a South Dakota lab.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Central American; South American
(1501)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; watershed, forest, range; Water
supply; Water quality control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (1, S); Rocky Mountain (11, M);
Southwest (2, S); North Central (16, M); South
Central (1); Middle Atlantic (3);
Southeast (2, M); Alaska (1, M)

AVAILABILITY (DAYS PER MONTH): A, 7; S, 30

<366>
Jeffries, Perry, 1929, PhD, 1959, Zoology,
401-792-6281
Grad. School of Oceanography; University of
Rhode Island; Bay Campus; Kingston, RI
02881, US

PRINCIPAL FIELD: Distribution and abundance of
coastal communities; effects of stress

COMPETENCE: Animal Ecology (3); Biochemistry (2);
Biostatistics (3); Fishery Biology (3);
Environmental Pollution (2); Marine
Biology (1); Oceanography (3); Plant
Ecology (3); Physiology (2); Systems Analysis (3)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Manufacturing

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government; Civic
action group; AEC; NSF

RESEARCH ACTIVITY ONE: A stress syndrome in the
hard clam

RESEARCH ACTIVITY TWO: Fatty acids in marine food
webs

RESEARCH ACTIVITY THREE: Long-term observations
on benthic fishes

INTEREST IN WORKING WITH: Manufacturing; Utility;
Local or regional planning group;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Central American; Canadian;
European, western; South America (2410)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (15, M);
Middle Atlantic (5, M)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 4

<367>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<367>

Jenkins, Charles R., 1930, PhD, 1964, Zoology,
304-293-3580
Dept. of Civil Engineering; West Virginia
University; Morgantown, WV 26505, US

PRINCIPAL FIELD: Biological aspect of waste
treatment effect of pollutants on environment

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(2); Fishery Biology(2); Environmental
Pollution(1); Limnology(2); Microbiology(2);
Plant Ecology(3); Water Resources
Management(3)

EXPERIENCE (AS EMPLOYEE): EPA

EXPERIENCE (AS CONSULTANT): Manufacturing;
Mining; County or city government; Local or
regional planning group; United Nations; EPA

RESEARCH ACTIVITY ONE: Reverse osmosis treatment
of mine drainage

RESEARCH ACTIVITY TWO: Roadside rest area study

RESEARCH ACTIVITY THREE: Safety in waste TRT.
Plants

INTEREST IN WORKING WITH: Manufacturing; Mining;
Transportation; Utility; Local Government;
Conservation group; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; International Organizations;
U.S. Federal Government; Other Governments
(1612)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Highways; Parks,
recreational facilities; Watershed, forest,
range; Water supply; Water supply; Water
quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(4);
North Central(3); South Central(1); Middle
Atlantic(1,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,5

<368>

Jenkins, Dale W., 1918, PhD, 1956, Ecology,
202-381-5946
Ecology Program; Smithsonian Institution; 955
L'Enfant Plaza; Washington, DC 20560, US

PRINCIPAL FIELD: Plant and animal distribution
abundance rarity ecological studies

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Aquatic Ecology(2);
Entomology(1); Environmental Pollution(2);
Limnology(2); Ornithology(2);
Parasitology(2); Plant Ecology(1); Population
Biology(2); Systematics(2); Virology(2);
Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDC; DOD

EXPERIENCE (AS CONSULTANT): Manufacturing; Local
or regional planning group; Conservation
group; Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
United Nations; World Bank; IUCN; WHO UNESCO;
USDA; CC; COE; HFW; USDI; NSF; OST; AID;
Asian; African; Central America; Canadian;
South American

RESEARCH ACTIVITY ONE: Wildlife indicators of
environment trends

RESEARCH ACTIVITY TWO: Natural area surveys

RESEARCH ACTIVITY THREE: Ecology of heavy metals

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Mining; County or city
government; Local or regional planning group;
State government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; Other Governments (340)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Forestry; Soil
erosion; Reservoirs/Dams; Watershed, forest,
range; Flood control; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); North Central(2,M);
Northeast(1); Middle Atlantic(1H,M);
Southeast(3,M); Central America(2); Canada,
eastern(1); South America(2)

AVAILABILITY (DAYS PER MONTH): A,3 plus Saturdays

<369>

Jenkins, Robert E., 1940, PhD, 1970, Ichthyology,
703-389-2351
Biology Dept.; Roanoke College; 343 Parkwood
Ave.; Salem, VA 24153, US

PRINCIPAL FIELD: Ichthyology; Systematics
distribution ecology behavior of fishes

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Ecology(2); Aquatic Ecology(2);
Fishery Biology(2); Environmental
Pollution(1); Limnology(2); Marine
Biology(3); Ornithology(3); Systematics(1);
Taxonomy(1)

EXPERIENCE (AS CONSULTANT): Utility; State
government; Conservation group; USOA

RESEARCH ACTIVITY ONE: Zoogeography east U.S.
freshwater fishes

RESEARCH ACTIVITY TWO: Survey rare endangered
fishes S.E. U.S.

RESEARCH ACTIVITY THREE: Preimpoundment surv.
pump storage project

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Central American;
Canadian; South American (64)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Channelization;
Reservoirs/Dams; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): South
Central(0,M); Northeast(4,M); Middle
Atlantic(7,M); Southeast(0,M); Canada,
eastern(0,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<370>
 Jernejcic, Frank A., 1945, MS, 1969, Fishery Biology, 304-366-5880
 Natural Resources; State of West Virginia; 1020 Fairmont Ave.; Fairmont, WV 26554, US

COMPETENCE: Animal Behavior(3); Animal Ecology(3); Aquatic Ecology(2); Biostatistics(3); Fishery Biology(1); Forestry(3); Environmental Pollution(3); Limnology(3); Population Biology(3); Water Resources Management(3); Wildlife Management(3)

EXPERIENCE (AS CONSULTANT): Construction; Mining; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; COE; USDI; Asian

INTEREST IN WORKING WITH: Local Government; Civic action group; Conservation group; International Organizations; COE; EPA; USDI; Other Governments (475)

IMPACT ASSESSMENT EXPERIENCE: Highways; Water Resource Development(GENL); Channelization; Reservoirs/Dams; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2,M); Northeast(3,M); Asia(0,1)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<371>
 Jewell, William J., 1941, PhD, 1968, Environmental Engineering, 802-656-3800
 Civil Engineering Dept.; University of Vermont; Burlington, VT 05401, US

PRINCIPAL FIELD: Water Pollution Control with Biological Processes

COMPETENCE: Environmental Pollution(2); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; Manufacturing; County or city government; Local or regional planning group; State government; EPA

RESEARCH ACTIVITY ONE: Pure oxygen use in biological wastewater treatment

RESEARCH ACTIVITY TWO: Denitrification of concentrated nitrate wastewaters

RESEARCH ACTIVITY THREE: Waterfront transportation and environmental resources

INTEREST IN WORKING WITH: Private Sector; Local Government; International Organizations; U.S. Federal Government; Other Governments (3644)

IMPACT ASSESSMENT EXPERIENCE: Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1,M); Southwest(1); Northeast(3,M); Europe, western(1,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<372>
 Jameson, Robert M., 1921, MS, 1965, Chemical Engineering, 202-386-5130
 Adviser on Environmental Quality; Federal Power Commission; 441 G St. NW; Washington, DC 20426, US

PRINCIPAL FIELD: Fuel, energy, air and water pollution control

COMPETENCE: Environmental Pollution(1); Systems Analysis(3); Water Resources Management(3); Air Pollution Control(3)

EXPERIENCE (AS EMPLOYEE): Mining; Utility; Conservation group; Professional society; EPA; REW; USDI

EXPERIENCE (AS CONSULTANT): Mining; Utility; Professional society; EPA; REW; USDI; NSP; OST; Mexican

RESEARCH ACTIVITY ONE: Solvent refined coal

RESEARCH ACTIVITY TWO: Environmental impact statements on various gas projects

RESEARCH ACTIVITY THREE: Environmental impact statement on hydroelectric project

INTEREST IN WORKING WITH: Local Government; conservation or Scientific Group; Professional society; The Nat'l Academy of Sciences; International Organizations; AEC; USDC; CC; COE; EPA; REW; USDI; NSF; OST; African; Central American; Canadian; European, western; South American; Mexican (4013)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Channelization; Dredging, filling; Reservoirs/Dams; Reservoir releases; Hydroelectric power; Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Northeast(9); Middle Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,5

<373>
 Johnson Michael D., 1945, PhD, 1970, Biology, 202-576-2553
 Dept. of Entomology WPAIK; Walter Reed Army Institute Research; Walter Reed Medical Center; Washington, DC 20012, US

PRINCIPAL FIELD: Insect diapause and phenology especially parasitic insects

COMPETENCE: Anatomy(3); Animal Behavior(3); Animal Ecology(1); Aquatic Ecology(2); Entomology(1); Environmental Pollution(3); Parasitology(3); Pest Control(2); Plant Ecology(2); Systematics(3); Taxonomy(3)

RESEARCH ACTIVITY ONE: Carrion insect ecology

RESEARCH ACTIVITY TWO: Culex Sp. diapause & geographic distribution

INTEREST IN WORKING WITH: Agriculture; Conservation or Scientific Group; U.S. Federal Government (1833)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1); North Central(2,M); Middle Atlantic(1)

<374>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<374>

Johnson, Andrew L., 1937, MFS, 1968, Ecology,
216-328-7601
Executive Director; Tri-County
Conservancy/Brandywine; Box 141; Chadds Ford,
PA 19317, US

PRINCIPAL FIELD: Land Use in Relation to
Ecological Stability - Ecosystem Management &
Preservation

COMPETENCE: Animal Behavior(3); Animal
Husbandry(2); Aquatic Ecology(3);
Forestry(2); Environmental Pollution(3);
Plant Ecology(1); Population Biology(3); Soil
Science(2); Systematics(3); Taxonomy(2);
Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Conservation group

EXPERIENCE (AS CONSULTANT): County or city
government; Civic action group; AEC; NSF

RESEARCH ACTIVITY ONE: Watershed management in
relation to growth

RESEARCH ACTIVITY TWO: Land Use planning -
environmental management

RESEARCH ACTIVITY THREE: Nutrient cycling in
forest ecosystem

INTEREST IN WORKING WITH: Agriculture;
Construction; Local Government; Conservation
or Scientific Group; International
Organizations; USDA; AEC; CC; COP; EPA; HEW;
OSDI; NSF; OST; DOT; African; Central
American; Canadian; European, eastern;
European, western; South American (65%)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Parks, recreational facilities;
Pesticides, herbicides; Soil erosion; Water
Resource Development (Genl); Reservoirs/Dams;
Watershed, forest, range; Flood control;
Water quality control; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(3); Southwest(1); North Central(2);
Northeast(4,M); Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<375>

Johnson, Farrel B., 1947, BS, 1970, Environmental
Health Sciences, 912-265-3446
Div. of Comm. & Sport Fisheries; 1510 Airlie
Road; Wilmington, NC 28401, US

PRINCIPAL FIELD: Fisheries management especially
estuarine systems and estuarine dependent
organisms

COMPETENCE: Animal Husbandry(2); Aquatic
Ecology(2); Bacteriology(2); Fishery
Biology(1); Food Sciences(2); Environmental
Pollution(2); Immunology(2); Limnology(2);
Marine Biology(1); Microbiology(2);
Oceanography(2); Parasitology(2);
Physiology(2); Reproductive Biology(2); Water
Resources Management(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; United
Nations; USDA; AEC; USDC; COP; DOD; EPA; HEW;
OSDI; NSF; OST; AID; DOT; African; Central
American; Canadian; European, western; South
American (400%)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion; Water Resource Development (GENL);
Channelization; Dredging, filling; Beach
nourishment; Reservoirs/Dams;
Canals/Channels; Flood control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,12; S,6

<376>

Johnson, James P., 1940, PhD, 1969, Zoology,
417-845-5281
Forestry & Wildlife Management; University of
Massachusetts; 204 Holdsworth Hall; Amherst,
MA 01002, US

PRINCIPAL FIELD: Aquatic ecology and fisheries
biology

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Fishery Biology(1); Limnology(2);
Population Biology(2); Systematics(3);
Taxonomy(3); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): State government; USDI

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; Conservation group

RESEARCH ACTIVITY ONE: Life history of *Dorosoma
petenense* in Arizona

RESEARCH ACTIVITY TWO: Population dynamics of
Alosa pseudoharengus

RESEARCH ACTIVITY THREE: *Alosa pseudoharengus*
population modeling

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; United Nations;
U.S. Federal Government; African; Central
American; Canadian; South American (2)

IMPACT ASSESSMENT EXPERIENCE: Highways; Tailings,
spoils disposal; Reservoir releases; Water
supply; Water quality control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(5,M);
North Central(3); Northeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,B; S,31

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<377>
Jonasch, John J., 1944, BA, 1967, Zoology,
617-366-4479
Mass. Div. of Fisheries & Game; Durham, NH, US

PRINCIPAL FIELD: Research & Management of Warm
Water Fishes

COMPETENCE: Anatomy(3); Animal Behavior(3);
Animal Ecology(2); Aquatic Ecology(2);
Entomology(3); Fishery Biology(2);
Environmental Pollution(3); Limnology(3);
Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Northfield MT. Pumped
Storage Hydro-Elec. Res. Fish Study

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (262)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Reservoirs/Dams;
Hydroelectric power; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M)

<378>
Jones, Fred L., 1924, MS, 1949, Zoology,
202-343-7375
Department of Interior; Bureau of Outdoor
Recreation; Interior Bldg.; Washington, DC
20240, US

PRINCIPAL FIELD: Life history research on wildlife

COMPETENCE: Animal Behavior(2); Animal
Ecology(2); Range Science(2); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYEE): State government; USDI

EXPERIENCE (AS CONSULTANT): Conservation group;
Professional society; United Nations; Asian

RESEARCH ACTIVITY ONE: Nationwide outdoor
recreation plan

RESEARCH ACTIVITY TWO: Desert Bighorn sheep book

RESEARCH ACTIVITY THREE: Expert on national parks
and wildlife management

INTEREST IN WORKING WITH: Private sector; Local
government; Conservation of scientific group;
International organizations; U.S. Federal
Government; Other governments (5)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(20,M); Middle Atlantic(5); Asia(1,M)

AVAILABILITY (DAYS PER MONTH): A,0; S,0

<379>
Jones, Walter A., AB, 1966, Biology, 201-766-2489
Environmental Sciences; Somerset
Environmental Education Center; Box 837;
Somerville, NJ 08876, US

PRINCIPAL FIELD: Wildlife Ecology & Population
Dynamics, Environmental Education

COMPETENCE: Agricultural Science(3); Anatomy(2);
Animal Behavior(2); Animal Ecology(1); Animal
Husbandry(3); Aquatic Ecology(2)3
Bacteriology(3); Fishery Biology(1);
Forestry(3); Environmental Pollution(3)3
Limnology(2); Microbiology(3) Ornithology(3);
Plant Ecology(3); Plant Pathology(3);
Physiology(2) Population Biology(2); Water
Resources Management(3); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYEE): County or city
government; Local or regional planning group;
State government; Conservation group

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
Civic action group; Conservation group

RESEARCH ACTIVITY ONE: Philosophy and Develop. of
Env. Eco. Center

RESEARCH ACTIVITY TWO: Feral Cat Predation &
Population Dynamics

INTEREST IN WORKING WITH: Private Sector;
Professional society; The Institute of
Ecology (TIE); The Nat'l Academy of Sciences
INRC; IUCN; COE; EPA; HEW; USDI (3965)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Forestry; Parks, recreational
facilities; Reservoirs/Dams; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(4,M); Northeast(4)

AVAILABILITY (DAYS PER MONTH): A,2; S,2-3

<380>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<380>

Jordan, Arthur J., 1946, PhD, 1972, Oceanography,
207-581-7941
Zoology Dept.; University of Maine; Murray
Hall; Orono, ME 04473, US

PRINCIPAL FIELD: Shallow marine echinoderm
biology-ecology holothurians (cold
water-boreal)

COMPETENCE: Anatomy (3); Animal Behavior (3);
Animal Ecology (1); Aquatic Ecology (3);
Bacteriology (3); Biostatistics (3);
Environmental Pollution (3); Marine
Biology (1); Microbiology (3); Oceanography (3);
Plant Ecology (3); Physiology (3); Reproductive
Biology (2); Systematics (3); Taxonomy (3)

RESEARCH ACTIVITY ONE: Ecology of LULUMARIA
ERONDOSA

RESEARCH ACTIVITY TWO: Intraspecific variation in
FOCUS VESICULOSUS

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1626)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5,M)

AVAILABILITY (DAYS PER MONTH): A, ?; S, 10

<381>

Judd, John H., 1934, PhD, 1969, Zoology,
315-342-1813
Great Lakes Research; New York State Sea
Grant Program; State University College;
Oswego, NY 13126, US

PRINCIPAL FIELD: Effect of pollution on benthic
organisms

COMPETENCE: Aquatic Ecology (2); Animal
Behavior (1); Biostatistics (1); Environmental
Pollution (2); Limnology (3); Pest Control (3);
Population Biology (3); Water Resources
Management (3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; County or
city government; State government; USDC; EPA

RESEARCH ACTIVITY ONE: Effects of dylox on
benthic macrofauna

RESEARCH ACTIVITY TWO: Effect of circulating
water systems Lake Ontario

RESEARCH ACTIVITY THREE: Ecological study of
three possible power sites plant

INTEREST IN WORKING WITH: Construction;
Manufacturing; Transportation; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; AEC; USDC; CC;
COE; EPA; HEW; USDI; NSF; OS; AID; DOT;
Other Governments (363)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central (13,M); Northeast (14,M); Great Lakes (M)

AVAILABILITY (DAYS PER MONTH): A, 4-8; S, 20

<382>

Kaczynski, Victor W., 1938, PhD, 1970, Aquatic
Ecology, 914-737-3081
Texas Instruments; P.O. Box 237; Buchanan, NY
10511, US

COMPETENCE: Animal Ecology (1); Aquatic
Ecology (1); Entomology (3); Fishery
Biology (2); Environmental Pollution (2);
Limnology (1); Marine Biology (1);
Oceanography (2); Parasitology (3); Population
Biology (1); Water Resources Management (3)

EXPERIENCE (AS EMPLOYEE): AEC; USDI; NSF

EXPERIENCE (AS CONSULTANT): Manufacturing;
Utility; County or city government; Local or
regional planning group; State government;
Conservation group; AEC; COE; DOD; EPA; USDI

RESEARCH ACTIVITY ONE: Environmental evaluation
of nuclear power plants

RESEARCH ACTIVITY TWO: Feeding habits of pink and
chum salmon

RESEARCH ACTIVITY THREE: Secondary production of
marine pelagic zooplankton

INTEREST IN WORKING WITH: Private Sector;
Manufacturing; Utility; Local Government;
County or city government; Local or regional
planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology (TIE); The National Academy of
Sciences; International Organizations; United
Nations; U.S. Federal Government; AEC; USDI;
Other Governments (441)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides,
herbicides; Water Resource Development (genl);
Reservoirs/Dams; Coastal protection/leaves;
Hydroelectric power; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation; Nuclear power plants
(water)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (3,M); Northeast (6,M)

AVAILABILITY (DAYS PER MONTH): A, 30; S, 30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<383>

Kardos, Louis T., 1910, PhD, 1937, Soil Chemistry, 814-865-1169
Department of Agronomy; Pennsylvania State University; 218 Tyson Bldg.; University Park, PA 16802, US

PRINCIPAL FIELD: Physical and chemical phenomena in soils

COMPETENCE: Agronomy(1); Agricultural Science(2); Environmental Pollution(2); Soil Science(1); Water Resources Management(2)

EXPERIENCE (AS CONSULTANT): Agriculture; Construction; Manufacturing; Utility; Local or regional planning group

RESEARCH ACTIVITY ONE: Wastewater disposal on the land

RESEARCH ACTIVITY TWO: Sludge disposal on the land

RESEARCH ACTIVITY THREE: Soils for wastewater disposal

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (409)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil erosion; Tailings, spoils disposal; Irrigation; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(7); Northeast(11); Middle Atlantic(18)

AVAILABILITY (DAYS PER MONTH): A,5; S,15

<384>

Katona, Steven K., PhD, 1971, Biology
College of the Atlantic; Eden St.; Bar Harbor, MA 04609, US

COMPETENCE: Animal Behavior(2); Animal Ecology(2); Limnology(2); Plankton(1); Marine Biology(1); Oceanography(2); Plant Ecology(3); Physiology(3); Population Biology(3); Systematics(3); Whales(2)

EXPERIENCE (AS CONSULTANT): Manufacturing; Local or regional planning group; Civic action group; Conservation group

RESEARCH ACTIVITY ONE: Marine plankton studies

RESEARCH ACTIVITY TWO: Endangered species studies

INTEREST IN WORKING WITH: Manufacturing; Local or regional planning group; Conservation group; Professional society; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; IUCN; U.S. Federal Government; EPA; USDI; Canadian (2517)

IMPACT ASSESSMENT EXPERIENCE: Channelization; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2); Northeast(F,M); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,3

<385>

Keefer, Scott D., 1945, MS, 1970, Ecology, 215-921-2150
Box 575 R.D. #1; Temple, PA 19560, US

PRINCIPAL FIELD: Physiological ecology & comprehensive environmental planning

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): County or city government

EXPERIENCE (AS CONSULTANT): Manufacturing; Local or regional planning group

RESEARCH ACTIVITY ONE: Solid waste management plan Berks County

RESEARCH ACTIVITY TWO: Local government plan

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; U.S. Federal Government (1413)

IMPACT ASSESSMENT EXPERIENCE: Airports; Highways Parks, recreational facilities; Soil erosion; Tailings, spoils disposal; Reservoirs/Dams; Watershed, forest, range; Flood control; Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3,M); Middle Atlantic-(3,M); Southeast(M)

AVAILABILITY (DAYS PER MONTH): A,all; S,all

<386>

Keenan, John D., 1944, PhD, 1972, Sanitary Sci., 215-594-5710
Civil Engineering; University of Pennsylvania; 113 Towne Bldg.; Philadelphia, PA 19104, US

PRINCIPAL FIELD: Microbiology-physiological ecology-algae and bacteria

COMPETENCE: Aquatic Ecology(2); Bacteriology(2); Biostatistics(3); Environmental Pollution(2); Limnology(3); Marine Biology(3); Microbiology(1); Nutrition(3); Virology(3); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Methane production - anaerobic digestion

RESEARCH ACTIVITY TWO: Effects of pH, inorganic and organic-P

RESEARCH ACTIVITY THREE: Biological advisor

INTEREST IN WORKING WITH: Manufacturing; Utility; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; EPA; HEW (528)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,2A

<387>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<387>
Keller, Edward C. Jr., 1932, PhD, 1961, Genetics,
304-293-5394
Biology Department; West Virginia University;
200 Brooks Hall; Morgantown, WV 26506, US

PRINCIPAL FIELD: Population biology

COMPETENCE: Agronomy(3); Animal Behavior(3);
Aquatic Ecology(1); Bacteriology(3);
Biostatistics(1); Environmental Pollution(2);
Genetics(1); Marine Biology(3);
Microbiology(2); Population Biology(2); Water
Resources Management(3)

RESEARCH ACTIVITY ONE: Thermal-acid drainage
sewage interactions on prim prod

RESEARCH ACTIVITY TWO: Taconite dumping Lake
Superior

RESEARCH ACTIVITY THREE: Ecological water quality
analyses rivers-lakes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3752)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Tailings, spoils
disposal

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3); Middle Atlantic(5,M); Southeast(3)

AVAILABILITY (DAYS PER MONTH): A,4.5; S,4.5

<388>
Kelley, Roger W., Jr., 1930, MS, 1954,
Entomology, 203-247-8870
Northeast Pest Control Co.; 1093 Capitol
Avenue; Hartford, CT 06106, US

PRINCIPAL FIELD: Pest Control: Urban Vermin
Control

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): County or city
government; State government

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; County or city
government; Local or regional planning group;
Civic action group; Conservation group;
Professional society; RUD

RESEARCH ACTIVITY ONE: Clay Hill vermin control
project

RESEARCH ACTIVITY TWO: Gov. com/develop
environmental policy for CT

RESEARCH ACTIVITY THREE: pesticide control
legislation for CT

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1354)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development(Genl); Dredging,
filling; Watershed, forest, range; Reservoir
releases; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.5); Northeast(17); Southeast(1);
Asia(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,3

<389>
Kellogg, Charles W., 1943, PhD, 1971, Zoology,
617-683-7111
Biology Department; Merrimack College; North
Andover, MA 01845, US

PRINCIPAL FIELD: Factors controlling the
distribution and abundance of organisms

COMPETENCE: Animal Behavior(1); Animal
Ecology(1); Aquatic Ecology(1); Environmental
Pollution(3); Genetics(3); Limnology(1);
Marine Biology(1); Oceanography(1);
Ornithology(2); Plant Ecology(3);
Physiology(3); Population Biology(1);
Systematics(3)

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (485)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3);
Middle Atlantic(4)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<390>
 Kelly, Mahlon G., 1939, PhD, 1968, Biology,
 703-924-3761
 Environmental Sciences; Univ. of Virginia;
 Charlottesville, VA, US

PRINCIPAL FIELD: Analysis of productivity fresh
 water also remote sensing shallow marine

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS CONSULTANT): County or city
 government; Conservation group

RESEARCH ACTIVITY ONE: Automated analysis of
 fresh water productivity

RESEARCH ACTIVITY TWO: Remote sensing shallow
 marine communities

RESEARCH ACTIVITY THREE: Dinoflagellate lumines-
 cence

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1645)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development (Genl); Reservoirs/Dams;
 Canals/Channels; Watershed, forest, range;
 Reservoir releases; Hydroelectric power;
 Navigation; Flood control; Irrigation; Water
 supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (7);
 Middle Atlantic (2,M); Southeast (1); Asia (1);
 Oceans

AVAILABILITY (DAYS PER MONTH): A,4; S,5

<391>
 Kelly, Robert E., 1944, PhD, 1944, Zoology,
 202-462-4400
 Quality Environment Prog.; Resources for the
 Future, Inc.; 1755 Mass Ave. NW; Washington,
 DC 20036, US

COMPETENCE: Aquatic Ecology (1); Environmental
 Pollution (2); Limnology (3); Systems
 Analysis (2)

RESEARCH ACTIVITY ONE: Fluctuating temperature
 effects on ecosystems

RESEARCH ACTIVITY TWO: Ecosystem modelling,
 Delaware estuary

INTEREST IN WORKING WITH: Agriculture; Local
 Government; Conservation or Scientific Group;
 USDA; USDC; COE; EPA; USDI; NSF; OST (366)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic (2,M); Southeast (5)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<392>
 Kessell, Stephen R., 1949, BA, 1972, Ecology,
 607-256-3017
 224 Langmuir Lab.; Ecology & Systematics;
 Cornell University; Ithaca, NY 14850, US

PRINCIPAL FIELD: Ecological models - simulation,
 plant ecology/management

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): State government; Civic
 action group; Conservation group; NSF

EXPERIENCE (AS CONSULTANT): County or city
 government; local or regional planning group;
 State government; Civic action group;
 Conservation group; USDI

RESEARCH ACTIVITY ONE: Model of forests of
 Glacier National Park

RESEARCH ACTIVITY TWO: Eastern hemlock in
 deciduous forests

RESEARCH ACTIVITY THREE: Management impacts upon
 Connecticut River

INTEREST IN WORKING WITH: Local Government;
 Conservation or Scientific Group; U.S.
 Federal Government (1577)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Forestry; Parks,
 recreational facilities; Water Resource
 Development (GENL); Channelization;
 Reservoirs/Dams; Watershed, forest, range;
 Hydroelectric power; Navigation; Flood
 control; Irrigation; Water supply; Water
 quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
 Mountain (0.5,M); Northeast (0.5,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,0

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<395>
Keup, Lowell, F., 1935, MS, 1958, Fisheries,
703-557-7744
Water Programs Operations; Environmental
Protection Agency; Washington, DC 20460, US
PRINCIPAL FIELD: Water Quality and Water Supply
Protection Character of Natural Waters &
Pollutants
COMPETENCE: Respondent lists 16 or more
scientific fields
EXPERIENCE (AS EMPLOYEE): EPA; HEW; USOI
EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Conservation group;
Professional society; The Nat'l Academy of
Sciences; USDA; USDC; COE; AID
RESEARCH ACTIVITY ONE: Water quality protection &
supply program
RESEARCH ACTIVITY TWO: Port Royal estuarine study
RESEARCH ACTIVITY THREE: Lake Sebasticook
eutrophication
INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (756)
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Soil erosion;
Tailings, spoils disposal; Water Resource
Development (Genl); Reservoirs/Dams;
Canals/Channels; Reservoir releases;
Hydroelectric power; Flood control;
Irrigation; Water supply; Water quality
control; Fish & Wildlife conservation
GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
South Central(1); Northeast(1); Middle
Atlantic(1); Southeast(2)
AVAILABILITY (DAYS PER MONTH): A,2; S,2
<394>
Shattat, Padhill R., MS, 1965, Zoology
Environmental Quality Testing Company; 5655
Oregon Avenue; Baltimore, MD 21227, US
COMPETENCE: Respondent lists 16 or more
scientific fields
EXPERIENCE (AS EMPLOYEE): World Health
Organization; African (WHO); Middle East
EXPERIENCE (AS CONSULTANT): EPA
RESEARCH ACTIVITY ONE: Acute Toxicity of
Pesticides to Pstur. Copepods
RESEARCH ACTIVITY TWO: Screening of Sat.
Hydrocarbon as Poultry Miticides
RESEARCH ACTIVITY THREE: Evaluation of
Antimalarial Compounds in Inf. Monkeys
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (129)
IMPACT ASSESSMENT EXPERIENCE: Dredging, filling
GEOGRAPHIC FAMILIARITY (YEARS): Southeast(8,M);
South Pacific(0.25)
AVAILABILITY (DAYS PER MONTH): A,5; S,1
Government; Conservation group; Professional
society; The Institute of Ecology (TIE); The
Nat'l Academy of Sciences; International
Organizations; USDA; USDC; COE; EPA; HEW;
AID; Asian; African (WHO); South American
(1148)
IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Canals/Channels;
Water quality control
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4);
Middle Atlantic(7,M); Africa(6,M); Mid East
AVAILABILITY (DAYS PER MONTH): A,10; S,10
<395>
Kinsey, Kenneth P., 1944, PhD, 1972, Biology,
401-831-6600, Ext. 357
Biology 104 Clark Science; Rhode Island
College; 600 Mt. Pleasant Ave.; Providence,
RI 02908, US
PRINCIPAL FIELD: Social behavior, organization of
vertebrates, behavioral ecology of mammals
COMPETENCE: Anatomy(3); Animal Behavior(1);
Animal Ecology(3); Behavioral Ecology;
Population Biology(3)
RESEARCH ACTIVITY ONE: Social organization in
neotoma fuscipes
RESEARCH ACTIVITY TWO: Social organization in
neotoma floridans
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1980)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2,M); North Central(4,M)
<396>
Kirby-Smith, William W., 1942, PhD, 1970,
Zoology, 919-728-2111
Duke University; Duke Marine Laboratory;
Beaufort, NC 28516, US
PRINCIPAL FIELD: Aquaculture of Marine
suspension-feeders
COMPETENCE: Animal Ecology(3); Aquatic
Ecology(3); Fishery Biology(2); Marine
Biology(1); Nutrition(2); Physiology(3);
Taxonomy(2)
RESEARCH ACTIVITY ONE: Water current and scallop
growth
RESEARCH ACTIVITY TWO: Food concentration and
scallop growth
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (129)
IMPACT ASSESSMENT EXPERIENCE: Dredging, filling
GEOGRAPHIC FAMILIARITY (YEARS): Southeast(8,M);
South Pacific(0.25)
AVAILABILITY (DAYS PER MONTH): A,5; S,1

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<397>
Kirk, Billy E., 1927, PhD, 1957, Microbiology,
304-293-2279
Dept. of Microbiology; West Virginia
University Medical Center; Morgantown, WV
26506, US

PRINCIPAL FIELD: Immunology and pathology of
animal virus diseases

COMPETENCE: Bacteriology(2); Immunology(2);
Microbiology(2); Virology(1)

RESEARCH ACTIVITY ONE: Lymphocytic
choriomeningitis virus research

RESEARCH ACTIVITY TWO: Effect of lead in
oncogenesis

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (1943)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(15); Southeast(8)

AVAILABILITY (DAYS PER MONTH): A,1; S,5

<398>
Kirkland, Gordon L., Jr., 1943, PhD, 1969,
Zoology, 717-532-9121 (ext. 437)
Dept. of Biology, The Vertebrate Museum;
Shippensburg State College; Franklin Science
Center; Box F-207; Shippensburg, PA 17257, US

PRINCIPAL FIELD: Ecology and systematics of small
mammals in Eastern North America

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government

EXPERIENCE (AS CONSULTANT): Mining

RESEARCH ACTIVITY ONE: Microhabitat selection in
small mammals at the coniferous-deciduous
ecotone

RESEARCH ACTIVITY TWO: Ecology of small mammals
on iron-titanium mine waste dumps in the
Adirondack mountains

RESEARCH ACTIVITY THREE: The biology of the
cloudland deer mouse PEPOMYSCUS MANICULATUS
SUBTERRANEAE: systematics and distribution

INTEREST IN WORKING WITH: Agriculture; Mining;
Local Government; Conservation or Scientific
Group; USDA; USDC; COE; EPA; USDI; NSF;
Canadian; European, eastern (1034)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Middle Atlantic(25)

AVAILABILITY (DAYS PER MONTH): A,4; S,10-20

<399>
Klattenberg, Ronald P., 1947, MS, 1973, Pollution
Biol, 203-423-8374
Environmental Engineering; Water Resource
Institute of Conn.; Storrs, CT 06268, US

PRINCIPAL FIELD: Effects of pollution on aquatic
ecosystems

COMPETENCE: Aquatic Ecology(1); Biostatistics(3);
Entomology(3); Environmental Pollution(1);
Limnology(2); Marine Biology(2);
Ornithology(3); Population Biology(2); Water
Resources Management(2)

RESEARCH ACTIVITY ONE: Effect of Organic
Enrichment on Benthicfauna

RESEARCH ACTIVITY TWO: Occurrence of
Symbiocladius EQUITANS in Connecticut

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (60)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<400>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<400>

Klonick, Allan S., 1920, None, 1941, Forestry,
716-325-3890
901 Sibley Tower Bldg.; Rochester, NY 14604,
US

PRINCIPAL FIELD: I Have a keen knowledge and
competence in general ecology with accent in
ornithology

COMPETENCE: Forestry(3); Environmental
Pollution(3); Ornithology(2); Taxonomy(3);
Water Resources Management(3); Wildlife
Management(3)

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Transportation; Utility; County
or city government; Local or regional
planning group; State government;
Conservation group; Professional society;
TIP; The Nat'l Academy of Sciences INRC; USDC;
COE; DOD; EPA; HUD; USDI; NSP; OST; DOT

RESEARCH ACTIVITY ONE: Appraisal of a summer camp
Lake Erie, Near Buffalo, NY

RESEARCH ACTIVITY TWO: Park land acquisition

RESEARCH ACTIVITY THREE: Finger Lakes State Park,
Keuka Lake, NY

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; USDC; COE; DOD;
EPA; EPA; HUD; USDI; NSP; OST; DOT; Other
Governments (535)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Pesticides,
herbicides; Soil erosion; Tailings, spoils
disposal; Water Resource Development (Genl);
Shoreline protection; Fish & Wildlife
conservation; Appraisal of Real Property

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (30,M);
Southeast(1,M); Europe, western(2)

AVAILABILITY (DAYS PER MONTH): S, 10

<401>

Knoll, H.A., 1930, PhD, 1963, Agronomy,
914-939-8410
7M Laboratories Inc.; 500 Executive
Boulevard; Elmsford, NY 10523, US

PRINCIPAL FIELD: The application of agricultural
chemicals, i.e. the use of pesticides and
fertilizers and their effect on the
environment

COMPETENCE: Agronomy(1); Agricultural Science(1);
Entomology(1); Horticulture(2); Pest
Control(1); Plant Pathology(2); Soil
Science(1)

EXPERIENCE (AS EMPLOYEE): Agriculture

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1599)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(17,M);
Asia(2); Europe, western(5)

<402>

Koesterer, Martin G., 1933, MS, 1957,
Microbiology, 215-962-5654
Life Science Operation Department; General
Electric Company; P.O. Box 8555;
Philadelphia, PA 19101, US

PRINCIPAL FIELD: Microbial containment control
of closed environments & plant effluents

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Manufacturing; Local or
regional planning group

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; Utility; Local
or regional planning group; Professional
society; The Nat'l Academy of Sciences;
International Union of Biological Sciences &
Cospar; USDA; AEC; COE; EPA; HEW; USSR

RESEARCH ACTIVITY ONE: Design incinerator for Bio
Agents

RESEARCH ACTIVITY TWO: Waste Management System
Effluents/Recycling

RESEARCH ACTIVITY THREE: Microbial Hazards
Biomedical Environments

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology(TIE) The Nat'l Academy of Science,
INRC; United Nations; International Union of
Biological Science & COSPAR; U.S. Federal
Government (83)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal, Water Resource Development (Genl);
Water quality control, Biosphere Macro

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M)
Middle Atlantic

AVAILABILITY (DAYS PER MONTH): A, 5; S Open

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<403>

Kramer, Paul J., 1904, PhD, 1931, Botany,
919-684-2359
Botany; Duke University; Durham, NC 27706, US

PRINCIPAL FIELD: Plant Water Relations; Tree
Physiology

COMPETENCE: Environmental Pollution(2); Plant
Ecology(2); Plant Physiology(1)

EXPERIENCE (AS EMPLOYEE): NSF

EXPERIENCE (AS CONSULTANT): State government;
AEC; DOD; NSF

RESEARCH ACTIVITY ONE: Measurement of water
stress in plants

RESEARCH ACTIVITY TWO: Salt and water absorption

RESEARCH ACTIVITY THREE: Effect of flooding on
swamp forest

INTEREST IN WORKING WITH: U.S. Federal Government
(2360)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1);
North Central(5); Southeast(40)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<404>

Kricher, John C., 1944, PhD, 1970, Zoology,
617-285-7722
Biology; Wheaton College; Norton, MA 02766,
US

PRINCIPAL FIELD: Animal Ecology, Species
Diversity, Ornithology, Ecosystem Development

COMPETENCE: Respondent lists 16 or more
scientific fields

RESEARCH ACTIVITY ONE: Bird Species Diversity and
Secondary Succession

RESEARCH ACTIVITY TWO: Effect of DDT on
Chlorella-Daphnia Ecosystem

RESEARCH ACTIVITY THREE: Effect of Mirex on
Secondary Succession

INTEREST IN WORKING WITH: Agriculture; Local or
regional planning group; Conservation or
Scientific Group; International
Organizations; USDA; AEC; COE; EPA; DSDI;
Other Governments (3109)

IMPACT ASSESSMENT EXPERIENCE: Highways;
Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M);
Middle Atlantic(4,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,3

<405>

Kroger, Richard L., 1940, MS, 1967, Fisheries,
919-720-4595
National Marine Fish. Serv.; Aglanoic
Estuarine Fisheries Center; Piver's Island;
Beaufort, NC 28516, US

PRINCIPAL FIELD: Fisheries and Aquatic Biology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA;
USDC; USDI

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Manhaden migrations

RESEARCH ACTIVITY TWO: Manhaden parasites

RESEARCH ACTIVITY THREE: Effects of fluctuating
water levels

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(1223)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Reservoir releases; Flood control;
Irrigation; Water supply; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(2,M); North Central(M); South
Central(M); Northeast(M); Middle Atlantic(M);
Southeast(6,M)

<406>

Kuenzler, Edward J., 1929, PhD, 1959, Zoology,
919-966-1561
Environmental Sciences Dept.; University of
North Carolina; Chapel Hill, NC 27514, US

PRINCIPAL FIELD: Phosphorus cycling in natural
marine and estuarine systems

COMPETENCE: Agricultural Science(3); Animal
Ecology(1); Aquatic Ecology(1); Marine
Biology(3); Oceanography(1); Ornithology(3);
Population Biology(3)

EXPERIENCE (AS EMPLOYEE): AEC; USDC; NSF

EXPERIENCE (AS CONSULTANT): NSF

RESEARCH ACTIVITY ONE: Ecology of Brackish Ponds
receiving sewage

RESEARCH ACTIVITY TWO: Dissolved Organic
Phosphorus from Phytoplankton: DUR 48

RESEARCH ACTIVITY THREE: Mosquito Control Ditches
in saltmarshes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (70)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1);
Northeast(6,M); Southeast(12,M); Asia(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<407>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<407>

Kutscheld, Ben B., 1943, MS, 1970, Plant Ecology,
304-529-2311
Engineering Division; Army Corps of
Engineers; 8th Street at 5th Avenue;
Huntington, WV, US

PRINCIPAL FIELD: Planning and directing
environmental analysis of federal resource
development

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; County or
city government; State government; COE

EXPERIENCE (AS CONSULTANT): Agriculture

RESEARCH ACTIVITY ONE: Kehoe Lake land
requirements plan

RESEARCH ACTIVITY TWO: Willow Island locks and
dam - Env. Impact Statement

RESEARCH ACTIVITY THREE: Environmental Analysis
of Salt Creek Lake Scope & Study Plan

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (379)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Parks, recreational facilities;
Soil erosion; Tailings, spoils disposal;
Water Resource Development(Genl);
Channelization; Dredging, filling;
Reservoirs/Dams; Levees/dikes;
Canals/Channels; Watershed, forest, range;
Reservoir releases; Hydroelectric power;
Navigation; Flood control; Water supply;
Water quality control; Shoreline protection;
Fish & Wildlife conservation; Natural Areas

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
South Central(3,M)

<408>

LaPastille, Anne, 1933, PhD, 1968,
Wildlife/Ecology, 202-381-5946
Ecology Program; Smithsonian Institute;
L'Enfant Plaza; Washington, DC 20560, US

PRINCIPAL FIELD: Ecology and management of
wildlife especially rare and endangered
species, and in Latin America and Caribbean

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Forestry(3); Marine Biology(3);
Ornithology(1); Wildlife Management(1)

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government; IUCN; World
Wildlife Fund; National Geographic; Intern.
Council Bird Preservation; Central American

RESEARCH ACTIVITY ONE: Ecological survey Volcano
Baru proposed national park, Panama

RESEARCH ACTIVITY TWO: Wildlife survey, Anegada

Island, British Virgin Islands

RESEARCH ACTIVITY THREE: Ecology and
conservation, Atitlan Greve,

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (878)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(2); Northeast(12,M); Central
America(4,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<409>

Lammers, William T., 1931, PhD, 1958, Biology,
704-892-8533
Biology Department; Davidson College;
Davidson, NC 28036, US

PRINCIPAL FIELD: Density-gradient centrifugation
of suspended and colloidal particles in water

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): AEC; HEW; TVA

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; United Nations; World Bank;
USDA; AEC; USDC; CC; COE; DOD; EPA; HEW; HUD;
USDI; NSP; OST; AID; DOT; Asian; African;
Central American; Canadian; European,
eastern; European, western; South American;
TVA

RESEARCH ACTIVITY ONE: Biophysical Limnology

RESEARCH ACTIVITY TWO: Reaeration of Cherokee
Reservoir

RESEARCH ACTIVITY THREE: Bacterial Diseases of
water milfoil

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; USDA; AEC; USDC; CC; HEW; Other
Governments (243)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water Resource Development
(Genl); Reservoirs/Dams; Reservoir releases;
Water quality control; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(15)

AVAILABILITY (DAYS PER MONTH): A,10; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<410>

Lanese, John G., 1933, PhD, 1962, Analytical Chemistry, 518-239-6901
Director, Analytical Labs; Stiefel Research Institute; Oak Hill, NY 12460, US

PRINCIPAL FIELD: Analytical chemistry

COMPETENCE: Biochemistry(2); Environmental Pollution(3)

EXPERIENCE (AS EMPLOYEE): County or city government; State government; DCD; NSP

EXPERIENCE (AS CONSULTANT): Agriculture; Manufacturing; County or city government; State government; DOD

RESEARCH ACTIVITY ONE: Oxidation - reduction of porphins

RESEARCH ACTIVITY TWO: Water analysis

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1925)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (1,M); North Central(5,M); Northeast(9,M); Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<411>

Langan, William B., 1913, PhD, 1942, Zoology, 215-527-2100
Dept. of Biology; Villanova University; Villanova, PA 19085, US

PRINCIPAL FIELD: Cardiac Electrophysiology; Reproductive Endocrinology

COMPETENCE: Biophysics(2); Reproductive Biology(1)

RESEARCH ACTIVITY ONE: Physiologist - effect of smoke on cell potentials

INTEREST IN WORKING WITH: Local Government; U.S. Federal Government (977)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(20,M)

AVAILABILITY (DAYS PER MONTH): A,8

<412>

Lanier, Gerald N., 1937, PhD, 1967, Entomology, 315-476-3151
Dept. of Entomology; College of Environmental Sciences & Forestry; State of New York; Syracuse, NY 13210, US

PRINCIPAL FIELD: Biosystematics of Bark Beetles

COMPETENCE: Entomology(1); Forestry(2); Genetics(2); Pest Control(3); Systematics(1); Taxonomy(1)

RESEARCH ACTIVITY ONE: Biosystematics of bark beetles

RESEARCH ACTIVITY TWO: Attractant pheromone of the European Elm Bark beetle

RESEARCH ACTIVITY THREE: Genetics of pheromone specificity

INTEREST IN WORKING WITH: Agriculture; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3525)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(7,M); Northeast(2); Canada, western(4,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,5

<413>

Lanier, James A., 1941, MA, 1972, Marine Science, 703-642-2111
Information and Education; Virginia Institute of Marine Science; Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Public Education in Marine Science

COMPETENCE: Animal Behavior(2); Animal Ecology(3); Aquatic Ecology(2); Biostatistics(3); Fishery Biology(1); Environmental Pollution(2); Marine Biology(2); Oceanography(2); Population Biology(3); Reproductive Biology(3)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Catfish management in the James River, Virginia

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (923)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (Genl); Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(9,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<414>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<414>

Lanza, Guy R., 1939, PhD, 1972, Ecology
Office of Environmental Science; Smithsonian
Institution; L'Enfant Plaza; Washington, DC
20560, US

PRINCIPAL FIELD: Aquatic Ecology; Environmental
Pollution Infectious Diseases

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(1); Bacteriology(3); Environmental
Pollution(1); Immunology(3); Limnology(1);
Microbiology(3); Parasitology(1); Plant
Ecology(2); Physiology(3); Population
Biology(3); Soil Science(3); Veterinary
Science(1); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): State government; Civic
action group; Conservation group; AID

EXPERIENCE (AS CONSULTANT): Asian

RESEARCH ACTIVITY ONE: Thermal effects on aquatic
organisms

RESEARCH ACTIVITY TWO: Biological control in
tropical ponds

RESEARCH ACTIVITY THREE: Mekong River ecology

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; AEC; USDC;
CC; COE; EPA; HPW; HUD; USDI; NSP; OST; DOT;
Other Governments (3645)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M);
Middle Atlantic(2,M); Southeast(2,M);
Asia(1.5,M)

<415>

LaRoche, Germain E., 1926, PhD, 1969, Botany,
914-256-0755
281 Route 32 South; New Paltz, NY 12561, US

PRINCIPAL FIELD: Terrestrial plant ecology and
taxonomy

COMPETENCE: Agricultural Science(3); Forestry(3);
Horticulture(3); Plant Ecology(1); Range
Science(3); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Determine Speed of
Germination in seeds of aquilegia

RESEARCH ACTIVITY TWO: Use of reciprocal
transplants in genecology

RESEARCH ACTIVITY THREE: Physiological ecology of
aquilegia

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Central American; Canadian;
European, eastern; European, western; South
American (1584)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12);
Middle Atlantic(1); Europe, western(0.2)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<416>

Larson, Joseph S., 1933, PhD, 1966, Zoology,
413-545-2757
Forestry and Wildlife Mgt.; University of
Massachusetts; Roldsworth Hall; Amherst, MA
01002, US

PRINCIPAL FIELD: Freshwater wetland ecology and
management

COMPETENCE: Animal Behavior(2); Animal
Ecology(2); Aquatic Ecology(3); Forestry(3);
Limnology(3); Ornithology(3); Plant
Ecology(3); Population Biology(3); Water
Resources Management(2); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYEE): County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society;
USDA; USDI

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group

RESEARCH ACTIVITY ONE: Model for public mgt. of
freshwater wetlands

RESEARCH ACTIVITY TWO: Social behavior in beaver

RESEARCH ACTIVITY THREE: Forest Wildlife Mgt.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3178)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Watershed, forest, range;
Flood control; Water supply; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(9,M);
Middle Atlantic(4); Southeast(3)

AVAILABILITY (DAYS PER MONTH): A,6; S,20

<417>

Larson, Richard A., 1941, PhD, 1968, Organic
Chemistry, 215-268-2153
R D #1, Box 512; Avondale, PA 19311, US

PRINCIPAL FIELD: Natural products, phytochemistry

COMPETENCE: Aquatic Ecology(2); Biochemistry(2);
Microbiology(2); Plant Ecology(3); Organic
Chem.(1)

RESEARCH ACTIVITY ONE: Organic compounds in a
Pennsylvania stream

RESEARCH ACTIVITY TWO: Indole alkaloid
biosynthesis

RESEARCH ACTIVITY THREE: Pigments of
centrospermae plants

INTEREST IN WORKING WITH: Agriculture; Utility;
Local Government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; Other Governments (1428)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2);
North Central(4); Middle Atlantic(1); Europe,
western(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<418>

Lazell, Jr., James D., 1939, PhD, 1970, Zoology,
617-259-9500
Scientific Staff; Massachusetts Audubon
Society; Drumlin Farm; Lincoln, MA 01773, US

PRINCIPAL FIELD: Ecology and systematics of
coastal and insular terrestrial vertebrates

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Ecology(1); Aquatic Ecology(2);
Environmental Pollution(2); Herpetology(2);
Paleontology(2); Pest Control(2); Plant
Ecology(2); Population Biology(2);
Systematics(2); Taxonomy(2); Mammalogy(2)

EXPERIENCE (AS EMPLOYEE): Civic action group;
Conservation group; USDI

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group; Professional society;
USDI; West Indies

RESEARCH ACTIVITY ONE: Biogeography of the Cape
Cod region, Mass.

RESEARCH ACTIVITY TWO: Biogeography of the outer
banks, North Carolina

RESEARCH ACTIVITY THREE: The isolated forms of
raccoons

INTEREST IN WORKING WITH: County or city
government; Conservation or Scientific Group;
United Nations; USDA; COE; EPA; USDI; NSF;
Central American; West Indies (1411)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Channelization; Dredging, filling;
Beach nourishment; Coastal
protection/jetties; Canals/Channels;
Watershed, forest, range; Water quality
control; Shoreline protection; Fish &
Wildlife conservation; Pest control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6);
Middle Atlantic(3); Southeast(2); Central
America(0.5); West Indies(3)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<419>

LeBaron, Homer M., 1926, PhD, 1960, Agronomy,
914-694-6789
CIFA-Geigy Corp.; Saw Mill Fiver Road;
Ardley, NY 10502, US

PRINCIPAL FIELD: Physiological effects, mode of
action, and fate of herbicides in the
environment

COMPETENCE: Agronomy(2); Agricultural Science(2);
Environmental Pollution(2); Pest Control(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Physiological effects of
herbicides on quackgrass

RESEARCH ACTIVITY TWO: Use of herbicides in
ornamental crop

RESEARCH ACTIVITY THREE: Use of herbicides around
military installations

INTEREST IN WORKING WITH: Private Sector;
International Organizations; U.S. Federal
Government; Asian; Canadian; European,
eastern; European, western (1590)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Soil erosion;
Irrigation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(M); Rocky Mountain(2,M);
Northeast(12,M); Middle Atlantic(4,M);
Canada, western(M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3 (yearly
average)

<420>

Leck, Charles F., 1944, PhD, 1970, 201-932-2815
Zoology; Rutgers University; New Brunswick,
NJ 08903, US

PRINCIPAL FIELD: Avian Ecology

COMPETENCE: Animal Ecology(3); Ornithology(1)

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (3367)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8);
Central America(3)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<421>

Lee, Richard, 1926, PhD, 1962, Forest Hydrology,
304-293-2391
Forestry; West Virginia University; 337 E;
Morgantown, WV 26506, US

PRINCIPAL FIELD: Influence of forests on
environment, microclimate, and water supply

COMPETENCE: Biophysics(2); Environmental
Pollution(2); Forest Hydrology(1); Plant
Ecology(2); Physiology(2); Water Resources
Management(2); Microclimatology(1)

EXPERIENCE (AS EMPLOYEE): State government; USDA

RESEARCH ACTIVITY ONE: Chemical temperature
integration

RESEARCH ACTIVITY TWO: Microclimate modifications
in reforestations of surface-mined lands

RESEARCH ACTIVITY THREE: Hydrological importance
of transpiration control by stomata

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1951)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Water Resource
Development(GPNL); Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(3,M); Southwest(1); Northeast(8,M);
Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<422>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<422>

Lees, Aldridge L., Jr., 1942, JD, 1972, Law,
301-383-4454
Maryland Highway Administration; Bureau of
Planning; 1123 No. Putaw Street; Baltimore,
MD 21201, US

PRINCIPAL FIELD: Analysis of Legal Rights and
Duties Arising From the Use of the Environment

COMPETENCE: Environmental Pollution(1);
Environmental Law; Soil Science(3); Water
Resource Management(3)

EXPERIENCE (AS EMPLOYEE): Transportation; County
or city government; State government

EXPERIENCE (AS CONSULTANT): Local or regional
planning group

RESEARCH ACTIVITY ONE: Report of 1955
environmental staff

INTEREST IN WORKING WITH: Transportation; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (1224)

IMPACT ASSESSMENT EXPERIENCE: Highways

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(5,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,1

<423>

Leffel, Robert C., 1925, PhD, 1952, Plant
Breeding, 301-344-2103
Plant Nutrition Lab.; Plant Physiology
Institute, ARS, USDA; Room 229 Bldg 007 Arc
(West); Beltsville, MD 20705, US

PRINCIPAL FIELD: Plant Breeding

COMPETENCE: Agronomy(1); Agricultural Science(3);
Genetics(2); Plant Pathology(2); Physiology(3)

EXPERIENCE (AS CONSULTANT): USDA

RESEARCH ACTIVITY ONE: Pseudo-Self-Compatibility
of Red Clover

RESEARCH ACTIVITY TWO: Forage Legumes

RESEARCH ACTIVITY THREE: Soybean Breeding &
Culture

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (272)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(4,M); Northeast(20,M); Middle
Atlantic(M); Southeast(M)

<424>

Lefor, Michael W., 1943, PhD, 1971, Angiosperm
Taxonomy, 203-486-4939
Syst. & Evol. Biol.; University of
Connecticut; Biology 0-43; Storrs, CT 06268,
US

PRINCIPAL FIELD: Neotropical Angiosperm Taxonomy;
NE U.S. Local Flora; Conn. Tidal Marshes

COMPETENCE: Anatomy(2); Bacteriology(3);
Environmental Pollution(3); Genetics(3);
Immunology(3); Marine Biology(3); Plant
Ecology(2); Systematics(2); Taxonomy(1);
Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): State government

RESEARCH ACTIVITY ONE: State of Connecticut tidal
wetlands preservation program consultant
biologists

INTEREST IN WORKING WITH: State government;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
International Organizations; U.S. Federal
Government; EPA; Other Governments (3939)

IMPACT ASSESSMENT EXPERIENCE: Airports; Highways;
Parks, recreational facilities; Pesticides,
herbicides; Channelization; Dredging,
filling; Shoreline protection; Tidal Marshes
In General

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8);
Central America(M); South America(M)

<425>

Leighton, Donald R., 1938, BA, 1959, Chemistry,
202-872-4436
Manpower Studies; American Chemical Society;
1155 16th Street Rm 312; Washington, DC
20036, US

PRINCIPAL FIELD: Digital Computer systems
analysis of technical information and
statistics

COMPETENCE: Anatomy(3); Biochemistry(2);
Biostatistics(3); Chemistry(2);
Oceanography(3); Population Biology(3);
Systems Analysis(1); Mathematics(2)

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group

RESEARCH ACTIVITY ONE: Demographic studies of
chemist

RESEARCH ACTIVITY TWO: Biochemistry and
oceanography

INTEREST IN WORKING WITH: Private Sector; Local
Government; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; United Nations; World Bank; U.S.
Federal Government; Other Governments (3766)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(14,M)

AVAILABILITY (DAYS PER MONTH): A,6; S,6

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<426>

Lemanski, Larry F., 1943, PhD, 1971, Zoology
Biology; University of Pennsylvania;
Philadelphia, PA 19104, US

PRINCIPAL FIELD: Cellular & Developmental
Biology; Electronmicroscopy; Histology;
Embryology

COMPETENCE: Anatomy (1); Animal Behavior(3);
Animal Ecology(3); Aquatic Ecology(3);
Bacteriology(3); Biochemistry(2);
Biophysics(2); Genetics(3); Immunology(2);
Developmental Biology(1); Microbiology(3);
Physiology(3)

RESEARCH ACTIVITY ONE: Drug toxicity

RESEARCH ACTIVITY TWO: Effects of tranquilizing
drug on rats, dogs, & horses

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; D.S. Federal
Government; Other Governments (1877)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (5,M);
Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<427>

Lemmon, Paul E., 1907, PhD, 1935, Plant
Physiology, 703-528-2851
USDA Soil Conservation Service; Retired
Federal/Govt. Now consultant; 2413 North
Kenmore Street; Arlington, VA 22207, US

PRINCIPAL FIELD: Correlation between soils and
potential productivity for woodlands and
related uses

COMPETENCE: Agronomy(2); Agricultural Science(2);
Biostatistics(3); Forestry(1); Plant
Ecology(1); Physiology(3); Range Science(2);
Systems Analysis(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

EXPERIENCE (AS CONSULTANT): Mining; Local or
regional planning group; State government;
Conservation group; Professional Society; DOD

RESEARCH ACTIVITY ONE: Gathering standard
soil-site index nationwide

RESEARCH ACTIVITY TWO: Soil-woodland
interpretations for soil survey

RESEARCH ACTIVITY THREE: Automating soil-site
index for data banks

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
D.S. Federal Government (711)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Soil erosion; Tailings, spoils
disposal; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(15); Rocky Mountain(1); Southwest(1);
North Central(3); South Central(3);
Northeast(3); Middle Atlantic(3); Southeast(3)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<428>

Leonard, Raymond E., PhD, 1967, Forestry
USDA Forest Service; NEFES; P.O. Box 640;
Durham, NR 03824, US

PRINCIPAL FIELD: Man's Impact on the Alpine
Ecosystem

COMPETENCE: Forestry(3); Plant Ecology(2); Water
Resources Management(1)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): State government;
Conservation group

INTEREST IN WORKING WITH: State government; The
Institute of Ecology; International
Organizations; U.S. Federal Government; Other
Governments (3648)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(11);
Europe, eastern(2)

<429>

Lepple, Frederick K., 1944, MS, 1971, Chemical
Oceanography, 302-738-1214
College of Marine Studies; University of
Delaware; Robinson Hall; Newark, DE 19711, US

PRINCIPAL FIELD: Flux of Metals Through
Environment - Chemical Effects

COMPETENCE: Environmental Pollution(2);
Oceanography(1)

EXPERIENCE (AS EMPLOYEE): NSF

RESEARCH ACTIVITY ONE: Isothermal compressibility
of seawater

RESEARCH ACTIVITY TWO: Trace metal baseline
studies

RESEARCH ACTIVITY THREE: Chemical effect of
airborne particulates on seawater

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1518)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(1,M); Southeast(3)

AVAILABILITY (DAYS PER MONTH): A,3; S,10

<430>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<430>

Li, Hul L., 1911, PhD, 1942, Biology, 215-247-5777
Morriss Arboretum; University of
Pennsylvania; Philadelphia, PA 19118, US

COMPETENCE: Plant Ecology(2); Systematics(1);
Taxonomy(1)

RESEARCH ACTIVITY ONE: Flora of Taiwan

RESEARCH ACTIVITY TWO: Chemosystematic studies of
American oaks

RESEARCH ACTIVITY THREE: Alkaloid-bearing plants
& their alkaloids

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Asian (1861)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Middle Atlantic(24,M);
Northeast(1); Asia(15,M); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<431>

Lignori, Vincent R., 1928, PhD, 1967, Biology,
212-769-9200
Biological Sciences Department; City
University of New York Kingsborough C.C.;
2001 Oriental Blvd.; Brooklyn, NY 11235, US

PRINCIPAL FIELD: The study of natural products of
biomedical significance

COMPETENCE: Aquatic Ecology(1); Bacteriology(1);
Fishery Biology(1); Environmental
Pollution(2); Marine Biology(1);
Microbiology(1)

EXPERIENCE (AS EMPLOYEE): Professional society;
HEW

RESEARCH ACTIVITY ONE: Branacle - Cement Glands -
Attachment Mechanism

RESEARCH ACTIVITY TWO: Histochemistry - Branacle
Tissues

RESEARCH ACTIVITY THREE: Development of training
program - Environmental Technologists

INTEREST IN WORKING WITH: County or city
government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (218)

IMPACT ASSESSMENT EXPERIENCE: Beach nourishment;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Northeast(21,M); West Indies(M)

AVAILABILITY (DAYS PER MONTH): A,4-5; S,20

<432>

Likens, Gene E., 1935, PhD, 1962, Zoology,
607-256-3498
Ecology and Systematics; Cornell University;
Langmuir Lab.; Ithaca, NY 14850, US

PRINCIPAL FIELD: Analysis of Ecosystems,
Biogeochemistry; Aquatic Ecology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Professional society;
The Institute of Ecology(TIE); The Nat'l
Academy of Sciences; CC; NSP; ATD; Council
Environmental Quality; Asian

RESEARCH ACTIVITY ONE: Nutrient - hydrologic
interactions in forested watersheds

RESEARCH ACTIVITY TWO: Nutrient budgets for
Cayoga and Seneca Lakes

RESEARCH ACTIVITY THREE: Ecosystem analysis of a
lake

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
Professional society; The Institute of
Ecology; International Organizations; USDA;
AEC; CC; COE; EPA; USOI; NSP; OST; AID;
Council Environmental Quality (775)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Pesticides, herbicides; Soil erosion; Water
Resource Development(Genl); Watershed,
forest, range; Water quality control; Water
supply

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(5,M); Northeast(10,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,0

<433>

Linduska, Joseph P., 1913, PhD, 1948, Zoology -
Ecology, 202-343-5313
Bureau of Sport Fisheries and Wildlife; U.S.
Dept. of Interior; 18th P.N.W.; Washington,
DC 20240, US

PRINCIPAL FIELD: Management of Farm
Wildlife-Administration Conservation Programs

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; Professional society; USDA; USOI

RESEARCH ACTIVITY ONE: Management of Wildlife on
3000 Acre Farm

RESEARCH ACTIVITY TWO: Ecological Studies Farm
Game

RESEARCH ACTIVITY THREE: Insect Reactors of
Disease Important to Military

INTEREST IN WORKING WITH: Agriculture; State
government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(2066)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Rocky Mountain(3); North
Central(4,M); Middle Atlantic(20);
Southeast(3,M)

AVAILABILITY (DAYS PER MONTH): Not until 1974

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<434>

Linsky, Benjamin, 1911, MS, 1948, Mechanical Engineering, 304-293-5219
Civil Engineering Dept.; West Virginia University; 1360 Anderson Ave.; Morgantown, WV 26506, US

PRINCIPAL FIELD: Air, noise, and related land pollution, and land use planning

COMPETENCE: Environmental Pollution(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing; County or city government; EPA; REW

EXPERIENCE (AS CONSULTANT): Manufacturing; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; The Institute of Ecology (TIE); The National Academy of Sciences INRC; WHO-PARO; EPA

RESEARCH ACTIVITY ONE: Air pollution control from waste wood recycling

RESEARCH ACTIVITY TWO: Advice to an aluminum producer

RESEARCH ACTIVITY THREE: Costs of power pollution control

INTEREST IN WORKING WITH: Private Sector; Agriculture; Construction; Manufacturing; Mining; Transportation; Utility; Local Government; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; Civic action group; Conservation group; Professional society; The Institute of Ecology (TIE); The National Academy of Sciences INRC; International Organizations; United Nations; World Bank; IUCN; WNO-PARO; U.S. Federal Government; Other Governments (1940)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Highways; Dredging, filling

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(6); North Central(8,M); Middle Atlantic(10)

AVAILABILITY (DAYS PER MONTH): A,4; S,15

<435>

Litchfield, Carol D., 1936, PhD, 1969, Biochemistry, 201-932-3986
Dept. of Bacteriology, NJ, US

PRINCIPAL FIELD: Marine sedimentary microbiology and biochemistry

COMPETENCE: Aquatic Ecology(2); Bacteriology(1); Biochemistry(1); Food Sciences(3); Environmental Pollution(3); Limnology(3); Microbiology(1); Nutrition(3); Oceanography(1); Taxonomy(2)

RESEARCH ACTIVITY ONE: Protein synthesis inhibition by pollutants

RESEARCH ACTIVITY TWO: Organic nitrogen cycle in marine sediments

INTEREST IN WORKING WITH: Local Government; Professional society; The Institute of Ecology (TIE); The National Academy of Sciences INRC; U.S. Federal Government; Other Governments (1938)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(9,M); Northeast(2,M); Middle Atlantic(3); Europe, western(1,M)

AVAILABILITY (DAYS PER MONTH): A,2-3; S,4-5

<436>

Litsky, Warren, 1924, PhD, 1951, Microbiology, 413-545-2288
Environmental Sciences; University of Massachusetts; Amherst, MA 01002, US

PRINCIPAL FIELD: Microbiology of environments

COMPETENCE: Agricultural Science(3); Aquatic Ecology(2); Bacteriology(1); Biochemistry(2); Biostatistics(3); Food Sciences(2); Environmental Pollution(1); Immunology(2); Marine Biology(2); Microbiology(1); Oceanography(2); Virology(3); Water Resources Management(1)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): Manufacturing; County or city government; Local or regional planning group; State government; Civic action group; Professional society; The Nat'l Academy of Sciences; Israel; USDA; EPA; REW; NSP

RESEARCH ACTIVITY ONE: P.A. techniques for fecal streptococci

RESEARCH ACTIVITY TWO: Eutrophication of small lakes

RESEARCH ACTIVITY THREE: Airborne bacteria control

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3024)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3); Northeast(4)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<437>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<437>
 Little Jr., Frank J., 1931, PhD, 1963, Zoology,
 716-395-2476
 Biological Sciences; SUNY - Brockport;
 Brockport, NY 14420, US
 forest survey NW Ecuador
 INTEREST IN WORKING WITH: International
 Organizations; United Nations; IUCN; U.S.
 Federal Government; Agriculture; Central
 American; South American (410)
 GPOGRAPHIC FAMILIARITY (YEARS): Southwest(8);
 North Central(2); South Central(4); Middle
 Atlantic(24); Central America(1); South
 America(4); Mexico(1); Puerto Rico(1)

PRINCIPAL FIELD: Human population density vs.
 accelerated eutrophication thresholds, lakes
 COMPETENCE: Animal Ecology(3); Aquatic
 Ecology(2); Biostatistics(2); Fishery
 Biology(3); Environmental Pollution(1);
 Limnology(1); Ecological Engineering(1);
 Marine Biology(1); Oceanography(1);
 Population Biology(2); Systematics(1);
 Systems Analysis(2); Taxonomy(1); Water
 Resources Management(2)

EXPERIPNCE (AS CONSULTANT): Plaintiff
 RESEARCH ACTIVITY ONE: Great Lakes accel.
 eutrophication thresholds
 RESEARCH ACTIVITY TWO: Achieving stable predator
 - prey interactions
 RESEARCH ACTIVITY THREE: Tertiary effluent
 modification of a stream
 INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Local
 Government; Conservation or Scientific Group;
 International Organizations; USDC; CC; COE;
 DOD; EPA; USDI; NSF; OST; Central American;
 Canadian; European, western; South American;
 Israel (1472)
 IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development(GENL); Water quality control;
 Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(4); South Central(3,M);
 Northeast(1,M); Middle Atlantic(1,M);
 Southeast(1,M); Alaska(1); Central
 America(1); South America(1); Antarctic(1,M)
 AVAILABILITY (DAYS PER MONTH): A,5; S,10

<438>
 Little, Elbert L., Jr., 1907, PhD, 1929, Botany
 Ecology, 202-447-5719
 U. S. Forest Service; U. S. Department of
 Agriculture; Washington, DC 20250, US
 PRINCIPAL FIELD: Tree identification preparation
 of books and maps, U.S. and Latin America
 COMPETENCE: Forestry(1); Plant Ecology(2); Range
 Science(3); Taxonomy(1); Dendrology(1)
 EXPERIENCE (AS EMPLOYEE): USDA
 EXPERIENCE (AS CONSULTANT): United Nations
 RESEARCH ACTIVITY ONE: Tree identification forest
 survey NE Nicaragua
 RESEARCH ACTIVITY TWO: Professional tree
 identification Turrialba, Costa Rica
 RESEARCH ACTIVITY THREE: Tree identification

<439>
 Little, Linda W., 1937, PhD, 1968, Envr. Micro.
 Biol., 919-929-1161
 Environmental Science & Engineering;
 University of North Carolina; School of
 Public Health; Chapel Hill, NC 27514, US
 PRINCIPAL FIELD: Biological waste treatment,
 nitrification, Algal assay, Fish bioassay,
 Brine wastes
 COMPETENCE: Aquatic Ecology(2); Bacteriology(2);
 Food Sciences(3); Environmental Pollution(1);
 Limnology(3); Microbiology(2); Water
 Resources Management(3)
 EXPERIENCE (AS CONSULTANT): Manufacturing
 RESEARCH ACTIVITY ONE: Evaluation of effect of 46
 dyes on fish and algae
 RESEARCH ACTIVITY TWO: Comparison of alum and
 iron sulfates for P removal
 RESEARCH ACTIVITY THREE: Enhancement of
 nitrification with clinoptilolite
 INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Central American; Canadian;
 European, western; South, American (571)
 GEOGRAPHIC FAMILIARITY (YEARS): Southeast(14,M)
 AVAILABILITY (DAYS PER MONTH): A,2; S,5

<440>
 Lopez, Glenn R., 1949, BA, 1971, Biology, 516
 Ecology and Evolution; State University of
 New York at Stony Brook; Nichols Rd.; Stony
 Brook, NY 11790, US
 PRINCIPAL FIELD: Marine microbial ecology
 COMPETENCE: Aquatic Ecology(1); Environmental
 Pollution(3); Marine Biology(1);
 Microbiology(2); Oceanography(2);
 Ornithology(3); Plant Ecology(3);
 Physiology(3); Population Biology(3);
 Reproductive Biology(3); Water Resources
 Management(3)
 INTEREST IN WORKING WITH: U.S. Federal
 Government; Other Governments (731)
 IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development (Genl); Reservoirs/Dams;
 Reservoir releases; Flood control
 GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(2)
 AVAILABILITY (DAYS PER MONTH): A,4; S,4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<441>
 Louder, Darrell E., 1933, MS, 1956, Zoology,
 302-678-4431
 Director; Division of Fish and Wildlife;
 Dover, DE 19901, US

PRINCIPAL FIELD: Fishery management, ecology and
 limnology

COMPETENCE: Animal Ecology(1); Aquatic
 Ecology(1); Biostatistics(3); Biophysics(3);
 Fishery Biology(1); Environmental
 Pollution(2); Limnology(1); Parasitology(3);
 Pest Control(2); Plant Ecology(2); Population
 Biology(1); Systems Analysis(1); Water
 Resources Management(2); Wildlife
 Management(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; County or
 city government; Local or regional planning
 group; State government; Conservation group;
 Professional society; COE; USDI

RESEARCH ACTIVITY ONE: Effect of channelization
 on fishes and their habitat

RESEARCH ACTIVITY TWO: Oyster cultch

RESEARCH ACTIVITY THREE: Limnological study of
 Fontana Reservoir

INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Mining;
 Transportation; Utility; State government;
 Conservation group; Professional society; The
 Institute of Ecology (TIE); The National
 Academy of Sciences; USDA; AEC; CC; COE; EPA;
 USDI; DOT; Canadian (347B)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Airports; Highways; Pesticides, herbicides;
 Soil erosion; Tailings, spoils disposal;
 Water Resource Development(geom);
 Channelization; Dredging, filling; Beach
 nourishment; Reservoirs/Dams; Levees/dikes;
 Coastal protection/jetties; Canals/Channels;
 Watershed, forest, range; Reservoir releases;
 Hydroelectric power; Navigation; Flood
 control; Water supply; Water quality control;
 Shoreline protection; Fish & Wildlife
 conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
 Northeast(1); Middle Atlantic(1);
 Southeast(15,M)

AVAILABILITY (DAYS PER MONTH): Would consider
 doing consulting work full time

<442>
 Lukens, Raymond J., 1930, PhD, 1958, Botany,
 203-787-7421
 Plant Pathology & Botany; Conn. Agr.
 Experiment Station; 123 Huntington; New
 Haven, CT 06504, US

PRINCIPAL FIELD: Measures of controlling plant
 diseases

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Agriculture; Utility;
 County or city government; Professional
 society; HEW; European, western

RESEARCH ACTIVITY ONE: Writing Book-"Chemistry of
 Fungicidal Action"

RESEARCH ACTIVITY TWO: Biology of
 Helminthosporium Maydis Race T

RESEARCH ACTIVITY THREE: Selective inhibition of
 sporulation

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation group; Professional
 society; The Institute of Ecology (TIE); The
 Nat'l Academy of Sciences; International
 Organizations; U.S. Federal Government; Other
 Governments (49)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Forestry; Parks, recreational facilities;
 Pesticides, herbicides; Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(19)

<443>
 Lyman, John, 1915, PhD, 1957, Oceanography,
 919-966-1561
 Marine Sciences; University of North
 Carolina; Chapel Hill, NC 27514, US

PRINCIPAL FIELD: Chemistry of sea water

COMPETENCE: Environmental Pollution(3);
 Limnology(3); Marine Biology(3);
 Oceanography(1)

EXPERIENCE (AS EMPLOYEE): State government; COE;
 USDI; NSF

EXPERIENCE (AS CONSULTANT): Transportation; The
 Nat'l Academy of Sciences; United Nations;
 AEC; USDC; COE

RESEARCH ACTIVITY ONE: Ocean resources

RESEARCH ACTIVITY TWO: New York bight

RESEARCH ACTIVITY THREE: Atomic safety and
 licensing board

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Central American; South American;
 Australia-New Zealand (1984)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Beach nourishment;
 Navigation; Nuclear Power

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(5); Middle Atlantic(3)

<444>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<444>

Lynch, Maurice P., 1936, PhD, 1972, Marine Science, 703-642-4852
Office of Special Programs; Virginia Institute of Marine Science; Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Underwater (using scuba) assessment of communities

COMPETENCE: Animal Ecology(3); Aquatic Ecology(2); Biochemistry(3); Fishery Biology(2); Environmental Pollution(2); Limnology(3); Marine Biology(1); Oceanography(3); Physiology(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): County or city government; State government; DSDC; DOO

RESEARCH ACTIVITY ONE: Evaluation of oyster beds in James River

RESEARCH ACTIVITY TWO: Effect of highway construction on bottoms

RESEARCH ACTIVITY THREE: Effect of dredging on oyster beds

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1720)

IMPACT ASSESSMENT EXPERIENCE: Highways; Tailings, spoils disposal; Dredging, filling; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(15,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<445>

Lynts, George W., 1936, PhD, 1964, Geology, 919-684-2206
Dept. of Geology; Duke University; Box 6665 College Station; Durham, NC 27708, US

PRINCIPAL FIELD: Ecology and paleoecology of foraminiferida

COMPETENCE: Animal Ecology(1); Aquatic Ecology(1); Biostatistics(2); Marine Biology(1); Oceanography(1); Paleontology(1); Population Biology(2); Systematics(2)

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Late pleistocene paleoecology of tongue of ocean

RESEARCH ACTIVITY TWO: Biostratigraphy of Atlantic coastal plain

RESEARCH ACTIVITY THREE: Ecology of Florida Bay foraminiferida

INTEREST IN WORKING WITH: Construction; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1159)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5); Northeast(1); Southeast(7)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<446>

Maas, John L., 1940, PhD, 1968, Plant Pathology, 301-344-3572
U.S. Dept. Agriculture; ARS N.E. Region Plant Germplasm & Genetics Institute; ARC-W; Beltsville, MD 20705, US

PRINCIPAL FIELD: Diseases of Small Fruit Crops; Phytophthora & Botrytis Physiology & Diseases

COMPETENCE: Agricultural Science(1); Mycology(1); Plant Pathology(1)

EXPERIENCE (AS EMPLOYEE): State government; USDA

RESEARCH ACTIVITY ONE: Mycoecology of serpentine soil

RESEARCH ACTIVITY TWO: Epidemiology & physiology of Botrytis

RESEARCH ACTIVITY THREE: Diseases of strawberry & their control

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1254)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(6,M); Middle Atlantic(4,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<447>
Magorian, Thomas R., 1928, PhD, 1952, Geophysics,
716-834-0006
Environmental Systems; Calspan; Box 235;
Buffalo, NY 14221, US

PRINCIPAL FIELD: Stream Hydrologic Studies and
Models for Abatement and Planning

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution; Plant Ecology(2); Systems
Analysis(1); Water Resources Management(1)

EXPERIENCE (AS EMPLOYEE): Mining; COE; DOD

EXPERIENCE (AS CONSULTANT): Mining; County or
city government; Local or regional planning
group; State government; Conservation group;
Professional society; COE; DOD; EPA; HEW

RESEARCH ACTIVITY ONE: Thallium pollution

RESEARCH ACTIVITY TWO: Hazardous spills of toxic
chemicals

RESEARCH ACTIVITY THREE: Environmental impact of
dredge disposal

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1213)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy
conversion/production; Forestry; Highways;
Pesticides, herbicides; Soil erosion;
Tailings, spoils disposal; Water Resource
Development (Genl); Channelization; Dredging,
filling; Reservoirs/Dams; Levees/dikes;
Canals/Channels; Reservoir releases;
Hydroelectric power; Navigation; Flood
control; Irrigation; Water supply; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3); Rocky Mountain(3); Southwest(4);
North Central(4); Middle Atlantic(10,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,5

<448>
Mahen, Kenneth, W., Jr., 1945, MS, 1973, Biology,
201-444-6455
Washington Square; New York, NY 10003, US

PRINCIPAL FIELD: Endocrinology

COMPETENCE: Anatomy(3); Animal Ecology(3);
Biochemistry(3); Marine Biology(3);
Physiology(3); Reproductive Biology(3);
Taxonomy(3)

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Transportation;
Utility; Local Government; Conservation or
Scientific Group; U.S. Federal Government;
Central American; South American (3505)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5);
Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<449>
Mafor, Charles W., 1926, PhD, 1957,
Zoology(Physiol), 207-581-7960
Zoology Dept.; University of Maine; Murray
Hall; Orono, ME 04473, US

PRINCIPAL FIELD: Effect of metals, oil, etc. on
physiology of marine invertebrates

COMPETENCE: Biochemistry; Environmental
Pollution(2); Marine Biology(2); Physiology(1)

EXPERIENCE (AS CONSULTANT): State government;
Civic action group; Conservation group;
Professional society

RESEARCH ACTIVITY ONE: Oil effects on molluscs

RESEARCH ACTIVITY TWO: Copper Wastes in marine
environment

RESEARCH ACTIVITY THREE: Iodides in nemerteans

INTEREST IN WORKING WITH: Agriculture; Mining;
Utility; State government; Civic action
group; Conservation group; Professional
society; The Institute of Ecology(TIE); The
National Academy of Sciences; United Nations;
USDA; APC; USDC; COE; EPA; HEW; USDI; NSP;
OST; Other Governments (3468)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Tailings, spoils
disposal; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(11);
Southeast(5)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<450>
Majumdar, Shyamal K., 1938, PhD, 1968, Biology,
215-253-6281
Biology Department; Lafayette College;
College Hill; Easton, PA 18042, US

PRINCIPAL FIELD: Genetics; Cytogenetical effects
of herbicides and chemicals

COMPETENCE: Animal Behavior(2); Bacteriology(2);
Environmental Pollution(2); Genetics(1);
Microbiology(1); Plant Ecology(3);
Physiology(2)

RESEARCH ACTIVITY ONE: Teratogenic effects of
2,4,5-T in gerbil

RESEARCH ACTIVITY TWO: Cytogenetic effects of
2,4,5-T in gerbil

RESEARCH ACTIVITY THREE: 2,4,5-T effects on plant
growth and development

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Local Government; International
Organizations; U.S. Federal Government; Other
Governments (420)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(5);
Northeast(4,M); Asia(4,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,25

<451>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<451>

Malamud, Daniel P., 1939, PhD, 1966, Biology,
617-722-3066
Shriners Burns Institute; Massachusetts
General Hospital; 50 Blossom Street; Boston,
MA 02114, US

PRINCIPAL FIELD: Control of Cell Proliferation in
Mammalian Cells

COMPETENCE: Animal Ecology(3); Bacteriology(3);
Biochemistry(2); Genetics(2); Cell
Biology(1); Microbiology(3); Nutrition(3);
Parasitology(3); Physiology(2); Reproductive
Biology(3)

RESEARCH ACTIVITY ONE: Camp and secretion

RESEARCH ACTIVITY TWO: DNA synthesis in parotid

RESEARCH ACTIVITY THREE: Autoradiography
techniques and applications

INTEREST IN WORKING WITH: Transportation; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1882)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
Northeast(6,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,3

<452>

Malone, Winfred F., 1935, PhD, Envir. Health
Sciences, 301-963-5117
Hazardous Materials Advisory Committee; U.S.
Environmental Protection Agency; 330
Independence Ave.; Washington, DC 20201, US

PRINCIPAL FIELD: Evaluation of environmental
effects of chemicals

COMPETENCE: Bacteriology(3); Biochemistry(2);
Environmental Pollution(1); Microbiology(2);
Pest Control(3); Health Physics Radiation
Biology(1)

RESEARCH ACTIVITY ONE: Present staff science
advisor Hazardous Materials Advisory Committee

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government (1829)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Reservoirs/Dams; Water supply;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast; Middle
Atlantic

AVAILABILITY (DAYS PER MONTH): A,5

<453>

Mangelsdorf, Paul C., Jr., 1925, PhD, 1955, Chem-
Physics, 617-548-1400
Chemistry Department; Woods Hole
Oceanographic Institution; Woods Hole, MA
02543, US

PRINCIPAL FIELD: Sea salt composition and
variation in sediments and estuaries

COMPETENCE: Oceanography(1)

EXPERIENCE (AS EMPLOYEE): AID

EXPERIENCE (AS CONSULTANT): Asian

RESEARCH ACTIVITY ONE: Analysis of sea water

RESEARCH ACTIVITY TWO: Regional variations in
major ions

RESEARCH ACTIVITY THREE: Membrane salinometer

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (242)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5);
Northeast(10,M); Middle Atlantic(5);
Asia(0.10)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<454>

Mangiafico, Joseph A., 1935, MPR, 1967, Public
Health, 301-662-8493
Bacteriology Research Serol; US Army Med.
Res. Institute Inf. Diseases; Fort Detrick;
Frederick, MD 21701, US

PRINCIPAL FIELD: Medical Entomology Arbovirology
Serology Environmental Health

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Biostatistics(3); Entomology(1);
Environmental Pollution(3); Immunology(2);
Microbiology(3); Pest Control(3); Virology(1)

RESEARCH ACTIVITY ONE: Seroepidemiological survey
at Army research bases

RESEARCH ACTIVITY TWO: Vector studies on
mosquitoes & Chikungunya virus

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Canadian; European, eastern
(4060)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Tailings, spoils disposal; Water
supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M);
Middle Atlantic(12,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,3

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<455>

Marcus, Bernard A., 1944, MA, 1967, Biology -
ED., 716-343-0055
Math/Science Dept.; Genesee Community
College; College Rd.; Batavia, NY 14020, US

PRINCIPAL FIELD: Aquatic Entomology

COMPETENCE: Animal Ecology; Aquatic Ecology(3);
Entomology(3); Environmental Pollution(3);
Limnology(3); Population Biology(3); Water
Resources Management(3)

RESEARCH ACTIVITY ONE: Pollution of upper
Tomawanda Creek

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1624)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6,M)

AVAILABILITY (DAYS PER MONTH): A,0; S,30

<456>

Marcy, Barton C., 1940, MS, 1968, Zoology,
201-767-8131
Essex Marine Laboratory; Essex Marine
Laboratory, Inc.; Noveity Lane; Essex, CT
06426, US

PRINCIPAL FIELD: Thermal pollution and
entrainment effects on ichthyoplankton
through adult fishes

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(2); Fishery Biology(1); Environmental
Pollution(2); Limnology(3); Marine
Biology(3); Oceanography(3); Population
Biology(3); Reproductive Biology(3);
Systematics(3); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): Utility; COE

EXPERIENCE (AS CONSULTANT): Utility; State
government; Conservation group; Professional
society; TIE; The Nat'l Academy of Sciences
INRC; United Nations; AEC; COE; EPA; USDI;
NSF; OST

RESEARCH ACTIVITY ONE: Research Biologist -
Connecticut River Ecological study

RESEARCH ACTIVITY TWO: Effects of water
diversions in Conn. River

RESEARCH ACTIVITY THREE: Benefit-cost analysis

INTEREST IN WORKING WITH: Utility; COE (1630)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Canals/Channels;
Watershed, forest, range; Hydroelectric
power; Flood control; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(10,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<457>

Margraf, F. Joseph, 1947, BS, 1970, Fishery
Biology
Ichthyological Associates; Box 70D Rd 1 W
Brook Lane; Absecon, NJ 08201, US

PRINCIPAL FIELD: Marine and Freshwater Fisheries
in NE United States; Collection & Analysis

COMPETENCE: Aquatic Ecology(3); Fishery
Biology(2); Limnology(3); Marine Biology(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Ecological study of
Delaware River near Pordentown, NJ

RESEARCH ACTIVITY TWO: NJ marine ecological study
near Little Egg Inlet

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Central American; Canadian;
European, western; South American; Australian
(3110)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M)

<45R>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<45B>

Marmelstein, Allan D., 1941, PhD, 1969,
Oceanography, 202-785-1123
Oceanic and Atmospheric Appl.; Earth
Satellite Corporation; 1771 N. St. NW;
Washington, DC 20036, US

PRINCIPAL FIELD: Remote sensing oceanography,
marine phytoplankton and angiosperm
physiological ecology

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(3); Biochemistry(3); Fishery
Biology(3); Environmental Pollution(2);
Limnology(3); Marine Biology;
Oceanography(1); Plant Ecology(2);
Physiology(2)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; Conservation group; World
Bank; EPA; USDI; South American

RESEARCH ACTIVITY ONE: Aerial Surveillance spill
prevention

RESEARCH ACTIVITY TWO: Appl. of FRTS-1 to fishery
resource management

RESEARCH ACTIVITY THREE: Photoperiodism and
ecology of Thallasia

INTEREST IN WORKING WITH: Local or regional
planning group; Conservation group;
Professional society; United Nations; World
Bank; CC; COE; EPA; USDI (3756)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M); Southwest(2); Middle
Atlantic(3,M); Hawaii(0.5)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<459>

Marshall, Harold G., 1929, PhD, 196, Biology,
703-489-8000
Chairman, Biology Dept.; Old Dominion
University; Hampton Blvd.; Norfolk, VA
23508, US

PRINCIPAL FIELD: Phytoplankton ecology, impact
studies on coastal and estuarine biota

COMPETENCE: Aquatic Ecology(1); Limnology(2);
Marine Biology(1); Oceanography(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing; COE

RESEARCH ACTIVITY ONE: Craney Island
environmental study

RESEARCH ACTIVITY TWO: Faunal and floral census
and impact, Rappahannock River

RESEARCH ACTIVITY THREE: Wetlands impact study

INTEREST IN WORKING WITH: Local Government; The
Institute of Ecology (TIE); The National
Academy of Sciences; CC; COE; EPA; USDI; NSF;
European, eastern; South American (1157)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling; Reservoirs/Dams;
Levees/dikes; Coastal protection/jetties;
Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(12); Middle Atlantic(9)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<460>

Martens, Christopher S., 1946, PhD, 1972,
Oceanography, 203-436-4526
Department of Geology and Geophysics; Yale
University; New Haven, CT 06520, US

PRINCIPAL FIELD: Marine and atmospheric chemistry

COMPETENCE: Environmental Pollution(1);
Limnology(2); Atmospheric Chemistry(1);
Oceanography(1)

EXPERIENCE (AS EMPLOYEE): AEC

RESEARCH ACTIVITY ONE: Interaction of inorganic
phosphate and sea water

RESEARCH ACTIVITY TWO: Atmospheric chemistry

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; U.S.
Federal Government; AEC (3266)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control; Air Quality

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(M); Southeast(4,M); Puerto Rico(M)

<461>

Mason, Alan D., 1948, BS, 1971, Wildlife Biology
HQ USARPUR USAICE PDN DIV; Fort Collins, CO
80521, US

PRINCIPAL FIELD: Field work for research in range
ecosystems and small mammal population
dynamics

COMPETENCE: Animal Ecology(2); Range Science(2);
Wildlife Management(2)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (733)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); Europe, western(.5)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<462>

Hason, Robert P., 1934, PhD, 1971, Exp.
Statistics, 919-549-8311
Research Triangle Institute; P.O. Box 12194;
Research Triangle Park, NC 27709, US

group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Other Governments (1282)

PRINCIPAL FIELD: Application of statistical theory and methodology to ecological problems

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides; Fish & Wildlife conservation

COMPETENCE: Animal Ecology(1); Aquatic Ecology(2); Biostatistics(1); Fishery Biology(1); Forestry(3); Genetics(3); Limnology(2); Ornithology(3); Parasitology(3); Pest Control(3); Plant Ecology(3); Population Biology(2); Systems Analysis(3); Water Resources Management(3); Wildlife Management(1)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(7); Northeast(4,M); Middle Atlantic(5,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

EXPERIENCE (AS EMPLOYEE): State government; Canadian

<464>

Matsumoto, Barton M., 1936, PhD, 1971, Entomology, 617-997-9321
Biology Dept.; Southeastern Massachusetts University; North Dartmouth, MA 02747, US

EXPERIENCE (AS CONSULTANT): COE; EPA; HEW; USDI

PRINCIPAL FIELD: Biological control of insects and insect ecology

RESEARCH ACTIVITY ONE: Hibernial distribution of cottontails in S. Ontario woodlot

COMPETENCE: Biostatistics(3); Entomology(1); Genetics(3); Insect Ecology(2); Population Biology(3); Biological Control(Insects)(2)

RESEARCH ACTIVITY TWO: Florida creel survey program

EXPERIENCE (AS EMPLOYEE): Agriculture; State Government

RESEARCH ACTIVITY THREE: Nonlinear estimation by parabolic approximation

INTEREST IN WORKING WITH: Agriculture; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; United Nations U.S. Federal Government (2027)

INTEREST IN WORKING WITH: Conservation group; Professional society; The Institute of Ecology(TIE); United Nations; AEC; COE; EPA; HEW; USDI; RSP; OST; Canadian (496)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Reservoirs/Dams; Watershed, forest, range; Fish & Wildlife conservation

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(8,M); Canada, eastern(7,M)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(7,M); Hawaii(4)

<463>

Nassarro, Edward J., 1933, PhD, 1962, Biochemistry, 716-831-4638
Dept. of Biochemistry; State University of New York at Buffalo; Capen Hall; Buffalo, NY 14214, US

<465>

Mautz, William W., 1943, PhD, 1969, Ecology Wildlife, 603-862-1020
Inst. Nat. & Envir. Resources; University of New Hampshire; Iner Pettee Hall; Durham, NH 03824, US

PRINCIPAL FIELD: Comparative Biochemistry, Physiology, Pharmacology, Toxicology, Biochemical Genetics

PRINCIPAL FIELD: General Ecology, Wildlife Ecology, Ecological Energetics, Wildlife Physiology

COMPETENCE: Anatomy(1); Bacteriology(1); Biochemistry(1); Environmental Pollution(1); Genetics(1); Immunology(1); Microbiology(1); Reproductive Biology(1); Systematics(1); Taxonomy(1)

COMPETENCE: Animal Ecology(1); Aquatic Ecology(3); Biochemistry(3); Forestry(3); Nutrition(2); Plant Ecology(3); Physiology(2); Population Biology(3); Wildlife Management(1)

EXPERIENCE (AS CONSULTANT): Agriculture; County or city government; Local or regional planning group; Civic action group; Conservation group; Professional society

RESEARCH ACTIVITY ONE: Evaluation of Natural Foods of White Tailed Deer

RESEARCH ACTIVITY ONE: Heavy metal

RESEARCH ACTIVITY TWO: Investigation of Winter Deer Yards

INTEREST IN WORKING WITH: Private Sector; County or city government; Local or regional planning group; Conservation or Scientific Group; Civic action group; Conservation

RESEARCH ACTIVITY THREE: Energetics of Snowshoe Hare, Deer, and Fisher

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3145)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4,M); Northeast(4,M)

AVAILABILITY (DAYS PER MONTH): A,2-4; S,2-4

<466>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<466>

McCarthy, Joseph V., 1944, BS, 1971, Biology,
516-764-5703
New York Bellows Company; 3050 Lawson Blvd.;
Oceanside, NY 11572, US

PRINCIPAL FIELD: Marine Microorganism

COMPETENCE: Bacteriology(2); Biochemistry(3);
Entomology(3); Marine Biology(2);
Microbiology(2)

INTEREST IN WORKING WITH: Private Sector; Local
or regional planning group; Conservation or
Scientific Group; World Bank; COE; DOD; NSP;
DOT; Asian; African (698)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(2,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<467>

McCormick, Jon M., 1941, PhD, 1969, Biological
Science, 201-893-4396
Biology Dept.; Montclair State College;
Montclair, NJ 07043, US

PRINCIPAL FIELD: Plankton Ecology and
Environmental Stress, Fresh-Water and Marine

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Biostatistics(2); Environmental
Pollution(2); Limnology(1); Marine
Biology(1); Oceanography(2); Plant
Ecology(3); Physiology(3); Population
Biology(2); Systematics(2); Taxonomy(2);
Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): State government; N.J.
Mar. Sci. Conservation

EXPERIENCE (AS CONSULTANT): County or city
government; N.J. Mar Sci. Conservation

RESEARCH ACTIVITY ONE: Ocean County Reg. Sew.
Auth. Env. Assessment

RESEARCH ACTIVITY TWO: South Mammoth Reg. Sew.
Auth. Env. Assessment

RESEARCH ACTIVITY THREE: Rockaway Valley Reg.
Sew. Auth. Env. Assessment

INTEREST IN WORKING WITH: Construction;
Manufacturing; Local Government; Conservation
or Scientific Group; United Nations; IUCN;
N.J. Mar. Sci. Conservation; U.S. Federal
Government; Other Governments (3953)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Reservoir releases; Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5,M); Middle Atlantic(5,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,10

<468>

McCoy, Clarence J., 1935, PhD, 1965, Zoology,
412-622-3258
Amphibians and Reptiles Dept.; Carnegie
Museum; 4400 Forbes Ave; Pittsburgh, PA
15213, US

PRINCIPAL FIELD: Reproductive biology, General
Ecology, and Systematics of Squamate Reptiles

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Entomology(3); Fishery
Biology(3); Population Biology(2);
Reproductive Biology(1); Taxonomy(1);
Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDI

EXPERIENCE (AS CONSULTANT): Professional society;
USDI; Central American

RESEARCH ACTIVITY ONE: Herpetofauna of Cuatro
Cienegas Basin Mexico

RESEARCH ACTIVITY TWO: Ecology of Cnemidophorus
Tigris

RESEARCH ACTIVITY THREE: Vertebrate Fauna
Colorado Natl. Monument

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (61)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Parks,
recreational facilities; Water Resource
Development(Genl); Reservoirs/Dams; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(4); Southwest(3,M); Northeast(8,M);
Central America(1,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,6

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<469>
McDaniel, Michael D., 1943, PhD, 1972, Aquatic Ecology, 215-564-3921
Dept. Limnology; Academy of Natural Sciences; 19th & Parkway; Philadelphia, PA 19103, US

PRINCIPAL FIELD: Aquatic ecology - eutrophication processes and biological pollution monitoring

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): Conservation group

EXPERIENCE (AS CONSULTANT): Mining

RESEARCH ACTIVITY ONE: Trophogenic ecology of Southwestern Reservoirs

RESEARCH ACTIVITY TWO: Ecological impact of Aubry Reservoir

RESEARCH ACTIVITY THREE: Ecological survey of White Rock Lake

INTEREST IN WORKING WITH: Mining; Local Government; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; Civic action group; conservation group; Professional society; The Institute of Ecology (TIE); The Nat'l Academy of Sciences; AEC; COE; DOD; EPA; USDI; NSF; OST; Canadian (622)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils disposal; Water Resource Development (GENI); Channelization; Dredging, filling; Reservoirs/Dams; Water supply; Water quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (3,M); South Central (3,M)

<470>
McDermott, Vincent J., 1947, BS, 1970, Biology, 609-646-8366
Ichthyological Associates; Box 70 D West Brook Lane; Absecon, NJ 08201, US

PRINCIPAL FIELD: Delineation of Zooplankton Populations. Mid-Atlantic Bight Region

COMPETENCE: Aquatic Ecology (1); Fishery Biology (2); Marine Biology (1)

EXPERIENCE (AS EMPLOYEE): State government; Civic action group; Conservation group

EXPERIENCE (AS CONSULTANT): Utility

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2092)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic (4)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<471>
McGuinness, William V., 1924, MS, 1950, Civil Engineering, 203-673-0336
WV McGuinness Consultant; 130 Woodhaven Drive; Avon, CT 06001, US

PRINCIPAL FIELD: Planning & Managing Natural Resources - Social, Economic, Environmental, Instit

COMPETENCE: Environmental Pollution (2); Environmental Management (1); Marine Biology (3); Oceanography (3); Soil Science (3); Systems Analysis (2); Water Resources Management (1); Comprehensive Coast Planning (1)

EXPERIENCE (AS EMPLOYEE): COE; DOD

EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group; USDC; COE; EPA; NSF; Other Governments

RESEARCH ACTIVITY ONE: Industrial pollution abatement costs, Connecticut River

RESEARCH ACTIVITY TWO: Marine resource planning, Long Island, NY

RESEARCH ACTIVITY THREE: Shore management guidelines

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; USDA; AEC; USDC; CC; COE; EPA; HUD; USDI; NSF; OST; AID; DOT; Other Governments (4080)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (GenI); Channelization; Dredging, filling; Beach nourishment; Reservoirs/Dams; Canals/Channels; Navigation; Flood control; Water supply; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States (1); Rocky Mountain (3); North Central (1); South Central (1); Northeast (3,M); Middle Atlantic (9,M); Asia (7); Europe, western (3)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<472>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<472>

McHugh, John L., 1911, PhD, 1950, Zoology,
516-246-3449
Marine Sci. Research Center; State University
of New York; Stony Brook, NY 11790, US

PRINCIPAL FIELD: Domestic and international
fishery management and policy

COMPETENCE: Fishery Biology(1); Limnology(3);
Fishery Management(1); Marine Biology(3);
Oceanography(2); Population Biology(3);
Systematics(3); Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): State government; USDI;
NSF; Canadian

EXPERIENCE (AS CONSULTANT): Professional society;
The Institute of Ecology (TIE); The National
Academy of Science; United Nations; USDC;
COE; NSF; OST

RESEARCH ACTIVITY ONE: Fisheries of Middle
Atlantic Bight

RESEARCH ACTIVITY TWO: State-Federal fishery
management model

RESEARCH ACTIVITY THREE: Inventory of fisheries
of New York and Middle Atlantic

INTEREST IN WORKING WITH: Conservation or
Scientific Group; United Nations; USDC; COE;
USDI; NSF; OST (1423)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Dredging, filling; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5); Middle Atlantic(22); Canada,
western(4); Europe, western U.K. U.K. (4)

AVAILABILITY (DAYS PER MONTH): A,2; S,2 - but
already committed for most but already
committed for most

<473>

McKay, Francis P., 1940, PhD, 1970, Environmental
Biology, 914-273-9183
Biology; Fordham University; Bronx, NY
10458, US

PRINCIPAL FIELD: Vertebrate behavior and ecology

COMPETENCE: Animal Behavior; Animal Ecology;
Aquatic Ecology; Fishery Biology; Population
Biology

RESEARCH ACTIVITY ONE: Population ecology &
social ethology of Poeciliopsis

RESEARCH ACTIVITY TWO: Behavior aspects of
population dynamics in fish

RESEARCH ACTIVITY THREE: Sexual behavior and
social structure in fish

INTEREST IN WORKING WITH: Agriculture; State
government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3156)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8);
Rocky Mountain(2); Middle Atlantic(2);
Mexico(M)

AVAILABILITY (DAYS PER MONTH): A,8; S,30

<474>

McKee, Guy W., 1919, PhD, 1959,
Agronomy/Physiology/Ecology, 814-865-1249
Agronomy Department; Penna State University;
219 Tyson Bldg.; University Park, PA 16802,
US

PRINCIPAL FIELD: Crop ecology and physiology
ecosystems, productivity recycling of
nutrients

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

EXPERIENCE (AS CONSULTANT): Agriculture; Mining;
Transportation; Utility; State government;
Conservation group; Professional society;
USDA; South American

RESEARCH ACTIVITY ONE: Energy flow through
soil-plant-atmosphere continuum

RESEARCH ACTIVITY TWO: Thermal pollution
disposing waste heat to soil

RESEARCH ACTIVITY THREE: Revegetation of spoil
and refuse banks

INTEREST IN WORKING WITH: Agriculture;
Construction; Mining; Transportation;
Utility; County or city government; Local or
regional planning group; State government;
Conservation group; Professional society; The
Institute of Ecology (TIE); The Nat'l Academy
of Science; United Nations; World Bank;
IUCN; USDA; COE; EPA; NSF; South American
(1579)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Highways; Soil erosion; Tailings,
spoils disposal; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); North Central(1); Middle
Atlantic(18)

AVAILABILITY (DAYS PER MONTH): A,4-5; S,4-5

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<477>
 Melack, John M., 1947, MA, 1972, Ecology,
 919-684-6678
 Zoology Dept.; Duke University; Durham, NC
 27706, US

PRINCIPAL FIELD: Aquatic primary productivity in
 tropical lakes, measurement and regulation

COMPETENCE: Animal Behavior(2); Animal
 Ecology(2); Aquatic Ecology(1);
 Biostatistics(2); Entomology(2); Fishery
 Biology(2); Forestry(2); Limnology(1); Marine
 Biology(2); Microbiology(2); Oceanography(2);
 Ornithology(2); Plant Ecology(2); Population
 Biology(2); Systems Analysis(2)

EXPERIENCE (AS EMPLOYEE): Conservation group; AEC

EXPERIENCE (AS CONSULTANT): County or city
 government; African

RESEARCH ACTIVITY ONE: Regulation of
 photosynthesis in African Lakes

RESEARCH ACTIVITY TWO: Phonoreception in arrow
 worms

RESEARCH ACTIVITY THREE: Stratification and
 transparency in African Lakes

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (3074)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Water
 Resource Development (Genl); Watershed,
 forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M);
 Southeast(2,M); Africa(1,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<476>
 Meldrim, John W., 1941, PhD, 1968, Fisheries,
 302-378-9626
 Ichthyological Associates; Box 35 R.D. 2;
 Middletown, DE 19709, US

PRINCIPAL FIELD: Behavioral and ecological
 aspects of thermal and chemical pollution

COMPETENCE: Anatomy(3); Animal Behavior(1);
 Animal Ecology(1); Aquatic Ecology(2);
 Biostatistics(3); Fishery Biology(2);
 Environmental Pollution(2); Genetics(3);
 Limnology(3); Marine Biology(3);
 Oceanography(3); Physiology(3); Population
 Biology(3); Systemics(2); Taxonomy(2)

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Temperature preferences
 and avoidances of fishes

RESEARCH ACTIVITY TWO: Responses of fishes to
 organic chemicals

INTEREST IN WORKING WITH: Manufacturing; Utility;
 Local Government; Professional Society; The
 Institute of Ecology(TIE); The National
 Academy of Sciences; International
 Organizations; U.S. Federal Government; Other
 Governments (3151)

IMPACT ASSESSMENT EXPERIENCE: Water quality
 control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(5,M); Middle Atlantic(4,M)

<477>
 Dellinger, A. Clair, 1942, PhD, 1972,
 Ecology-Rotary, 703-433-2771
 Biology; Eastern Mennonite College;
 Harrisonburg, VA 22801, US

PRINCIPAL FIELD: Plant Physiological Ecology &
 Population Ecology

COMPETENCE: Aquatic Ecology(3); Environmental
 Pollution(2); Limnology(3); Plant Ecology(1);
 Population Biology(2); Systematics(2);
 Systematics Analysis(3); Air Pollution &
 Plant Interaction(2)

EXPERIENCE (AS EMPLOYEE): Construction

EXPERIENCE (AS CONSULTANT): Manufacturing; Civic
 action group

RESEARCH ACTIVITY ONE: Consultation for the
 Purchase of Air Particulate Sampling Equipment

INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Utility; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (3972)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic(3); Southeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,All

<478>
 Menninger, Florian P. Jr., 1937, PhD, 1965,
 Immunol-Micro, 617-752-4601
 Immunobiology Dept.; Mason Research
 Institute; 18 Harvard St.; Worcester, MA
 01608, US

COMPETENCE: Bacteriology(2); Biochemistry(2);
 Environmental Pollution(3); Immunology(1);
 Microbiology(2); Virology(2)

RESEARCH ACTIVITY ONE: Test for hepatitis
 associated antigen

RESEARCH ACTIVITY TWO: Role of hormones in cancer

RESEARCH ACTIVITY THREE: Enzymes in activated
 sludge

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (772)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12,M)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<479>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<479>

Menybert, William P., 1935, ScD, 1964,
Chemistry-Medicinal Chemistry, 703-361-3848
Consultant; Pres. Council on Environmental
Action Group; 9611 Norfolk Str.; Manassas, VA
22110, US

PRINCIPAL FIELD: Specialized environmental
coatings for ships, buildings, metals etc.
for under and above water

COMPETENCE: Aquatic Ecology(3); Bacteriology(2);
Biochemistry(1); Environmental Pollution(1);
Immunology(3); Environmental Coatings(1);
Parasitology(3); Physiology(3); Reproductive
Biology(2); Water Resources Management(3);
Med. Chem. (1)

RESEARCH ACTIVITY ONE: Specialized chemistry -
vitamin study

RESEARCH ACTIVITY TWO: Soft drink additives study
- water-sweetener systems

RESEARCH ACTIVITY THREE: Environmental -
Non-Toxic fungi and mildew resistant - water
based poxies

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1574)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (GRNL); Reservoirs/Dams;
Levees/dikes; Canals/Channels; Flood control;
Water quality control; Coatings

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2);
Middle Atlantic(15,M); Europe, eastern(2)

AVAILABILITY (DAYS PER MONTH): A,?, S,?

<480>

Metz, Louis J., 1920, PhD, 1950, Forest Soils,
919-549-8193
Southeastern Forest Exp. Station; U.S. Forest
Service; P.O. Box 12254; Research Triangle
Park, NC 27709, US

PRINCIPAL FIELD: The microfauna of forest soil

COMPETENCE: Forestry(3); Soil Science(3);
Acarology(3)

RESEARCH ACTIVITY ONE: Effect of fertilizer on
soil fauna

RESEARCH ACTIVITY TWO: Effect of prescribed fire
on soil fauna

RESEARCH ACTIVITY THREE: Vertical migration of
soil fauna

INTEREST IN WORKING WITH: U.S. Federal Government
(3496)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(22,M)

<481>

Meyer, Kenneth A., 1940, PhD, 1972, Botany,
717-662-2114
Biology Department; Mansfield State College;
Grant Science Center; Mansfield, PA 16933, US

PRINCIPAL FIELD: Investigation of soil science
with respect to ecosystem structure and
function

COMPETENCE: Aquatic Ecology(2); Limnology(2);
Plant Ecology(1); Physiology(3); Population
Biology(2); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Effects of soil nutrients
on ecosystem structure

RESEARCH ACTIVITY TWO: Seasonal fluctuation of
phytoplankton

INTEREST IN WORKING WITH: USDA; COE (462)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1);
Southeast(6,M)

AVAILABILITY (DAYS PER MONTH): A,NA; S,24

<482>

Michael, Edwin D., 1938, PhD, 1966, Wildlife
Sci., 304-293-4797
Division of Forestry; West Virginia Univ.;
160 Hoffman; Morgantown, WV 26506, US

PRINCIPAL FIELD: Management of upland game animals

COMPETENCE: Animal Ecology(2); Ornithology(2);
Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

RESEARCH ACTIVITY ONE: Effects of highways on
wildlife

RESEARCH ACTIVITY TWO: Effects of strip mines on
wildlife

INTEREST IN WORKING WITH: Private Sector; State
government; The Institute of Ecology(TIE);
U.S. Federal Government; Other Governments
(931)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(9,M);
Northeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<483>
Miller, A. Richard, 1936, BS, 1959, Physics,
617-653-4772
Executive Director; Lake Cochituate Watershed
Assoc.; 61 Lake Shore Road; Natick, MA
01760, US

PRINCIPAL FIELD: Environmental action catalyst
for community Government watershed
improvement

COMPETENCE: Aquatic Ecology(3); Environmental
Pollution(2); Limnology(3); Systems
Analysis(3); Water Resources Management(2)

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; COE; EPA; FFW

RESEARCH ACTIVITY ONE: Lcwa as factor in local
and state government

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; U.S.
Federal Government (236)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Water Resource
Development (Genl); Channelization; Dredging,
filling; Watershed, forest, range; Flood
control; Water supply; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (13,M)

AVAILABILITY (DAYS PER MONTH): A,15; S,15

<484>
Miller, Arthur R., 1915, 617-548-1400
Woods Hole Oceanographic Institution; Woods
Hole, MA 02543, US

PRINCIPAL FIELD: Descriptive and Physical
Oceanography

COMPETENCE: Oceanography(1)

EXPERIENCE (AS CONSULTANT): DOD; OST; European,
western

RESEARCH ACTIVITY ONE: General dynamics,
Mediterranean Sea Oceanography

INTEREST IN WORKING WITH: The Nat'l Academy of
Sciences; United Nations; COE; DOD; EPA; NSF;
OST; AID; Asian; African; European, eastern;
European, western; South American (3541)

<485>
Miller, Brinton M., 1927, PhD, 1956, Biological
Sciences, 201-381-5000
Basic Veterinary Research; Merck Sitarp &
Dohme Res. Laboratories; Rahway, NJ 07065, US

PRINCIPAL FIELD: Protozoology - Pathogenic Forms
and Their Vectors - Microbiolpollution of
Water

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; EPA; NSF

RESEARCH ACTIVITY ONE: Water pollution
surveillance - beach

RESEARCH ACTIVITY TWO: Res. for antiamoebic agent

RESEARCH ACTIVITY THREE: Biotechnician training
modules development

INTEREST IN WORKING WITH: Agriculture; Utility;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; The Nat'l Academy of
Sciences; United Nations; USDA; COE; EPA;
FEW; NSF; OST (670)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Parks
recreational facilities; Tailings, spoils
disposal; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4)
Middle Atlantic(17,M)

AVAILABILITY (DAYS PER MONTH): A,6; S,6

<486>
Miller, Robert L., 1942, MS, 1967, Wildlife
Biology, 518-439-9906
Environmental Conservation; New York State
Wildlife Research; Van Derzee Road, Ravena,
NY 12143, US

PRINCIPAL FIELD: Life history and management of
black bear and white-tailed deer and urban
wildlife

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Biostatistics(3); Ornithology(2);
Reproductive Biology(3); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYED): State government

RESEARCH ACTIVITY ONE: Catskills, New York Bear
study

RESEARCH ACTIVITY TWO: Adirondacks Bear study

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations, U.S. Federal
Government; Other Governments (3585)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4,M)

<487>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<487>

Milstein, Charles R., 1946, MS, 1971,
Ichthyology, 609-646-8166
Ichthyological Associates; Box 700 Rd 2
Westbrook Lane; Halsecon, NJ 08201, US

PRINCIPAL FIELD: Ichthyology, Fishery Biology,
Environmental Pollution

COMPETENCE: Animal Behavior(2); Animal
Ecology(2); Aquatic Ecology(2);
Biostatistics(3); Fishery Biology(2);
Environmental Pollution(2); Marine
Biology(3); Oceanography(2); Ornithology(3);
Physiology(3); Systematics(3); Taxonomy(2)

EXPERIENCE (AS CONSULTANT): Construction; Utility

RESEARCH ACTIVITY ONE: New Jersey marine
ecological study

RESEARCH ACTIVITY TWO: Schuylkill River
ecological study

RESEARCH ACTIVITY THREE: Puffer toxin of
sphaeroides testudineus

INTEREST IN WORKING WITH: Construction; Utility;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; AEC; COE; EPA; Asian;
Central American (3366)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling; Coastal
protection/jetties; Canals/Channels;
Reservoir releases; Hydroelectric power;
Thermal Effluent

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1,M);
Middle Atlantic(1.5,M); Caribbean(2.5,M)

AVAILABILITY (DAYS PER MONTH): A, 8-10; S, 9-10

<488>

Miner, Dallas D., 1944, MS, 1968, Environmental
Journalism, 203-354-9325
Connecticut Conservation Association;
Northrop Street; Bridge Water, CT 06752, US

PRINCIPAL FIELD: Ecological Implication of Broad
Spectrum Pesticides, and/or the
Socio-Ecological Values of Wetlands

COMPETENCE: Agronomy(3); Agricultural Science(2);
Animal Ecology(3); Anthropology(2);
Environmental Pollution(1); Pest Control(2);
Population Biology(3); Water Resources
Management(3); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): Civic action group;
Conservation group

EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government; Local or regional
planning group; State government; Civic

action group; Conservation group;
Professional society; USDA; Asian

RESEARCH ACTIVITY ONE: Editorial Consultant

RESEARCH ACTIVITY TWO: Environmental Advisor

INTEREST IN WORKING WITH: Agriculture; Local
Government; International Organizations; U.S.
Federal Government; Other Governments (1144)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Parks, recreational facilities;
Pesticides, herbicides; Water Resource
Development (Genl); Channelization; Dredging,
filling; Reservoirs/Dams; Watershed, forest,
range; Flood control; Water supply; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Northeast(4,M); Asia(0.5)

AVAILABILITY (DAYS PER MONTH): A, 3; S, 5

<489>

Mitchell, Harold D., 1890, BS, 1912, Chemical
Engineering, 716-633-8612
Buffalo Soc. of Natural Science; 238 W. Royal
Ply.; Williamsville, NY 14221, US

PRINCIPAL FIELD: Ornithology in Niagara Frontier
Regional Bird population studies; Co-author
of Birds of the Niagara Frontier Region

COMPETENCE: Ornithology(2)

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Western NY possible Jet
population

RESEARCH ACTIVITY TWO: Trying to keep off road
vehicles out of posted & wildlife areas

RESEARCH ACTIVITY THREE: Setting aside areas as
wildlife refuges or bird sanctuaries

INTEREST IN WORKING WITH: Civic action group;
Professional society; COE; EPA (395)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.25); Rocky Mountain(0.16);
Southwest(0.25); North Central(6);
Northeast(22); Middle Atlantic(53,M);
Southeast(0.25); Canada, eastern(0.25)

AVAILABILITY (DAYS PER MONTH): Retired

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<490>
 Mitchell, Kenneth J., 1938, PhD, 1967, Forestry, 203-436-1098
 School for Forestry and Environmental Studies; 205 Prospect; New Haven, CT 06511, US
 PRINCIPAL FIELD: Dynamics of douglas-fir populations
 COMPETENCE: Biostatistics(2); Forestry(1); Population Biology(1); Systems Analysis(3)
 EXPERIENCE (AS EMPLOYEE): Canadian
 EXPERIENCE (AS CONSULTANT): Agriculture; Utility; State government; AEC; Canadian
 RESEARCH ACTIVITY ONE: Dynamics and simulated yield of douglas fir
 RESEARCH ACTIVITY TWO: Tree and stand data from low-level aerial photo
 RESEARCH ACTIVITY THREE: Response of douglas fir to urea fertilization
 INTEREST IN WORKING WITH: Agriculture; Local Government; Conservation or Scientific Group; United Nations; USDA; AEC; COE; EPA; OST; Other Governments (3467)
 IMPACT ASSESSMENT EXPERIENCE: Forestry
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5); Canada, western(7,M)
 AVAILABILITY (DAYS PER MONTH): A,3; S,25

<491>
 Moe, Paul G., 1931, PhD, 1959, Soil Chemistry, 304-293-5571
 Division of Plant Science; West Virginia University; 401 Brooks Hall; Morgantown, WV 26506, US
 PRINCIPAL FIELD: Soil Microbiology
 COMPETENCE: Agronomy(2); Agricultural Science(2); Aquatic Ecology(3); Bacteriology(1); Environmental Pollution(1); Marine Biology(1); Microbiology(1); Pest Control(3); Soil Science(2)
 EXPERIENCE (AS EMPLOYEE): African
 EXPERIENCE (AS CONSULTANT): Agriculture; Manufacturing; Mining; African
 RESEARCH ACTIVITY ONE: Biodegradation of pesticides
 RESEARCH ACTIVITY TWO: Modulation of tropical legumes
 RESEARCH ACTIVITY THREE: Pollution of farm ponds
 INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; D.S. Federal Government; Other Governments (4092)
 IMPACT ASSESSMENT EXPERIENCE: Irrigation; Water supply; Water quality control
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(3); North Central(10,M); Northeast(3); Africa(4,M)
 AVAILABILITY (DAYS PER MONTH): A,5; S,10

<492>
 Mohror, Robert A., 1942, PhD, 1973, Agronomy, 703-951-6539
 Agronomy Department; Virginia Polytechnic Institute; 204 Ascot Lane; Blacksburg, VA 24060, US
 PRINCIPAL FIELD: Genetics and breeding of forage crops and other species
 COMPETENCE: Agronomy(2); Genetics(1); Plant Pathology(3)
 RESEARCH ACTIVITY ONE: Complete and partial diallels for orchard grass
 INTEREST IN WORKING WITH: Agriculture; Construction; Manufacturing; State government; Professional society; USDA; USDC; COE; DOD; EPA; REW; USDI; NSF (741)
 GEOGRAPHIC FAMILIARITY (YEARS): Southeast(5,M)
 AVAILABILITY (DAYS PER MONTH): A,30; S,30

<493>
 Monschein, Tom D., 1944, BS, 1967, Wildlife Management, 919-835-5427
 District Wildlife Biologist; North Carolina Wildlife Resources Commission; 325 N. Salisbury Street; Raleigh, NC 27611, US
 PRINCIPAL FIELD: The Development and improvement of habitat for wildlife, and the collection and analysis of biological data
 COMPETENCE: Respondent lists 16 or more scientific fields
 EXPERIENCE (AS EMPLOYEE): Conservation group
 EXPERIENCE (AS CONSULTANT): Local or regional planning group; Professional society; USDA; COE
 RESEARCH ACTIVITY ONE: Effects of early September hunting on gray squirrel populations
 RESEARCH ACTIVITY TWO: Effects of hunting pressure on ruffed grouse populations
 INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; USDA; COE (787)
 IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Parks, recreational facilities; Pesticides, herbicides; Soil erosion; Water Resource Development(Genl); Channelization; Dredging, filling; Reservoirs/Dams; Watershed, forest, range; Flood control; Shoreline protection; Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Southeast(5,M)

<494>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<494>

Moore, Jerry A., 1942, MS, 1967, Wildlife,
703-378-6924
EPA Pesticide Reg. Div.; 14th & Independence;
Washington, DC 20250, US

PRINCIPAL FIELD: Wildlife Biology

COMPETENCE: Respondent lists 16 or more
scientific fieldsEXPERIENCE (AS EMPLOYEE): Agriculture; Mining;
County or city government; State government;
USDA; EPA; USDIINTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (3895)IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Forestry; Parks,
recreational facilities; Pesticides,
herbicides; Tailings, spoils disposal;
Channelization; Dredging, filling;
Reservoirs/Dams; Watershed, forest, range;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (10)

AVAILABILITY (DAYS PER MONTH): Weekends and
holidays

<495>

Moore, John R., 1934, PhD, 1965, Biology,
814-226-6000
Biology Department; Clarion State College;
Wood St.; Clarion, PA 16214, US

PRINCIPAL FIELD: Aquatic ecology specializing in
productivity studiesCOMPETENCE: Aquatic Ecology(1); Environmental
Pollution(2); Limnology(2); Plant Ecology(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; State
government; Civic action group; Conservation
group; COERESEARCH ACTIVITY ONE: Limnological survey of the
Clarion and Tionesta ReservoirsRESEARCH ACTIVITY TWO: Consultant - Water
pollution problems - Public serviceINTEREST IN WORKING WITH: Mining; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (816)IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Fish & Wildlife conservationGEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic (15,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<496>

Moore, Johnes R., 1931, PhD, 1966, 617-745-0556
Biology Dept.; Salem State College; Salem, MA
01970, US

PRINCIPAL FIELD: Estuarine ecology; Environmental
EducationCOMPETENCE: Aquatic Ecology(1); Limnology(2);
Marine Biology(1); Oceanography(1);
Ornithology(1); Plant Ecology(2);
Physiology(2)

EXPERIENCE (AS EMPLOYEE): NSP

EXPERIENCE (AS CONSULTANT): Transportation;
County or city government; State government;
Conservation group; NSPRESEARCH ACTIVITY ONE: Dynamics of a pop. of
Softshell Clams, Ipswich, MARESEARCH ACTIVITY TWO: Environmental impact
statements

RESEARCH ACTIVITY THREE: Mercury in sediments

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2009)

IMPACT ASSESSMENT EXPERIENCE: Airports

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (19,M);
Asia (1)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<497>

Moore, Stephen P., 1945, PhD, 1971, Environ.
Engineering, 617-253-1771
Department of Civil Engineering;
Massachusetts Institute of Technology; Bldg.
48 Room 427; Cambridge, MA 02139, US

PRINCIPAL FIELD: Assessment of environmental
impacts in aquatic ecosystemsCOMPETENCE: Animal Ecology(3); Aquatic
Ecology(2); Environmental Pollution(1);
Marine Biology(3); Population Biology(3);
Systems Analysis(2); Water Resources
Management(3)EXPERIENCE (AS EMPLOYEE): Local or regional
planning group; EPA; NSPRESEARCH ACTIVITY ONE: Impact of oil supertankers
on Machias Bay MaineRESEARCH ACTIVITY TWO: Offshore oil and New
England: biological effectsRESEARCH ACTIVITY THREE: Design of water quality
monitoring systemsINTEREST IN WORKING WITH: Utility; Local or
regional planning group; State government;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences; ARC;
COE; EPA; USDI; NSP (565)IMPACT ASSESSMENT EXPERIENCE: Water quality
controlGEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (8); Northeast (1,M)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<498>
Morgan, Raymond P., 1943, PhD, 1971,
Ecology-Zool., 301-326-4281
Fisheries; Chesapeake Biological Lab., NRI;
Solomons, MD 20688, US

PRINCIPAL FIELD: Analysis of environmental
effects on organisms, biochemical systematics

COMPETENCE: Respondent lists 16 or more
scientific fields

RESEARCH ACTIVITY ONE: Sublethal effects of
Baltimore Harbor water

RESEARCH ACTIVITY TWO: Biochemical determination
of striped bass pop.

RESEARCH ACTIVITY THREE: Effects of enlargement
of C & D canal

INTEREST IN WORKING WITH: Manufacturing; Utility;
Local government; Conservation or scientific
group; International organizations; AEC; COM;
EPA; USDI; MSP; OST; Other governments (940)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides,
herbicides; Dredging, filling; Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(7,M)

AVAILABILITY (DAYS PER MONTH): A,2

EXPERIENCE (AS EMPLOYEE): County or city
government

RESEARCH ACTIVITY ONE: Currents off the south
shore of Long Island, NY

INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; The Institute of Ecology;
The Nat'l Academy of Sciences; COE; EPA; USDI
(672)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<501>
Mozgala, Walter J., 1943, MS, 1973, Botany,
413-545-0171
Botany Department; Univ. of Massachusetts;
Amherst, MA 01002, US

PRINCIPAL FIELD: Blue Green Algae and
Eutrophication of Coastal Ponds

COMPETENCE: Aquatic Ecology(1); Limnology(2);
Marine Biology(2); Plant Ecology(3); Water
Resources Management(3)

EXPERIENCE (AS EMPLOYEE): DOD; USDI

EXPERIENCE (AS CONSULTANT): Manufacturing

RESEARCH ACTIVITY ONE: Ecological Survey of a
Coastal Brackish Lake

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (265)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<499>
Morris, Charlie D., 1941, PhD, 1969, Entomology,
315-473-8396
Health Department; New York state; 677 South
Salina Street; Syracuse, NY 13202, US

PRINCIPAL FIELD: Insects of medical importance

COMPETENCE: Entomology(1); Pest Control(3);
Taxonomy(3); Virology(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Transportation;
County or city government; Civic action
group; Conservation group

RESEARCH ACTIVITY ONE: Epidemiology of eastern
equine encephalitis

RESEARCH ACTIVITY TWO: Physiological age of
mosquitoes

INTEREST IN WORKING WITH: Conservation or
Scientific Group; U.S. Federal Government;
Other Governments (940)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(1,M); Northeast(2); Southeast(2)

<500>
Moskowitz, Paul D., 1949, MS, 1973, Marine
Sciences, 516-246-7710
Marine Sciences Research Center; Jorge J.
FONY at Stony Brook; Stony Brook, NY 11790, US

PRINCIPAL FIELD: Marine Environmental Studies

COMPETENCE: Biostatistics(3); Environmental
Pollution(2); Limnology(2); Computer
Analysis; Marine Biology(2); Microbiology(2);
Oceanography(2); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): DOD; USDI

EXPERIENCE (AS CONSULTANT): Manufacturing

RESEARCH ACTIVITY ONE: Ecological Survey of a
Coastal Brackish Lake

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (265)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<502>
Mugford, Paul S., 1924, AB, 1971, English,
617-356-7158
Mass. Div. Fisheries and Game; 100 Cambridge
St., MA 02202, US

PRINCIPAL FIELD: Fish and Wildlife Management

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(3); Fishery
Biology(3); Environmental Pollution(3);
Ornithology(3); Pest Control(3); Water
Resources Management(3); Wildlife
Management(2); Mineralogy(2)

INTEREST IN WORKING WITH: Agriculture; Utility;
Local Government; Conservation or Scientific
Group; USDA; COE; USDI (251)

IMPACT ASSESSMENT EXPERIENCE: Airports; Highways,
Parks, recreational facilities; Soil erosion,
Channelization; Dredging, filling; Watershed,
forest, range; Flood control; Water supply;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2)

<503>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<503>

Murphy, Poysse P., 1914, PhD, 1941, Plant
Genetics, 607-256-3101
Bradfield 523; Dept. Plant Breeding; Cornell
University; Ithaca, NY 14850, US

PRINCIPAL FIELD: Plant breeding

COMPETENCE: Agronomy(1); Agricultural Science(1);
Genetics(2); Horticulture(3); Plant
Breeding(1); Plant Pathology(3); Soil
Science(3)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Temporary Scientist
International Institute of Tropical
Agriculture, plant breeder grain legumes

RESEARCH ACTIVITY TWO: Consultant on University
Development, Thailand, Kasetsart University,
Bangkok

INTEREST IN WORKING WITH: Agriculture;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (454)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(2); North Central(28);
Northeast(25); Africa(1); South America(1);
U.S. Navy(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<504>

Madeau, Royal J., 1939, PhD, 1971, Zoology,
201-548-3347
Oil Spill Research; Edison Water Quality
Res. Laboratory; Woodbridge Ave.; Edison, NJ
08817, US

PRINCIPAL FIELD: Pollution of Coastal Waters

COMPETENCE: Biostatistics(2); Food Sciences(3);
Environmental Pollution(1); Marine
Biology(2); Oceanography(3); Population
Biology(3); Estuarine Ecology

EXPERIENCE (AS EMPLOYEE): State government; EPA

RESEARCH ACTIVITY ONE: Salt Marsh Microcosms: A
Pollution Tool

RESEARCH ACTIVITY TWO: Effect of Oil on Marine
Plots

RESEARCH ACTIVITY THREE: Salt Marsh Productivity
& Plant Export

INTEREST IN WORKING WITH: Private Sector; Local
Government; International Organizations; U.S.
Federal Government; Other Governments (57)

IMPACT ASSESSMENT EXPERIENCE: Hydroelectric
power; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6,M);
Middle Atlantic(6,M)

<505>

Naiden, Peter C., MS, 1971, Agronomy
North Varmouth Academy; 123 Main St.;
Yazmouth, ME 04096, US

PRINCIPAL FIELD: Plant and soil sciences, and
their relationship to ecological systems

COMPETENCE: Agronomy(1); Aquatic Ecology(3);
Environmental Pollution(2); Horticulture(2);
Plant Ecology(3); Soil Science(1)

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3084)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4,M)

<506>

Namkoong, Gene, 1934, PhD, 1963, Genetics,
919-755-2287
Dept. of Genetics; U.S. Forest Service; North
Carolina State University; 811 Beaver Dam
Road; Raleigh, NC 27607, US

PRINCIPAL FIELD: Population Genetics Theory and
Mathematical Ecology of Forest Species

COMPETENCE: Agricultural Science(2);
Biostatistics(2); Forestry(2); Genetics(1);
Plant Ecology(2); Population Biology(2)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Agriculture; ATO;
Asian; Canadian

RESEARCH ACTIVITY ONE: Age structure in unstable
environments

RESEARCH ACTIVITY TWO: Age variation in genetic
control of growth

RESEARCH ACTIVITY THREE: Research and breeding
program for Douglas Fir

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1258)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Northeast(2); Southeast(13,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<507>

Natarajan, K.V., 1933, PhD, 1965, Marine Science,
203-549-4200
Science Department; Greater Hartford
Community College; 34 Seguassen Street;
Hartford, CT 06106, US

PRINCIPAL FIELD: Aquatic productivity growth
factors vitamins toxins

COMPETENCE: Aquatic Ecology(1); Bacteriology(3);
Environmental Pollution(3); Limnology(1);
Marine Biology(1); Microbiology(2);
Oceanography(1); Plant Ecology(3); Population
Biology(3); Systematics(3)

EXPERIENCE (AS CONSULTANT): Manufacturing

RESEARCH ACTIVITY ONE: Shellfish toxicity in
Alaskan waters

RESEARCH ACTIVITY TWO: Biological productivity in
Cook Inlet Alaska

RESEARCH ACTIVITY THREE: Vitamins in aquatic
systems

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1071)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Northeast(2); Alaska(8,M); Asia(8)

AVAILABILITY (DAYS PER MONTH): A,8; S,30

<508>

Nelson Jr., Sigurd O., 1937, PhD, 1971, Zoology,
315-341-2829
Zoology department; State University of New
York; Oswego, NY 13126, US

PRINCIPAL FIELD: Systematics and ecology of
pseudoscorpions

COMPETENCE: Animal Ecology(3); Systematics(1)

RESEARCH ACTIVITY ONE: Population study of the
pseudoscorpion

RESEARCH ACTIVITY TWO: Pseudoscorpion systematics

INTEREST IN WORKING WITH: U.S. Federal
Government; EPA; Other Governments (1988)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(8)

<509>

Nelson, Charles W., 1924, MS, 1952, Biology,
304-529-2381
Dept. of the Army; Huntington Dist. Corps of
Engineers; P.O. Box 2127; Huntington, WV
25721, US

PRINCIPAL FIELD: Natural Scientist in the field
of water development planning

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Ecology(2); Aquatic Ecology(1);
Entomology(2); Fishery Biology(2);
Genetics(2); Limnology(1); Ornithology(2);
Parasitology(2); Plant Ecology(2);
Taxonomy(2); Water Resources Management(1);
Wildlife Management(1)

EXPERIENCE (AS EMPLOYER): Construction; State
government; COF; DOD; USDI

RESEARCH ACTIVITY ONE: Pollution investigation

Fishtrap Lake Kentucky

RESEARCH ACTIVITY TWO: Impacts of development on
natural resources

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining;
Transportation Utility; County or city
government; Local or regional planning group;
State government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; USDA; AEC; USDC; CC; EPA;
REW; HUD; NSP; OST; AID; DOT; Other
Governments (3753)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENI); Channelization; Dredging,
filling; Reservoirs/Dams; Levees/dikes;
Coastal protection/jetties; Canals/Channels;
Watershed, forest, range; Reservoir releases;
Hydroelectric power; Navigation; Flood
control; Irrigation; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(10); North Central(2); South
Central(4); Middle Atlantic(2); Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<510>

Nelson, Paul V., 1939, PhD, 1964, Horticulture,
919-755-3133
Dept. Hort. Sci.; North Carolina State
University; Raleigh, NC 27607, US

PRINCIPAL FIELD: Plant nutrition, including
biochemical aspects of absorption, foliar
fertilization

COMPETENCE: Agronomy(1); Agricultural Science(1);
Biochemistry(3); Horticulture(1);
Nutrition(1); Physiology(1); Soil Science(1)

EXPERIENCE (AS EMPLOYER): Agriculture; State
government

RESEARCH ACTIVITY ONE: Ion stim. atpase contrulet
Na and K uptake in plants

RESEARCH ACTIVITY TWO: Devel. foliar analysis
prog. for florists' crops

INTEREST IN WORKING WITH: Agriculture; State
government; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences INPC; United Nations; World Bank;
IUCN; USDA; COE; EPA; USDI; NSP; Other
Governments (469)

IMPACT ASSESSMENT EXPERIENCE: Beach nourishment

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(S,M);
Southeast(7,M); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<511>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<511>
Neumaier, Gerhard J., 1937, 716-632-4491
Ecology & Environment Inc.; 195 SUGG Rd.;
Buffalo, NY 14225, US

PRINCIPAL FIELD: Ecosystems as they are effected
by pollution

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(1); Biophysics(1); Fishery
Biology(2); Environmental Pollution(1);
Limnology(1); Marine Biology(1);
Microbiology(3); Oceanography(3); Plant
Ecology(3); Wildlife Management(2)

RESEARCH ACTIVITY ONE: Ecological effects of
nuclear power plants

RESEARCH ACTIVITY TWO: Ecological assessment of
liquid natural gas

RESEARCH ACTIVITY THREE: Ecological assessment of
SWG plant

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (320)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy
conversion/production; Parks, recreational
facilities; Channelization; Dredging,
filling; Beach nourishment; Reservoirs/Dams;
Watershed, forest, range; Navigation; Water
supply; Water quality control; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2);
North Central(1); Northeast(6); Middle
Atlantic(1)

<512>
Neumann, Edward S., 1942, PhD, 1969, Civil
Engineering, 304-293-5580
Dept. Civil Engineering; West Virginia
University; Engineering Sciences Bldg.;
Morgantown, WV 26506, US

PRINCIPAL FIELD: Urban systems engineering and
planning

COMPETENCE: Environmental Pollution(3); Systems
Analysis(2); Taxonomy(3); Water Resources
Management(3); Environmental Perception(2)

EXPERIENCE (AS EMPLOYEE): COE

EXPERIENCE (AS CONSULTANT): Local or regional
planning group

RESEARCH ACTIVITY ONE: Southern W. Va.
environmental health plan

RESEARCH ACTIVITY TWO: Poadside rest area
evaluation

RESEARCH ACTIVITY THREE: Helicopter delivery of
medical care

INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Professional society; The
National Academy of Sciences INRC; COE; EPA;
HUD; NSP; DOT (1945)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(genl); Channelization; Dredging,
filling; Beach nourishment; Coastal
protection/jetties; Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
South Central(2); Middle Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,20

<513>
Neves, Richard J., 1946, MS, 1973 ASCH
University of Maine, Fisheries, 207-581-7941
Dept. of Zoology; University of Maine; 417
Hillman St.; New Bedford, MA 02740, US

PRINCIPAL FIELD: Freshwater fishery biology

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(2); Fishery
Biology(1); Environmental Pollution(3);
Limnology(2); Marine Biology(3); Reproductive
Biology(3); Wildlife Management(3)

RESEARCH ACTIVITY ONE: Bass yearclass strength

INTEREST IN WORKING WITH: Manufacturing; Mining;
Utility; Local Government; Conservation or
Scientific Group; International
Organizations; D.S. Federal Government;
Canadian (1486)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): South Central(1);
Northeast(4,M)

<514>
Newton, David C., 1939, PhD, 1967, Entomology,
203-225-7481
Biological Sciences; Central Connecticut
State College; 1615 Stanley Street; New
Britain, CT 06050, US

PRINCIPAL FIELD: Apiculture; Honey Bee Behavior

COMPETENCE: Anatomy(1); Entomology(2)

INTEREST IN WORKING WITH: Agriculture; State
government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(1666)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<515>
Nickel, Ross, 1937, MA, 1962, Chemistry,
215-787-7821
Environmental Technology; College of
Engineering Technology; Broad & Columbia;
Philadelphia, PA 19122, US

PRINCIPAL FIELD: Environmental education,
industrial relations analysis of pollutants &
other chemical applications

COMPETENCE: Environmental Pollution(1)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (197)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12)

AVAILABILITY (DAYS PER MONTH): A,20; S,30

<516>
Nickerson, Norton H., 1926, PhD, 1953, Botany,
617-628-5000
Dept. of Biology; Tufts University; Medford,
MA 02155, US

PRINCIPAL FIELD: Impact and dependence of man on
ecosystems of both natural and man-created
origin

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(2); Genetics(2); Limnology(2);
Archaeology (Vegetal remains) (1); Marine
Biology(2); Oceanography(3); Plant
Ecology(1); Ethnology (Primitive crops and
medicinal plants) (1)

EXPERIENCE (AS EMPLOYEE): Construction

EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional Society; EPA; USDI; NSF; Central
American

RESEARCH ACTIVITY ONE: Analysis of Nantucket
Sound Islands Trust bill

RESEARCH ACTIVITY TWO: Eutrophication of Cobbossee
Watershed Maine

RESEARCH ACTIVITY THREE: Coastal wetlands
Groundtruth Dennis and Truro

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1451)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Water Resource Development(GENL);
Dredging, filling; Beach nourishment; Coastal
protection/jetties; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation; Conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2);
North Central(7); Northeast(15,M); Central
America(0.75)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<517>
Nixon, Scott W., 1943, PhD, 1969, Botany Ecology,
401-792-6258
Oceanography School; University of Rhode
Island; Bay Campus; Kingston, RI 02879, US

PRINCIPAL FIELD: Ecological energetics systems
analysis simulation

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Environmental Pollution(3);
Limnology(1); Marine Biology(1);
Oceanography(1); Plant Ecology(1); Population
Biology(3); Systems Analysis(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; USDC

RESEARCH ACTIVITY ONE: Marsh ecology

RESEARCH ACTIVITY TWO: Ecology of small boat
marinas

RESEARCH ACTIVITY THREE: Simulation model of
Narragansett Bay

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1716)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Coastal protection/jetties;
Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4,M);
Middle Atlantic(4,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,3

<518>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<518>

Wvquist, David, 1938, PhD, 1967, Limnology,
703-522-1827
Head Aquatic Ecology; U.S. EPA; 1901 N. Pt.
Myer Drive; Arlington, VA 22209, US

PRINCIPAL FIELD: Limnology Water Pollution
Biology Chemistry Benthic Fauna Fishes

COMPETENCE: Animal Behavior(3); Aquatic
Ecology(1); Bacteriology(3);
Biostatistics(3); Fishery Biology(1);
Environmental Pollution(1); Limnology(1);
Marine Biology(3); Microbiology(3);
Oceanography(3); Physiology(3); Taxonomy(1);
Water Resources Management(1); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYEE): County or city
government; Local or regional planning group;
State government; DOD; EPA

RESEARCH ACTIVITY ONE: Limnology of two
dissimilar subarctic streams

RESEARCH ACTIVITY TWO: Distribution of lead in
lentic waters

RESEARCH ACTIVITY THREE: Contingency plan for
Summit & Paxson Lakes

INTEREST IN WORKING WITH: Construction;
Manufacturing; Local Government; County or
city government; Local or regional planning
group; State government; Conservation or
Scientific Group; Civic action group;
Conservation group; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences USDA; AEC; USDC; CC; COE; DOD; EPA;
HEW; HUD; USDI; NSP; OST; AID; DOT (1538)

IMPACT ASSESSMENT EXPERIENCE: Highways; Tailings,
spoils disposal; Water Resource
Development(Genl); Channelization;
Reservoirs/Dams; Protection/Jetties lakes;
Reservoir releases; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2,M); Rocky Mountain(4,M); Middle
Atlantic(2); Alaska(3,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<519>

O'Briant, Samuel E., 1946, BA, 1968, Botany,
919-758-6718
Biology; East Carolina University;
Greenville, NC 27834, US

PRINCIPAL FIELD: Taxonomic and morphological
knowledge of marine algae its reproduction
and life history

COMPETENCE: Aquatic Ecology(3); Horticulture(3);
Limnology(3); Marine Biology(2);
Oceanography(2); Plant Ecology(2);
Phycology(1)

RESEARCH ACTIVITY ONE: Floristic survey of
Morehead City, Fort Macon Jettys, North
Carolina

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4042)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); North Central(1); Southeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<520>

Ode, Philip E., 1935, PhD, 1935, Entomology,
412-688-7700
Biology Department; Thiel College;
Greenville, PA 16125, US

PRINCIPAL FIELD: Animal dispersal; biology of
Diptera

COMPETENCE: Agricultural Science(3); Animal
Behavior(2); Animal Ecology(2); Aquatic
Ecology(3); Bacteriology(1); Genetics(2);
Limnology(2); Microbiology(3);
Parasitology(2); Pest Control(2); Population
Biology(1); Systematics(3); Taxonomy(3);
Wildlife Management(2)

RESEARCH ACTIVITY ONE: Bionomics of milkweed
beetle

RESEARCH ACTIVITY TWO: Drosophila dispersal

INTEREST IN WORKING WITH: Agriculture; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; TIE; AEC; COE; EPA; HEW
(246)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13,B);
Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,1; S,5

TABLE 1 - RESPONDENTS
ALPHABETICAL LISTING

<521>
 Odum, William E., 1942, PhD, 1969, Marine Sciences, 703-924-3761
 Environmental Sciences; University of Virginia; Brooks Hall; Charlottesville, VA 22903, US
 Reservoir R.Y., N.J., & PA
 RESEARCH ACTIVITY THREE: Fish & Wildlife Chesapeake Bay and tributaries
 INTEREST IN WORKING WITH: Agriculture; Transportation; Utility; Local Government; Conservation or Scientific Group; U.S. Federal Government (3564)
 PRINCIPAL FIELD: Secondary productivity of estuarine and coastal ecosystems
 IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy conversion/production; Forestry; Highways; Tailings, spoils disposal; Water Resource Development (GENL); Channelization; Dredging filling; Beach nourishment; Reservoirs/Dams; Levees/dikes; Coastal protection/jetties; Canals/Channels; Watershed, forest, range; Reservoir releases; Hydroelectric power; Navigation; Flood control; Water supply; Water quality control; Shoreline protection; Fish & Wildlife conservation
 COMPETENCE: Animal Ecology(2); Aquatic Ecology(1); Biostatistics(3); Fishery Biology(2); Forestry(3); Environmental Pollution(2); Limnology(2); Marine Biology(2); Microbiology(3); Oceanography(3); Plant Ecology(3); Systems Analysis(3); Water Resources Management(2); Wildlife Management(2)
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1); Southeast(9,M); SE Asia(1)
 AVAILABILITY (DAYS PER MONTH): A,8; S,15
 EXPERIENCE (AS CONSULTANT): Agriculture; Transportation; Utility; State government; Conservation group; The Nat'l Academy of Sciences; United Nations; USDA; USDI; NSP; Canadian
 RESEARCH ACTIVITY ONE: Ecological stability of North Carolina Barrier Islands
 RESEARCH ACTIVITY TWO: Secondary productivity of a mangrove swamp
 RESEARCH ACTIVITY THREE: Comparison of estuarine marshes
 INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (101)
 IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides; Water Resource Development (GENL); Dredging, filling; Shoreline protection; Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(2); Southeast(5); Canada, western(1)
 AVAILABILITY (DAYS PER MONTH): A,5; S,15
 <523>
 Ollendorff, Richard R., 1943, PhD, 1971, Zoology, 206-ES3-4870
 Dept. of Ornithology; American Museum of Natural History; Central Park West at 79th Street; New York, NY 10024, US
 PRINCIPAL FIELD: Avian Ecology & Mammalian and Comparative Physiology Both in Lab and Field
 COMPETENCE: Anatomy(2); Animal Behavior(2); Animal Ecology(1); Anthropology(3); Biochemistry(3); Environmental Pollution(2); Genetics(3); Ornithology(1); Physiology(1); Population Biology(2); Reproductive Biology(2); Systematics(3); Systems Analysis(3); Taxonomy(3); Wildlife Management(1)
 EXPERIENCE (AS CONSULTANT): State government
 RESEARCH ACTIVITY ONE: Growth in three species of hawks
 RESEARCH ACTIVITY TWO: Impact of raptorial birds on grasslands
 RESEARCH ACTIVITY THREE: Population dynamics of raptors in shortgrass prairie
 INTEREST IN WORKING WITH: Agriculture; Construction; Utility; Local Government; Conservation or Scientific Group; International Organizations; USDA; AEC; NSDC; CC; COE; DOD; EPA; USDI; NSP; OST; ATD; African; Canadian; European, western (3527)
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Rocky Mountain(5,M)
 AVAILABILITY (DAYS PER MONTH): A,22; S,22
 <522>
 Old, Warren T. Jr., 1936, BSF, 1958, Wildlife Management, 617-223-2983
 USDI; U.S. Fish & Wildlife Service; U.S. Post Office & Courthouse; Boston, MA 02109, US
 PRINCIPAL FIELD: Evaluating effects of water resource projects on fish and wildlife resources
 COMPETENCE: Animal Ecology(3); Aquatic Ecology(3); Fishery Biology(2); Forestry(2); Environmental Pollution(3); Limnology(3); Marine Biology(3); Ornithology(3); Plant Ecology(3); Water Resources Management(1); Wildlife Management(1)
 EXPERIENCE (AS EMPLOYEE): USDI
 EXPERIENCE (AS CONSULTANT): USDA; AEC; COE; EPA
 RESEARCH ACTIVITY ONE: Alcovy River, Georgia watershed evaluation
 RESEARCH ACTIVITY TWO: Tocks Island Dam &

<524>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<524>

Olson, Gerald, W., 1932, PhD, 1962, Soils,
607-256-3267
Agronomy; 701 Bradford Hall; Ithaca, NY
14850, US

PRINCIPAL FIELD: Soil science in resource
development

COMPETENCE: Agronomy(1); Agricultural Science(1);
Anthropology(2); Environmental Pollution(2);
Plant Ecology(2); Soil Science(1); Water
Resources Management(2)

RESEARCH ACTIVITY ONE: PAO archaeology engr.

RESEARCH ACTIVITY TWO: Archaeology

RESEARCH ACTIVITY THREE: Engr.

INTEREST IN WORKING WITH: Agriculture;
Construction; Transportation; County or city
government; Local or regional planning group;
State government; Professional society; The
Institute of Ecology (TIE); The Nat'l Academy
of Sciences INRC; United Nations; World Bank;
USDA; COE; EPA; HUD; USDI; NSP; OST; AID;
DOT; Asian; Central American; South American
(1805)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Highways; Soil erosion;
Channelization; Reservoirs/Dams; Watershed,
forest, range; Flood control; Irrigation;
Water supply

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
Northeast(10); Asia(2); Central America(1)

AVAILABILITY (DAYS PER MONTH): Depends

<525>

Onland, Per A., 1945, MS, 1970, Sci. Ed. Sec.,
315-336-0771
Utica Bd. Education; Canterbury Hill Rd.;
Pome, NY 13440, US

PRINCIPAL FIELD: Environmental education both
technical and general all age levels, multi-
media presentations

COMPETENCE: Agronomy(2); Agricultural Science(3);
Animal Ecology(1); Entomology(3);
Environmental Pollution(2); Plant Ecology(3);
Population Biology(2); Soil Science(3);
Wildlife Management(1); Environmental
Education(1)

EXPERIENCE (AS EMPLOYEE): University of Georgia
Departments of Botany and Entomology

RESEARCH ACTIVITY ONE: Precious metals
reclamation - pollution control

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; United
Nations; World Bank; USDA; AEC; CC; COE; DOD;
EPA; HEW; HUD; USDI; NSP; OST; AID; African;
Canadian; South American (3566)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M);
Southeast(M)

AVAILABILITY (DAYS PER MONTH): A, 10; S, 30

<526>

Osborne, Thomas S., 1926, PhD, 1954,
Radiobiology, 717-436-8421
Seeking Employment; R.D. 2, Box 307;
Mifflintown, PA 17059, US

PRINCIPAL FIELD: Ionizing radiations and
radionuclides in the biosphere

COMPETENCE: Agronomy(2); Agricultural Science(3);
Biostatistics(2); Biophysics(2); Forestry(3);
Genetics(1); Horticulture(2); Radiation
Biology(1); Microbiology(3); Soil Science(3);
Virology(3); Plant Morphogenesis(1)

EXPERIENCE (AS EMPLOYEE): United Nations; USDA;
ARC

EXPERIENCE (AS CONSULTANT): Agriculture

RESEARCH ACTIVITY ONE: Neutron and gamma-ray
response of seeds, plants

RESEARCH ACTIVITY TWO: Neutron and gamma-ray
response of seeds, plants

RESEARCH ACTIVITY THREE: X Rays on Boston ivy buds

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; EPA; HEW; NSP; OST; AID; Other
Governments (2327)

IMPACT ASSESSMENT EXPERIENCE: Radiations and
isotopes

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3,M); South Central(1); Northeast(3);
Southeast(15,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<527>
 Outen, Ronald R., 1947, MS, 1973, Ecology,
 919-933-2077
 Zoology; Carolina Resource Consultants; 711
 Hillview St.; Carrboro, NC, US

PRINCIPAL FIELD: Limnology - Stream System -
 Writing or Evaluating NEPA Statements

COMPETENCE: Animal Behavior(3); Aquatic
 Biology(2); Biostatistics(3); Environmental
 Pollution(3); Limnology(2); Marine
 Biology(3); Ornithology(3); Population
 Biology(2); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): Council of
 Environmental Quality

EXPERIENCE (AS CONSULTANT): State government;
 Civic action group; Conservation group

RESEARCH ACTIVITY ONE: Writing NEPA Statement -

RESEARCH ACTIVITY TWO: Review of NEPA Statements

RESEARCH ACTIVITY THREE: Informal Consultation

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 U.S. Federal Government; USDA; AEC; USDC; CC;
 COE; DOD; EPA; HEW; HUD; USDI; NSP; OST; AID;
 DOT; Other Governments (3068)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Highways; Parks, recreational facilities;
 Soil erosion; Tailings, spoils disposal;
 Water Resource Development (Genl);
 Channelization; Dredging, filling;
 Reservoirs/Dams; Canals/Channels; Flood
 control; Water supply; Fish & Wildlife
 conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (5,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,30

<528>
 Oviatt, Candace A., 1939, PhD, 1967, Biol.
 Oceanography, 401-792-6258
 Grad Sch. Oceanography; Univ. Rhode Island;
 Box 17; Kingston, RI 02882, US

PRINCIPAL FIELD: Total System Studies and Models
 of Estuarine Areas

COMPETENCE: Animal Behavior(2); Animal
 Ecology(2); Aquatic Ecology(2);
 Biostatistics(2); Fishery Biology(2);
 Environmental Pollution(2); Limnology; Marine
 Biology(1); Oceanography(2); Population
 Biology(2); Systems Analysis(2)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Ecology of a New England
 Salt Marsh

RESEARCH ACTIVITY TWO: Ecological Model of
 Narragasset Bay

RESEARCH ACTIVITY THREE: Solid Waste Disposal in
 the Ocean

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 AEC; COE; EPA; HEW; USDI; NSP; Other
 Governments (2054)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Tailings, spoils
 disposal; Water Resource Development (Genl)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<529>
 Ozmina, David J., 1940, MS, 1965, Fisheries,
 304-253-8309
 President; D & D Reclamation, Inc.; PO Box
 1004; Beckley, WV 25801, US

PRINCIPAL FIELD: Pre-planning for total land
 utilization

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): State government; USDA;
 USDI

EXPERIENCE (AS CONSULTANT): Mining; Local or
 regional planning group

RESEARCH ACTIVITY ONE: Land stabilization, and
 water utilization of drastically disturbed
 areas

RESEARCH ACTIVITY TWO: Chem. Phys. Biol. changes
 in a reservoir after rehabilitation

RESEARCH ACTIVITY THREE: Basic research on acid
 spoils in South Ill.

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (2404)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Forestry; Highways; Soil erosion; Tailings,
 spoils disposal; Channelization; Dredging,
 filling; Reservoirs/Dams; Watershed, forest,
 range; Reservoir releases; Irrigation; Water
 quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3,M);
 Rocky Mountain(1); Middle Atlantic(5,M);
 South Central(2,M)

AVAILABILITY (DAYS PER MONTH): Open

<530>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<530>

Packer, Randall K., 1945, PhD, 1970, Zoology,
202-676-6977
Biological Sciences; The George Washington
University; 306 Bell Hall; Washington, DC
2000f, US

PRINCIPAL FIELD: Extra-renal electrolyte and
water balance in fish, reptiles and amphibia

COMPETENCE: Aquatic Ecology(3); Physiology(1)

EXPERIENCE (AS EMPLOYEE): COE

RESEARCH ACTIVITY ONE: Anoxia and Na loss in
brook trout at low pH

RESEARCH ACTIVITY TWO: Salt gland of sea snakes

RESEARCH ACTIVITY THREE: Ion and water balance of
mutant

INTEREST IN WORKING WITH: Mining; Utility; Civic
action group; Conservation group; The
Institute of Ecology (TIE); United Nations;
World Bank; COE; EPA; OST; African; Canadian;
South American (415)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Water Resource Development(genl);
Mine acid drainage

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6)

AVAILABILITY (DAYS PER MONTH): S,20

<531>

Page, Robert Z., 1918, BA, 1947, Zoology,
202-697-6959
U.S. Navy; Naval Facilities Engineering
Command; Washington, DC 20390, US

PRINCIPAL FIELD: Pest control program management

COMPETENCE: Anatomy(3); Bacteriology(3);
Entomology(1); Marine Biology(2);
Microbiology(3); Parasitology(3); Pest
Control(1)

EXPERIENCE (AS EMPLOYEE): DOD

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1961)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Middle Atlantic(20); Southeast(3);
Asia(1)

<532>

Parker, Bruce C., 1933, PhD, 1960, Botany,
703-951-5508
Biology; Virginia Polytechnic Institute and
State University; Blacksburg, VA 24061, US

PRINCIPAL FIELD: Microbial (Algal, Bacterial,
Fungal, etc.) Ecology and Physiology

COMPETENCE: Anatomy; Aquatic Ecology;
Bacteriology; Biochemistry; Environmental
Pollution; Phycology; Marine Biology;
Microbiology; Plant Ecology; Physiology

EXPERIENCE (AS CONSULTANT): Manufacturing; Local
or regional planning group; Conservation
group; COE; NSP

RESEARCH ACTIVITY ONE: Testing Models for
Antarctic Freshwater Lakes

RESEARCH ACTIVITY TWO: Environmental Impact
Study: Algal and Bacterial Ecology

RESEARCH ACTIVITY THREE: Investigations of
Freshwater Microlayer Biology and Chemistry

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2063)

IMPACT ASSESSMENT EXPERIENCE: Reservoir/Dam;
Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4); Southwest(3); South Central(4);
Northeast(2); Southeast(4); Europe,
western(1.5); South America(0.1);
Antarctica(0.1)

AVAILABILITY (DAYS PER MONTH): A,87; S,157

<533>

Parks, John M., 1937, PhD, 1968, Botany -
Ecology, 304-444-4848
Education - Biological Programs; West
Virginia Institute of Technology; P.O. Box
344; Montgomery, WV 25136, US

PRINCIPAL FIELD: Physiological plant ecology and
plant systems ecology - allelopathy

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Construction

RESEARCH ACTIVITY ONE: A study of the effect of
certain species leaf litter on the growth of
certain plants

RESEARCH ACTIVITY TWO: A preliminary study of
effects of certain forest species leaf
material on germination and growth of other
species

RESEARCH ACTIVITY THREE: Effect of certain seed
plants upon growth of certain blue-green algae

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (849)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
South Central(3,M); Middle Atlantic(6);
Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,0; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<534>
Parnell, James F., 1934, PhD, 1964, Zoology,
919-791-4330
Biology Department; University North Carolina
Wilmington; College Road; Wilmington, NC
28401, US

PRINCIPAL FIELD: Ecology of vertebrates, special
reference to habitat associations and
community succession

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Forestry(3); Ornithology(1);
Plant Ecology(2); Wildlife Management(3)

RESEARCH ACTIVITY ONE: Smith Island, A Resource
Capability Study

RESEARCH ACTIVITY TWO: Community Succession on
Dredge Island

RESEARCH ACTIVITY THREE: Reproduction Biology of
the Osprey

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organization; COE;
Environmental Protec. Ag.; Interior;
National Science Foundation; African; South
American (52)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(13)

AVAILABILITY (DAYS PER MONTH): A,2; S,4-6

<535>
Parrack, Michael L., 1943, MS, 1970,
Biostatistics, 617-548-5123
Nat. Marine Fisheries Service; Woods Hole
Biological Lab.; Woods Hole, MA 02543, US

COMPETENCE: Animal Ecology(3); Biostatistics(1);
Fishery Biology(2); Limnology(2); Marine
Biology(2); Population Biology(2); Range
Science(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): USDC

EXPERIENCE (AS CONSULTANT): State government; USDI

RESEARCH ACTIVITY ONE: Est. Total Fishing Eff. on
Shelf from Areal Observation

RESEARCH ACTIVITY TWO: Est. Wt. Flounder
Discarded at Sea by U.S. Fisherman

RESEARCH ACTIVITY THREE: Describe Comm. Fish.
Parameters, 5 Reservoirs in Oklahoma

INTEREST IN WORKING WITH: Manufacturing;
Transportation; County or city government;
Local or regional planning group; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; United Nations; World Bank;
IUCN; AFC; COE; DOD; NSF; AID; Asian (1130)

IMPACT ASSESSMENT EXPERIENCE: Highways; Soil
erosion; Reservoirs/Dams; Reservoir releases;
Fish Resource Production

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(6,M);
Northeast(3,M); Middle Atlantic(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<536>
Paterson, Robert A., 1926, PhD, 1957, Botany,
703-951-6407
Department of Biology; Virginia Polytech
Inst. State University; Blacksburg, VA
24061, US

PRINCIPAL FIELD: Ecology and taxonomy aquatic
fungi

COMPETENCE: Aquatic Ecology(3); Mycology(1)

EXPERIENCE (AS CONSULTANT): NSF

RESEARCH ACTIVITY ONE: Modeling of antarctic
ecosystems

RESEARCH ACTIVITY TWO: Parasitic and saprophytic
antarctic fungi

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; NSF; Other Governments (427)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3); North Central(4); Middle
Atlantic(16,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<537>
Patrick, David K., 1929, BS, 1960, Wildlife
Management, 603-237-4812
Robert W. Shaw, Associates; RFD #2;
Colebrook, NH 03576, US

PRINCIPAL FIELD: Wildlife management and animal
ecology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture;
Manufacturing; USDI

EXPERIENCE (AS CONSULTANT): Manufacturing; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation group

INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1412)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Watershed, forest,
range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(10,M);
Middle Atlantic(2); Alaska(M)

AVAILABILITY (DAYS PER MONTH): A,10; S,15

<538>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<538>

Paulson Jr., Donald L., 1943, MS, 1968, Plant
Industries, 914-694-6856
Tech. Sales Service; Ciba-Geigy Corp.; Saw
Mill River Road; Ardsley, NY, US

PRINCIPAL FIELD: Pest control

COMPETENCE: Agronomy (2); Agricultural Science (2);
Entomology (1); Pest Control (1);
Physiology (3); Soil Science (2)

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3410)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Soil erosion;
Channelization

GEOGRAPHIC FAMILIARITY (YEARS): North Central (6);
Northeast (2)

<539>

Paulson, Glenn L., 1941, PhD, 1971, Ecology,
212-986-8310
Natural Resources Defense Council; 36 West
44th Street; New York, NY 10036, US

PRINCIPAL FIELD: Environmental toxicology,
especially of air, water, and other pollutants

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Civic action group

EXPERIENCE (AS CONSULTANT): County or City
government; Local or regional planning group;
Civic action group; Conservation group;
Professional society; The Nat'l Academy of
Sciences; CC; EPA; HEW; HUD; NSF

RESEARCH ACTIVITY ONE: Long-term effects of
pesticides in stress conditions

RESEARCH ACTIVITY TWO: Environmental consequences
of highways

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Mining; Transportation;
Utility; Local Government; Conservation or
scientific Group; International Organizations;
U.S. Federal Government (1052)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Highways; Pesticides,
herbicides; Water Resource Development (GENL);
Reservoirs/Dams; Hydroelectric power; Water
supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (8,M);
Middle Atlantic (2,M); Europe, western (1)

AVAILABILITY (DAYS PER MONTH): A,35; S,15

<540>

Payne, Harrison H., 1925, PhD, 1964, Field
Biology, 315-476-3151
Dept. of Forest Zoology; SUNY College of
Environmental Science & Forestry; Syracuse,
NY 13210, US

PRINCIPAL FIELD: Interpreting natural history
study of rare and endangered animals

COMPETENCY: Animal Ecology (3); Forestry (2);
Ornithology (3); Wildlife Management (2); Field
Natural History (1)

EXPERIENCE (AS CONSULTANT): IUCN; Canadian

RESEARCH ACTIVITY ONE: Ecosurvey of Cape Vincent
New York

RESEARCH ACTIVITY TWO: Ecological survey of deer
lick

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (3154)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (23M)

AVAILABILITY (DAYS PER MONTH): A,2; S,15

<541>

Peakall, David B., PhD, 1956, Chemistry,
607-256-6583
Dept. of Ecology and Systematics; Cornell
University; Langmuir Laboratory; Ithaca, NY
14850, US

PRINCIPAL FIELD: Biochemical and physiological
effects of persistent environmental chemicals

COMPETENCE: Biochemistry (2); Ornithology (1);
Reproductive Biology (3)

EXPERIENCE (AS CONSULTANT): The National Academy
of Sciences; COE; EPA; HEW; NSF; Canadian

RESEARCH ACTIVITY ONE: Organochlorines and avian
reproduction

RESEARCH ACTIVITY TWO: US USSR environmental
program

RESEARCH ACTIVITY THREE: Toxic substances act

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (3482)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (14);
Europe, western (5)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<542>

Pearson, James G., 1945, MA, 1969, Zoology,
301-671-2586
Aquatic Ecology Unit; Ecological Research
Section; Biomedical Laboratory; Edgewood
Arsenal, MD 21010, US

PRINCIPAL FIELD: Identify and evaluate actual and
potential sources of aquatic pollution

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Biostatistics(2); Fishery
Biology(1); Environmental Pollution(3);
Limnology(2); Marine Biology(2);
Oceanography(3); Physiology(2); Population
Biology(3); Systematics(3); Taxonomy(3);
Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): DOD

RESEARCH ACTIVITY ONE: Environ monitoring program
Edgewood Arsenal, MD

RESEARCH ACTIVITY TWO: Installation assessment
Piedstone Arsenal, Alabama

RESEARCH ACTIVITY THREE: Preliminary environ
survey Pine Bluff Arsenal, Arkansas

INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology (TIE); The National
Academy of Sciences; United Nations; World
Bank; IDCN; AEC; CC; COE; DOD; EPA; HEW; NSF;
OST; DOT (425)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Forestry; Parks,
recreational facilities; Pesticides,
herbicides; Soil erosion; Tailings, spoils
disposal; Water Resource Development(gerl);
Dredging, filling; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Middle Atlantic(3,M); Southeast(1)

<543>

Peet, Robert K., 1947, MS, 1971, Botany,
608-365-8626
Ecology and Systematics; Cornell University;
224 Langmuir Labs.; Ithaca, NY 14850, US

PRINCIPAL FIELD: Natural area evaluation; plant
community; structure, diversity, plant
populations, succession

COMPETENCE: Animal Ecology(3); Forestry(2); Plant
Ecology(1); Soil Science(3); Systematics(3);
Taxonomy-Plant(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): State government;
Civic action group; Conservation group; USDI

RESEARCH ACTIVITY ONE: Consultant & employee -
Wisconsin scientific area council, survey.

RESEARCH ACTIVITY TWO: Forest structure &
dynamics, Rocky Mountains, Colorado

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; U.S.
Federal Government; Canadian (513)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(0.5); North Central(2); Northeast(1)

<544>

Perkins, Frank O., 1938, PhD, 1966, Biology,
703-642-2111
Department of Microbiology-Pathology;
Virginia Institute of Marine Science;
Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Cell biology of massive protozoa
and fungi

COMPETENCE: Aquatic Ecology(2); Bacteriology(2);
Fishery Biology(2); Marine Biology(3);
Microbiology(1); Parasitology(2); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Cell biology of marine
coccolid fungi

RESEARCH ACTIVITY TWO: Cell biology of
haplosporidians

RESEARCH ACTIVITY THREE: Ultrastructure of
jellyfish muscle contraction

INTEREST IN WORKING WITH: Local Government;
County or city government; Local or regional
planning group; State government;
Conservation or Scientific Group; U.S.
Federal Government; Other Governments (3658)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(13,M)

AVAILABILITY (DAYS PER MONTH): A,7; S,7

<545>

Perry, Thomas O., 1925, 919-755-2892
Dept. of Forestry; North Carolina State
University; Box 5488 Biltmore Hall; Raleigh,
NC 27607, US

PRINCIPAL FIELD: Genetics and Physiology of Trees

COMPETENCE: Forestry; Genetics; Physiology;
Population Biology

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group; Professional society

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; CC; COE;
HUD (778)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Soil erosion;
Watershed, forest, range; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Northeast(3); Southeast(18)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<546>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<546>
 Petersen, Gary W., 1939, PhD, 1965, Soils,
 B14-865-1143
 Agronomy Dept.; Penn. State Univ.; 119 Tyson;
 University Park, PA 16802, US

PRINCIPAL FIELD: Land use, remote sensing,
 soil-water relationships, automatic data
 processing

COMPETENCE: Agronomy(1); Soil Science(1); Water
 Resources Management(2); Remote Sensing(1)

RESEARCH ACTIVITY ONE: Characterization of Soil
 Resources

RESEARCH ACTIVITY TWO: Applications of remote
 sensing data

RESEARCH ACTIVITY THREE: Soil suitability for
 septic tanks

INTEREST IN WORKING WITH: Construction;
 Transportation; County or City government;
 Conservation or Scientific Group;
 International Organizations; OSDA; CC; COE;
 DOD; EPA; HEW; HUD; USOI; NSF; OST; AID;
 Other Governments (3077)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
 erosion; Water Resource Development (Genl);
 Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
 Northeast (8,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<547>
 Peterson, Charles H., 1946, PhD, 1972, Ecology,
 301-455-2268
 Biological Sciences; University of Maryland
 Baltimore County; 5401 Wilkens Avenue;
 Catonsville, MD 21228, US

PRINCIPAL FIELD: Population and Community Biology
 of Marine Molluscs in Particular

COMPETENCE: Animal Ecology(1); Aquatic
 Ecology(1); Biostatistics(2); Fishery
 Biology(3); Environmental Pollution(3);
 Marine Biology(1); Oceanography(2); Pest
 Control(3); Plant Ecology(3); Population
 Biology(1); Systems Analysis(3); Taxonomy(2);
 Malacology(2)

EXPERIENCE (AS CONSULTANT): Civic action group;
 Conservation group

RESEARCH ACTIVITY ONE: Effects of disturbance of
 marine bivalve communities

RESEARCH ACTIVITY TWO: Effects of opening Mugu
 lagoon to the public

RESEARCH ACTIVITY THREE: Computer simulation of
 the effects of clumping

INTEREST IN WORKING WITH: Agriculture; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1201)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
 facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(4,M); Northeast(2,M); Middle
 Atlantic(1,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<548>
 Pfaender, Frederic K., 1943, PhD, 1971,
 Microbiology, 919-933-2151
 Environ. Science & Engineer.; University of
 North Carolina; School of Public Health;
 Chapel Hill, NC 27514, US

PRINCIPAL FIELD: Environmental metabolism and
 effects of pesticides and organic pollutants

COMPETENCE: Aquatic Ecology(3); Bacteriology(1);
 Biochemistry(2); Environmental Pollution(1);
 Microbiology(1)

EXPERIENCE (AS CONSULTANT): Civic action group

RESEARCH ACTIVITY ONE: Microbial degradation of
 DDT

RESEARCH ACTIVITY TWO: Environmental distribution
 of hexachlorophene

RESEARCH ACTIVITY THREE: Pesticides in the marine
 environment

INTEREST IN WORKING WITH: Private Sector; Local
 or regional planning group; State government;
 Professional society; The Institute of
 Ecology(1); The Nat'l Academy of Sciences;
 U.S. Federal Government (929)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(2); Northeast(3,M); Middle
 Atlantic(2,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<549>

Phillips, Walter E., Jr., 1947, MS, 1972,
Microbiology, 919-755-2392
Dept. of Microbiology; North Carolina State
University; Box 5476; Raleigh, NC 27607, US

PRINCIPAL FIELD: Basic and Applied Microbiology;
Applied Environmental and Pollution
Microbiology

COMPETENCE: Aquatic Ecology(3); Bacteriology(1);
Biochemistry(2); Environmental Pollution(2);
Immunology(2); Microbiology(1); Virology(3)

EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing

RESEARCH ACTIVITY ONE: Microbiological changes
during oil degradation in ecosystem

RESEARCH ACTIVITY TWO: Salinity effects on use of
hydrocarbons

RESEARCH ACTIVITY THREE: Elevated temperature
effect on petroleum waste treatment

INTEREST IN WORKING WITH: Private Sector; Local
Government; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences; U.S. Federal Government; Other
Governments (993)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water Resource Development(Genl);
Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(3,M)

<550>

Pierce, Phillip C., 1934, BS, 1957, Wildlife
Conservation, 202-693-7290
Army-office of Chief Engineering; Corps of
Engineers - Civil Works; 1103 Seaton Lane;
Falls Church, VA 22046, US

PRINCIPAL FIELD: Freshwater Fisheries Management
Including Aquatic Weed Control

COMPETENCE: Aquatic Ecology(3); Fishery
Biology(1); Environmental Pollution(3);
Limnology(3); Pest Control(2); Population
Biology(3); Taxonomy(3); Water Resources
Management(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): AID

EXPERIENCE (AS CONSULTANT): African; Central
American

RESEARCH ACTIVITY ONE: Aquatic advisor - weed
control and fishery development

RESEARCH ACTIVITY TWO: Lake Ricaragua Fisheries
Survey

INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; COE; Other Governments (1550)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Channelization; Dredging,
filling; Beach nourishment; Reservoirs/Dams;
Levees/dikes; Coastal protection/jetties;
Canals/Channels; Watershed, forest, range;
Reservoir releases; Hydroelectric power;
Navigation; Flood control; Irrigation; Water
supply; Water quality control; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(10);
Africa(4,M); Central America(0.1)

<551>

Pilson, Michael F.Q., 1933, PhD, 1964, Marine
Biology, 401-792-6104
Oceanography; University of Rhode Island;
Kingston, RI 02881, US

PRINCIPAL FIELD: Aquatic chemistry nutrients,
carbon dioxide system

COMPETENCE: Aquatic Ecology(3); Biochemistry(3);
Marine Biology(2); Oceanography(1);
Physiology(2)

EXPERIENCE (AS CONSULTANT): Mining

RESEARCH ACTIVITY ONE: Diffusion from sediments

RESEARCH ACTIVITY TWO: Nutrient studies on coral
reefs

RESEARCH ACTIVITY THREE: Marine mammals from Cape
Cod to Cape Hatteras

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1478)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(R,M); Northeast(6,M); Canada,
eastern(4)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<552>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<552>

Pimentel, David, 1925, PhD, 1951, Ecology &
Entomology, 607-256-2212
Entomology & Ecology and Systematics; Cornell
University, Ithaca, NY 14850, US

PRINCIPAL FIELD: Population ecology and genetics;
Pest population management

COMPETENCE: Animal Ecology(1); Entomology(1);
Genetics(1); Limnology(2); Microbiology(3);
Parasitology(2); Pest Control(1);
Physiology(1); Systems Analysis(3);
Forestry(3)

EXPERIENCE (AS EMPLOYEE): County or city
government

EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government; Professional society; The
Nat'l Academy of Sciences INRC; United
Nations; USDA; EPA; REW; NSF; OST

RESEARCH ACTIVITY ONE: Ecological impact of
pollutants and pest management

RESEARCH ACTIVITY TWO: Ecological impact of
pesticides

RESEARCH ACTIVITY THREE: Ecological effects of
pesticides on non-target organisms

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
The Nat'l Academy of Sciences; International
Organizations; U.S. Federal Government; Other
Governments (2011)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Pesticides, herbicides; Watershed,
forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): South Central(1);
Northeast(16,M); Southeast(1); Puerto
Rico(3,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,7

<553>

Pinkham, Carlos P.A., 1943, PhD, 1971, Zoology,
301-671-2586
Terrestrial Ecology Unit; Ecological Research
Section; Biomed Laboratory; Edgewood, MD
21040, US

PRINCIPAL FIELD: Inventory and Evaluate Potential
Sources of Terrestrial Pollution

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): DOD

RESEARCH ACTIVITY ONE: Environ monitoring program
Edgewood Arsenal MD

RESEARCH ACTIVITY TWO: Insulation assessment
Redstone Arsenal, AL

RESEARCH ACTIVITY THREE: Environ survey Pine
Bluff, AR

INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences; CC; COE; DOD; EPA; USDI; NSF; OST
(3862)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy
conversion/production; Forestry; Parks,
recreational facilities; Pesticides,
herbicides; Tailings, spoils disposal;
Watershed, forest, range; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5);
Middle Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,8; S,8; as long
as not Army-related project

<554>

Poe, Thomas P., 1944, MS, 1972, Aquatic Biology,
215-327-0104
Macroinvertebrate Section; Ichthyological
Associates; Pricks Lock Rd.; R.D. 1;
Pottstown, PA 19464, US

PRINCIPAL FIELD: Research and survey work in
aquatic ecology

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Entomology(1); Fishery
Biology(2); Environmental Pollution(2);
Limnology(2); Parasitology(2); Population
Biology(2); Systematics(1); Taxonomy(1);
Veterinary Science(2)

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Ecological survey of the
Schuylkill River

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4016)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(2,M); Northeast(4,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<555>
Polgar, Tibor T., 1943, MS, 1970, Oceanography, 401-792-6293
Grad. School of Oceanography; University of Rhode Island; Narragansett Marine Laboratory; Kingston, RI 02881, US

PRINCIPAL FIELD: Assessment of environmental modification by pollution (marine-physical-biol.)

COMPETENCE: Animal Behavior(3); Animal Ecology(3); Biostatistics(2); Environmental Pollution(1); Oceanography(1); Systems Analysis(2)

RESEARCH ACTIVITY ONE: Dredge spoil disposal in Rhode Island Sound

RESEARCH ACTIVITY TWO: Correlations between env. variables and migration

RESEARCH ACTIVITY THREE: Potential effect of powerplant on Narragansett Bay

INTEREST IN WORKING WITH: Utility; State government; Professional society; The Institute of Ecology(TIE); The National Academy of Sciences; United Nations; AEC; CC; COE; DOD; EPA; HEW; USDI; NSF; OST; AID; Canadian; European, eastern; European, western (1416)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M,M)

AVAILABILITY (DAYS PER MONTH): A,?, S,?

<556>
Pore, Robert S., 1938, PhD, 1965, Botany, 304-293-5857
Microbiology Dept.; West Virginia Univ. Medical School; Morgantown, WV 26506, US

PRINCIPAL FIELD: Medical mycology, phycology and pathobiology of microorganisms in general

COMPETENCE: Bacteriology(3); Genetics(2); Medical Mycology(1); Microbiology(1); Plant Pathology(2); Systematics(2); Taxonomy(2)

RESEARCH ACTIVITY ONE: Prototheca

RESEARCH ACTIVITY TWO: Oral Yeasts

INTEREST IN WORKING WITH: Agriculture; Utility; Local Government; Conservation or Scientific Group; International Organizations; USDA; AEC; COE; EPA; HEW; HUD; USDI; NSF; OST; Other Governments (2414)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(3); Southwest(2); North Central(5); South Central(3)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<557>
Porter, James W., 1946, PhD, Biology, 203-436-0723
Biology Dept.; Yale University; Box 2025; New Haven, CT 06520, US

PRINCIPAL FIELD: Biology of coral reefs; theoretical ecology; biogeography of tropical marine animals

COMPETENCE: Animal Behavior(3); Animal Ecology(2); Anthropology(3); Aquatic Ecology(2); Entomology(2); Marine Biology(1); Paleontology(2); Population Biology(1); Systematics(1); Taxonomy(1)

RESEARCH ACTIVITY ONE: Effects of a Panama Sea-level Canal

RESEARCH ACTIVITY TWO: Starfish predation and its effect on coral reefs

RESEARCH ACTIVITY THREE: Caribbean coral reef structure and diversity

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; Civic action group; Conservation group; conservation group; Professional society; TIP; The Nat'l Academy of Sciences; International Organizations; United Nations; World Bank; IUCN; Unesco/Peace Corps; U.S. Federal Government; Other Governments (530)

IMPACT ASSESSMENT EXPERIENCE: Canals/Channels; Navigation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3); Central America(2,M); South America(1,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<558>
Porter, Karen J., 1947, PhD, 1973, Ecology, 203-436-8180
Biology Department; Yale University; Prospect and Schem St.; New Haven, CT 06520, US

PRINCIPAL FIELD: The interaction of nutrients, algae, and zooplankton in aquatic food chains

COMPETENCE: Animal Ecology(1); Aquatic Ecology(1); Limnology(1); Marine Biology(3); Population Biology(1); Systematics(1); Taxonomy(1); Water Resources Management(3)

RESEARCH ACTIVITY ONE: The effect of zooplankton on algal populations

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1772)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development(GENL)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5)

AVAILABILITY (DAYS PER MONTH): A,3; S,5

<559>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<559>

Posmentier, Eric S., 1943, PhD, 1968,
Geophysics-212-6211
Oceanography; City University of New York;
138 St. E Convent Ave.; New York, NY 10031,
US

PRINCIPAL FIELD: Oceanography and meteorology,
acoustics

COMPETENCE: Environmental Pollution(2);
Limnology(2); Oceanography(1); Systems
Analysis(1); Geophysics(1)

EXPERIENCE (AS CONSULTANT): Transportation;
County or city government; COE; DOD

RESEARCH ACTIVITY ONE: Planning environmental
impact prediction facility

RESEARCH ACTIVITY TWO: Wave prediction for
shoreline construction

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
United Nations; AEC; CC; COE; DOD; EPA; HEW;
HUD; USDI; NSF; OST; AID; DOT; Other
Governments; Asian; African; Central
American; Canadian; European, eastern;
European, western; South American (4035)

IMPACT ASSESSMENT EXPERIENCE: Airports; Coastal
protection/tetties; Navigation; Shoreline
protection; Urban air pollution

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(9);
Asia; Canada, eastern; Europe, eastern; South
America

AVAILABILITY (DAYS PER MONTH): A,5; S,25

<560>

Post, Boyd W., 1928, DR., 1962, Silvics-Forestry,
202-447-2977
C.S.B.S. Dept. of Agriculture; 14th E
Independence; Washington, DC 20250, US

PRINCIPAL FIELD: Forest soil-site relations, tree
physiology, research management

COMPETENCE: Forestry(1); Plant Ecology(3);
Physiology(2); Soil Science(3)

EXPERIENCE (AS EMPLOYEE): State government; USDA

RESEARCH ACTIVITY ONE: Forest soil-site research
in northern hardwoods

RESEARCH ACTIVITY TWO: Research administration

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (365)

IMPACT ASSESSMENT EXPERIENCE: Watershed, forest,
range

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
South Central(1); Northeast(11,M);
Southeast(4); Africa(1)

<561>

Pough, F. Harvey, 1942, PhD, 1968, Vertebrate
Zoology, 607-256-4447
Ecology and Systematics; Cornell University;
Langmuir Lab.; Ithaca, NY 14850, US

PRINCIPAL FIELD: Environmental physiology of
fishes, amphibians, and reptiles

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Ecology(2); Aquatic Ecology(2);
Biochemistry(3); Environmental Pollution(2);
Ornithology(2); Paleontology(2); Pest
Control(3); Physiology(1); Population
Biology(2); Systematics(1); Taxonomy(1)

EXPERIENCE (AS CONSULTANT): Agriculture; State
government; USDA

RESEARCH ACTIVITY ONE: Amphibians as pollution
indicators

RESEARCH ACTIVITY TWO: Adaptations of reptile
blood

INTEREST IN WORKING WITH: Agriculture; Mining;
Utility; Local Government; Conservation or
Scientific Group; International
Organizations; Int. Biol. Program; U.S.
Federal Government; Other Governments (1335)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M); Southwest(2,M); Northeast(4);
Central America(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<562>

Powell, Paul E., 1941, MS, 1973, Mycology,
607-256-3293
Plant Pathology; Cornell University; Ithaca,
NY 14850, US

PRINCIPAL FIELD: Plant disease diagnosis

COMPETENCE: Plant Pathology(2); Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Rockefeller Foundation; USDA

RESEARCH ACTIVITY ONE: Diagnosis, plant
disease diagnostic lab.

RESEARCH ACTIVITY TWO: Monographic studies of
discomycetes

INTEREST IN WORKING WITH: Agriculture; Local
Government; International Organizations;
USDA; AEC; USDC; CC; COE; EPA; HEW; HUD;
USDI; NSF; OST; AID; DOT; Other Governments
(630)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1);
Northeast(6,M); Mexico(1)

AVAILABILITY (DAYS PER MONTH): A,7; S,7

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<563>
 Poyner, Martin M., 1911, BS, 1941, Entomology,
 302-344-4260
 US Department of Agriculture; Animal and
 Plant Health Inspection Service; 5026 Herzel
 Place; Beltsville, MD 20705, US

PRINCIPAL FIELD: Insect pest control and plant
 quarantine activities

COMPETENCE: Entomology(2); Pest Control(1)

EXPERIENCE (AS EMPLOYEE): Agriculture;
 Manufacturing; Transportation; County or city
 government; Local or regional planning group;
 State government; Conservation group;
 Professional society; USDA

EXPERIENCE (AS CONSULTANT): Agriculture;
 Manufacturing; Transportation; County or city
 government; Local or regional planning group;
 State government; United Nations; USDA; AID;
 Central American

RESEARCH ACTIVITY ONE: Consultant - Use of
 Pesticides - Central America - Guatemala

RESEARCH ACTIVITY TWO: Pesticide consultant -
 Central America - Panama & Mexico

INTEREST IN WORKING WITH: Agriculture;
 Manufacturing; Transportation; Local
 Government; County or city government; Local
 or regional planning group; State government;
 Conservation or Scientific Group; United
 Nations; U.S. Federal Government; Central
 American; South American (540)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Airports; Forestry; Parks, recreational
 facilities; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(8); Rocky Mountain(15); Southwest(15);
 Northeast(1); Middle Atlantic(6); Central
 America

<564>
 Prager, Jan C., 1934, PhD, 1961, Protozoology,
 401-789-9751
 National Marine Water Quality Laboratory;
 U.S. Environmental Protection Agency; P.O.
 Box 277; West Kingston, RI 02881, US

PRINCIPAL FIELD: Estuarine and marine plankton
 biology and pollution effects evaluation

COMPETENCE: Environmental Pollution(2); Marine
 Biology(1); Microbiology(2); Plant Ecology(2)

EXPERIENCE (AS EMPLOYEE): EPA; USDI

EXPERIENCE (AS CONSULTANT): Manufacturing;
 Utility; County or city government; Local or
 regional planning group; State government;
 Civic action group; Conservation group; AEC;
 COE; HPW; USDI

RESEARCH ACTIVITY ONE: Thermal discharge effects
 on marine plankton

RESEARCH ACTIVITY TWO: Thermal discharge effects
 on marine plankton

RESEARCH ACTIVITY THREE: Thermal discharge
 effects on marine plankton

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1154)

IMPACT ASSESSMENT EXPERIENCE: Energy
 conversion/production; Tailings, spoils
 disposal; Dredging, filling; Coastal
 protection/letties; Canals/Channels;
 Hydroelectric power; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(21,M);
 Northeast(M); Middle Atlantic(15)

AVAILABILITY (DAYS PER MONTH): Determined by
 government assignment

<565>
 Prager, Manfred J., 1927, PhD, 1956, Physics
 Chemistry, 201-627-4200
 Nucor Corporation; 2 Richwood Place;
 Denville, NJ 06834, US

PRINCIPAL FIELD: Development of Air and Water
 Monitoring Methods and Instruments for
 Pollutants

COMPETENCE: Environmental Pollution(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing; DOD

RESEARCH ACTIVITY ONE: Develop phosphorus in
 water monitor

RESEARCH ACTIVITY TWO: Develop sulfur in air
 monitor

RESEARCH ACTIVITY THREE: Develop oil in water
 monitor

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government (1529)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
 Atlantic(22,M)

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<566>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<566>

Pramer, David, 1923, PhD, 1952, Microbiology,
201-247-1766
Biochemistry & Microbiology; Rutgers
University; 43 Mine St.; New Brunswick, NJ
08904, BS

PRINCIPAL FIELD: Microbial ecology of soils and
waters

COMPETENCE: Agronomy (2); Bacteriology (2);
Biochemistry (2); Environmental Pollution (2);
Marine Biology (2); Microbiology (1); Pest
Control (2); Plant Pathology (2); Soil
Science (2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Agriculture; State
government; Professional society; The
Institute of Ecology (TIE); The Nat'l Academy
of Sciences; United Nations; DOD; EPA; HEW;
NSF; Asian; South American

RESEARCH ACTIVITY ONE: Workshop on ecology

RESEARCH ACTIVITY TWO: Life detection on other
planets

RESEARCH ACTIVITY THREE: Consultant to Indian
Institute in Microbiology

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (108)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic (22,M); Europe, western (2)

<567>

Price, Donald L., PhD, 1959, Zoology
Physicians Bioanalytical Laboratory Inc.;
5670 St. Barnabas Rd.; Oxon Hill, MD 20740,
US

COMPETENCE: Animal Ecology (2); Anthropology (3);
Bacteriology (3); Entomology (2);
Immunology (3); Interdisciplinary Science (2);
Cultural Anthropology; Microbiology (3);
Parasitology (1); Pathology (3); Medical
Zoology (1)

EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing; Foreign Govts; Professional
society; AID

RESEARCH ACTIVITY ONE: Host/Parasite
interrelationships in filarioid disease
infections

RESEARCH ACTIVITY TWO: Pathology of parasitic
diseases

RESEARCH ACTIVITY THREE: Ecology of
Onchocerciasis in Ethiopia

INTEREST IN WORKING WITH: Local Government;
International Organizations; U.S. Federal
Government; Other Governments (97)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Multidisciplinary approach to disease control

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic (10); Hawaii (visits); Asia (visits);
Africa (3); Europe, western (visits)

AVAILABILITY (DAYS PER MONTH): A, as required;
S, as required

<568>

Produkske, Donald R., 1923, PhD, 1956, Wildlife
Biology, 413-545-2257
Forestry - Wildlife Management; University of
Massachusetts; Amherst, MA 01002, US

PRINCIPAL FIELD: Ecology of upland and big game
animals

COMPETENCE: Animal Behavior (2); Animal
Ecology (2); Forestry (3); Ornithology (2);
Range Science (3); Wildlife Management (1)

EXPERIENCE (AS EMPLOYEE): State University

EXPERIENCE (AS CONSULTANT): State University

RESEARCH ACTIVITY ONE: Gross changes of the Black
Hills Pine Forest

RESEARCH ACTIVITY TWO: Movements of Pheasants in
South Dakota

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1748)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central (4,M); South Central (16,M);
Northeast (2); Middle Atlantic (3)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<569>
 Prosser, Norville S., 1942, MS, 1967, Fish
 Science, 703-786-6977
 Fish Division; Virginia Commission Game &
 Inland Fisheries; Rt. 8, Box 19;
 Fredericksburg, VA 22401, US

PRINCIPAL FIELD: Aquatic Ecology with Emphasis on
 Freshwater Fisheries

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): State government; USDI

EXPERIENCE (AS CONSULTANT): Civic action group;
 Conservation group

RESEARCH ACTIVITY ONE: Northeast Va. fisheries
 survey

RESEARCH ACTIVITY TWO: Public fishing lake
 fertilization survey

RESEARCH ACTIVITY THREE: Lake Burke census survey

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1865)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Airports; Highways; Pesticides, herbicides;
 Soil erosion; Tailings, spoils disposal;
 Water Resource Development (Genl);
 Channelization; Dredging, filling;
 Reservoirs/Dams; Canals/Channels; Flood
 control; Water supply; Fish & Wildlife
 conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
 Mountain(2); Middle Atlantic(5,M)

<570>
 Raizen, Eileen C., 1938, PhD, 1967, Microbiology,
 412-434-6317
 Biological Sciences; Duguesne Univ.;
 Pittsburgh, PA 15219, US

PRINCIPAL FIELD: Microbial genetics

COMPETENCE: Bacteriology(1); Biochemistry(2);
 Environmental Pollution(2); Genetics(1);
 Immunology(2); Microbiology(1);
 Physiology(3); Virology(2)

INTEREST IN WORKING WITH: Private sector; Local
 government; Conservation or scientific group;
 international organizations; U.S. Federal
 government; Other Governments (1827)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
 Mountain(1); Southwest(2); North Central(4);
 Middle Atlantic(5,M);

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<571>
 Ralston, Charles W., 1921, PhD, 1949, Forest
 Soils, 919-684-2135
 School of Forestry; Duke University; 2531
 Wrightwood Ave.; Durham, NC 27706, US

PRINCIPAL FIELD: Forest resources sciences and
 environmental management

COMPETENCE: Agronomy(3); Agricultural Science(3);
 Biostatistics(2); Forestry(1); Environmental
 Pollution(3); Plant Ecology(3); Soil
 Science(1); Water Resources Management(3)

EXPERIENCE (AS CONSULTANT): Agriculture;
 Manufacturing; USDA

RESEARCH ACTIVITY ONE: Primary productivity,
 annual and seasonal, loblolly pine

RESEARCH ACTIVITY TWO: Site productivity - soil
 factors

RESEARCH ACTIVITY THREE: Watershed nutrient
 budgets - Central Rocky Mountains

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (1555)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
 Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(26);
 Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,3; S,15

<572>
 Randall, Clifford W., PhD, 1966, Environmental
 Health Engineering
 Civil Engineering; Virginia Polytechnic
 Institute; Dept. of Civil Engineering;
 Blacksburg, VA 24061, US

PRINCIPAL FIELD: Design and Operation of Waste
 Treatment Systems and Receiving Waterways

COMPETENCE: Bacteriology(3); Environmental
 Pollution(1); Microbiology(3); Water
 Resources Management(2)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
 or city government; Local or regional
 planning group; State government; EPA

RESEARCH ACTIVITY ONE: Water quality monitoring
 program for Occoquan watershed

RESEARCH ACTIVITY TWO: Optimal procedures for
 sludge disposal

RESEARCH ACTIVITY THREE: Treatability of various
 munitions manufacturing wastewater

INTEREST IN WORKING WITH: Agriculture;
 Manufacturing; Mining; Local Government;
 USDA; CC; COE; DOD; EPA; HEW; HUD; USDI; NSP;
 OST; AID; Other Governments (3894)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(5,M);
 South Central(1); Northeast(0.5);
 Southeast(7,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,6

<573>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<573>

Rauch, Henry W., 1942, PhD, 1972, Geochemistry,
704-293-5603
Geology and Geography; West Virginia
University; 205 White Hall; Morgantown, WV
26506, US

PRINCIPAL FIELD: Karst and Cave Hydrology and
Geology; Water Pollution, especially Mine
Drainage and Inorganic)

COMPETENCE: Environmental Pollution(2); Water
Resources Management(2); Karst and
Groundwater Hydrology(1)

EXPERIENCE (AS EMPLOYER): State government

RESEARCH ACTIVITY ONE: Geologic factors affecting
solution porosity of karst aquifers

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Mining; Local Government;
Conservation group; Professional society;
USDA; AEC; COE; EPA; HEW; HUD; USDI; NSP;
Canadian (3888)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (7,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<574>

Reagan, Roland E., 1942, MS, 1969, Fishery
Management, 919-755-2631
Zoology Dept.; North Carolina State
University; P.O. Box 5577; Raleigh, NC
27607, US

PRINCIPAL FIELD: Fish genetics

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(2); Biochemistry(1);
Biostatistics(1); Fishery Biology(3);
Environmental Pollution(1); Genetics(3);
Immunology(1); Limnology(2); Marine
Biology(1); Microbiology(1); Nutrition(1);
Plant Ecology(1); Population Biology(1);
Wildlife Management(1)

RESEARCH ACTIVITY ONE: Heritability of weight and
length in channel catfish

RESEARCH ACTIVITY TWO: Organic composition of 22
species of freshwater fishes

RESEARCH ACTIVITY THREE: Separation of bluegill
population with serological methods

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
World Bank; U.S. Federal Government; Asian;
Central American; Canadian; European,
eastern; European, western; South American
(852)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (8,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<575>

Reed, Lanny W., 1946, MS, 1971, Wildlife Ecology,
412-495-7711
Economics Studies Group; Michael Baker, Jr.,
Inc.; 4301 Dutchridge Road; Beaver, PA
15009, US

PRINCIPAL FIELD: Terrestrial and wetland ecology
with special interest in waterfowl

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): Transportation;
Utility; Local or regional planning group;
Civic action group; Conservation group; COE

RESEARCH ACTIVITY ONE: Terrestrial & wetland
evaluation for transmission line corridor

RESEARCH ACTIVITY TWO: Wildlife evaluation, draft
E.I.S. for highway

RESEARCH ACTIVITY THREE: Wildlife baseline data
for power plant

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (310)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Forestry; Highways;
Parks, recreational facilities; Soil erosion;
Tailings, spoils disposal; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5,M)

<576>

Rehwoldt, Robert E., PhD, 1952, Chemistry
Chemistry; Environmental Science; Marist
College; Poughkeepsie, NY 12601, US

PRINCIPAL FIELD: Heavy Metal Toxicity Toward
Fresh Water Aquatic Communities

COMPETENCE: Aquatic Ecology(1); Environmental
Pollution(1); Limnology(1)

EXPERIENCE (AS CONSULTANT): Construction; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation group

RESEARCH ACTIVITY ONE: Acute toxicity heavy
metals fish

RESEARCH ACTIVITY TWO: Acute toxicity heavy
metals fish temperature

RESEARCH ACTIVITY THREE: Acute toxicity heavy
metal benthic

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1368)

IMPACT ASSESSMENT EXPERIENCE: Soil erosion; Water
quality control; Fish & Wildlife
conservation; Land Development

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1.5);
Northeast(19,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<577>
Pho, Jinnque, 1938, PhD, 1972, Environmental Microbiology, 413-545-2881
Institute of Agricultural & Industrial Microbiology; Marshall Hall, University of Massachusetts; Amherst, MA 01002, US

PRINCIPAL FIELD: Cellulose Production by Planktonic Algae and Fate of Cellulose in Lacustrine Environments

COMPETENCE: Agricultural Science(2); Animal Ecology(3); Aquatic Ecology(1); Bacteriology(1); Biochemistry(2); Food Sciences(3); Environmental Pollution(1); Limnology(1); Marine Biology(2); Microbiology(1); Plant Ecology(2); Physiology(2); Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing; State government; Civic action group; BSDI

EXPERIENCE (AS CONSULTANT): Agriculture

RESEARCH ACTIVITY ONE: Postdoctoral research associate

RESEARCH ACTIVITY TWO: Consultant of microbiology

RESEARCH ACTIVITY THREE: Research assistant

INTEREST IN WORKING WITH: Agriculture; Construction; Manufacturing; Transportation; Utility; Local Government; Conservation or Scientific Group; United Nations; U.S. Federal Government (2924)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Water Resource Development(Genl); Reservoirs/Dams; Reservoir releases; Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8); Asia(5)

AVAILABILITY (DAYS PER MONTH): A,3D; S,30

<578>
Rice, Clifford P., 1940, PhD, 1972, Phycology, 315-477-8522
Life Science Division; Syracuse University Research Corp; Merrill Lane Univ.; Syracuse, NY 13210, US

PRINCIPAL FIELD: Interactions of Environmental Pollutants with Marine and Freshwater Phytoplankton

COMPETENCE: Environmental Pollution(2); Marine Biology(2); Microbiology(2); Phycology(1)

EXPERIENCE (AS EMPLOYEE): COE; DOD

RESEARCH ACTIVITY ONE: NIH Trainee - Metabolism of DDT by freshwater algae

RESEARCH ACTIVITY TWO: Uptake and metabolism of DDT & Dieldrin by marine algae

RESEARCH ACTIVITY THREE: Persistence of dichlobenil & endothall in pond water & hydrosol

INTEREST IN WORKING WITH: Agriculture; USDA; AEC; COE; DOD; EPA; HEW; NSF; OST; Asian; Canadian; European, eastern; European, western (970)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Northeast(7,M); Asia(1); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<579>
Richards, Clarence P., 1927, MS, 1954, Wildlife Management, 703-642-2111
Ichthyology; Virginia Institute of Marine Science; P.O. Box 262; Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Population Biology, and Age Growth Analyses of Fishes

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): State government; Conservation group; BSDI

EXPERIENCE (AS CONSULTANT): Local or regional planning group

RESEARCH ACTIVITY ONE: Age, Growth and Distribution of Black Drum

RESEARCH ACTIVITY TWO: Analog Simulation in Fish Population Studies

RESEARCH ACTIVITY THREE: Marine Fishes of Virginia's Eastern Shore

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation of Scientific Group; U.S. Federal Government; Other Governments (2067)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2); Southeast(18)

AVAILABILITY (DAYS PER MONTH): S,6

<580>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<580>

Richkus, William A., 1944, PhD, 1973,
Oceanography, 609-771-2456
Biology; Trenton State College; Trenton, NJ
08625, DS

PRINCIPAL FIELD: Orientation and Migration of Fish

COMPETENCE: Anatomy (3); Animal Behavior (1);
Animal Ecology (1); Aquatic Ecology (2);
Biostatistics (2); Fishery Biology (2);
Limnology (3); Marine Biology (2)
Oceanography (2); Oceanography (2);
Physiology (3); Population Biology (2)

RESEARCH ACTIVITY ONE: Fishway evaluation study

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
USDA; AEC; USDC; CC; COE; DOD; EPA; HEW;
USDI; NSP; Other Governments (2918)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservationGEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (2); Northeast (4, M)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 30

<581>

Rideout, Stephen G., 1946, MS, 1973, Fisheries
Biology, 413-545-2757
Massachusetts Coop Fish Unit; 113A Park St.;
Easthampton, MA 01027, DS

PRINCIPAL FIELD: Fisheries biology - basic
statistical applications and population
dynamics

COMPETENCE: Anatomy (3); Animal Behavior (3);
Animal Ecology (3); Aquatic Ecology (2);
Biostatistics (2); Fishery Biology (1);
Forestry (2); Environmental Pollution (3);
Limnology (2); Marine Biology (2);
Oceanography (3); Population Biology (2);
Systems Analysis (3); Wildlife Management (2)

RESEARCH ACTIVITY ONE: Alewife utilization of
Parker River, Massachusetts

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
CC; COE; EPA; USDI; NSP; OST; Canadian (894)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3, M)

AVAILABILITY (DAYS PER MONTH): A, unknown;
S, unknown

<582>

Riley, David F., 1939, BS, 1962, Wildlife
Management, 202-343-2250
River Basin Studies; Dept. of Interior
(FSP-RB); E St.; Washington, DC 20240, DS

PRINCIPAL FIELD: Long-Range Land Use Planning for
Fish and Wildlife Resources

COMPETENCE: Animal Ecology (2); Aquatic
Ecology (2); Biostatistics; Fishery
Biology (2); Environmental Pollution;
Limnology (2); Marine Biology (2);
Ornithology (2); Population Biology (2); Range
Science; Systems Analysis (2); Water Resources
Management (1); Wildlife Management

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): USDA; AEC; USDC; CC;

COE; DOD; EPA; HEW; HUD; AID; DOT; Canadian

INTEREST IN WORKING WITH: U.S. Federal
Government; Other Governments (2074)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Energy conversion/production;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development (Genl); Channelization;
Dredging, filling; Beach nourishment;
Reservoirs/Dams; Levees/dikes;
Canals/Channels; Watershed, forest, range;
Reservoir releases; Hydroelectric power;
Navigation; Flood control; Irrigation; Water
supply; Water quality control; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (4); Rocky Mountain (4, M); Southwest (1);
North Central (2); Southeast (3)

<583>

Ring, Paul D., 1945, MS, 1969, Marine Botany,
207-563-3146
Cooperative Extension Service; University of
Maine; Ira C. Darling Center; Walpole, ME
04573, DS

PRINCIPAL FIELD: Marine Botany - Both Phycology &
Mycology

COMPETENCE: Anatomy (3); Aquatic Ecology (3);
Fishery Biology (2); Marine Biology (1);
Microbiology (1); Oceanography (1); Plant
Ecology (1); Plant Pathology (2);
Physiology (3); Taxonomy (1); Wildlife
Management (2)

EXPERIENCE (AS EMPLOYEE): USDA; USDC

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
Civil action group; Conservation groupRESEARCH ACTIVITY ONE: Nanoplankton - Diatom
study of Maine estuaries

RESEARCH ACTIVITY TWO: Crab resources of Maine

RESEARCH ACTIVITY THREE: Aquaculture potential
for Maine

INTEREST IN WORKING WITH: Agriculture; Mining;
Transportation; Utility; Local Government;
Conservation or Scientific Group;
International Organizations; USDA; AEC; USDC;
CC; COE; DOD; EPA; HEW; USDI; NSP; OST; AID;
DOT; Other Governments (3650)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Channelization; Dredging,
filling; Coastal protection/tetties;
Canals/Channels; Water quality control;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central (2);
Northeast (4)

AVAILABILITY (DAYS PER MONTH): A, 3-4; S, 3-4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<584>
Ritchie, Donald D., 1914, PhD, 1947, Potany,
212-280-5103
Dept. of Biology; Barnard College; 606 W 120
St.; New York, NY 10027, US

PRINCIPAL FIELD: Culture Distribution and
Cytology of Aquatic Microorganisms

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): Manufacturing; County
or city government; DOD; NSF

RESEARCH ACTIVITY ONE: Copper tolerance in algae

RESEARCH ACTIVITY TWO: Fungus inhibition by wood
extracts

RESEARCH ACTIVITY THREE: Fungus invasion of wood

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1504)

<585>
Ritchie, Gary A., 1941, PhD, 1971, Forest
Ecology, 716-876-5454
Environmental Resources; Buffalo Dist Corps
of Engineers; 1776 Niagara Street; Buffalo,
NY 14207, US

PRINCIPAL FIELD: Environmental Impact Analysis
and Impact Statement Preparation Under NEPA

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): COE

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government;
Conservation group; Professional society; The
Institute of Ecology; AEC; COE; DOD; BSOI;
DOT; Canadian; European, western

RESEARCH ACTIVITY ONE: Physiological ecology,
plant-water relations

RESEARCH ACTIVITY TWO: Environmental impacts,
Presque Isle beach erosion

RESEARCH ACTIVITY THREE: Environmental impacts,
Stannards reservoir

INTEREST IN WORKING WITH: COE (1236)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy
conversion/production; Parks, recreational
facilities; Soil erosion; Channelization;
Dredging, filling; Beach nourishment;
Reservoirs/Dams; Levees/dikes; Coastal
protection/jetties; Canals/Channels;
Reservoir releases; Hydroelectric power;
Navigation; Flood control; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(8,M); Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<586>
Ritchie, Jr., Douglas E., 1933, AB, 1955,
Biology-Chemistry, 301-326-4281
Department of Fisheries; Natural Resources
Institute; University of Maryland; P.O. Box
38; Solomons, MD 20688, US

PRINCIPAL FIELD: Adult and young fishes of
Chesapeake Bay and tributaries, especially
striped bass

COMPETENCE: Anatomy(2); Fishery Biology(1)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Gross biological effect of
overboard disposal in upper Chesapeake Bay -
fish

RESEARCH ACTIVITY TWO: Biological evaluation of
widening and deepening C & O Canal - fish

RESEARCH ACTIVITY THREE: Evaluation of sex biopsy
method - striped bass

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (124)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Canals/Channels; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(12)

<587>
Rizzo, Benedetto, 1932, MS, 1966, Environmental
Engineering, 617-223-2974
U.S. Fish & Wildlife Service; Bureau of Sport
Fisheries & Wildlife; U.S. Post Office &
Courthouse; Boston, MA 02109, US

PRINCIPAL FIELD: Planning, Design and
Construction of Anadromous Fish Passage and
Protective Facilities

COMPETENCE: Environmental Pollution(2); Water
Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Conservation group; BSOI

EXPERIENCE (AS CONSULTANT): Utility; State
government; Conservation group

RESEARCH ACTIVITY ONE: Engineering Advisor to
Technical and Policy Committee for Fisheries
Management of the Connecticut River Basin

INTEREST IN WORKING WITH: Utility; State
government; Conservation group; U.S. Federal
Government (2060)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Reservoirs/Dams; Canals/Channels;
Hydroelectric power; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(17,M)

<588>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<588>

Robertson, William 4th, 1943, MA, 1969, Biology,
202-961-1864
Environmental Studies Board; National Academy
of Sciences; 2101 Constitution Avenue;
Washington, DC 20418, DS

PRINCIPAL FIELD: Environmental Studies,
Assessment and Evaluation

COMPETENCE: Biochemistry(3); Environmental
Pollution(2); Marine Biology(3);
Paleoethnobotany(2)

EXPERIENCE (AS EMPLOYEE): The Nat'l Academy of
Sciences

EXPERIENCE (AS CONSULTANT): The Institute of
Ecology

RESEARCH ACTIVITY ONE: Water quality criteria 1972

RESEARCH ACTIVITY TWO: Tell el Hesi Archeological
project

RESEARCH ACTIVITY THREE: Critical problems of the
coastal zone

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (994)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3);
Turkey(0.25,M); Africa(.08); Israel(.08,M)

<589>

Robinson, Beatrice B., 1941, PhD, 1968, Plant
Physiology, 315-446-4336
Biology; Syracuse University; University
College; 430 Nottingham Rd.; Syracuse, NY
13210, OS

PRINCIPAL FIELD: Algae - Taxonomy, General
Ecology, Physiology

COMPETENCE: Bacteriology(3); Genetics(3);
Microbiology(3); Physiology(2); Taxonomy(1);
Algal Photomorphogenesis(1)

EXPERIENCE (AS CONSULTANT): USDA

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (3356)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,20

<590>

Robinson, Farrel R., 1927, PhD, 1965, Vet.
Pathology, 202-576-2601
Veterinary Pathology Division; Armed Forces
Institutes of Pathology; Fern & Alaska;
Washington, DC 20306, US

PRINCIPAL FIELD: Diagnosis animal disease
including toxicologic disease

COMPETENCE: Animal Husbandry(3); Environmental
Pollution(2); Pathology(1); Veterinary
Science(1)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): Agriculture;
Professional society; The Nat'l Academy of
SciencesINRC; United Nations; USDA

RESEARCH ACTIVITY ONE: Oxygen toxicity

RESEARCH ACTIVITY TWO: Inhaled gaseous irritants

RESEARCH ACTIVITY THREE: Beryllium toxicity

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1845)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3); Southwest(2,M); North
Central(11,M); Middle Atlantic(5);
Southeast(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<591>

Roche, Michael B., 1944, MA, 1972, Oceanography,
914-352-1437
Phytoplankton Ecology; Lamont Doherty Geo.
Obs.; Palisades, NY 10964, OS

PRINCIPAL FIELD: Marine Phytoplankton, ecology,
biogeography, quantitative models

COMPETENCE: Marine Biology(2); Oceanography(1);
Paleontology(2); Systems Analysis(3)

EXPERIENCE (AS EMPLOYEE): NSF

EXPERIENCE (AS CONSULTANT): Manufacturing; Civic
action group; Conservation group

RESEARCH ACTIVITY ONE: Quantitative ecology of
North Atlantic Flora

RESEARCH ACTIVITY TWO: Bottom water currents in
N.Y. Bight

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1470)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M);
Middle Atlantic(2,M); N. Atlantic(M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

TABLE 1: RESPONDENTS
(ALPHABETICAL LISTING)

<592>

Rohde, Wayne G., 1946, MS, 1971, Natural Resources, 202-227-2512
Photo Interp. Research Div.; US Army Engr Topo Labs; Ft. Belvoir, VA 22060, US

PRINCIPAL FIELD: Aerial Sensing for Evaluating: Stress in Veg., Land Use, Recreation, and Natural Resources

COMPETENCE: Agronomy(3); Agricultural Science(3); Aquatic Ecology(3); Entomology(2); Forestry(1); Environmental Pollution(3); Plant Ecology(1); Plant Pathology(2); Physiology(3); Range Science(2)

EXPERIENCE (AS EMPLOYEE): County or city government; Conservation group; Professional society; COE; DOD

RESEARCH ACTIVITY ONE: Remote sensing of stress in plant communities

RESEARCH ACTIVITY TWO: Leaf reflectance and response to stress

RESEARCH ACTIVITY THREE: Remote sensing of gypsy moth defoliation

INTEREST IN WORKING WITH: Agriculture; Transportation; County or city government; Local or regional planning group; State government; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; USDA; AEC; USDC; COE; DOD; EPA; HEW; HHD; USDI; NSF; OST; AID; DOT; Central American; Canadian; South American (3748)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(0.5,M); Southwest(0.5,M); North Central(2,M); Northeast(M); Middle Atlantic(2,M); Southeast(M)

<593>

Rollason Jr., Herbert D., 1917, PhD, 1949, Biology/History, 413-545-2627
Dept. of Zoology; University of Massachusetts; Morrill Science Center; Amherst, MA 01002, US

PRINCIPAL FIELD: Growth, compensatory hypertrophy, development of mammalian kidney

COMPETENCE: Anatomy(2); Genetics(2); Histology/Cytology

RESEARCH ACTIVITY ONE: Compensatory hypertrophy of rat kidney

INTEREST IN WORKING WITH: Agriculture; Local Government; Professional society; The Nat'l Academy of Sciences; U.S. Federal Government; Other Governments (1334)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1); Northeast(32)

AVAILABILITY (DAYS PER MONTH): A,5; S,24

<594>

Roman, Micheal E., 1949, MS, 1973, Oceanography, 203-661-8080
Biological Oceanography; 138 at Convent Ave.; New York, NY 10031, US

PRINCIPAL FIELD: The Factors Controlling the Spatial and Temporal Distribution of Zooplankton

COMPETENCE: Animal Behavior(3); Animal Ecology(2); Aquatic Ecology(2); Environmental Pollution(2); Marine Biology(1); Oceanography(2)

RESEARCH ACTIVITY ONE: The Effect of Malthion on Crayfish Respiration

RESEARCH ACTIVITY TWO: Temporal & Spatial Variation of Zoo. in the Hudson Estuary

RESEARCH ACTIVITY THREE: Dieldrin Conc. in the Trophic Levels of a Marsh

INTEREST IN WORKING WITH: Local Government; Local or regional planning group; State government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (3971)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,All

<595>

Root, Richard B., 1936, PhD, 1964, Ecology, 607-256-3076
Entomology Dept.; Cornell University; Ithaca, NY 14850, US

PRINCIPAL FIELD: Population Dynamics of Insects, Ecology of Crops, Tropical Insect Associations

COMPETENCE: Agricultural Science(2); Animal Behavior(2); Animal Ecology(1); Anthropology(3); Entomology(1); Environmental Pollution(2); Horticulture(2); Ornithology(1); Pest Control(2); Plant Ecology(2); Population Biology(1)

EXPERIENCE (AS EMPLOYEE): Rockefeller Foundation

EXPERIENCE (AS CONSULTANT): BSI; South American

RESEARCH ACTIVITY ONE: Diversity and stability of tropical crop systems

RESEARCH ACTIVITY TWO: Influence of vegetation diversity on insects

RESEARCH ACTIVITY THREE: Pesticides induced aphid outbreaks

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1507)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(6,M); Northeast(7,M); South America(1,M)

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<596>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<596>

Roscinski, Robert J., 1950, BS, 1972, Zoology,
814-899-2027
3907 Nancy Ave.; Erie, PA 16510, US

PRINCIPAL FIELD: My competence is in fisheries
science

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(3);
Biochemistry(3); Biostatistics(3);
Biophysics(3); Entomology(3); Fishery
Biology(1); Environmental Pollution(3);
Genetics(3); Limnology(3); Population
Biology(3); Reproductive Biology(3); Water
Resources Management(3); Wildlife
Management(3)

INTEREST IN WORKING WITH: Agriculture; Mining;
Utility; Local Government; Civic action
group; Conservation group; Professional
society; The Institute of Ecology(TIP); The
Nat'l Academy of Sciences INRC; USDA; COE;
EPA; HEW; USDI; NSP; OST (205)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(0.5)

AVAILABILITY (DAYS PER MONTH): Currently serving
in U.S. Army, ETS is Dec. 3, 1974

<597>

Rose, Cort D., 1937, PhD, 1966, Ecology,
301-326-4281
Department of Fisheries; Chesapeake
Biological Laboratory; University of
Maryland; Box 38; Solomons, MD 20688, US

PRINCIPAL FIELD: Aquaculture of Shrimp and
shellfish

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Aquatic Ecology(1);
Biostatistics(1); Fishery Biology(1);
Environmental Pollution(1); Genetics(3);
Marine Biology(1); Oceanography(3); Water
Resources Management(1); Wildlife
Management(1)

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Local or regional planning
group; EPA

RESEARCH ACTIVITY ONE: Oil spill in the
Schuylkill River basin

RESEARCH ACTIVITY TWO: Aquaculture in Louisiana
salt-marsh impoundment

RESEARCH ACTIVITY THREE: Shellfish hatchery in
Chesapeake Bay

INTEREST IN WORKING WITH: Private sector; Local
government; Conservation or scientific group;
International organizations; U.S. Federal
Government; Other governments (13)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(2,M); Southeast(10,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

<598>

Ross, Robert M., 1949, BA, 1971, Biology,
412-588-8999
RD #5 Mercer Road; Greenville, PA 16125, US

PRINCIPAL FIELD: Aspects of communication
behavior in birds

COMPETENCE: Animal Behavior(2); Ornithology(2)

EXPERIENCE (AS EMPLOYEE): Civic action group;
Conservation group

RESEARCH ACTIVITY ONE: Communication behavior in
white-breasted Nuthatch

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3194)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M);
Southeast(1); Japan(1)

<599>

Rowe, Gilbert T., 1942, PhD, 1968, Zoology,
617-548-1400
Biology; Woods Hole Oceanographic
Institution; Woods Hole, MA 02543, US

PRINCIPAL FIELD: Benthic invertebrate community
ecology in the deep sea

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Environmental Pollution(1);
Marine Biology(1); Oceanography(2);
Population Biology(3); Systematics(3)

RESEARCH ACTIVITY ONE: Ecology of submarine
canyons

RESEARCH ACTIVITY TWO: Animal sediments
relationships in deep sea

RESEARCH ACTIVITY THREE: Solid refuse disposal,
deepsea, effects

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International organizations; U.S. Federal
Government; Other Governments (3180)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling; Hydroelectric power;
Navigation; Water quality control; Fish &
Wildlife conservation; Ocean Dumping

GEOGRAPHIC FAMILIARITY (YEARS): South Central(2);
Northeast(4,M); Southeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,9; S,10

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<600>
Ruber, Ernest, 1930, PhD, 1965, Zoology,
617-437-2260
Biology; Northeastern University; Boston, MA
02115, US

PRINCIPAL FIELD: Ecology of Salt Marsh Meiofauna

COMPETENCE: Anatomy (3); Animal Ecology (2);
Aquatic Ecology (1); Biostatistics (3);
Entomology (3); Environmental Pollution (2);
Limnology (2); Salt Marsh Ecology (1); Marine
Biology (1); Parasitology (3); Pest Control (3);
Plant Ecology (3); Population Biology (2);
Systematics (3)

RESEARCH ACTIVITY ONE: Role of killifish in salt
marsh pool dynamics

RESEARCH ACTIVITY TWO: Effects of organophosphate
insecticides on algae

RESEARCH ACTIVITY THREE: Effects of larvicides on
microcrustaceans

INTEREST IN WORKING WITH: Private Sector; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group; U.S.
Federal Government; Canadian (1891)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5,M);
Middle Atlantic (7,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,6

<601>
Rudkin, George T., 1917, PhD, 1942, Genetics
Institute for Cancer Research; 7701 Burholme
Avenue; Philadelphia, PA 19111, US

PRINCIPAL FIELD: Cytochemistry of chromosomal
activity; chemical aspects of development

COMPETENCE: Respondent lists 16 or more
scientific fields

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (413)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (5,M); Middle Atlantic (21,M); Europe,
western (3,M); Polynesia (3); Australia (3)

<602>
Russell, Harold G., Jr., 1919, MS, 1948,
Entomology, 202-693-6990
Office Chief Engineers; Department of Army;
1000 Independence Ave.; Washington, DC
20314, US

PRINCIPAL FIELD: Management of Department of
Army, pest management programs

COMPETENCE: Entomology (1); Forestry (3);
Limnology (2); Marine Biology (2);
Oceanography (3); Pest Control (1); Taxonomy (2)

EXPERIENCE (AS EMPLOYEE): COE; DOD

RESEARCH ACTIVITY ONE: Pesticide categorization

INTEREST IN WORKING WITH: United Nations; CC;
COE; DOD; OST (1027)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain (4); Southwest (2); Middle
Atlantic (19); Asia (2)

<603>
Sack, William A., 1935, PhD, 1964, Civil
Engineering, 304-293-3580
Dept. Civil Engineering; West Virginia
University; Morgantown, WV 26505, US

PRINCIPAL FIELD: Water pollution control

COMPETENCE: Aquatic Ecology (3); Bacteriology (3);
Biochemistry (3); Environmental Pollution (1);
Microbiology (3); Water Resources Management (2)

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Mining; County or city
government; Local or regional planning group;
State government; EPA

RESEARCH ACTIVITY ONE: Waste treatment using
bio-disc

RESEARCH ACTIVITY TWO: Tannery waste treatment

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Mining; Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1946)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic (4) 4

AVAILABILITY (DAYS PER MONTH): A,2; S,?

<604>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<604>

Salla, Saul B., 1924, PhD, 1952, Fisheries,
401-792-6239
Grad. School of Oceanography; University of
Rhode Island; Kingston, RI 02881, US

PRINCIPAL FIELD: Population dynamics of aquatic
organisms

COMPETENCE: Aquatic Ecology(1); Biostatistics(2);
Fishery Biology(1); Oceanography(1);
Population Biology

EXPERIENCE (AS EMPLOYEE): United Nations

EXPERIENCE (AS CONSULTANT): Mining; Utility;
County or city government; Local or regional
planning group; State government;
Conservation group; Professional society; The
Nat'l Academy of Sciences; United Nations;
COE; EPA; HEW; NSP; AID; South American

RESEARCH ACTIVITY ONE: Mid Atlantic Bight
Environmental Survey

RESEARCH ACTIVITY TWO: Electric Fish barrier
evacuation

RESEARCH ACTIVITY THREE: Fish population dynamics

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1629)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Dredging, filling; Hydroelectric
power; Flood control; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Northeast(12); Middle Atlantic(2); Central
America(0.5); Europe, western(1.5)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<605>

Saltarelli, Cora G., 1916, PhD, 1964, Biology,
716-836-2838
Bioengineering; Roswell Park Memorial
Institute; 666 Elm St.; Buffalo, NY 14208, US

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government

RESEARCH ACTIVITY ONE: Immunoelectrophoresis
resistant Candida Albicans

RESEARCH ACTIVITY TWO: Ultracentrifugation yeast
cells in gradient acrylamide

RESEARCH ACTIVITY THREE: Growth stimulation or
inhibition by metabolic by-products

INTEREST IN WORKING WITH: Local Government; The
Institute of Ecology; The Nat'l Academy of
Sciences; International Organizations; AEC;
CC; COE; EPA; HEW; HUD; NSP; OST; African
(1506)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13,M)

AVAILABILITY (DAYS PER MONTH): A,5+; S,5+

<606>

Samuel, David R., 1940, PhD, 1969, Wildlife,
304-293-4797
Division of Forestry; West Virginia
University; Morgantown, WV 26506, US

PRINCIPAL FIELD: Environmental change and effects
on wildlife, adult education

COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Aquatic Ecology(2);
Biostatistics(3); Fishery Biology(3);
Forestry(3); Environmental Pollution(2);
Limnology(3); Ornithology(1);
Parasitology(3); Physiology(3); Population
Biology(3); Wildlife Management(1)

EXPERIENCE (AS CONSULTANT): State government;
Conservation group; Professional society;
Private Co.-communications

RESEARCH ACTIVITY ONE: Effects of strip mining on
deer and grouse

RESEARCH ACTIVITY TWO: Developing slide-lecture
units on wildlife

RESEARCH ACTIVITY THREE: Vocalizations of
woodcock and grouse

INTEREST IN WORKING WITH: Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; Private Co.-Communications; CC;
COE; EPA; USDI; NSP; African; Canadian (1978)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Pesticides, herbicides; Hydroelectric power;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); Northeast(9,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<607>

Sanchez, James R., 1941, BS, 1964, Chem. Engr.,
717-843-5561
Engineering Dept.; Buchart Horn Consulting
Engineers; 612 W. Market St.; York, PA
17405, US

PRINCIPAL FIELD: Process Engineering related to
industrial pollution control

COMPETENCE: Environmental Pollution(1)

EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing; Mining

RESEARCH ACTIVITY ONE: Industrial waste treatment
- Aluminum anodizing

RESEARCH ACTIVITY TWO: Textile waste treatment
system

RESEARCH ACTIVITY THREE: Industrial laundry waste
treatment system

INTEREST IN WORKING WITH: Local Government;
International Organizations; U.S. Federal
Government; Other Governments (3081)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Rocky Mountain(3); North
Central(1); Middle Atlantic(3,M); Asia(1)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<608>
Sanderford, Sharon G., 1944, BA, 1966, Biology,
919-755-2892
Forest Management; North Carolina State
University; Biltmore Hall; Raleigh, NC
27607, US

PRINCIPAL FIELD: Forest fertilization and weight
quality

COMPETENCE: Environmental Pollution(2); Soil
Science(2)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: First Annual Report North
Carolina State Forest fertilization
cooperative

RESEARCH ACTIVITY TWO: Second Annual Report North
Carolina State Forest fertilization
cooperative

RESEARCH ACTIVITY THREE: Third Annual Report
North Carolina State Forest fertilization
cooperative

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (760)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (6⁵);
Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

RESEARCH ACTIVITY ONE: Evaporative cooling of
hort. crops

RESEARCH ACTIVITY TWO: Vegetable plant populations

RESEARCH ACTIVITY THREE: Thermal waste in heating
the soil

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (414)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(6,M); Southeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,2

<610>
Satterwhite, Melvin B., 1944, MS, 197D, Plant
Ecology, 617-894-2400
Engineering/Planning; USA Corps of Engineers;
424 Trapelo Road; Waltham, MA 02154, US

PRINCIPAL FIELD: Water Pollution Abatement and
Plant Response

COMPETENCE: Agronomy(3); Agricultural Science(3);
Aquatic Ecology(3); Environmental
Pollution(1); Microbiology(3); Plant
Ecology(1); Range Science(3); Soil
Science(2); Systematics(1); Taxonomy(1);
Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; COP

EXPERIENCE (AS CONSULTANT): Agriculture; USDA

RESEARCH ACTIVITY ONE: Grass response to feedlot
runoff effluent

RESEARCH ACTIVITY TWO: Evaluation of rapid
infiltration beds

RESEARCH ACTIVITY THREE: Wastewater studies for
Merrimack River & Boston Harbor

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining; Local
Government; Conservation or Scientific Group;
United Nations; USDA; USDC; CC; COE; EPA;
NSP; OST; Other Governments: Asian; African;
Central American; Canadian; European,
eastern; European, western; South American
(3376)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Reservoirs/Dams;
Levees/dikes; Watershed, forest, range; Flood
control; Water quality control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(3,M); Northeast(2)

<609>
Sanders, Douglas C., 1942, PhD, 1970,
Horticulture-755-3284
Dept. of Horticultural Science; North
Carolina State University; Raleigh, NC
27607, US

PRINCIPAL FIELD: Evaluation of climate crop
interactions

COMPETENCE: Agronomy(2); Agricultural Science(1);
Anatomy(3); Biochemistry(3);
Biostatistics(2); Food Sciences(3);
Environmental Pollution(3); Horticulture(1);
Microclimatology(2); Nutrition(2); Plant
Ecology(2); Physiology(1); Soil Science(2);
Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government

<611>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<611>

Sattin, Bruce M., 1949, MS, 1973, Botany,
215-676-3491
204 Erica Street; Philadelphia, PA 19116, US

PRINCIPAL FIELD: Grazing pressure effects on
plant populations; environmental law

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(3); Environmental Pollution(3); Plant
Ecology(1); Population Biology(2); Taxonomy(3)

EXPERIENCE (AS CONSULTANT): IOCN

RESEARCH ACTIVITY ONE: Grazing pressure effects
on pine seedling growth

RESEARCH ACTIVITY TWO: Survey of University of
Georgia Botanical Garden

INTEREST IN WORKING WITH: Construction;
Manufacturing; Transportation; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (206)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(2,M);
Northeast(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<612>

Savage, Joseph E., 1944, BS, 1967, Entomology,
516-538-7400
Cooperative Extension; 300 Hempstead
Turnpike; West Hempstead, NY 11552, US

PRINCIPAL FIELD: Pest management, horticultural
and health insects

COMPETENCE: Entomology(1); Pest Control(1)

EXPERIENCE (AS EMPLOYEE): County or city
government; USDA; OOD

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group; Thailand

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other governments (3441)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Parks,
recreational facilities; Pesticides,
herbicides; Soil erosion; Tailings, spoils
disposal

GEOGRAPHIC FAMILIARITY (YEARS): South Central(4);
Northeast(M); Middle Atlantic(1); Thailand(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<613>

Savidge, Irvin R., 1943, PhD, 1970, Zoology,
919-755-2541
Statistics/Biomath; North Carolina State
University; Box 5447; Raleigh, NC 27607, US

COMPETENCE: Animal Behavior(1); Animal
Ecology(2); Genetics(3); Ornithology(2); Pest
Control(3); Population Biology(1); Wildlife
Management(2)

RESEARCH ACTIVITY ONE: Biomathematical Modeling

RESEARCH ACTIVITY TWO: Social Behavior of
Peromyscus

RESEARCH ACTIVITY THREE: Bird Populations

INTEREST IN WORKING WITH: Local Government;
Conservation group; Professional society; The
Institute of Ecology (TIF); The Nat'l Academy
of Sciences; U.S. Federal Government;
Canadian (1110)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5);
Southeast(1); Asia(1)

<614>

Scanlon, Patrick E., 1941, PhD, 1970, Animal
Science, 703-951-6944
Virginia Polytechnical Institute State
University; Blacksburg, VA 24061, US

COMPETENCE: Agricultural Science(3); Anatomy(2);
Animal Behavior(2); Animal Ecology(3); Animal
Husbandry(2); Environmental Pollution(2);
Genetics(3); Ornithology(3); Pest Control(2);
Physiology(1); Reproductive Biology(1);
Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; Manufacturing; Utility;
Canadian; European, western

EXPERIENCE (AS CONSULTANT): USDI

RESEARCH ACTIVITY ONE: Ecol. Infl. Health Reprod.
Wildlife in S.E. Forest Habitats

RESEARCH ACTIVITY TWO: Control Reprod. Domestic
Animals

RESEARCH ACTIVITY THREE: Appl. Egg transfer in
induction twins in cattle

INTEREST IN WORKING WITH: Agriculture; Local
Government; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences; International Organizations; U.S.
Federal Government; Other Governments (156)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(2,M);
Canada, eastern(2); Europe, western(4)

AVAILABILITY (DAYS PER MONTH): A,4; S,12

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<615>
Scattergood, Leslie W., 1914, BS, 1936, Zoology, 202-343-6213
National Oceanic Atmosph. Ad.; Environmental Science Information Center; 3300 Whitehaven Street; Washington, DC, US

PRINCIPAL FIELD: Scientific review and editing of oceanic manuscripts

COMPETENCE: Fishery Biology(1); Marine Biology(2); Oceanography(3); Parasitology(3)

EXPERIENCE (AS EMPLOYEE): United Nations; USDC; USDI

EXPERIENCE (AS CONSULTANT): DOD; Central American; European, western

RESEARCH ACTIVITY ONE: Effect on fisheries of Passamaquoddy Bay Dam

RESEARCH ACTIVITY TWO: Investigation of herring resources in New England

RESEARCH ACTIVITY THREE: Study of fungus disease of herring

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1975)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(3); Northeast(19,M); Middle Atlantic(12); Central America(1); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<616>
Schaefer, Edward D., 1944, MS, 1972, Environmental Engineering, 609-461-6748
J.J. Henry Co. Naval Architects; 1 West Park Dr.; Moorestown, NJ 08057, US

PRINCIPAL FIELD: Structural analysis of vessels

COMPETENCE: Environmental Pollution(2); Systems Analysis(3); Water Resources Management(3)

RESEARCH ACTIVITY ONE: Effects of temperature and toxicity on P. Roseola

RESEARCH ACTIVITY TWO: Hazard associated with ship and breakwater collision

RESEARCH ACTIVITY THREE: Design of sewage treatment plant

INTEREST IN WORKING WITH: Utility; Local or regional planning group; Conservation or Scientific Group; AEC; COE; EPA; NSF; OST; Central American (315)

IMPACT ASSESSMENT EXPERIENCE: Navigation; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1,M); Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<617>
Schaffer, Henry P., 1938, PhD, 1964, Genetics, 919-755-2294
Genetics Dept.; North Carolina State University; Box 5487; Raleigh, NC 27607, US

PRINCIPAL FIELD: Population, mathematical, quantitative, and statistical genetics

COMPETENCE: Biostatistics(2); Genetics(1); Population Biology(3)

RESEARCH ACTIVITY ONE: Isozyme polymorphism environment interaction

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1068)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2); Southeast(11.5)

<618>
Schemnitz, Sanford D., 1930, PhD, 1958, Wildlife, 207-581-7388
222 Nutting Hall; School of Forest Resources; University of Maine; Orono, ME 04473, US

PRINCIPAL FIELD: Wildlife ecology and wildlife management, upland and big game

COMPETENCE: Animal Behavior(2); Animal Ecology(2); Fishery Biology(3); Forestry(3); Environmental Pollution(3); Ornithology(2); Plant Ecology(3); Population Biology(3); Range Science(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): Conservation group

EXPERIENCE (AS CONSULTANT): County or city government

RESEARCH ACTIVITY ONE: Influence of deer on vegetation

RESEARCH ACTIVITY TWO: Breeding behavior of male woodcock

RESEARCH ACTIVITY THREE: Ecology of ruffed grouse in Maine

INTEREST IN WORKING WITH: Transportation; Utility; Conservation group; Professional society; The Institute of Ecology (TIE); The Nat'l Academy of Sciences; IBCN; AEC; COF; EPA; USDI; NSP; Other Governments (1990)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3); North Central(2); Northeast(10,M); Middle Atlantic(2); Southeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,5

<619>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<619>

Scherer, Robert C., 1931, PhD, 1965, Zoology,
717-748-5351
Dept. of Biology; Pennsylvania State
University; University Park, PA 16803, US

PRINCIPAL FIELD: Population Dynamics of Salmonids
and Macroinvertebrates

COMPETENCE: Aquatic Ecology(1); Limnology(2);
Population Biology(3)

EXPERIENCE (AS EMPLOYEE): Manufacturing; Utility

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Utility; State government

RESEARCH ACTIVITY ONE: Corning glass works
effects of glass plant effluents

RESEARCH ACTIVITY TWO: Allegany Power Company
Effects of pump storage

INTEREST IN WORKING WITH: Conservation or
Scientific Group; U.S. Federal Government;
Other Governments (1300)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Highways; Water
Resource Development(Genl); Channelization;
Hydroelectric power; Water supply; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(14);
Southeast(2); Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,10; S,20

<620>

Schlauch, Frederick C., 1949, Ecology
415 Clift Street; Central Islip, NY 11722, US

PRINCIPAL FIELD: Herpetology of Long Island, New
York

COMPETENCE: Animal Ecology(3); Herpetology(2);
Systematics(3); Taxonomy(3); Long Island
Natural History(2)

RESEARCH ACTIVITY ONE: Turtle marking project on
Long Island

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; U.S.
Federal Government (3569)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M);
Middle Atlantic(M)

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<621>

Schmude, Keith O., 1930, MS, 1958, Soil Science,
304-599-3148
U.S. Soil Conservation Service; 1429 Dogwood
Ave.; Morgantown, WV 26505, US

PRINCIPAL FIELD: Soil science classification,
mapping and interpretations for land use
planning

COMPETENCE: Agronomy(2); Agricultural Science(2);
Animal Husbandry(3); Bacteriology(3);
Entomology(3); Plant Ecology(3); Soil
Science(1); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Transportation;
Utility; County or city government; Local or
regional planning group; State government;
Civic action group; Conservation group;
Professional society

RESEARCH ACTIVITY ONE: Evaluate land for
residential development

RESEARCH ACTIVITY TWO: Evaluate land for
commercial development

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (3783)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Forestry; Highways; Parks,
recreational facilities; Soil erosion;
Tailings, spoils disposal; Water Resource
Development(GENL)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(11,M); Middle Atlantic(5)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<622>

Schnell, Charles E., 45, PhD, 1973, Ecology,
301-366-3300
Geography and Environmental Engineering;
Johns Hopkins University; Charles and
University; Baltimore, MD 21218, US

PRINCIPAL FIELD: Structure and dynamics of
communities, resource partitioning, tropical
biology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Utility; State
government

RESEARCH ACTIVITY ONE: Resource partitioning of
tropical epiphytes

RESEARCH ACTIVITY TWO: Structure of a tropical
plant-pollinator system

RESEARCH ACTIVITY THREE: Systematics of conostegio

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments; Central
American; South American (1097)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENL)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific(1);
Northeast(2); Middle Atlantic(1); Central
America(3)

AVAILABILITY (DAYS PER MONTH): A,10; S,25

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<623>
Schoonveld, Gene G., 1937, MS, 1970, Wildlife
Biology, 303-484-2836
Colorado Division of Wildlife; Research
Centre Colorado Div. of Wildlife; P.O. Box
2287; Fort Collins, CT 80521, US

PRINCIPAL FIELD: Interrelationships of nutrition
upon animal diseases and parasites

COMPETENCE: Anatomy(1); Animal Husbandry(2);
Nutrition(1); Ornithology(3); Physiology(1);
Range Science(1); Veterinary Science(3);
Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government; Local or regional
planning group; USDA; CC; COE

RESEARCH ACTIVITY ONE: Nutrition and disease of
bighorn sheep

RESEARCH ACTIVITY TWO: Physiological effects of
starvation or malnutrition upon mule deer

INTEREST IN WORKING WITH: Private Sector; Local
Government; U.S. Federal Government; Other
Governments (2019)

IMPACT ASSESSMENT EXPERIENCE: Park, recreational
facilities; Fish & Wildlife conservation;
Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(5,M); Hawaii(4); Canada, western(4,M)

AVAILABILITY (DAYS PER MONTH): A,8-10; S,8-10

<624>
Schreck, Carl B., 1944, PhD, 1972, Fish
Physiology, 703-951-6944
Fisheries and Wildlife; Virginia
Polytechnical Institute State University;
1013 Draper Road; Blacksburg, VA 80520, US

PRINCIPAL FIELD: Fish Physiology and Systematics,
Comparative Endocrinology

COMPETENCE: Animal Ecology(2); Biochemistry(1);
Fishery Biology(1); Environmental
Pollution(3); Physiology(1); Systematics(1);
Taxonomy(1); Wildlife Management(3)

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Reproductive endocrinology
of fishes

RESEARCH ACTIVITY TWO: Trouts of upper Kern River
Basin California

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1521)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Pesticides, herbicides; Water
Resource Development(Genl); Watershed,
forest, range; Hydroelectric power; Water
quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1,M); Rocky Mountain(5,M);
Southeast(1); Europe, eastern(0.5)

AVAILABILITY (DAYS PER MONTH): A,15; S,15

<625>
Schueler, Robert L., 1920, MS, 1948, Wildlife,
202-343-8846
National Marine Fisheries Service; Dept. of
Commerce; 3300 Whitehaven St. NW; Washington,
DC 20007, US

PRINCIPAL FIELD: Impact assessment of water
resources projects on fish and wildlife

COMPETENCE: Aquatic Ecology(3); Fishery
Biology(2); Forestry(3); Marine Biology(3);
Population Biology(3); Water Resources
Management(1); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): USOC; USDI

RESEARCH ACTIVITY ONE: Sabine River diversion
project, Louisiana

RESEARCH ACTIVITY TWO: Virginia Capes artificial
reefs

RESEARCH ACTIVITY THREE: Great Lakes water levels
study

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (3789)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENL); Channelization; Dredging,
filling; Reach nourishment; Reservoirs/Dams;
Levees/dikes; Coastal protection/jetties;
Canals/Channels; Watershed, forest, range;
Reservoir releases; Hydroelectric power;
Navigation; Flood control; Irrigation; Water
supply; Water quality control; Shoreline
protection; Fish & Wildlife conservation

AVAILABILITY (DAYS PER MONTH): North Central(8);
South Central(4); Northeast(6); Middle
Atlantic(6); Southeast(1); Pacific(2)

<626>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<626>

Schulz, Arnold P., 1923, MS, 1950, Game Management-304-6361
U.S. Forest Service; Monongahela National Forest; USDA Bldg. Sycamore St.; Elkins, WV 26241, US

PRINCIPAL FIELD: Forest wildlife management - inventory habitat, prescribe management to achieve objectives

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): State government; USDA; USDI

EXPERIENCE (AS CONSULTANT): Local or regional planning group; State government; Civic action group; Conservation group; Professional society; COP

RESEARCH ACTIVITY ONE: White-tailed deer research

RESEARCH ACTIVITY TWO: Establishing wildlife management demonstration areas

RESEARCH ACTIVITY THREE: Stream dredging coordination

INTEREST IN WORKING WITH: Local or regional planning group; State government; Conservation or Scientific Group; DSDA; COE; EPA; USDI (2326)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways; Parks, recreational facilities; Pesticides, herbicides; Soil erosion; Tailings, spoils disposal; Water Resource Development(GENL); Channelization; Dredging, filling; Reservoirs/Dams; Levees/dikes; Watershed, forest, range; Reservoir releases; Flood control; Water supply; Water quality control; Shoreline protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(3); Middle Atlantic(19)

<627>

Schumacher, George J., 1924, PhD, 1952, Botany, 607-798-2439
Biological Sciences; State University of NY; Vestal Parkway; Binghamton, NY 13901, US

PRINCIPAL FIELD: Populations ecology systematics of fresh water algae

COMPETENCE: Aquatic Ecology(2); Environmental Pollution(3); Limnology(2); Phycology(1); Systematics(1); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): AEC

EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group; State government; Conservation group; VITA

RESEARCH ACTIVITY ONE: Fresh water algae in North Carolina

RESEARCH ACTIVITY TWO: Phytoplankton of Delaware River Basin

RESEARCH ACTIVITY THREE: Phytoplankton of Susquehanna River

INTEREST IN WORKING WITH: County or city government; Local or regional planning group; State government; Conservation group; Professional society; TIE; The Natl Academy of Sciences INRC; VITA; U.S. Federal Government; AEC; Other Government (2409)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (Genl); Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(20,M); Southeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,5-10; S,30

<628>

Schuyler, Alfred E., 1935, PhD, 1963, Botany Botany Dept.; Academy of Natural Sciences; 19th & Parkway; Philadelphia, PA 19103, US

PRINCIPAL FIELD: Systematics of cyperaceae

COMPETENCE: Systematics(1); Taxonomy(1)

EXPERIENCE (AS CONSULTANT): NSF

RESEARCH ACTIVITY ONE: Systematic leaf anatomy of bulrushes

RESEARCH ACTIVITY TWO: Scanning electron microscopy of achenes

RESEARCH ACTIVITY THREE: Estuarine plants of rivers near Philadelphia

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; IAPT; USDA; COE; EPA; NSF; OST; AID; Other Governments (428)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5); Northeast(10)

<629>

Schwager, Harold G., 1934, MS, 1960, Biology, 518-465-3819
Dept. of Biology; Junior College of Albany; 140 New Scotland Ave.; Albany, NY 12208, US

PRINCIPAL FIELD: Anatomy, physiology, chemistry, microbiology & pathology in the health sciences/paramedical fields

COMPETENCE: Anatomy(2); Microbiology(3); Physiology(2)

INTEREST IN WORKING WITH: Local Government; Conservation group; Professional society; U.S. Federal Government; African (1199)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<630>
Schwartzberg, Henry G., 1925, PhD, 1966, Chemical Engineering, 914-949-8160
Chemical Engineering; New York University; University Heights; Bronx, NY 10453, US
PRINCIPAL FIELD: Food Process Engineering
COMPETENCE: Food Sciences(2); Environmental Pollution(2); Oceanography(3)
EXPERIENCE (AS EMPLOYEE): Manufacturing; USDA; DOD
EXPERIENCE (AS CONSULTANT): Manufacturing; County or city government; USDA; EPA
RESEARCH ACTIVITY ONE: Oil spill source detection
RESEARCH ACTIVITY TWO: Bubble induced upwelling of sea water
RESEARCH ACTIVITY THREE: Spreading and movement of oil spills
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2922)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(0.5); Middle Atlantic(25); Europe, western(0.5)
AVAILABILITY (DAYS PER MONTH): A,2; S,15

<631>
Sears, John T., 1938, PhD, 1965, Chemical Engineering, 304-296-2410
Dept. Chemical Engineering; West Virginia University; 200 Jackson Ave.; Morgantown, WV 26505, US
PRINCIPAL FIELD: Air pollution
RESEARCH ACTIVITY ONE: Economic effects of air pollution on W. Va.
INTEREST IN WORKING WITH: Local Government; U.S. Federal Government (1948)
IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production
GEOGRAPHIC FAMILIARITY (YEARS): North Central(3); Northeast(9)
AVAILABILITY (DAYS PER MONTH): A,2; S,5

<632>
Segal, Alvin, 1929, PhD, 1965, Organic Chemistry, 212-OR9-3200
Environmental Medicine; Institute of Environmental Medicine; New York University Medical Center; 550 First Ave.; New York, NY 10016, US
PRINCIPAL FIELD: Organic synthesis and biochemistry applied to cancer research
COMPETENCE: Biochemistry(2); Genetics(3)
RESEARCH ACTIVITY ONE: Inhibition of two-stage carcinogenesis in mouse skin
RESEARCH ACTIVITY TWO: Effect of carcinogens on mouse skin chromatin
RESEARCH ACTIVITY THREE: Tumor promotion of anthralin in mouse skin
INTEREST IN WORKING WITH: Manufacturing; Local Government; county or city government; Local or regional planning group; state government; Conservation or Scientific Group; Civic action group; Conservation group; Professional society; The Institute of ecology(TIP); The Nat'l Academy of Sciences INRC; United Nations; CC; COE; EPA; HEW; USDT; NSP; OST; Asian; Central American; Canadian; European, western; South American (484)
IMPACT ASSESSMENT EXPERIENCE: Environmental carcinogenesis
GEOGRAPHIC FAMILIARITY (YEARS): Southeast(2); Europe, western(1)
AVAILABILITY (DAYS PER MONTH): A,3-4; S,3-4

<633>
Sengbusch, Howard G., PhD, 1951, Parasitology Biology Department; State University of New York; 1300 Elmwood Ave.; Buffalo, NY 14222, US
PRINCIPAL FIELD: Acarology, soil mites (oribatei), life history studies, taxonomy
COMPETENCE: Animal Behavior(2); Entomology(2); Parasitology(1); Pest Control(2); Soil Science(2); Taxonomy(2)
EXPERIENCE (AS EMPLOYEE): Civic action group; Conservation group; Professional society
RESEARCH ACTIVITY ONE: Sabbatical - Univ. Mysore
RESEARCH ACTIVITY TWO: Toxoplasmosis
INTEREST IN WORKING WITH: Private Sector; County or city government; Local or regional planning group; State government; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Other Governments (Philippines) (1989)
GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(25); Southeast(2); Asia(2); Central America(1); Hawaii(0.12); Europe, western(2)
AVAILABILITY (DAYS PER MONTH): A,5; S,30

<634>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<634>

Shackelford, George G., 1920, PhD, 1955, History
Dept. of History; Virginia Polytechnic &
State University; Blacksburg, VA 24061, USPRINCIPAL FIELD: Design and management of
historic house musea & sites

COMPETENCE: Historic Preservation(1)

EXPERIENCE (AS CONSULTANT): Civic action group;
COERESEARCH ACTIVITY ONE: Smith Field Plantation
House Restoration & ManagementRESEARCH ACTIVITY TWO: Morven Park Historic House
& Carriage MuseumRESEARCH ACTIVITY THREE: Impact study Little
Kanawha R., W. Va.INTEREST IN WORKING WITH: Civic action group;
Conservation group; Professional society;
United Nations; UNESCO; COE; DOD; EPA; HEW;
HDD; USDI; AID; Canadian; European western;
Australia; New Zealand (135)IMPACT ASSESSMENT EXPERIENCE: Historic
preservationGEOGRAPHIC FAMILIARITY (YEARS): South Central(1);
Northeast(1); Southeast(24); Central
America(0.5); Europe, western(0.5); Pacific(2)

AVAILABILITY (DAYS PER MONTH): A,8; S,30

<635>

Shanholtzer, Sheryl F., 1947, MS, 1966, Zoology,
201-272-8300
James and Moore Consultants; 14 Commerce Dr.;
Cranford, NJ 07016, USPRINCIPAL FIELD: Salt marsh ecology with emphasis
on energy flow through UCA Pugnax populationCOMPETENCE: Anatomy(3); Animal Ecology(2);
Aquatic Ecology(2); Bacteriology(3);
Biochemistry(3); Biostatistics(3); Fishery
Biology(3); Environmental Pollution(3);
Limnology(3); Marine Biology(2);
Ornithology(2); Population Biology(1);
Systematics(3); Systems Analysis(2)

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Environmental report -
Nuclear power plantRESEARCH ACTIVITY TWO: Energy flow through UCA
Pugnax populationRESEARCH ACTIVITY THREE: Ecological survey
coastal region of GeorgiaINTEREST IN WORKING WITH: Construction;
Transportation; Utility; Local Government;
Professional society; U.S. Federal Government
(717)IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(9,M)

<636>

Shaw, David G., 1945, PhD, 1971, Organic Chem.,
203-446-1020
Marine Sciences Inst; University of
Connecticut; Avery Point; Groton, CT 06340,
USPRINCIPAL FIELD: Transport and Alteration of
Organic Chemicals in Marine EnvironmentsCOMPETENCE: Biochemistry(3); Environmental
Pollution(1); Ornithology(1)

RESEARCH ACTIVITY ONE: GC-MS Analysis of PCB, DDT

RESEARCH ACTIVITY TWO: Organics in Boston Harbor
SedimentsINTEREST IN WORKING WITH: Manufacturing;
Transportation; Utility; Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (901)IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Coastal protection/jetties;
Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M)

AVAILABILITY (DAYS PER MONTH): (A,4; S,4)

<637>

Shearer, Carol A., 1941, PhD, 1971, Mycology,
217-454-3818
Botany; University of Maryland; H.J.
Patterson Hall; College Park, MD 20742, US

PRINCIPAL FIELD: Estuarine Mycology

COMPETENCE: Aquatic Ecology(2); Mycology(1);
Marine Biology(3); Microbiology(3); Plant
Ecology(3); Plant Pathology(3)INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3903)GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(10,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<638>
Shellabarger, Claire J., 1924, PhD, 1952,
Zoology, 516-345-3674
Medical Dept.; Brookhaven National
Laboratory; Dpton, NY 11973, US
PRINCIPAL FIELD: Experimental Radiation and
Chemical Carcinogenesis
COMPETENCE: Radiation Biology(2); Physiology;
Reproductive Biology; Carcinogenesis
EXPERIENCE (AS EMPLOYEE): AEC
EXPERIENCE (AS CONSULTANT): Asian
RESEARCH ACTIVITY ONE: Chemical and Radiation Rat
Breast Tumors
RESEARCH ACTIVITY TWO: In Vitro Induction of
Breast Tumors
RESEARCH ACTIVITY THREE: Radiation Dose Response
for Rat Breast Tumors
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2057)
GEOGRAPHIC FAMILIARITY (YEARS): North Central (8);
Northeast (10,M); Asia (0.5); Europe, western (2)
AVAILABILITY (DAYS PER MONTH): A, 1-3; S, 1-3

<639>
Sherbine, K. Bruce, 1938, PhD, 1968, Zoology,
717-326-1951
Dept. of Biology; Lycoming College;
Williamsport, PA 17701, US
PRINCIPAL FIELD: Ecology of Aquatic Habitats -
Research With Plethodont Salamanders
COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Aquatic Ecology(1); Fishery
Biology(3); Environmental Pollution(3);
Genetics(3); Limnology(2); Marine Biology(2);
Oceanography(2); Plant Ecology(3); Population
Biology(3)
INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; U.S.
Federal Government (3365)
GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(12,M)
AVAILABILITY (DAYS PER MONTH): S, 20

<640>
Sheridan, Vincent G., 1921, BS, 1951, Civil
Engineering-Sanitary Bus-Acct., 518-943-3308
Buck-Sheridan Assoc.
Appraisers-Planners-Environmental Engineers;
204 Main Street; Goshen, NY, US
COMPETENCE: Agricultural Science; Animal
Husbandry; Forestry; Environmental
Pollution(2); Soil Science; Water Resources
Management
EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Mining; Utility
INTEREST IN WORKING WITH: Agriculture;
Construction; Mining; Utility; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Central American; Canadian; South American
(3124)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(20)
AVAILABILITY (DAYS PER MONTH): A, 3; S, 3

<641>
Sherwood, Martha A., 1948, BA, 1970, Biology
Plant Pathology Department; Cornell
University; Ithaca, NY 14850, US
PRINCIPAL FIELD: Surveying and identifying fungi
COMPETENCE: Bacteriology(3); Entomology(3);
Forestry(3); Microbiology(3); Plant
Ecology(3); Plant Pathology(3); Taxonomy(3);
Mycology
EXPERIENCE (AS EMPLOYEE): NSP
RESEARCH ACTIVITY ONE: Research assistant JBP
coniferous forest biome
INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (639)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2,M)
AVAILABILITY (DAYS PER MONTH): A, ?; S, ?

<642>
Shetler, Stanwyn G., 1933, MS, 1958, Plant
Taxonomy, 202-381-5801
Department of Botany; Smithsonian
Institution, DC 20560, US
PRINCIPAL FIELD: Information Retrieval Applied to
Floristics and Taxonomy
COMPETENCE: Biostatistics(3); Plant Ecology(3);
Systematics(3); Systems Analysis(2);
Taxonomy(1)
EXPERIENCE (AS EMPLOYEE): Smithsonian Institute
EXPERIENCE (AS CONSULTANT): Local or regional
planning group; Civic action group;
Conservation group; Professional society
RESEARCH ACTIVITY ONE: Flora North American
Program
INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
UN; USDA; AEC; USDC; CC; COE; EPA; HEW; HUD;
OSDI; NSP; OST; AID; DOT; European, eastern
(254)
GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(0.5); Northeast(M); Middle
Atlantic(10,M); Alaska(0.5)
AVAILABILITY (DAYS PER MONTH): A, 2-4; S, 2-4

<643>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<643>

Shiner, James W., 1935, PhD, 1970, Forest Recrn,
412-794-7503
Recreation; Slippery Rock State College;
Slippery Rock, PA 16057, US

PRINCIPAL FIELD: Recreation Resource Analysis,
Planning & Management

COMPETENCE: Entomology(3); Forestry(2);
Environmental Pollution(3); Plant Ecology(3);
Systems Analysis(3); Water Resources
Management(3); Wildlife Management(2);
Recreation Resource Management(1)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): County or city
government; Civic action group; COE

RESEARCH ACTIVITY ONE: Recreation impact on
wildlife

RESEARCH ACTIVITY TWO: Resource management plans

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3201)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M);
Middle Atlantic(1); Southeast(9,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

<644>

Shoop, C.R., 1935, PhD, 1963, Zoology,
401-792-2372
Zoology; University of Rhode Island;
Kingston, RI 02881, US

PRINCIPAL FIELD: Vertebrate and Aquatic Ecology;
Radiation Ecology

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Aquatic Ecology(2); Fishery
Biology(3); Environmental Pollution(2);
Limnology(3); Herpetology(1); Plant
Ecology(3); Population Biology(2);
Systematics(3); Radiation Ecology(1)

EXPERIENCE (AS CONSULTANT): Local or regional
planning group

RESEARCH ACTIVITY ONE: Radiation Effects on
Behavior

RESEARCH ACTIVITY TWO: Aquaculture and Biology of
Sea Turtles

INTEREST IN WORKING WITH: Transportation; AEC;
COB; EPA; NSF (1131)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(11,M);
Southeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<645>

Shultz, Harvey A., 1942, BS, 1966, Entomology,
755-215-3656
Applied Biology; North Nav. Pac. Eng. Com.;
US Naval Base; Philadelphia, PA 19112, US

PRINCIPAL FIELD: General pest management

COMPETENCE: Entomology(2); Forestry(3); Pest
Control(1); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): Asian

RESEARCH ACTIVITY ONE: Eval larvicidal briquettes
for cont. mosquitoes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2532)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

AVAILABILITY (DAYS PER MONTH): Southwest(1);
Northeast(4,M)

<646>

Sieburth, John McN., 1927, PhD, 1954,
Bacteriology, 401-792-6176
Graduate School of Oceanography; University
of Rhode Island; Narragansett Marine
Laboratory; Kingston, RI 02881, US

PRINCIPAL FIELD: Marine microbial ecology

EXPERIENCE (AS CONSULTANT): Mining

RESEARCH ACTIVITY ONE: Seaweed colonization &
release of organic material

RESEARCH ACTIVITY TWO: Water treatment in closed
ecosystems

RESEARCH ACTIVITY THREE: Humic substances in
estuaries

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (308)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); North Central(4); Northeast(12);
Southeast(5); Canada, western(22); Europe,
western; Antarctica

AVAILABILITY (DAYS PER MONTH): A,1; S,1

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<647>
Simeone, John E., 1919, PhD, 1960, Insect Ecology, 315-476-3151
Forest Entomology Department; SUNY Coll. Envir. Sci. & Forestry, Syracuse, University; Syracuse, NY 13210, US

PRINCIPAL FIELD: Ecology of Forest, Tree, and Forest Products Insects

COMPETENCE: Animal Ecology(3); Entomology(1); Forestry(1); Pest Control(1)

EXPERIENCE (AS CONSULTANT): Agriculture; Construction; Manufacturing; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; USDA; NSF

RESEARCH ACTIVITY ONE: Pheromone Production by Smaller European Elm Beetle

RESEARCH ACTIVITY TWO: Evaluation of Pesticide Residues in Forestry

RESEARCH ACTIVITY THREE: Ecology of Wood Inhabiting Insects

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Central American; Canadian; European, eastern; European, western; South American (263)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Pesticides, herbicides; Watershed, forest, range; Structural Deterioration by insects

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(30,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,5

<648>
Singer, Howard J., 1940, PhD, 1970, 201-547-3204
Assistant Biology Professor; Jersey City State College; 2039 Kennedy Boulevard; Jersey City, NJ 07305, US

PRINCIPAL FIELD: Microbial physiology and biochemistry, I hope to apply this to water pollution

COMPETENCE: Animal Ecology(3); Bacteriology(1); Biochemistry(2); Environmental Pollution(2); Genetics(3); Microbiology(2); Physiology(3); Population Biology(3); Virology(3)

EXPERIENCE (AS CONSULTANT): County or city government

RESEARCH ACTIVITY ONE: Studies on the autolytic enzymes of *S. Aureus*

INTEREST IN WORKING WITH: Manufacturing; Utility; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2310)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4,M); Northeast(4,M); Middle Atlantic(3)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<649>
Singh, Rabindar Nath, 1931, PhD, 1965, Soil Science, 304-293-6256
Division of Plant Science; West Virginia University; College of Agriculture; Morgantown, WV 26506, US

PRINCIPAL FIELD: Soil Fertility, Soil Chemistry and Clay Mineralogy

COMPETENCE: Agronomy(1); Agricultural Science(2); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; Mining; The Nat'l Academy of Sciences

EXPERIENCE (AS CONSULTANT): Agriculture; Mining; County or city government; State government; The Nat'l Academy of Sciences; United Nations; DSDA; AEC; EPA; REW

RESEARCH ACTIVITY ONE: Mine spoil potentials for water quality and soil erosion

RESEARCH ACTIVITY TWO: Mineral nutrition and animal health

INTEREST IN WORKING WITH: Private Sector; Mining; County or city government; State government; The Nat'l Academy of Sciences; International Organizations; United Nations; U.S. Federal Government; DSDA; REW; EPA; NSF (3864)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Highways; Soil erosion; Tailings, spoils disposal; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): South Central(3); Northeast(6,M); Southeast(5); Asia(2)

AVAILABILITY (DAYS PER MONTH): A,1; S,4

<650>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<650>

Sipple, William S., 1939, MRP, 1971, Regional Planning, 301-267-5877
Maryland Dept. Natural Resources; Water Resources Administration; Taxes State Office Building; Annapolis, MD, US

PRINCIPAL FIELD: Wetland Ecology Especially in Reference to Plant Taxonomy and Plant Ecology

COMPETENCE: Plant Ecology(1); Taxonomy(1); Wetland Ecology(1)

EXPERIENCE (AS EMPLOYEE): State government; USDA

RESEARCH ACTIVITY ONE: Past and present flora and vegetation Hackensack Meadows

RESEARCH ACTIVITY TWO: Vegetation of Rouston New Town Site, Texas

RESEARCH ACTIVITY THREE: Wetland plant distribution in Tidewater, Md

INTEREST IN WORKING WITH: Construction; County or city government; Local or regional planning group; State government; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; United Nations; CC; COE; EPA; USDI; NSP; OST; Central American; Canadian; South American (1280)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Dredging, filling; Levees/dikes; Coastal protection/jetties; Canals/Channels; Shoreline protection; Fish & Wildlife conservation; Marinas

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(3,M); Southeast(1)

AVAILABILITY (DAYS PER MONTH): A,?, S,?

<651>

Sissenwine, Michael P., 1947, BS, 1969, Math, 401-792-6293
Graduate School of Oceanography; University of Rhode Island; Kingston, RI 02881, US

PRINCIPAL FIELD: Population Dynamics Including Statistical Analysis of Data and Systems Modeling

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): USDI

RESEARCH ACTIVITY ONE: Method for explaining variation in a flounder fishery

RESEARCH ACTIVITY TWO: Rhode Island floating trap fishery

RESEARCH ACTIVITY THREE: Temperature effects on yields of lobsters

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3357)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development(Gen1); Dredging, filling

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M); Middle Atlantic(M); Canada, eastern(M)

AVAILABILITY (DAYS PER MONTH): A,2; S,5

<652>

Sjolseth, Danny E., 1944, MS, 1969, Water Pollut., 919-618-3141
Weyerhaeuser Company; P.O. Box 1391; New Bern, NC 28560, US

PRINCIPAL FIELD: Environmental pollution as it relates to air water and land quality

COMPETENCE: Anatomy(2); Animal Ecology(2); Aquatic Ecology(1); Biostatistics(3); Fishery Biology(1); Environmental Pollution(1); Limnology(1); Marine Biology(1); Oceanography(2); Physiology(2); Population Biology(2); Water Resources Management(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing

EXPERIENCE (AS CONSULTANT): Agriculture; Construction; Manufacturing; Mining; Transportation; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; USDA; aEC; COE; EPA; USDI; Canadian

RESEARCH ACTIVITY ONE: Biological impact of pesticides

RESEARCH ACTIVITY TWO: Puget sound water quality effects

RESEARCH ACTIVITY THREE: Bellingham Bay water quality

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1850)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Forestry; Pesticides, herbicides; Tailings, spoils disposal; Water Resource Development (Gen1); Channelization; Dredging, filling; Beach nourishment; Reservoirs/Dams; Levees/dikes; Coastal protection/jetties; Canals/Channels; Watershed, forest, range; Reservoir releases; Hydroelectric power; Navigation; Flood control; Irrigation; Water supply; Water quality control; Shoreline protection; Fish & Wildlife conservation; Pulp Mill siting

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(4,M); Middle Atlantic(3)

AVAILABILITY (DAYS PER MONTH): A,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<653>
 Skoog, Ronald O., 1927, PhD, 1968, Ecology,
 202-343-5687
 US-BSPW-Office of Endangered Species; Matomic
 Bldg. 1717 R Street NW; Washington, DC
 20240, US
 Resource Development (GENL), Channelization;
 Dredging, filling; Reservoirs/Dams;
 Canals/Channels; Reservoir releases; Flood
 control; Irrigation; Water supply; Water
 quality control; Fish & Wildlife conservation

PRINCIPAL FIELD: Vertebrate ecology
 GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(4,M); Middle Atlantic(0.5)

COMPETENCE: Respondent lists 16 or more
 scientific fields
 AVAILABILITY (DAYS PER MONTH): A,4; S,5

EXPERIENCE (AS EMPLOYEE): State government; Civic
 action group; Conservation group;
 Professional society; The Nat'l Academy of
 Sciences INRC; IUCN; USDA; USDI; African
 <655>
 Slotnick, Burton M., 1935, PhD, 1963, psychology,
 301-948-1308
 Brain, Evol. and Behavior Lab.; National
 Institute of Mental Health; Bethesda, MD
 20014, US

EXPERIENCE (AS CONSULTANT): State government;
 Civic action group; Conservation group;
 Professional society; The Nat'l Academy of
 Sciences; IDCN; USDA; USDI; African
 COMPETENCE: Anatomy; Animal Behavior;
 Reproductive Biology

RESEARCH ACTIVITY ONE: Ecology of caribou
 RESEARCH ACTIVITY TWO: Population ecology of the
 zebra in East Africa
 RESEARCH ACTIVITY ONE: Neurology of olfaction

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (12)
 INTEREST IN WORKING WITH: D.S. Federal Government
 (1915)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
 conversion/production; Forestry; Parks,
 recreational facilities; Pesticides,
 herbicides; Tailings, spoils disposal;
 Channelization; Reservoirs/Dams; Watershed,
 forest, range; Hydroelectric power; Flood
 control; Water supply; Fish & Wildlife
 conservation
 IMPACT ASSESSMENT EXPERIENCE: Odorants

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(10,M); North Central(15); Middle
 Atlantic(2); Hawaii(1); Alaska(15,M);
 Africa(3,M); South Pacific(1)
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12);
 Europe, eastern(1)

<656>
 Smith, Ben W., 1913, PhD, 1939, Genetics,
 919-755-2287
 Department of Genetics; North Carolina State
 University; Raleigh, NC 27607, US
 AVAILABILITY (DAYS PER MONTH): A,2-3; S,2-3

PRINCIPAL FIELD: Variation, cytogenetics,
 genetics, and evolution of natural or
 experimental plant populations
 <654>
 Slocomb, John P., 1947, BS, 1969, Zoology-552-6780
 Biology Dept.; Virginia Polytechnic
 Institute; Center for Environmental studies;
 Blacksburg, VA 24060, US
 PRINCIPAL FIELD: Variation, cytogenetics,
 genetics, and evolution of natural or
 experimental plant populations

COMPETENCE: Agronomy(3); Genetics(1);
 Horticulture(3); Cytology, plant
 chromosomes(1); Plant Ecology(3);
 Reproductive Biology, plant(2); Systematics(2)

EXPERIENCE (AS EMPLOYEE): State government
 EXPERIENCE (AS CONSULTANT): Civic action group;
 Conservation group

RESEARCH ACTIVITY ONE: Evolution of sex
 determining mechanisms
 RESEARCH ACTIVITY TWO: Peanut seed irradiation
 experiment
 RESEARCH ACTIVITY THREE: Reproductive morphology
 and efficiency of peanut

INTEREST IN WORKING WITH: Agriculture; County or
 city government; Local or regional planning
 group; State government; Conservation or
 Scientific Group; USDA; AEC; CC; COE; EPA;
 USDI; NSF; OST; AID; Asian; African;
 Canadian; European, eastern; European,
 western; South American; Australasia (3440)

IMPACT ASSESSMENT EXPERIENCE: Airports
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific States;
 Rocky Mountain; North Central(3); Middle
 Atlantic(2); Southeast(34,M); Asia; Canada,
 western(0.5); Europe, western

AVAILABILITY (DAYS PER MONTH): A,3; S,5

PRINCIPAL FIELD: Aquatic microbial ecology
 COMPETENCE: Respondent lists 16 or more
 scientific fields
 EXPERIENCE (AS CONSULTANT): Utility; County or
 city government; State government; COE
 RESEARCH ACTIVITY ONE: Ecosystematic study of
 Cedar Bog, Ohio
 RESEARCH ACTIVITY TWO: Environmental analysis of
 a water plan
 RESEARCH ACTIVITY THREE: Environmental analysis
 of three proposed reservoirs, West Virginia
 INTEREST IN WORKING WITH: Private Sector; Local
 Government; Professional society; The
 Institute of Ecology(TIE); The Nat'l Academy
 of Sciences INRC; United Nations; Vista; U.S.
 Federal Government; Other Governments; Peace
 Corps (345)
 IMPACT ASSESSMENT EXPERIENCE: Highways; Soil
 erosion; Tailings, spoils disposal; Water

<657>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<657>

Smith, Bruce B., 1941, PhD, 1971, Botany,
717-843-8891
Biology; York College; Country Club Rd.;
York, PA 17405, US

PRINCIPAL FIELD: Plant morphology systematics

COMPETENCE: Anatomy(2); Bacteriology(2);
Biostatistics(3); Genetics(2);
Horticulture(3); Embryology of angiosperms(1);
Microbiology(2); Plant Ecology(2);
Physiology(2); Population Biology(2);
Reproductive Biology(1); Systematics;
Taxonomy(3); Water Resources Management(2)

RESEARCH ACTIVITY ONE: Embryological study of
population of southeast CornusRESEARCH ACTIVITY TWO: Quality and Quantity study
with statistic analysis of Cornus

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3427)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
Northeast(1); Southeast(6,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,all

<658>

Smith, Clarence L., 1927, PhD, 1959, Ichthyology,
212-873-1300
Department of Ichthyology; American Museum of
Natural History; Central Park West at 79th;
New York, NY 10024, US

PRINCIPAL FIELD: Ecology and evolution of fishes

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Fishery Biology(2); Population
Biology(2); Systematics(1); Taxonomy(1)

RESEARCH ACTIVITY ONE: Survey of bahamian fish
communitiesRESEARCH ACTIVITY TWO: Fish sexuality and
phylogenyRESEARCH ACTIVITY THREE: Space sharing in fish
communities

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1026)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(8);
South Central(2); Northeast(12); Hawaii(1);
Bahamas(2)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<659>

Smith, David M., 1921, PhD, 1950, Forest Ecology,
203-436-8642
Silviculture; Yale Sch. Forestry &
Environmental Studies; 205 Prospect St.; New
Haven, CT 06511, US

COMPETENCE: Forestry(1); Meteorology(2); Plant
Ecology(2)

EXPERIENCE (AS EMPLOYEE): State government; USDA

EXPERIENCE (AS CONSULTANT): Agriculture; Local or
regional planning group; State government;
USDARESEARCH ACTIVITY ONE: National Timber Production
- Increase and Impact

INTEREST IN WORKING WITH: Agriculture; Local or
regional planning group; State government;
Professional society; The Institute of
Ecology(TIP); U.S. Federal Government; USDA;
Canadian (271)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Pesticides, herbicidesGEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Northeast(28); Africa(1); Europe,
western(1)

<660>

Smith, Dwight G., 1943, PhD, Zoology, 203-397-2101
Biology Department; Southern Connecticut
State College; 501 Crescent Street; New
Haven, CT, US

PRINCIPAL FIELD: Population dynamics, habitat
selection and partitioning of raptorsCOMPETENCE: Respondent lists 16 or more
scientific fieldsRESEARCH ACTIVITY ONE: Population ecology of barn
owlsRESEARCH ACTIVITY TWO: Analysis of a lake carp
populationRESEARCH ACTIVITY THREE: Breeding ecology of
Raptor populations in Utah

INTEREST IN WORKING WITH: Construction; Mining;
Local or regional planning group;
Conservation or Scientific Group; USDA; AEC;
COE; DOD; EPA; REW; NSP; European, western
(521)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Tailings, spoils disposal;
Watershed, forest, range; Fish & Wildlife
conservationGEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(4,M); Southwest(4,M); Northeast(3,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<661>
Smith, Kenneth L., Jr., 1943, PhD, 1971, Ecology, 617-548-1400
Biology; Woods Hole Oceanographic Institution; Water Street; Woods Hole, MA 02543, US

PRINCIPAL FIELD: Energetics of marine communities and populations

COMPETENCE: Animal Ecology(1); Aquatic Ecology(1); Environmental Pollution(2); Marine Biology(1); Oceanography(2); Physiology(2); Systematics(3); Systems Analysis(3)

RESEARCH ACTIVITY ONE: Sewage sludge effects on New York Bight Benthos

RESEARCH ACTIVITY TWO: Deep-sea benthic community respiration

RESEARCH ACTIVITY THREE: Energetics of pelagic sargassum community

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1B28)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (Genl); Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (2,M); Middle Atlantic (2); Southeast (3,M)

AVAILABILITY (DAYS PER MONTH): A,2

<662>
Smith, Robert L., 1925, PhD, 1956, Wildlife Biol., 304-293-4797
Division of Forestry; West Virginia University; Morgantown, WV 26506

PRINCIPAL FIELD: Ecology of disturbed lands; forest and wildlife ecology

COMPETENCE: Animal Behavior(3); Animal Ecology(1); Aquatic Ecology(3); Fishery Biology(3); Forestry(3); Environmental Pollution(3); Marine Biology(3); Ornithology(1); Plant Ecology(1); Population Biology(2); Soil Science(3); Systems Analysis(3); Wildlife Management(1)

EXPERIENCE (AS CONSULTANT): CC

RESEARCH ACTIVITY ONE: Population studies forest small mammals

RESEARCH ACTIVITY TWO: Impact of man on Appalachian ecosystem

INTEREST IN WORKING WITH: Agriculture; Mining; Conservation group; The Institute of Ecology(TIE); The Nat'l Academy of Sciences(INRC); IUCN; COE; EPA; NSF; Other Governments (3824)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy conversion/production; Forestry; Tailings, spoils disposal; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(21,M); Northeast(4)

AVAILABILITY (DAYS PER MONTH): A,4; S,0

<663>
Smith, Stephen B., 1945, MS, 1971, Fisheries Bio., 315-858-1527
Department of Nat. Resources; Cornell University; Rd 3 Eastlake Road; Richfield Springs, NY 13439, US

PRINCIPAL FIELD: Research of zooplankton and benthos populations Fishery Research (Genl)

COMPETENCE: Aquatic Ecology(1); Entomology(3); Fishery Biology(2); Environmental Pollution(3); Limnology(2); Population Biology(3)

EXPERIENCE (AS EMPLOYEE): State government; USDI

RESEARCH ACTIVITY ONE: Graduate research assistant

RESEARCH ACTIVITY TWO: Biological Technician

RESEARCH ACTIVITY THREE: Research Specialist

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (514)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Tailings, spoils disposal; Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4,M); Northeast(.25)

AVAILABILITY (DAYS PER MONTH): A,2-4; S,2-4

<664>
Smith, William H., 1939, PhD, 1965, Plant Pathology, 203-436-3020
School of Forestry & Envir. Study; Yale University; 370 Prospect St.; New Haven, CT 06511, US

PRINCIPAL FIELD: Pathology of woody plants in urban, suburban, and forest ecosystems

COMPETENCE: Forestry(1); Environmental Pollution(1); Pest Control(1); Plant Pathology(1)

EXPERIENCE (AS CONSULTANT): Construction; Civic action group

RESEARCH ACTIVITY ONE: Urban metal pollution of plants

RESEARCH ACTIVITY TWO: Air pollution inhibition of photosynthesis

RESEARCH ACTIVITY THREE: Root exudates and ecology of root pathogens

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (240)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Pesticides, herbicides; Watershed, forest, range; Air pollution

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M); Middle Atlantic(4,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,25

<665>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<665>

Snelling, John C., 1942, MA, 1967, Zoology,
607-274-3240
Dept. of Biology; Ithaca College; 17 Lake Rd;
Dryden, NY 13053, US

INTEREST IN WORKING WITH: Local government;
Conservation or scientific group;
International organizations; U.S. Federal
government; Other governments (1840)

PRINCIPAL FIELD: Vertebrate Ecology Evolutionary
Biology and Behavior

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Parks, recreational facilities; Pesticides,
herbicides; Fish & Wildlife conservation

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Ornithology(1); Pest Control(3);
Physiology(3); Population Biology(3);
Reproductive Biology(3); Wildlife
Management(3)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1,M);
Middle Atlantic(1,M)

AVAILABILITY (DAYS PER MONTH): A,1-5; S,20

RESEARCH ACTIVITY ONE: Artificial incubation of
sparrow hawk eggs

<668>

Snyder, Darrel E., 1947, MS, 1971, Zoology,
215-788-7010
503 Norwood Ave.; Croydon, PA 19020, US

RESEARCH ACTIVITY TWO: Ecology of African Eagles

PRINCIPAL FIELD: The study of freshwater larval
fishes and their identification

RESEARCH ACTIVITY THREE: Comparative feeding
ecology of blackbirds

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(3); Fishery
Biology(2); Limnology(3); Taxonomy(2)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1528)

RESEARCH ACTIVITY ONE: Long term research on
larval fish

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

RESEARCH ACTIVITY TWO: Water Chemistry

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Northeast(4,M); Africa(2,M)

AVAILABILITY (DAYS PER MONTH): A,0; S,15

INTEREST IN WORKING WITH: Local or regional
planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
United Nations; IUCN; COE; EPA; HEW; USDT;
NSF; OST; Canadian (660)

<666>

Snider, Jerry A., 1937, PhD, 1973, Systematics
Department of Botany; Duke University;
Durham, NC 27706, US

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M)

AVAILABILITY (DAYS PER MONTH): A,22; S,22

PRINCIPAL FIELD: Bryology Lichenology Moss
Cytology Sphagnum Taxonomy & Ecology

COMPETENCE: Anatomy(3); Plant Ecology(3);
Systematics(1); Taxonomy(1)

<669>

Snyder, Donald B., 1935, PhD, 1963, Zoology,
814-734-1671
Biology; Edinboro State College; Normal
Street; Edinboro, PA 16412, US

INTEREST IN WORKING WITH: Agriculture;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1219)

PRINCIPAL FIELD: Warm-blooded vertebrate,
population ecology and wildlife management

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Southeast(6)

COMPETENCE: Environmental Pollution(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,30

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; USDI

<667>

Snyder, Benjamin W., 1939, PhD, 1970,
Endocrinology, 617-734-3300 Ext. 2395
Lab. Human Reproduction & Reprod. Biol;
Harvard Medical School; 45 Shattuck St.;
Boston, MA 02115, US

EXPERIENCE (AS CONSULTANT): Conservation group

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
IUCN; U.S. Federal Government (2303)

PRINCIPAL FIELD: Reproductive endocrinology -
special emphasis on ovulation and
steroidogenesis

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Fish & Wildlife conservation

COMPETENCE: Biochemistry(3); Genetics(3);
Physiology(1); Population Biology(3);
Reproductive Biology(1)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(5,M); Northeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

RESEARCH ACTIVITY ONE: Effect of drugs & hormones
on meiosis & ovulation

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<670>

Snyder, Jonas L., 1932, MS, 1963,
Wildlife-264-4544
Regional Planning; Joint Planning Commission;
A-B-E Airport; Lehigh Valley, PA 18103, US

PRINCIPAL FIELD: Land Use and General Water
Resource Planning; Habitat Management for
Gamebirds and Farm Game

COMPETENCE: Forestry (2); Wildlife Management (1)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; County or city government;
Local or regional planning group; State
government; USDA

RESEARCH ACTIVITY ONE: Plainfield Township
Comprehensive Plan

RESEARCH ACTIVITY TWO: Regional Sewer & Water
Plan update

RESEARCH ACTIVITY THREE: Leaser Lake recreational
hunting potential

INTEREST IN WORKING WITH: Agriculture;
Construction; Local Government; Conservation
or Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (1243)

IMPACT ASSESSMENT EXPERIENCE: Highways;
Reservoirs/Dams; Water supply; Water quality
control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); North Central (1,M);
Northeast (15,M); Canada, eastern (2)

AVAILABILITY (DAYS PER MONTH): A,0; S,5

<671>

Songdahl, John H., 1937, PhD, 1970, Zoology,
617-943-1566
Biology Department; Nichols College; Dudley,
MA 01570, US

PRINCIPAL FIELD: Toxins of marine invertebrates
particularly cephalopods and gastropod
molluscs

COMPETENCE: Anatomy (3); Animal Behavior (3);
Animal Ecology (3); Aquatic Ecology (3);
Environmental Pollution (3); Marine
Biology (2); Oceanography (3); Ornithology (3);
Physiology (2)

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Local Government; Conservation
or Scientific Group; Conservation group;
International Organizations; U.S. Federal
Government; Other Governments (3554)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5,M);
Southeast (2,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,20

<672>

Sosnow, Allan D., 1942, MS, 1973, Fishery
Biology, 516-668-5800
Fishery Oceanography; NY Ocean Science
Laboratory; Drawer EE; Montauk, NY 11552, US

PRINCIPAL FIELD: Fish Population Zooplankton
(Ichthyoplankton)

COMPETENCE: Fishery Biology (2); Marine
Biology (2); Culturing of Winter Plounders

EXPERIENCE (AS EMPLOYEE): Agriculture; Utility;
County or city government; Local or regional
planning group; State government;
Conservation group; Asian; European, western

INTEREST IN WORKING WITH: International
Organizations; U.S. Federal Government (3130)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic (1,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<673>

Soukup, Michael A., 1944, MS, 1971, 403-253-5136
Dept. of Zoology; University of
Massachusetts; Amherst, MA 01002, US

COMPETENCE: Animal Behavior (2); Animal
Ecology (2); Aquatic Ecology (1); Environmental
Pollution (2); Limnology (1); Oceanography (2);
Pest Control (3); Population Biology (2); Water
Resources Management (3)

EXPERIENCE (AS EMPLOYEE): State government;
Conservation group

RESEARCH ACTIVITY ONE: Silica cycle - New England
hardwater lake

RESEARCH ACTIVITY TWO: Environmental impact of
Rowlesburg Dam on Cheat River

RESEARCH ACTIVITY THREE: Population study of
freshwater snail VIVIPARUS GEORGIANUS

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; OST; Other Governments (497)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (GENL); Reservoirs/Dams; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5)

AVAILABILITY (DAYS PER MONTH): A,8; S,20

<674>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<674>

Southwick, Edward E., 1943, PhD, 1971,
Zoophysiology, 412-434-6320
Biology Department; Duguesne University;
Bluff; Pittsburgh, PA 15219, US

PRINCIPAL FIELD: Physiological ecology,
energy-balance, environmental physiology,
animal physiology

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Physiology(1)

RESEARCH ACTIVITY ONE: Energy balance of
organisms under natural conditions

RESEARCH ACTIVITY TWO: Thermoregulation in
homeotherms

RESEARCH ACTIVITY THREE: Physiological ecology of
a wild bird

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(602)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M); North Central(3,M); Middle
Atlantic(2); Europe, western(0.5)

AVAILABILITY (DAYS PER MONTH): A,6; A,6

<675>

Spagnoli, John J., 1941, MS, 1968, Marine Botany,
516-751-7900
Environmental Analysis; NYS Dept. of
Environmental Conservation; P.O. Box 25;
Ridge, NY 11961, US

PRINCIPAL FIELD: Plant Ecology of Marine Wetlands

COMPETENCE: Aquatic Ecology(3); Entomology(3);
Environmental Pollution(2); Marine
Biology(1); Ornithology(3); Plant Ecology(2);
Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Construction;
Utility; County or city government

RESEARCH ACTIVITY ONE: Fifty year change in a
selected salt marsh

RESEARCH ACTIVITY TWO: Wetlands study of
Southampton Town New York

RESEARCH ACTIVITY THREE: Effects of tide gates on
cove estuary, CT

INTEREST IN WORKING WITH: Construction;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
International Organizations; U.S. Federal
Government; Other Governments (4081)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Channelization;
Dredging, filling; Beach nourishment; Coastal
protection/jetties; Shoreline protection;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12);
Middle Atlantic(12)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<676>

Sparrow, Arnold H., 1914, PhD, 1941, Genetics,
516-345-3380
Biology Dept.; Brookhaven National
Laboratory; Upton, NY 11973, US

PRINCIPAL FIELD: Various deleterious effects of
ionizing radiation on plants and chemical
mutagens

COMPETENCE: Biophysics(2); Forestry(3);
Environmental Pollution(2); Genetics(1);
Cytology(1); Plant Ecology(3); Taxonomy(2);
Radiation Biology(1)

EXPERIENCE (AS EMPLOYEE): AEC; DOD; HEW

EXPERIENCE (AS CONSULTANT): Professional society;
The Nat'l Academy of Sciences; United
Nations; NATO; IAEA-PAO; USDA; AEC; DOD; AID

RESEARCH ACTIVITY ONE: Effects of ionizing
radiation on plants

RESEARCH ACTIVITY TWO: Radiobiological responses
of orbited tradescantia

RESEARCH ACTIVITY THREE: Environmental mutagen
testing with tradescantia

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation group; Professional
society; The Institute of ecology(IE); The
Nat'l Academy of Sciences; International
Organizations; U.S. Federal Government; Other
Governments (1058)

IMPACT ASSESSMENT EXPERIENCE: Environmental
mutagens

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(30);
Canada, eastern(3); Canada, western(3);
Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,12; S,few

TABLE 1 - RFPSPORDENTS
(ALPHABETICAL LISTING)

<677>
Spaulding, Willard M., Jr., 1931, MS, 1957,
Wildlife Management, 617-223-2963
Dept. Interior; Bureau of Sport Fisheries &
Wildlife; U.S. Post Office & Courthouse;
Boston, MA 02109, US

PRINCIPAL FIELD: Living Resource Management

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government; USDI

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; Mining;
Transportation; County or city government;
Local or regional planning group; State
government; Civic action group; Conservation
group; Professional society; United Nations;
IUCN; US Inter-Agency Task Force; USDA; AEC;
USDC; COE; DOD; EPA; HEW; HUD; USDI; NSF;
OST; AID; DOT

RESEARCH ACTIVITY ONE: Effects of surface mining
on U.S. Fish & Wildlife

RESEARCH ACTIVITY TWO: Acid mine drainage
abatement

RESEARCH ACTIVITY THREE: World heritage trust

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; United Nations;
World Bank; IUCN; US Inter-Agency Task Force;
U.S. Federal Government; USDA; AEC; USDC; CC;
COE; DOD; PEA; HEW; HUD; USDI; NSF; OST; AID;
DOT; Other Governments (1791)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Energy conversion/production;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development (Genl); Channelization;
Dredging, filling; Beach nourishment;
Reservoirs/Dams; Levees/dikes; Coastal
protection/jetties; Canals/Channels;
Watershed, forest, range; Reservoir releases;
Hydroelectric power; Navigation; Flood
control; Irrigation; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(9);
Northeast(3,M); Middle Atlantic(4);
Southeast(3)

AVAILABILITY (DAYS PER MONTH): A,0; S,0

<67B>
Spencer, Larry T., 1941, PhD, 1968, Zoology,
603-536-1550
Natural Science Dept.; Plymouth State
College; Boyd Hall; Plymouth, NH 03264, US

PRINCIPAL FIELD: Ecological energetics of aquatic
invertebrates

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Aquatic Ecology(2); Limnology(2);
Marine Biology(1); Oceanography(3);
Parasitology(3); Paleontology(3); Plant
Ecology(3); Population Biology(2);
Reproductive Biology(3); Systematics(3);

Systems Analysis(3)

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group

INTEREST IN WORKING WITH: Private; Local
Government; Conservation or Scientific Group;
International Organizations; AEC; COE; EPA;
NSF; OST; Canadian; European, western; South
American (1610)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Rocky Mountain(3); Northeast(4)

AVAILABILITY (DAYS PER MONTH): A,4; S,30

<679>
Sperling, Jon A., 1936, PhD, 1972, Botany,
212-445-7500
Biology; Kissena Blvd.; New York, NY 11367,
US

PRINCIPAL FIELD: Algal ecology, diatom and
blue-green algae, ecology and systematics,
pollution monitoring

COMPETENCE: Aquatic Ecology(3); Limnology(2);
Plant Ecology(1); Systematics(1)

INTEREST IN WORKING WITH: Private Sector; Local
Government; International Organizations; U.S.
Federal Government (1596)

AVAILABILITY (DAYS PER MONTH): A,2; S,10

<680>
Spielman, Andrew, 1930, SC, 1956, Medical
Entomology, 617-734-3300
Tropical Public Health; Harvard School of
Public Health; 665 Huntington Ave.; Boston,
MA 02115, US

PRINCIPAL FIELD: Reproduction of Mosquitoes

COMPETENCE: Entomology(1); Genetics(2);
Parasitology(1); Pest Control(1); Population
Biology(2); Reproductive Biology(1); axonomy;
Virology

EXPERIENCE (AS EMPLOYEE): Manufacturing; Defense
Department

RESEARCH ACTIVITY ONE: Reproduction of Mosquitoes

RESEARCH ACTIVITY TWO: Hormonomimetic Insecticides

RESEARCH ACTIVITY THREE: Bionomics of Natural
Culex Pipies Poplations

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2085)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(15); Central America(5); Canada,
eastern(1); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): S,30

<681>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<681>

Spotila, James R., 1944, PhD, 1970, Vertebrate Zoology, 716-862-6409
Dept. of Biology; State University College of New York; 1300 Elmwood Ave.; Buffalo, NY 14222, US

PRINCIPAL FIELD: Physical Ecology Interaction (Energy exchange) Between Organisms and Environment

COMPETENCE: Animal Ecology(1); Aquatic Ecology(3); Biostatistics(2); Fishery Biology(3); Environmental Pollution(3); Physiological Ecology(1); Marine Biology(3); Plant Ecology(3); Physiology(1); Systems Analysis(2); Biophysical Ecology(1)

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (967)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1); South Central(5,M); Northeast(0.5); Southeast

AVAILABILITY (DAYS PER MONTH): A,6; S,6

<682>

Squires, Donald F., 1927, PhD, 1955, Geology, 518-474-5787
NYS Sea Grant Program; State University of New York; 99 Washington Ave.; Albany, NY 12210, US

PRINCIPAL FIELD: Ecology and Systematics of Deep Sea Corals

COMPETENCE: Aquatic Ecology(3); Fishery Biology(3); Environmental Pollution(3); Limnology(3); Marine Biology(2); Oceanography(?); Systematics(2); Taxonomy(2); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): County or city government; Local or regional planning group

EXPERIENCE (AS CONSULTANT): Agriculture; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; The Nat'l Academy of Sciences; IDCN; USDC; CC; REW; USDI; NSF; South American; New Zealand, Australia

RESEARCH ACTIVITY ONE: Program management and development - NYS Sea Grant

INTEREST IN WORKING WITH: Agriculture; Manufacturing; Mining; Transportation; Utility; Local Government; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; U.S. Federal Government (680)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy conversion/production; Highways; Parks, recreational facilities; Pesticides, herbicides; Tailings, spoils disposal; Dredging, filling; Beach nourishment; Coastal protection/tettles

GEOGRAPHIC FAMILIARITY (YEARS): South Central(2); Northeast(10); Middle Atlantic(10); South America(1,M); New Zealand(2,M); Australia(2,M)

AVAILABILITY (DAYS PER MONTH): A,1-2; S,1-2

<683>

St. Amand, Ronald P., 1949, BA, 1971, Biology, 617-756-5121
Department of Chemistry; Worcester State College; 486 Chandler Street; Worcester, MA 01602, US

PRINCIPAL FIELD: A knowledge of animal populations and their relationship to the environment

COMPETENCE: Anatomy(3); Animal Ecology(2); Aquatic Ecology(3); Bacteriology(3); Environmental Pollution(3); Genetics(3); Limnology(3); Microbiology(3); Parasitology(3); Plant Ecology(3); Physiology(3); Population Biology(3); Reproductive Biology(2); Taxonomy(3); Wildlife Management(3)

INTEREST IN WORKING WITH: Agriculture; Construction; Local Government; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; Civic action group; Conservation group; Professional society; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; International Organizations; United Nations; World Bank; IDCN; USDA; COE; HUD; USDI; NSF (3047)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,7; S,15

<684>

Stackhouse, Larry L., 1939, PhD, 1970, Veterinary Pathology, 603-862-2726
Animal Science Department; University of New Hampshire; Durham, NH 03824, US

PRINCIPAL FIELD: Anatomic pathology

COMPETENCE: Anatomy(2); Pathology Veterinary; Microbiology(3); Parasitology(3); Physiology(3); Reproductive Biology(3); Veterinary Science(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing; State government

INTEREST IN WORKING WITH: U.S. Federal Government (613)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1.5); Rocky Mountain(4,M); North Central(5); Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <685>
Stainken, Dennis M., 1946, MS, 1970, Zoology,
212-727-4174
Richmond College, Div. Sci. & Eng.; 130
Stuyvesant Pl.; Staten Island, NY 10310, US
- PRINCIPAL FIELD: Effects of marine pollution
(oil) on molluscs (Pelecypods)
- COMPETENCE: Environmental Pollution(3); Marine
Biology(1); Oceanography(2); Physiology(1)
- INTEREST IN WORKING WITH: Manufacturing; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(917)
- GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5)
- AVAILABILITY (DAYS PER MONTH): ?A,2-3; ?S,5
- <686>
Staley, Thomas E., 1942, PhD, 1970, Microbiology,
301-454-2848
Dept. of Microbiology; University of
Maryland; College Park, MD 20742, US
- PRINCIPAL FIELD: Microbial physiology and ecology
- COMPETENCE: Aquatic Ecology(3); Bacteriology(1);
Biochemistry(3); Limnology(3); Microbiology(1)
- RESEARCH ACTIVITY ONE: DNA sequence relationships
among vibrio species
- INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1170)
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3); Northeast(2); Middle
Atlantic(2,M); Europe, western(1)
- AVAILABILITY (DAYS PER MONTH): A,2; S,1
- <687>
Stalter, Richard, 1942, PhD, 1968, Biology
St. John's University; Jamaica, NY 11432, US
- PRINCIPAL FIELD: Salt Marshes, Sand Dunes,
Southeast Flora, Long Island Flora
- COMPETENCE: Plant Ecology(1); Systematics(2);
Taxonomy(1)
- RESEARCH ACTIVITY ONE: The flora of Long Island
- RESEARCH ACTIVITY TWO: The marshes of the Cooper
River estuary
- RESEARCH ACTIVITY THREE: Environmental impact
studies I-IV, South Carolina
- INTEREST IN WORKING WITH: Agriculture;
Construction; Mining; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; COE; DOD;
EPA; USDI; NSP (1279)
- IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water Resource Development(GenI)
- GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2.5);
Middle Atlantic(1.5); Southeast(4)
- AVAILABILITY (DAYS PER MONTH): A,4; S,30
- <688>
Stanton, Gary C., 1948, 301-490-2711
Grad. Stud. in Agronomy/University of
Maryland; Inst. of Environmental Sciences;
13164 Larchdale Rd.; Apt 4; Laurel, MD
20810, US
- PRINCIPAL FIELD: Envir. pollution; Water
pollution; bact. organic, and sediment
contamination of water
- COMPETENCE: Aquatic Ecology(3); Bacteriology(2);
Environmental Pollution(2); Marine
Biology(3); Microbiology(2); Soil Science(3);
Virology(3)
- RESEARCH ACTIVITY ONE: Sedimentation & hydrology
study of University of MD Sector of Paint Br.
- RESEARCH ACTIVITY TWO: Bact & Chem study of the
rock creek watershed
- INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1644)
- IMPACT ASSESSMENT EXPERIENCE: Agriculture; Parks,
recreational facilities; Pesticides,
herbicides; Soil erosion; Water Resource
Development (GenI); Channelization;
Reservoirs/Dams; Watershed, forest, range;
Reservoir releases; Flood control; Water
quality control
- GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(M)
- AVAILABILITY (DAYS PER MONTH): A,4; S,30
- <689>
Starbuck, George W., 1938, BS, 1962, Zoology,
802-658-1074
Aguatee Inc.; 1025 Airport Dr.; So.
Hurlington, VT 05401, US
- PRINCIPAL FIELD: The use of dye diffusion survey
in thermal predictive studies
- COMPETENCE: Aquatic Ecology(2); Limnology(2);
Hydrographic studies(1); Oceanography(3)
- EXPERIENCE (AS CONSULTANT): Manufacturing;
Utility; County or city government; State
government; HEW
- RESEARCH ACTIVITY ONE: Ecological studies
Connecticut River
- RESEARCH ACTIVITY TWO: Hydrographic study Maine
Yankee
- RESEARCH ACTIVITY THREE: Hampton hydrographic
study
- INTEREST IN WORKING WITH: Private Sector;
International Organizations; U.S. Federal
Government (1999)
- IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENI); Hydroelectric power; Water
supply; Water quality control
- GEOGRAPHIC FAMILIARITY (YEARS): Northeast(10)

<690>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<690>

Starn, Robert H., 1940, PhD, 1969, Ecology,
919-379-5387
Dept. of Biology; University of North
Carolina; 1000 Spring Garden; Greensboro, NC
27412, US

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Biostatistics(2); Limnology(1);
Marine Biology(2); Oceanography(3);
Physiology(3); Population Biology(1); Systems
Analysis(3)

RESEARCH ACTIVITY ONE: Orientation and
distribution patterns of Daphnia

RESEARCH ACTIVITY TWO: The role of the eye in
Daphnia orientations

INTEREST IN WORKING WITH: The Institute of
Ecology; The Nat'l Academy of Sciences;
United Nations; CC; COE; EPA; REW; NSP; OST;
AID; Asian; Central American; European,
eastern; European, western; South American
(990)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (2,M);
Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<691>

Stedham, Michael A., 1935, DVM, 1959, Veterinary
Medicine, 202-576-2454
Veterinary Pathology Division; Armed Forces
Institute of Pathology; Washington, DC
20305, US

PRINCIPAL FIELD: Veterinary Pathology

COMPETENCE: Microbiology; Nutrition; Veterinary
Science(1)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): AID

RESEARCH ACTIVITY ONE: Meliodosis in Dogs in
Vietnam

RESEARCH ACTIVITY TWO: Glossitis in Dogs

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2062)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Rocky Mountain(4.5,M); North
Central(1.5); South Central(1); Middle
Atlantic(2); Asia(1,M); Europe, western(3)

<692>

Steinmetz, Charles Jr., 1931, PhD, 1961,
Fisheries-397-2101
Dept. of Biology; Southern Connecticut State
College; 501 Crescent St.; New Haven, CT
06515, US

PRINCIPAL FIELD: Physiology and behavior of fishes

COMPETENCE: Animal Behavior; Animal Ecology;
Aquatic Ecology; Fishery Biology; Limnology;
Marine Biology; Oceanography; Physiology;
Water Resources Management

EXPERIENCE (AS EMPLOYEE): USDC; NSP

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Effects of temperature on
laboratory reared marine fish larvae

INTEREST IN WORKING WITH: Manufacturing; Utility;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences
INRC; USDA; AEC; USDC; CC; COE; DOD; EPA;
REW; FOD; USDI; NSP; OST; AID; DOT (305)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENL); Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(5,M); Northeast(20,M); Middle
Atlantic(2); Southeast(3,M); Canada,
western(5)

AVAILABILITY (DAYS PER MONTH): A,1D; S,30

<693>

Stephenson, Don W., 1944, MS, 1970, Zoology,
919-828-8211
Environmental Tech. Services; Carolina Power
& Light; 442 Fayetteville St.; Raleigh, NC
27602, US

PRINCIPAL FIELD: Siting and operation of nuclear
power plants

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(2); Fishery Biology(2); Environmental
Pollution(1); Limnology(3); Marine
Biology(3); Oceanography(3); Ornithology(1);
Plant Ecology(3); Water Resources
Management(2); Wildlife Management(1)

RESEARCH ACTIVITY ONE: Ecological surveys of
power plant sites

RESEARCH ACTIVITY TWO: Environmental engineering

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; AEC; USDC; COE;
EPA; USDI; NSP (719)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Forestry; Parks,
recreational facilities; Pesticides,
herbicides; Soil erosion; Tailings, spoils
disposal; Water Resource Development (Genl);
Channelization; Dredging, filling;
Reservoirs/Dams; Levees/dikes;
Canals/Channels; Watershed, forest, range;
Reservoir releases; Hydroelectric power; Fish
& Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1);
Middle Atlantic(3); Alaska(1)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <694>
Stern, Arthur M., 1924, PhD, 1951, Microbiology,
215-355-3300
Environmental Research; Betz Laboratories,
Inc.; Somerton Road; Trevese, PA 19047, US
- PRINCIPAL FIELD: Microbial biochemistry and its
relevance to pollution control
- COMPETENCE: Aquatic Ecology(3); Bacteriology(1);
Biochemistry(3); Environmental Pollution(1);
Genetics(3); Immunology(3); Microbiology(1);
Nutrition(2); Physiology(2); Soil Science(2)
- EXPERIENCE (AS EMPLOYEE): Manufacturing
- EXPERIENCE (AS CONSULTANT): Manufacturing; County
or City government; State government;
Professional society
- RESEARCH ACTIVITY ONE: Biochemical degradation of
lignin
- RESEARCH ACTIVITY TWO: Development of novel waste
treatment aerator
- RESEARCH ACTIVITY THREE: Decolorization of dye
plant effluents
- INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Local Government; Conservation
group; Professional society; TIE; The Natl
Academy of Sciences INRC; International
Organizations; AEC; USDC; CC; COE; DOD; EPA;
HEW; OSDI; RSP; OST; AID; Other Governments
(244B)
- IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Pesticides, herbicides; Water
Resource Development (Genl); Water supply;
Water quality control
- GEOGRAPHIC FAMILIARITY (YEARS): South
Central(2,M); Middle Atlantic(19,M)
- AVAILABILITY (DAYS PER MONTH): A,2-3; S,2-3
- <695>
Stern, William L., 1926, PhD, 1954, Botany,
301-454-3821
Botany; University of Maryland; College Park,
Maryland 20742; College Park, MD 20742, US
- PRINCIPAL FIELD: Anatomy of plants as related to
phylogeny and systematics
- COMPETENCE: Anatomy(1); Forestry(2); General
Botany; Tropical Botany; Paleontology(2);
Systematics(1); Taxonomy(1); Microscopic
structure of wood(1); Plant Morphology(2);
Plant phylogeny(2)
- EXPERIENCE (AS EMPLOYEE): United Nations
- EXPERIENCE (AS CONSULTANT): DOD; NSF; Asian
- INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organization; U.S. Federal
Government; Other Governments (2058)
- GEOGRAPHIC FAMILIARITY (YEARS): Northeast(20,M);
Hawaii(0.5); Asia(1); Central America(0.5);
West Indies
- AVAILABILITY (DAYS PER MONTH): A,open; S,open
- <696>
Stettenheim, Peter R., 1928, PhD, 1959, Zoology,
603-675-5915
Box 79; Plainfield, NR 03781, US
- PRINCIPAL FIELD: Descriptive and functional avian
anatomy, particularly feather structure
- COMPETENCE: Anatomy(2); Animal Behavior(3);
Ornithology(1); Paleontology(3)
- EXPERIENCE (AS EMPLOYEE): USDA
- RESEARCH ACTIVITY ONE: Bristles of birds
- RESEARCH ACTIVITY TWO: Integument of birds
- RESEARCH ACTIVITY THREE: Avian anatomy/integument
- INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
Conservation group; Professional society; The
Institute of Ecology(TIE); IUCN; U.S. Federal
Government; USDA; Other Governments (3452)
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.5,M); North Central(19);
Northeast(5); Alaska(0.33,M); Europe,
western(0.33)
- AVAILABILITY (DAYS PER MONTH): A,4; S,4
- <697>
Steyskal, George C., 1909, 202-447-5341
Systematic Entomology Laboratory, RAS; U.S.
Department of Agriculture; c/o U.S. National
Museum NRE W-617; Washington, DC 20560, US
- PRINCIPAL FIELD: Taxonomy of two-winged flies
(Diptera) and morphology of same
- COMPETENCE: Entomology(1); Taxonomy(1)
- EXPERIENCE (AS EMPLOYEE): USDA
- EXPERIENCE (AS CONSULTANT): African
- RESEARCH ACTIVITY ONE: Diptera of Egypt
- INTEREST IN WORKING WITH: Conservation group;
Professional society; The National Academy of
Sciences; U.S. Federal Government (426)
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Middle Atlantic(10); Africa(.5)
- AVAILABILITY (DAYS PER MONTH): A,?; S,7

RESPONDENTS
(ALPHABETICAL LISTING)

<698>
 Africa, Robert J., 1949, BS, 1971, Fishery Science, 215-323-9304
 Schuylkill River Study; Ichthyological Associates; RD #1, Fricks Lock Road; Pottstown, PA 19464, US
 ACADEMY OF SCIENCES; UNITED NATIONS; WORLD BANK; IUCN; U.S. FEDERAL GOVERNMENT; OTHER GOVERNMENTS (2312)
 IMPACT ASSESSMENT EXPERIENCE: Forestry; Soil erosion; Tailings, spoils disposal
 GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); Southeast(2); Europe, western(14); S.P. Asia(Philippines, New Zealand)(5.5)
 AVAILABILITY (DAYS PER MONTH): A,2-5; S,2
 COMPETENCE: Agronomy(3); Anatomy(3); Animal Behavior(3); Animal Ecology(3); Anthropology(3); Aquatic Ecology(2); Entomology(3); Fishery Biology(2); Environmental Pollution(3); Limnology(3); Physiology(3); Systematics(3); Taxonomy(3); Water Resources Management(3)
 EXPERIENCE (AS CONSULTANT): Utility
 RESEARCH ACTIVITY ONE: Food habits of fishes of Schuylkill River
 RESEARCH ACTIVITY TWO: Schuylkill River ecological study
 INTEREST IN WORKING WITH: Private Sector; County or city government; Local or regional planning group; Conservation or Scientific Group; International Organizations; AEC; USDC; CC; COP; EPA; REW; HUD; USDI; NSF; OST; AID; DOT; Other Governments (3475)
 IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2,M)
 AVAILABILITY (DAYS PER MONTH): A,2; S,2
 <699>
 Stone Jr., Earl L., 1915, PhD, 1948, Soil Science, 607-256-2287
 Agronomy; Cornell University; Ithaca, NY 14850, US
 PRINCIPAL FIELD: Soil-forest relationships, especially nutrition, ecology, and soil change
 COMPETENCE: Agronomy(3); Agricultural Science(3); Forestry(1); Plant Ecology(2); Soil Science(1); Water Resources Management(3); Wildlife Management(2)
 EXPERIENCE (AS EMPLOYER): USDA
 EXPERIENCE (AS CONSULTANT): Professional society; USDA; NSF
 RESEARCH ACTIVITY ONE: Forest fertilization research - NE Hardwoods
 RESEARCH ACTIVITY TWO: Planning forest ecology research - Indonesia
 RESEARCH ACTIVITY THREE: Planning forest soils research
 INTEREST IN WORKING WITH: Professional society; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; United Nations; World Bank; IUCN; U.S. Federal Government; Other Governments (1966)
 IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Fish & Wildlife conservation
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2,M)
 AVAILABILITY (DAYS PER MONTH): A,2; S,2
 <700>
 Stoneburner, Daniel L., 1945, PhD, 1970, Plant Ecology, 301-671-3919
 Water Quality Engineering Division; U.S. Army Environmental Hygiene Agency; Edgewood Arsenal; Edgewood, MD 21010, US
 PRINCIPAL FIELD: Ecological energetics and systems analysis
 COMPETENCE: Respondent lists 15 or more scientific fields
 EXPERIENCE (AS EMPLOYEE): Agriculture; State government
 EXPERIENCE (AS CONSULTANT): State government; Civic action group; Conservation group
 INTEREST IN WORKING WITH: Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1966)
 IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry
 GEOGRAPHIC FAMILIARITY (YEARS): Southwest(0.5); North Central(3); Middle Atlantic(2.5)
 <701>
 Storms, Stephen E., 1947, MS, 1972, Oceanography, 301-243-7457
 Earth and Planetary Science; Chesapeake Bay Institute; 34th and Charles; Baltimore, MD 21218, US
 PRINCIPAL FIELD: Secondary productivity especially crustacean feeding
 COMPETENCE: Animal Ecology(3); Aquatic Ecology(2); Bacteriology(3); Biochemistry(3); Environmental Pollution(3); Limnology(2); Marine Biology(2); Oceanography(1); Paleontology(3); Population Biology(3)
 RESEARCH ACTIVITY ONE: Feeding of copepods in Chesapeake Bay
 INTEREST IN WORKING WITH: Private Sector; Local Government; Civic action group; Conservation group; Professional society; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; International Organization; AEC; USDC; COP; EPA; REW; USDI; NSF; OST; Central American; Canadian; South American (1064)
 IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Water Resource Development (Genl); Water quality control
 GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(4,M)
 AVAILABILITY (DAYS PER MONTH): A,10; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<702>
Stout, Benjamin B., 1924, PhD, 1967, Ecology,
201-247-1766
Forestry Dept.; Rutgers University;
Cook College; New Brunswick, NJ 08903, US

PRINCIPAL FIELD: Analysis of forest ecosystems

COMPETENCE: Biostatistics(2); Forestry(1); Plant Ecology(1)

EXPERIENCE (AS CONSULTANT): Manufacturing

RESEARCH ACTIVITY ONE: System analysis deciduous forest ecosystem

RESEARCH ACTIVITY TWO: Forest tree root systems

RESEARCH ACTIVITY THREE: Crown stem relationships in forest trees

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation group; Professional society; The Institute of Ecology(TIE); The National Academy of Sciences; World Bank; IUCN; U.S. Federal Government; African; Canadian (423)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12); Middle Atlantic(13,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,10

<703>
Strain, Royd R., 1935, PhD, 1964, Plant Ecology,
919-684-2677
Dept. of Botany; Duke University; Durham, NC 27706, US

PRINCIPAL FIELD: Effect of environmental stresses on plant growth and ecosystem behavior

COMPETENCE: Forestry(3); Environmental Pollution(3); Plant Ecology(1); Physiology(3)

RESEARCH ACTIVITY ONE: Forest production

RESEARCH ACTIVITY TWO: Growth of desert shrubs

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (405)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(8,M); Rocky Mountain(1,M); Southeast(3,M)

<704>
Street, Michael W., 1943, MS, 1970, Fisheries,
919-338-8351
N.C. Div. Com. & Spts. Fish; N.C. Dept. of Natural & Econ. Res.; 1510 North Road Street; Elizabeth City, NC 27909, US

PRINCIPAL FIELD: Life histories of and fisheries for anadromous fishes (not salmonids)

COMPETENCE: Fishery Biology(1); Limnology(3); Marine Biology(2); Oceanography(3)

RESEARCH ACTIVITY ONE: Anadromous fishes of Albemarle Sound N.C. Area

RESEARCH ACTIVITY TWO: Long range research needs for R.C. Fisheries

RESEARCH ACTIVITY THREE: Estuarine inventory

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; USDR; USDC; COE; EPA; USDI (1576)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(7.5,M)

AVAILABILITY (DAYS PER MONTH): unknown

<705>
Stuart, Alastair M., 1931, PhD, 1961, Biology,
413-545-0975
Dept. of Zoology; University of Massachusetts; Morrill Science Centre; Amherst, MA 01002, US

PRINCIPAL FIELD: Termite biology and behavior (pheromones) biological control

COMPETENCE: Animal Behavior(1); Animal Ecology(1); Aquatic Ecology(1); Entomology(1); Fishery Biology(3); Forestry(2); Limnology(1); Biological Pest Control(1); Physiology(1)

EXPERIENCE (AS EMPLOYEE): Utility; New Zealand; Australia

RESEARCH ACTIVITY ONE: Exp. studies on communication in termites

RESEARCH ACTIVITY TWO: Termites - Australia

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; USDA; DOD; HEW; NSF; Other Governments; Central American; New Zealand; Australia; S. Africa (1490)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Reservoirs/Dams; Watershed, forest, range; Hydroelectric power

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4); Northeast(5); Southeast(4); Central America(1); New Zealand(6); Australia(6)

AVAILABILITY (DAYS PER MONTH): A,2 depends; S,20 negotiable

<706>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<706>

Sturges, Franklin W., 1930, PhD, 1957, Ecology,
304-876-2511
Division of Science; Shepherd College;
Shepherdstown, WV 25443, DS

PRINCIPAL FIELD: Community ecology of terrestrial
vertebrates in temperate forests

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Forestry(3); Environmental
Pollution(3); Limnology(3); Ornithology(1);
Plant Ecology(3); Physiology(3); Population
Biology(2); Systematics(3); Taxonomy(3);
Wildlife Management(3)

RESEARCH ACTIVITY ONE: Birds and catapillars in
northern hardwoods forest

RESEARCH ACTIVITY TWO: Radiation sensitivity of
birds

INTEREST IN WORKING WITH: Agriculture; Utility;
Local Government; Conservation or Scientific
Group; U.S. Federal Government; AEC; USDC
(2896)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(14,M); Northeast(1,M); Middle
Atlantic(5)

AVAILABILITY (DAYS PER MONTH): A,5; S,5-20(vary)

<707>

Stutz, Sherwood S., 1921, MS, 1966, Zoology,
814-371-2800
Wildlife Technology; Pennsylvania State
University; DuBois Campus; DuBois, PA 15801,
US

COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Aquatic Ecology(3); Fishery
Biology(3); Marine Biology(3);
Ornithology(3); Physiology(3); Population
Biology(2); Range Science(2); Soil
Science(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): DSDA

EXPERIENCE (AS CONSULTANT): Canadian

RESEARCH ACTIVITY ONE: Moults and pelage patterns
in phoca vitulina

INTEREST IN WORKING WITH: Agriculture; Mining;
Utility; Local Government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (1519)

IMPACT ASSESSMENT EXPERIENCE: Watershed, forest,
range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4); Northeast(2,S); Canada,
western(3,M)

AVAILABILITY (DAYS PER MONTH): Unknown

<708>

Suzuki, Jon B., 1946, PhD, 1971, Microbiology,
212-870-6000
Pathology Dept.; St. Luke's Hospital Center;
Arsterdam at 114th St.; New York, NY 10025,
DS

PRINCIPAL FIELD: Clostridia infections;
Phagocytosis

COMPETENCE: Bacteriology(2); Biochemistry(3);
Microbiology(1)

EXPERIENCE (AS CONSULTANT): Professional society

RESEARCH ACTIVITY ONE: Clostridia infections and
Phagocytosis

RESEARCH ACTIVITY TWO: Steroid Metabolism by
Bacteria

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (62)

IMPACT ASSESSMENT EXPERIENCE: Airports; Highways;
Air Pollution

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(3,M); Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,3; S,4

<709>

Swan, Emery, E., PhD, 1942, Zoology, 603-862-2487
University of New Hampshire; Spaulding Bldg.;
Durham, NH 03824, US

PRINCIPAL FIELD: Environmental effects on growth
and form in marine invertebrates

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Marine Biology(1); Oceanography(3)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1930)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(9,M); Northeast(22,M); Middle
Atlantic(3)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<710>

Swan, Frederick R., Jr., 1937, PhD, 1966, Nat.
Res. Conserv., 304-336-5471
Dept. of Biology; West Liberty State College;
West Liberty, WV 26074, US

PRINCIPAL FIELD: Effects of fire on plant
communities in eastern North America

COMPETENCE: Forestry(2); Environmental
Pollution(3); Plant Ecology(1); Soil
Science(3); Systematics(3); Wildlife
Management(3)

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Natural area survey of
Washington, DC metropolitan region

RESEARCH ACTIVITY TWO: Vegetation management plan
four natural areas

RESEARCH ACTIVITY THREE: Use of chlorophyll
extracts to Meas Solar Rad.

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
International Organizations; United Nations;
World Bank; IUCN; U.S. Federal Government;
USDA; AEC; USDC; CC; COE; DOD; EPA; HEW; HUD;
USDI; NSP; OST; AID; DOT; Other Governments
(592)

IMPACT ASSESSMENT EXPERIENCE: Forestry 7 Plant
Commuu. Management

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(2,M); Northeast(3,M); Middle
Atlantic(6); Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,30

<711>

Szechtman, Raphael J., 1943, MS, 1972, Ocean
Engineering, 203-228-3086
Marine Science Institute; University of
Connecticut; 76 Wellswood Road; Amston, CT
06231, US

PRINCIPAL FIELD: Estuary Pollution

COMPETENCE: Environmental Pollution(2);
Limnology(3); Marine Biology(3);
Oceanography(2)

EXPERIENCE (AS EMPLOYER): State government

EXPERIENCE (AS CONSULTANT): Manufacturing;
Utility; County or city government; Local or
regional planning group; State government;
Civic action group; Conservation group;
Professional society

RESEARCH ACTIVITY ONE: Phosphates in Long Island
sound

RESEARCH ACTIVITY TWO: Metal analysis in Long
Island sound

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (1871)

IMPACT ASSESSMENT EXPERIENCE: Hydroelectric
power; Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M)

AVAILABILITY (DAYS PER MONTH): Variable

<712>

Tamarin, Robert H., 1942, PhD, Biology,
617-353-2432
Biology Dept.; Boston University; 2
Cummington; Boston, MA 02215, US

PRINCIPAL FIELD: Population ecology and genetics
of rodents

COMPETENCE: Animal Ecology(1); Biochemistry(2);
Biostatistics(2); Genetics(1); Population
Biology(1); Reproductive Biology(2);
Systematics(2)

RESEARCH ACTIVITY ONE: Genetics of mouse
population cycles

RESEARCH ACTIVITY TWO: Population cycles in rats

RESEARCH ACTIVITY THREE: Mouse demography on
islands

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1641)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(M);
North Central(5,M); Northeast(3,M);
Hawaii(2,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,6

<713>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<713>

Tarplee, William H., Jr., 1949, BS, 1971,
Wildlife Biology, 919-765-1631
Coop Fishery Unit; North Carolina State
University; P.O. Box 5577; Raleigh, NC
27607, US

PRINCIPAL FIELD: Swamp and Marsh Ecosystems
Greatest Competence in Cypress-Gum Swamp

COMPETENCE: Aquatic Ecology(1); Fishery
Biology(1); Environmental Pollution(3);
Limnology(3); Marine Biology(3);
Ornithology(3); Plant Ecology(3); Water
Resources Management(3)

RESEARCH ACTIVITY ONE: Effects of channelization
on fish populations

RESEARCH ACTIVITY TWO: The relationship of
various cover types to fish population

RESEARCH ACTIVITY THREE: Fish populations in
swamp-stream ecosystems

INTEREST IN WORKING WITH: Agriculture;
Construction; Local Government; Conservation
or Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (3506)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Channelization;
Canals/Channels; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(2,M)

<714>

Tate, James, 1940, PhD, 1968, Zoology,
607-347-4125
Laboratory of Ornithology; Cornell
University; 159 Sapsucker Woods Rd.; Ithaca,
NY 14850, US

PRINCIPAL FIELD: Vertebrate ecology and paleology

COMPETENCE: Anatomy(3); Animal Behavior(2);
Animal Ecology(2); Ornithology(1);
Paleontology(1); Population Biology(2);
Veterinary Science(3); Wildlife Management(1)

EXPERIENCE (AS CONSULTANT): Agriculture; Utility;
Civic action group; Conservation group;
Professional society; The Nat'l Academy of
Sciences

RESEARCH ACTIVITY ONE: Peeder research

RESEARCH ACTIVITY TWO: Bird sound cassettes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (387)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3,M); Southwest(1); North Central(4);
Northeast(4,M)

AVAILABILITY (DAYS PER MONTH): A,20; S,30

<715>

Tavares, James E., 1938, PhD, 1966, Biology,
716-831-420R
Biology Dept.; State University of New York;
Main Street; Buffalo, NY 14214, US

PRINCIPAL FIELD: Physiology of plant growth
regulators - particularly, auxins and
cytokinins

COMPETENCE: Agronomy(3); Anatomy(Plant)(2);
Biochemistry(2); Forestry(3); Genetics(3);
Horticulture(3); Microbiology(3);
Physiology(1)

EXPERIENCE (AS EMPLOYEE): AFC

RESEARCH ACTIVITY ONE: Inhibitors of auxin
transport

INTEREST IN WORKING WITH: Conservation or
Scientific Group; United Nations; U.S.
Federal Government (2426)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
Northeast(8); Europe, Western(0.5)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

<716>

Taylor, C. Richard, 1939, PhD, 1963, Biology,
617-275-1725
Biological Laboratories; Harvard University;
Divinity Ave.; Cambridge, MA 02138, US

PRINCIPAL FIELD: Physiological Ecology

COMPETENCE: Anatomy(3); Physiology(3); Wildlife
Management(2)

EXPERIENCE (AS CONSULTANT): Agriculture; United
Nations; USDA; African

RESEARCH ACTIVITY ONE: Water relations of desert
antelopes

RESEARCH ACTIVITY TWO: Energetics of locomotion

RESEARCH ACTIVITY THREE: Metabolism & temperature
regulation

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1868)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7);
Southeast(2); Africa(4)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<717>

Taylor, Malcolm R., 1942, PhD, 1969, Physiology,
302-645-6676
College of Marine Studies; University of
Delaware; P.O. Drawer 286; Lewes, DE 19958,
US

PRINCIPAL FIELD: Environmental Physiology of
Marine Animals

COMPETENCE: Aquatic Ecology(3); Biochemistry(2);
Fishery Biology(3); Environmental
Pollution(3); Marine Biology(3);
Physiology(1); Reproductive Biology(3)

EXPERIENCE (AS CONSULTANT): COE

RESEARCH ACTIVITY ONE: Impact of tropical storm
Agnes on Delaware estuary

RESEARCH ACTIVITY TWO: Ecological survey of C & D
canal

RESEARCH ACTIVITY THREE: Long-term effects of
corticosteroids administered to newborn rats

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1676)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling; Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(R,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<718>

Taylor, Warren R., 1923, MS, 1957, Wildlife
Management, 703-825-8103
Game Division; Commission of Game and Inland
Fisheries; 142 Elizabeth St.; Culpeper, VA
22701, US

PRINCIPAL FIELD: Wildlife Management with
Emphasis on Small Game Species

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Environmental Pollution(3);
Ornithology(3); Pest Control(2); Plant
Ecology(3); Population Biology(3);
Taxonomy(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government; Local or regional planning
group

RESEARCH ACTIVITY ONE: Evaluation of exotic game
bird program

RESEARCH ACTIVITY TWO: Pheasant live trapping
study

RESEARCH ACTIVITY THREE: Quantico MCB dead deer
survey

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; Other Governments
(1866)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Parks,
recreational facilities; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(20)

<719>

Teal, John H., 1929, PhD, 1955, Biology,
617-548-1400
Biology Department; Woods Hole Oceanographic
Institution; Water Street; Woods Hole, MA
02543, US

PRINCIPAL FIELD: Marsh ecology, marine oil
pollution mid-water to benthic ecology

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Biochemistry(3); Environmental
Pollution(1); Horticulture(3); Limnology(2);
Marine Biology(1); Oceanography(2);
Ornithology(3); Plant Ecology(2);
Physiology(2); Population Biology(2)

EXPERIENCE (AS CONSULTANT): Construction;
Utility; County or city government; State
government; Conservation group; The Institute
of Ecology(TIE); The Nat'l Academy of
Sciences; EPA

RESEARCH ACTIVITY ONE: Experimental salt marsh
study

RESEARCH ACTIVITY TWO: Oil pollution baseline
study

RESEARCH ACTIVITY THREE: Coastal zone workshop

INTEREST IN WORKING WITH: Construction;
Transportation Utility; Local Government;
Conservation or Scientific Group; United
Nations; U.S. Federal Government; African;
Central American; Canadian; European,
eastern; European, western; South American
(3401)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(15,M);
Southeast(4,M); Canada, eastern(2)

AVAILABILITY (DAYS PER MONTH): A,3-5; S,3-5

<720>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<720>

Tenore, Kenneth R., 1943, PhD, 1970, Zoology,
617-548-1400
Biology Department; Woods Hole Oceanographic
Institution; Woods Hole, MA 02540, US

PRINCIPAL FIELD: Benthic ecology-food chain
dynamics

COMPETENCE: Animal Ecology(1) Benthic Ecology(1)
Marine Biology(1) Oceanography(1)

RESEARCH ACTIVITY ONE: Macrobenthos of Cape Fear
River estuary

RESEARCH ACTIVITY TWO: Food chain dynamics
studies - Aquaculture systems

RESEARCH ACTIVITY THREE: Carbon-14

INTEREST IN WORKING WITH: Conservation or
Scientific Group; Professional society; TIE;
United Nations; Intercol; COE; USDI; NSF;
Other Governments (1601)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M);
Southeast(S,M)

<721>

Terry, Orville W., 1914, PhD, 1970, Cell
Physiology, 516-246-7710
Marine Sciences Res. Ctr.; State University
of New York; Stony Brook, NY 11790, US

PRINCIPAL FIELD: Culture of Marine Organisms

COMPETENCE: Agricultural Science(2); Animal
Ecology(3); Aquatic Ecology(3); Fishery
Biology(2); Horticulture(2); Marine
Biology(2); Plant Ecology(3); Plant
Pathology(3); Physiology(3); Biological
Rhythms

EXPERIENCE (AS EMPLOYEE): Agriculture; County or
city government; State government

EXPERIENCE (AS CONSULTANT): Local or regional
planning group

RESEARCH ACTIVITY ONE: Marine Wetlands of Suffolk
and Nassau Counties

RESEARCH ACTIVITY TWO: Aquaculture for Long Island

RESEARCH ACTIVITY THREE: Abnormalities in Bivalve
Shellfish

INTEREST IN WORKING WITH: Agriculture; County or
city government; Local or regional planning
group; State government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (58)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Navigation; Irrigation; Water supply;
Wetlands Manag.

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(3R,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<722>

Thoma, Richard W., 1921, PhD, 1951, Biochemistry,
201-725-7412
Dept. of Biol. Process Development; E. R.
Squibb and Sons, Inc.; Georges Road; New
Brunswick, NJ 08903, US

PRINCIPAL FIELD: Biological process technology

COMPETENCE: Bacteriology(3); Biochemistry(1);
Genetics(3); Microbiology(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1155)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Middle Atlantic(17,M)

<723>

Thomas, David H., 1945, PhD, 1971, Anthropology,
212-873-1300
Anthropology; American Museum of Natural
History; 79 at Central Park West; New York,
NY 10024, US

PRINCIPAL FIELD: Study Prehistoric Human Ecology
of US Deserts

COMPETENCE: Animal Ecology(3); Anthropology(1);
Biostatistics(3); Systematics(3); Archaeology

RESEARCH ACTIVITY ONE: Reese River ecological
project

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government; USDI (3204)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5); Southwest(1)

<724>

Tibbetts, Donald L., 1943, PhD, 1969, Chemistry,
215-884-3500
Chemistry Dept.; Beaver College; Glenside, PA
19038, US

PRINCIPAL FIELD: Chemistry

COMPETENCE: Biochemistry(2)

INTEREST IN WORKING WITH: U.S. Federal Government
(737)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Northeast(1); Middle Atlantic(3)

AVAILABILITY (DAYS PER MONTH): A,0; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<725>
Tibbs, Arthur L., 1940, MS, 1967, Wildlife Management, 814-371-2800 Wildlife Technology Dept.; The Pennsylvania State University; DuBois Campus; DuBois, PA 15801, US
PRINCIPAL FIELD: Land management for upland game water fowl and white-tailed deer
COMPETENCE: Forestry(3); Wildlife Management(1)
EXPERIENCE (AS EMPLOYEE): USDA; USDI
INTEREST IN WORKING WITH: Agriculture; Local Government; Conservation or Scientific Group; Conservation or Scientific Group; International Organizations; USDA; COE; DOD; EPA; USDI; NSF; OST; AID; European, eastern; European, western; Canadian; South American; Australian (547)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(0.5); Rocky Mountain(0.5); Northeast(5,M); Hawaii(2)
AVAILABILITY (DAYS PER MONTR): A,4; S,4

<726>
Tietjen, John H., 1940, PhD, 1966, Oceanography, 212-621-7433 Biology; City College of New York; Convent Ave. at 138 St.; New York, NY 10031, US
PRINCIPAL FIELD: Ecology of marine meiofauna
COMPETENCE: Animal Ecology(1); Aquatic Ecology(1); Marine Biology(1); Oceanography(1); Reproductive Biology(2); Soil Science(2); Systematics(2); Taxonomy(2)
EXPERIENCE (AS CONSULTANT): Utility; USDC; NSF
RESEARCH ACTIVITY ONE: Physiological ecology of marine nematodes
RESEARCH ACTIVITY TWO: Physiological ecology of marine nematodes
RESEARCH ACTIVITY THREE: Ecological consultant on thermal stress
INTEREST IN WORKING WITH: Utility; County or city government; Local or regional planning group; The Institute of Ecology (TIE); United Nations; USDC; COE; PPA (3403)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6,M); Middle Atlantic(M)
AVAILABILITY (DAYS PPR MONTH): A,25; S,20

<727>
Tiffney, J.C., Wesley N., 1960, PhD, 1972, Plant Ecology, 617-784-5035 Biology Department; University of Massachusetts; 100 Arlington St.; Boston, MA 02116, US
PRINCIPAL FIELD: Ecology of harsh environment plants Arctic-Alpine and coastal
COMPETENCE: Animal Ecology(3); Bacteriology(3); Biostatistics(2); Forestry(3); Environmental Pollution(2); Horticulture(3); Arctic Alpine Ecology(1); Marine Biology(1); Plant Ecology(1); Systematics(1); Systems Analysis(3); Taxonomy(2); Salt Marsh Ecology(1)
EXPERIENCE (AS EMPLOYEE): County or city government
RESEARCH ACTIVITY ONE: Taxonomy of tolostoma brumale
RESEARCH ACTIVITY TWO: Snowcover ecology of diapensia, Ables, Picea
RESEARCH ACTIVITY THREE: Systems model of salt marsh
INTEREST IN WORKING WITH: Private Sector; Local Government; Professional society; The Institute of Ecology (TIE); The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Other Governments (859)
GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(M); Northeast(7); Middle Atlantic(M); Iceland(M); Canada, eastern(M)
AVAILABILITY (DAYS PER MONTH): A,5; S,10

<728>
Tiner, Jack D., 1922, PhD, 1952, Zoology, 212-673-3000, Ext. 2917 Department of Pathology and Labs.; Beth Israel Medical Center; 10 W.D. Periman Pl.; New York, NY 10003, US
PRINCIPAL FIELD: Design and operation of dynamic systems for cultivation of parasites and invertebrates
COMPETENCE: Anatomy(2); Animal Ecology(3); Biochemistry(3); Biophysics(3); Bioengineering(1); Parasitology(1); Physiology(3); Taxonomy(2); Veterinary Science(3); Wildlife Management(3); Pathology(2)
EXPERIENCE (AS EMPLOYEE): Manufacturing; State government
EXPERIENCE (AS CONSULTANT): Manufacturing; PCV
RESEARCH ACTIVITY ONE: Cultivation of malaria
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; United Nations; U.S. Federal Government (1979)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(0.25); Rocky Mountain(0.25); North Central(8,M); Northeast(15); Middle Atlantic(5); Alaska(0.25)
AVAILABILITY (DAYS PER MONTH): At present cannot say.

<729>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<729>

Tolderlund, Douglas S., 1939, PhD, 1969,
Geology-Biol., 203-443-8453
Physical & Ocean Science; U.S. Coast Guard
Academy; New London, CT 06320, US

PRINCIPAL FIELD: Evaluating environmental impacts
in estuaries and coastal waters

COMPETENCE: Aquatic Ecology(1); Biostatistics(3);
Fishery Biology(3); Environmental
Pollution(2); Marine Biology(2);
Oceanography(2); Water Resources
Management(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Conservation group; DOT

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Power plant ecology -
Hudson River, New York

RESEARCH ACTIVITY TWO: Power plant ecology - New
Haven Harbor, Conn.

RESEARCH ACTIVITY THREE: Environmental impact
statement - Thames River, Conn.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation group; Professional
society; The Institute of Ecology(TIE); The
Nat'l Academy of Sciences; United Nations;
U.S. Federal Government; Other Governments
(1739)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Northeast(10,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,30

<730>

Tramontano, John P., 1936, PhD, 1971, Zoology,
914-343-1121
Biology; Orange County Community College;
115 South Street; Middletown, NY 10940, US

PRINCIPAL FIELD: Avian ecology and behavior

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Conservation group

EXPERIENCE (AS CONSULTANT): Civic action group

RESEARCH ACTIVITY ONE: Comparative studies of
canyon and rock wrens

RESEARCH ACTIVITY TWO: Behavior Sympatric
Arizona Grassland sparrows

INTEREST IN WORKING WITH: Private Sector; Local
Government; International Organizations; U.S.
Federal Government; Canadian; European,
eastern (178)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M); Southwest(6,M); Northeast(2);
Asia(4)

AVAILABILITY (DAYS PER MONTH): A,1; S,10

<731>

Trautenberg, Gerald A., 1935, MS, 1964,
Biochemistry, 201-361-8308
Mt. View Manor C-8 Rd #1; Wharton, NJ 07885,
US

PRINCIPAL FIELD: Biochemical-microbiological
environmental technology relative to
industrial processes

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(3);
Bacteriology(2); Biochemistry(2);
Environmental Pollution(1); Marine
Biology(3); Microbiology(1); Parasitology(3);
Paleontology(2); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing

EXPERIENCE (AS CONSULTANT): Manufacturing; Local
or regional planning group

RESEARCH ACTIVITY ONE: Pulp and paper industry
chemical environmental problems

RESEARCH ACTIVITY TWO: Marketing of biochemical
environmental technology

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Utility; Local
Government; Conservation or Scientific Group;
OSDA; CC; COE; DOD EPA; HEW; HUD; USID; NSF
(2041)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides,
herbicides; Water Resource Development
(Genl); Water supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(14,M)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<732>

Turner, John P.G., 1940, D Phil, 1967,
Ecology/Genetics, 516-246-8249
Biology Division; State University of New
York; Stony Brook; Long Island, NY 11790, US

PRINCIPAL FIELD: Evolutionary, ecological and
population genetics of man and insects

COMPETENCE: Animal Behavior(3); Biostatistics(3);
Entomology(2); Genetics(1); Evolution(2);
Population Biology(3); Systematics(3);
Taxonomy(3); Theoretical Biology(2)

EXPERIENCE (AS EMPLOYEE): European, western

RESEARCH ACTIVITY ONE: Genetics of adaptive race
formation

RESEARCH ACTIVITY TWO: Dynamics of two locus
systems

RESEARCH ACTIVITY THREE: Behavioural aspects of
mimicry

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1315)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1);
Europe, western(11,M); South America(1,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<733>
Tuthill, Bartley E., 1919, BS, 1941, Agronomy,
703-427-1818
USDA Soil Conservation Service; P.O. Box
6097; Virginia Beach, VA 23456, US

PRINCIPAL FIELD: Soil Science Interpretation of
Soils in Urban Areas

COMPETENCE: Anatomy(2); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; Transportation; Utility; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation group; USDA

EXPERIENCE (AS CONSULTANT): HUD

INTEREST IN WORKING WITH: Agriculture;
Construction; Transportation; Utility; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation Group; U.S.
Federal Government; Other Governments (3897)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Forestry; Highways; Parks,
recreational facilities; Soil erosion; Water
Resource Development(Genl); Channelization;
Dredging, filling; Reservoirs/Dams;
Canals/Channels; Flood control; Water supply;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(30)

<734>
Tyns, Harold M., 1942, PhD, 1971, Zoology,
919-763-9971
Environmental Resources; U.S. Army Engineer
District; P.O. Box 1B90 Wilmington, NC
28401, US

PRINCIPAL FIELD: Ecology and Population Dynamics
of Fresh Water and Estuarine Fishes

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Fishery Biology(1); Genetics(2);
Limnology(2); Marine Biology(2);
Ornithology(3); Population Biology(2);
Reproductive Biology(2); Water Resources
Management(2); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): State government; COE

EXPERIENCE (AS CONSULTANT): Utility; Civic action
group

RESEARCH ACTIVITY ONE: Population dynamics of
Anadromous Alewives

RESEARCH ACTIVITY TWO: Environmental assessment
of Brunswick Beaches

RESEARCH ACTIVITY THREE: Env. Ass. of Crabtree
Creek Flood control project

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1535)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Water Resource Development(Genl);
Channelization; Dredging, filling; Beach
nourishment; Reservoirs/Dams; Levees/dikes;
Coastal protection/jetties; Canals/Channels;
Navigation; Flood control; Water quality
control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(8,M)

<735>
Ulrich, Valentin, 1926, PhD, 1961,
Genetics-293-6256
Plant Science Division; West Virginia
University; Morgantown, WV 29506, US

PRINCIPAL FIELD: Biochemical Genetics of Beterosis

COMPETENCE: Agronomy(1); Agricultural Science(3);
Biochemistry(3); Genetics(1);
Horticulture(2); Pest Control(2); Plant
Pathology(2)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Manufacturing; Mining; EPA

RESEARCH ACTIVITY ONE: Permanent grassland
management for high yield

RESEARCH ACTIVITY TWO: Pesticides in the aquatic
environment

RESEARCH ACTIVITY THREE: Effluent guidelines for
beet sugar industry

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4074)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(5); Southeast(15)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<736>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<736>

Vaillancourt, Joseph R., 1937, MS, 1973, Forest Resources, 603-899-5472
Post Office Box 231; Institute of Environmental Sciences; University of New Hampshire; Rindge, NH 03461, US

COMPETENCE: Agronomy(3); Animal Behavior(2); Animal Ecology(2); Aquatic Ecology(3); Entomology(3); Fishery Biology(1); Forestry(1); Horticulture(2); Invertebrate Zoology(2); Ornithology(2); Parasitology(3); Plant Ecology(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): Utility; State government

RESEARCH ACTIVITY ONE: Avian vulnerability to aircraft movements

RESEARCH ACTIVITY TWO: Game habitat demonstration area

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments; FAO (2010)

IMPACT ASSESSMENT EXPERIENCE: Airports

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7); Southeast(3); Asia(1); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,15; S,15; Leave of absence negotiable

<737>

Van Atta, Lester C., 1905, Ph.D, 1931, Physics, 413-545-0300
School of Engineering; University of Massachusetts; Amherst, MA 01002, US

PRINCIPAL FIELD: Physics and engineering applied to generation and use of energy

COMPETENCE: Nonpolluting power sources; Energy policy

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): Professional society; The National Academy of Sciences; DOD; EPA; HEW; NSP

RESEARCH ACTIVITY ONE: Nonpolluting sources of energy

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (3497)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(14,M); South Central(4); Northeast(21,M); Middle Atlantic(7)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<738>

Vandruff, Larry W., 1942, Ph.D, 1970, Wildlife Ecology, 315-476-3151
Dept. of Zoology; SUNY College of Environmental Science & Forestry; 617 Jamesville Ave.; Syracuse, NY 13210, US

PRINCIPAL FIELD: Population Dynamics of Homeotherms, Especially Game Species

COMPETENCE: Animal Behavior(2); Animal Ecology(2); Genetics(3); Ornithology(3); Pest Control(2); Population Biology(2); Wildlife

Management(1)

EXPERIENCE (AS EMPLOYEE): Conservation group; USDI

EXPERIENCE (AS CONSULTANT): Utility; Local or regional planning group; State government; Civic action group; USDI

RESEARCH ACTIVITY ONE: Ecology of waterfowl nest predation

RESEARCH ACTIVITY TWO: Ecology of urban wildlife

RESEARCH ACTIVITY THREE: Urban waterfowl populations

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1522)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8,M)

AVAILABILITY (DAYS PER MONTH): A,12; S,20

<739>

Venable, Emerson, 1911, BS, 1933, Chemistry, 412-441-8045
Redenburg and Venable; 6111 Fifth Ave.; Pittsburgh, PA 15232, US

PRINCIPAL FIELD: Air pollution and industrial hygiene past 30 years

COMPETENCE: Environmental Pollution(2)

EXPERIENCE (AS CONSULTANT): Manufacturing; County or city government

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; U.S. Federal Government (1440)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(39)

<740>

Villalard-Bohnsack, Martine L., 1944, Ph.D, 1971, Marine Botany, 401-255-2204
Biology; Roger Williams College; Bristol, RI 02809, US

PRINCIPAL FIELD: Ecology and taxonomy of marine benthic algae

COMPETENCE: Aquatic Ecology(2); Marine Botany(3); Marine Biology(2)

RESEARCH ACTIVITY ONE: Ecology of intertidal marine algae

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2007)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6,M); Canada, eastern(2,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<741>
 Villamil, Richard J., 1942, MS, 1968, Plant Ecology
 Plant and Soil Dept.; University of Vermont;
 Hills Bldg.; Burlington, VT 05401, US

PRINCIPAL FIELD: Biogeochemical cycling and plant distribution

COMPETENCE: Agronomy(3); Animal Ecology(2); Aquatic Ecology(2); Bacteriology(2); Biochemistry(2); Biostatistics(3); Environmental Pollution(1); Genetics(3); Microbiology(2); Plant Ecology(1); Soil Science(1)

EXPERIENCE (AS EMPLOYEE): Civic action group; Conservation group; HEW

INTEREST IN WORKING WITH: Private Sector; Local Government; Civic action group; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; U.S. Federal Government; Canadian (4005)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1); Northeast(4, M); Southeast(2.5, M); Mediterranean(0.5)

AVAILABILITY (DAYS PER MONTH): A, 2-3; S, 5

<742>
 Virstein, Robert W., 1943, MA, 1972, Zoology, 703-642-2311
 Ecology-Pollution; Virginia Inst. of Marine Science; Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Estuarine benthic ecology

COMPETENCE: Anatomy(3); Animal Behavior(3); Animal Ecology(2); Aquatic Ecology(2); Biostatistics(3); Biophysics(3); Environmental Pollution(1); Limnology(2); Marine Sciences(2)

RESEARCH ACTIVITY ONE: Effect of heated effluent on benthic infauna

INTEREST IN WORKING WITH: Local Government; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; Civic action group; Conservation group; Professional society; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; COE; EPA; HEW; USDI; NSF; OST (1484)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(3, M); Southeast(3, M); Hawaii(0.5)

AVAILABILITY (DAYS PER MONTH): A, 10; S, 10

<743>
 Voris, Harold K., 1940, PhD, 1969, Zoology, 312-243-5121
 Biology; Dickinson College; Carlisle, PA 17013, US

PRINCIPAL FIELD: Sea Snake Systematics and Ecology

COMPETENCE: Anatomy(3); Animal Ecology(3); Aquatic Ecology(3); Marine Biology(3); Population Biology(3); Systematics(3); Taxonomy(3)

RESEARCH ACTIVITY ONE: Sea snake ecology

INTEREST IN WORKING WITH: Local or regional planning group; Conservation group; The Institute of Ecology; COE; USDI; NSF; Asian; Central American (2359)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development(2en1); Channelization; Navigation; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Asia(0.5); Central America(0.5)

AVAILABILITY (DAYS PER MONTH): A, 30; S, 30

<744>
 Wade, Richard A., 1930, PhD, 1968, Marine Science, 202-872-8282
 American Fisheries Society; 1319 1B Street; Washington, DC 20036, US

PRINCIPAL FIELD: Environmental Marine Science and Its Administration

COMPETENCE: Aquatic Ecology(1); Biostatistics(3); Fishery Biology(2); Environmental Pollution(1); Limnology(3); Marine Biology(1); Oceanography(2); Pest Control(3); Physiology(2); Taxonomy(3); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): County or city government; State government; Conservation group; Professional society; EPA; USDI

EXPERIENCE (AS CONSULTANT): Conservation group; The Nat'l Academy of Sciences; International Organizations; South American

RESEARCH ACTIVITY ONE: Ecology of Florida Keys

RESEARCH ACTIVITY TWO: Tarpon pesticide research project

RESEARCH ACTIVITY THREE: Sport Fishery of Biscayne Bay, Florida

INTEREST IN WORKING WITH: Agriculture; Construction; Manufacturing; Utility; County or city government; State government; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; USDA; AEC; USDC; CC; COE; DOD; EPA; USDI; NSF; OST; South American (987)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling; Canals/Channels; Water quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1); Northeast(2); Middle Atlantic(1); Southeast(12); South America(0.16)

AVAILABILITY (DAYS PER MONTH): S, 1.5

<745>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<745>

Wade, Richard L., 1946, PhD, Environmental Health, 202-467-5040
American Public Health Assoc.; 1015 18th NW;
Washington, DC 20036, OS

PRINCIPAL FIELD: Health effects on humans caused by environmental pollution, community environmental management

COMPETENCE: Environmental Pollution; Health Effects; Systems Analysis

RESEARCH ACTIVITY ONE: Energy cost and environmental protection

RESEARCH ACTIVITY TWO: Environmental systems analysis community modeling

RESEARCH ACTIVITY THREE: Health effects of energy policy

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3686)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy conversion/production; Highways; Pesticides, herbicides; Hydroelectric power; Water supply

GEOGRAPHIC FAMILIARITY (YEARS): North Central(8); Northeast(4)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<746>

Wagner, Richard H., PhD, 1963, Plant Ecology
109 S. Washington St.; Easton, MD 21601, OS

PRINCIPAL FIELD: Environmental Stress on Successional Species

COMPETENCE: Aquatic Ecology(2); Environmental Pollution(3); Ornithology(1); Plant Ecology(2); Taxonomy(2); Water Resources Management(1)

EXPERIENCE (AS CONSULTANT): State government; Conservation group

RESEARCH ACTIVITY ONE: Proposed alignment, I-78 Pa.

RESEARCH ACTIVITY TWO: South leg freeway

RESEARCH ACTIVITY THREE: Northwest expressway alignment

INTEREST IN WORKING WITH: Construction; Transportation; Utility; Local or regional planning group; Civic action group; Conservation group; The Institute of Ecology; United Nations; IUCN; COB; EPA; USDI; DOT; Other Governments (3747)

IMPACT ASSESSMENT EXPERIENCE: Highways

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7,M); Middle Atlantic(3); Southeast(7,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<747>

Wagner, Richard H., 1927, BS, Natural Resource Management, Animal Husbandry, 301-796-0208
Natural Resources Management; Zollman Assoc. Inc. Consulting Engineers; Rox 8657;
Baltimore, MD 21240, US

PRINCIPAL FIELD: Environmental management and pollution abatement

COMPETENCE: Animal Husbandry(2); Aquatic Ecology(2); Bacteriology(3); Fishery Biology(2); Environmental Pollution(1); Pollution Control Management(1); Marine Biology(3); Water Resources Management(1); Wildlife Management(2); Mine Drainage Pollution Abt.(1)

EXPERIENCE (AS EMPLOYEE): USDA; DOD

EXPERIENCE (AS CONSULTANT): Construction; Mining; County or city government; Local or regional planning group; State government; Conservation group; DOT

RESEARCH ACTIVITY ONE: Acid mine drainage pollution abatement study

RESEARCH ACTIVITY TWO: Natural resource management

RESEARCH ACTIVITY THREE: Environmental impact study

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; U.S. Federal Government (342)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Airports; Forestry; Highways; Parks, recreational facilities; Soil erosion; Tailings, spoils disposal; Water Resource Development(GENL); Channelization; Dredging, filling; Watershed, forest, range; Flood control; Water supply; Water quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(6); Southwest(1); Middle Atlantic(6,M); Asia(1); Africa(1); Europe, western(5)

AVAILABILITY (DAYS PER MONTH): Full time in capacity of employment of consulting firm

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<748>
Walcott, Charles, 1934, PhD, 1959, Zoology,
516-246-6169
Biology Dept.; State University of New York
at Stony Brook; Stony Brook, NY 11790, US

PRINCIPAL FIELD: Physiological basis of behavior

COMPETENCE: Animal Behavior(1); Comp.
Physiology(2); Ornithology(3)

EXPERIENCE (AS EMPLOYEE): State government;
Conservation group

EXPERIENCE (AS CONSULTANT): Conservation group;
DOD; NSF

RESEARCH ACTIVITY ONE: Sensory Basis of bird
navigation

RESEARCH ACTIVITY TWO: Elementary Science Study

RESEARCH ACTIVITY THREE: Natural science
television project

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (1634)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation; Environmental education

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (16,M)

<749>
Walker, Charles R., 1928, MA, 1951, Zoology,
202-343-2079
U.S. Department of the Interior; Bureau of
Sport Fisheries and Wildlife; Fishery
Research, 19th & C St. N.W.; Washington, DC
20240, US

PRINCIPAL FIELD: Fishery research, toxicology,
ecology, biochemistry, pest control aquatic
biology

COMPETENCE: Agricultural Science(3); Animal
Ecology(2); Aquatic Ecology(1);
Biochemistry(2); Fishery Biology(1);
Environmental Pollution(1); Limnology(1);
Marine Biology(3); Pest Control(1); Plant
Ecology(2); Soil Science(3); Water Resources
Management(2); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; Conservation group; Professional
society; The National Academy of Sciences;
United Nations; USDI

EXPERIENCE (AS CONSULTANT): Civic action group;
USDA; COE; DOD; EPA; HEW; NSF; OST; AID

RESEARCH ACTIVITY ONE: Division of fishery

research, branch chief

RESEARCH ACTIVITY TWO: Cross-Florida barge canal
investigation

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1179)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water Resource Development (genl);
Canals/Channels; Reservoir releases;
Hydroelectric power; Navigation; Flood
control; Irrigation; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(6,M); South Central(10,M); Middle
Atlantic(6,M); Southeast(1); Canada, eastern;
Canada, western; Canada, northern; Europe,
western

<750>
Walker, William R., 1943, MS, 1967, Fisheries,
412-834-2200
Dept. of Biology; Seton Hill College;
Greensburg, PA 15601, US

PRINCIPAL FIELD: Ecology of fishes in lentic and
lotic environments

COMPETENCE: Anatomy(3); Animal Behavior(3);
Animal Ecology(2); Aquatic Ecology(1);
Fishery Biology(1); Environmental
Pollution(2); Limnology(2); Marine
Biology(3); Population Biology(3);
Systematics(3); Water Resources Management(3)

EXPERIENCE (AS CONSULTANT): County or City
government; Civic action group; Conservation
group

RESEARCH ACTIVITY ONE: Domestic effluent in Lake
water supplies

RESEARCH ACTIVITY TWO: Strip mine runoff in park
water shed

RESEARCH ACTIVITY THREE: Feeding ecology of fish
in stream

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining; Utility;
Local government; Civic action group;
Conservation group; TIE; The Natl Academy of
Sciences INRC; U.S. Federal Government; Other
Governments (3080)

GEOGRAPHIC FAMILIARITY (YEARS): South Central(2);
Middle Atlantic(5)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

<751>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<751>

Wallace, Jr., Gordon T., 1942, BS, 1965,
Chemistry, 401-792-6233
Grad School Oceanography; Grad School
Oceanography University of Rhode Island; Box
3 Horn Lab.; Narragansett, RI 02882, DS

PRINCIPAL FIELD: Organic matter and trace
elements in natural waters

COMPETENCE: Aquatic Ecology(3); Biochemistry(3);
Environmental Pollution(2); Marine
Biology(2); Oceanography(1)

EXPERIENCE (AS EMPLOYEE): DOD

RESEARCH ACTIVITY ONE: Trace metal - organic
matter associations in seawater

RESEARCH ACTIVITY TWO: Organic matter in sea water

RESEARCH ACTIVITY THREE: Conformation of adsorbed
proteins

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Government (1620)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3,M);
Middle Atlantic(4)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

EXPERIENCE (AS CONSULTANT): Civic action group

RESEARCH ACTIVITY ONE: Dental cavities and
periodontal diseases

RESEARCH ACTIVITY TWO: Search for CEPHALOSPORIN
AMIDASE enzyme

RESEARCH ACTIVITY THREE: Antibiotics

INTEREST IN WORKING WITH: State government; The
Institute of Ecology(TIE); The National
Academy of Sciences; International
Organizations; U.S. Federal Government (3476)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(24);
Middle Atlantic(24)

AVAILABILITY (DAYS PER MONTH): A,6; S,12

<754>

Ward, Fraser P., 1940, VMD, 1965, Veterinarian,
301-671-2586
Ecological Research; Biomedical Laboratory;
Edgewood Arsenal, MD 21010, US

PRINCIPAL FIELD: Veterinary Science and Ecology
Degree Candidate

COMPETENCE: Animal Ecology(1); Aquatic Ecology;
Biochemistry; Biostatistics; Fishery Biology;
Environmental Pollution(2); Ornithology(2);
Parasitology(2); Population Biology(2);
Veterinary Science(1); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): Civic action group;
Conservation group; USDI

RESEARCH ACTIVITY ONE: Environmental Impact
Statement Preparation

RESEARCH ACTIVITY TWO: Peregrine Falcon
Population Research

RESEARCH ACTIVITY THREE: Turtles as Indicators of
Environmental Stress

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2065)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Energy conversion/production;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development (GenI); Channelization;
Dredging, filling; Beach nourishment;
Reservoirs/Dams; Levees/dikes; Coastal
protection/jetties; Canals/Channels;
Watershed, forest, range; Hydroelectric
power; Flood control; Water supply; Water
quality control; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(11,M); Canada, northern(M)

<752>

Walter, Mark K., 1949, BS, 1971, Animal Science,
607-272-6048
New York State Veterinary College; Cornell
University; Ithaca, NY 14850, DS

PRINCIPAL FIELD: Basic Sciences Related to
veterinary medicine

COMPETENCE: Agricultural Science(3); Anatomy(2);
Bacteriology(2); Biochemistry(3);
Entomology(3); Immunology(2);
Microbiology(3); Physiology(2); Veterinary
Science(2); Virology(3)

RESEARCH ACTIVITY ONE: Evaluation of human
pregnancy test in bitches

RESEARCH ACTIVITY TWO: Separation of thrombocytes
and lymphocytes from avian blood

INTEREST IN WORKING WITH: Agriculture; Utility;
State government; Conservation or Scientific
Group; United Nations; USDA; APC; CC; COE;
DOD; EPA; USDI; NSP; Other Governments (180)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,10

<753>

Walton, Robert B., 1915, PhD, 1953, Microbiology,
201-381-5000
Microbiological Research; Merck Sharp & Dohme
Research Labs; Rahway, NJ 07065, US

PRINCIPAL FIELD: Microbial growth and
fermentations and products formed

COMPETENCE: Bacteriology(1); Biochemistry(2);
Food Sciences(3); Genetics(3); Immunology(2);
Microbiology(1); Nutrition(2); Physiology(3)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<755>
Ward, Ronald A., 1929, PhD, 1955, Zoology,
202-576-2553
Dept. of Entomology; Walter Reed Army
Institute of Research; 16th and Alaska Ave.
NW; Washington, DC 20012, US

PRINCIPAL FIELD: Med Entomology with Emphasis on
Disease Transmission and Vector Biocontrol

COMPETENCE: Entomology(1); Parasitology(2); Pest
Control(2); Systematics(2); Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): Manufacturing; DOD

EXPERIENCE (AS CONSULTANT): The Nat'l Academy of
Sciences; DOD

RESEARCH ACTIVITY ONE: Adaptation of human
malaria to animal models

RESEARCH ACTIVITY TWO: Medical entomology of
rural Afghanistan

RESEARCH ACTIVITY THREE: Effect of microsporidan
parasites on malaria

INTEREST IN WORKING WITH: Professional society;
The Institute of Ecology; The Nat'l Academy
of Sciences; International Organizations;
U.S. Federal Government; Other Governments
(3900)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3); Southwest(1); North Central(5);
Middle Atlantic(1,M); Asia(1,M); Europe,
western(1,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5; variable

<756>
Ward, Wilber W., 1916, D. For., 1962,
Silviculture, 814-865-7541
School of Forest Resources; Pennsylvania
State University; Ferguson Bldg.; University
Park, PA 1916, US

PRINCIPAL FIELD: Application of Ecology to Forest
Stand Culture

COMPETENCE: Forestry(1); Plant Ecology(3);
Physiology(3); Soil Science(3)

EXPERIENCE (AS EMPLOYEE): Transportation

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Mining; Utility; State
government; Conservation group; Professional
society; USDA; COE; USDI; Council on
Environmental Quality

RESEARCH ACTIVITY ONE: Soil-site evaluation for
hardwood species

RESEARCH ACTIVITY TWO: Silviculture of hardwood
and mixed stands

RESEARCH ACTIVITY THREE: Annual Canker of Maple

INTEREST IN WORKING WITH: Private Sector; State
government; Conservation group; Professional
society; USDA; COE; USDI (2358)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Northeast(2); Middle Atlantic(24,M);
Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,0; S,0

<757>
Wass, Marvin L., 1922, PhD, 1959, Biology,
703-642-2111
Invertebrates Dept.; Virginia Institute of
Marine Science; Gloucester Point, VA 23062,
US

COMPETENCE: Animal Ecology(2); Environmental
Pollution(3); Benthos(1); Marine Biology(1);
Oceanography(3); Ornithology(2); Plant
Ecology(3); Taxonomy(3); Wetlands(2)

EXPERIENCE (AS CONSULTANT): Transportation; State
government; Conservation; COE

INTEREST IN WORKING WITH: Transportation;
Utility; Local Government; Civic action
group; Conservation group; Professional
society; TIE; AEC; COE; DOD; EPA; NSP; USDI
(3056)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(11,M); Southeast(9)

AVAILABILITY (DAYS PER MONTH): A,1; S,2

<758>
Waters, Joseph R., 1930, PhD, 1960, Zoology,
215-527-2100
Biology Department; Villanova University;
Lincoln Highway; Villanova, PA 19085, US

PRINCIPAL FIELD: Mammalian systematics and ecology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): County or city
government; State government

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: Vertebrates of
Massachusetts Coastal Islands

RESEARCH ACTIVITY TWO: Vertebrate remains in
Indian Middens

RESEARCH ACTIVITY THREE: Avian populations in old
field succession

INTEREST IN WORKING WITH: County or city
government; State government; Conservation
group; The Institute of Ecology(TIE); The
Nat'l Academy of Sciences; COE; EPA; RW; USDI; NSP (B26)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Northeast(15,M); Southeast(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<759>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<759>

Waters, William E., 1922, PhD, 1958, Forest Ecology, 703-957-9150
Forest Insect Research; Forest Service USDA;
1621 North Kent St.; Arlington, VA 22209, US

PRINCIPAL FIELD: Population ecology and management of destructive forest insects

COMPETENCE: Agricultural Science(3); Animal Ecology(3); Biostatistics(2); Entomology(1); Forestry(1); Environmental Pollution(3); Genetics(3); Microbiology(3); Pest Control(2); Plant Ecology(3); Plant Pathology(3); Population Biology(2); Systematics(3); Systems Analysis(3); Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Agriculture; County or city government; Local or regional planning group; State government; Conservation group; Professional society; United Nations; EPA; NSP; European, western

RESEARCH ACTIVITY ONE: Chief of forest insect research US Forest Service

RESEARCH ACTIVITY TWO: Impacts of insects on forest ecosystems

RESEARCH ACTIVITY THREE: Population dynamics of forest insects

INTEREST IN WORKING WITH: Agriculture; County or city government; Local or regional planning group; State government; Conservation group; Professional society; TIE; The Nat'l Academy of Sciences INRC; United Nations; IUCN; USDA; COC; COE; EPA; HEW; USDI; NSF; OST; AID; Other Governments (707)

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(18,M); Middle Atlantic(4,M); Southeast(1); Canada, eastern; Europe, western

<760>

Webb, Kenneth L., 1930, PhD, 1959, Plant Physiology, 703-642-4734
Environmental Physiology; Virginia Institute of Marine Science; Gloucester Point, VA 23062, US

PRINCIPAL FIELD: Nitrogen cycle in shallow marine waters

COMPETENCE: Marine Biology(2); Oceanography(3); Physiology(1)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Nitrogen cycle on coral reefs

RESEARCH ACTIVITY TWO: Control of Chesapeake Bay jellyfish

RESEARCH ACTIVITY THREE: Free amino acids and marine invertebrates

INTEREST IN WORKING WITH: Private Sector; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Asian; African; Central American; South American; Pacific (1076)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(8); Middle Atlantic(6); Southeast(5,M); Hawaii(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<761>

Webb, Ralph E., 1941, PhD, 1972, Entomology, 301-344-2269
Agricultural Research Service; USDA; Building 470 ARC-East; Beltsville, MD 20705, US

PRINCIPAL FIELD: Plant - Insect Interactions

COMPETENCE: Agricultural Science(1); Entomology(1); Environmental Pollution(3); Horticulture(3); Pest Control(2); Plant Ecology(3)

EXPERIENCE (AS EMPLOYEE): USDA

RESEARCH ACTIVITY ONE: Post plant resistance to arthropods

RESEARCH ACTIVITY TWO: Pest repellance by reflective mulches

RESEARCH ACTIVITY THREE: Aphid alarm pherome

INTEREST IN WORKING WITH: Agriculture; Local Government; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1361)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(8,M)

AVAILABILITY (DAYS PER MONTH): A,2; A,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<762>

Webb, William L., 1913, PhD, 1950, Zoology,
315-476-3151
Zoology Department; SUNY; College of
Environmental Science and Forestry; Syracuse,
NY 13210, US

PRINCIPAL FIELD: Vertebrate ecology and habitat
selection

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Aquatic Ecology(3); Forestry(2);
Limnology(2); Ornithology(2); Population
Biology(2); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): United Nations

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Housing & Urban Develop.:
Asian

RESEARCH ACTIVITY ONE: Bird population effect of
logging on

RESEARCH ACTIVITY TWO: Timber operations and
wildlife

RESEARCH ACTIVITY THREE: Wildlife resources, St.
Lawrence Basin

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; United
Nations; World Bank; U.S. Federal Government;
Other Governments (1338)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Watershed, forest, range; Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
Northeast(30); Asia(2); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<763>

Weber, Jerome B., 1933, PhD, 1963, Soil Science,
919-755-2867
Crop Science; North Carolina State
University; 201 Weed Science Center; Raleigh,
NC 27607, US

PRINCIPAL FIELD: Fate and Behavior of Biocides in
Soils and Waters

COMPETENCE: Agronomy(1); Agricultural Science(3);
Biostatistics(3); Environmental Pollution(2);
Pest Control(2); Soil Science(1); Weed
Science(1)

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; State government; Professional
society

RESEARCH ACTIVITY ONE: Biocides in the soil

RESEARCH ACTIVITY TWO: Pesticides in soil and
bioactivity

RESEARCH ACTIVITY THREE: Herbicide movement in
soils

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Transportation; State
government; Conservation group; The Nat'l
Academy of Sciences; United Nations; World
Bank; USDA; CC; CDE; DOD; EPA; HEW; USDI;
NSF; OST; DOT; Other Governments (3399)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5);
Southeast(10,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<764>

Weber, Richard S., 1948, BS, 1970, Agronomy-Soil
Science, 703-368-9171
Public Works-Soil Division; Prince William
County; 9254 Lee Ave.; Manassas, VA 22110, US

PRINCIPAL FIELD: Erosion Control in Water Courses
and Slopes in Urban Development Areas

COMPETENCE: Agronomy(1); Environmental
Pollution(1); Erosion Control(1); Soil
Science(1)

EXPERIENCE (AS EMPLOYEE): County or city
government

EXPERIENCE (AS CONSULTANT): Local or regional
planning group

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (3890)

IMPACT ASSESSMENT EXPERIENCE: Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(3)

<765>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<765>

Weeks, Martin E., 1906, PhD, 1937, Soils,
#13-546-2353
Plant & Soil Science; Dept. of Soils College
of Poods & Natural Res.; Univ. of
Massachusetts; Amherst, MA 01002, US

PRINCIPAL FIELD: Soil Fertility and Crop
Production Research in Liming, Fertilizers
Soil Formation

COMPETENCE: Agronomy(1); Agricultural Science(2);
Environmental Pollution(2); Soil Science(1);
Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; County or
city government; State government;
Conservation group; USDA

EXPERIENCE (AS CONSULTANT): Agriculture

RESEARCH ACTIVITY ONE: Effects of high manure
rates on soils and crops

RESEARCH ACTIVITY TWO: Effect of land use on
water quality

RESEARCH ACTIVITY THREE: Effects of fertilizers
and manure on soils and crops

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Local Government; County or city
government; State government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (1674)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development(Genl); Watershed,
forest, range; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4);
South Central(20,M); Northeast(12); Asia(1)

<766>

Wehmler, John F., 1944, PhD, 1971,
Geochemistry, 302-738-2813
Dept. of Geology; University of Delaware;
Newark, DE 19711, US

PRINCIPAL FIELD: Organic Chemistry of Water and
Sediments

COMPETENCE: Biochemistry(2); Environmental
Pollution(3); Oceanography(2)

EXPERIENCE (AS CONSULTANT): County or city
government

RESEARCH ACTIVITY ONE: Amino acid geochemistry of
marine sediments

RESEARCH ACTIVITY TWO: Trace metals in human
tissues

INTEREST IN WORKING WITH: Agriculture; Mining;
County or city government; Local or regional
planning group; Civic action group;
Conservation group; Professional society; The
Institute of Ecology; The Nat'l Academy of
Sciences; United Nations; IUCN; COE; HEW;
USDI; NSF (1689)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6,M);
Middle Atlantic(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,5

<767>

Wehner, Donald C., 1929, BA, 1951, Biology,
205-342-0193
Water Treating Chemicals; American Cyanamid
Co.; Berdan Ave.; Wayne, NJ 07470, US

PRINCIPAL FIELD: Water pollution control with
emphases on control of nuisance microorganisms

COMPETENCE: Bacteriology(2); Environmental
Pollution(1); Microbiology(2); Pest
Control(3); Water Resources Management(2)

INTEREST IN WORKING WITH: Construction;
Manufacturing; Mining; Utility; County or
city government; State government;
Professional society; AEC; COE; DOD; EPA; NSF
(1619)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Pesticides,
herbicides; Tailings, spoils disposal; Water
supply; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(18);
Southeast(3)

<768>

Weis, Peddrick, 1938, DDS, 1963, Dentistry,
201-877-4409
Anatomy; New Jersey Medical School; 100
Bergen St.; Newark, NJ 07104, US

PRINCIPAL FIELD: Electron Microscopic Analysis of
'Insecticides' Effects in Teleost Fishes

COMPETENCE: Anatomy(1); Animal Behavior(2);
Aquatic Ecology(3); Biochemistry(2); Fishery
Biology(3); Environmental Pollution(3);
Embryology(1); Marine Biology(3)

RESEARCH ACTIVITY ONE: Carcinogenesis in chronic
exposure to DDT

RESEARCH ACTIVITY TWO: Behavioral changes in fish
exposed to DDT

RESEARCH ACTIVITY THREE: Ultrastructural changes
in fish exposed to DDT

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4073)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<769>
Weiss, Charles M., 1918, PhD, 1950, Biology,
919-966-1171
Environmental Sciences; University of North
Carolina; Chapel Hill, NC 27514, US

PRINCIPAL FIELD: Water quality evaluation

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(1); Limnology(1); Marine
Biology(3); Oceanography(3); Water Resources
Management(1)

EXPERIENCE (AS CONSULTANT): Utility; County or
city government; Local or regional planning
group; State government; The Nat'l Academy of
Sciences; United Nations; COE; EPA; AID;
Central American

RESEARCH ACTIVITY ONE: Pre-impoundment studies

RESEARCH ACTIVITY TWO: Thermal effects studies

RESEARCH ACTIVITY THREE: Algal assay evaluation

INTEREST IN WORKING WITH: Private Sector;
Utility; Local Government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (1316)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Water Resource
Development(GENL); Reservoir releases;
Hydroelectric power; Water supply; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3);
Middle Atlantic (6); Southeast (12,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

<770>
Welch, Bruce L., 1931, PhD, 1962, Biology
(Botany), 301-744-8700, Ext. 160
Johns Hopkins University; School of Medicine;
Department of Psychiatry; North Wolfe Street;
Baltimore, MD 21205, US

PRINCIPAL FIELD: Social biology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): EPA

EXPERIENCE (AS CONSULTANT): Transportation;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
HEW; MSP; DOT

RESEARCH ACTIVITY ONE: Ecology of homicide and
suicide

RESEARCH ACTIVITY TWO: Environmental Neurobiology

RESEARCH ACTIVITY THREE: Successinn shallow
coastal waters Caribbean

INTEREST IN WORKING WITH: The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
United Nations; World Bank; YUCN; U.S.
Federal Government (1345)

IMPACT ASSESSMENT EXPERIENCE: Airports; Parks,
recreational facilities; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(10); Southeast(10,M); Caribbean(2)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<771>
Welch, Ross M., 1943, PhD, 1971, Soil Science,
607-256-5434
U.S. Plant, Soil & Nutrition Lab.; USDA, ARS,
US Plant, Soil & Nutrition Lab.; Tower Pd.;
Ithaca, NY 14850, US

PRINCIPAL FIELD: Plant Mineral Nutrition & Plant
Physiology

COMPETENCE: Agronomy(2); Agricultural Science(1);
Biochemistry(2); Environmental Pollution(3);
Plant Ecology(3); Plant Mineral Nutrition(1);
Soil Science(1)

RESEARCH ACTIVITY ONE: Trace Elements in
Biospheres

RESEARCH ACTIVITY TWO: Nitrogen Nutrition &
Alkaloid Production, in Grass

RESEARCH ACTIVITY THREE: Ion Absorption by Plant
Cells

INTEREST IN WORKING WITH: Professional society;
The Nat'l Academy of Sciences INRC; U.S.
Federal Government (281)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5,M); Northeast(2)

<772>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<772>

Werner, Robert G., 1936, PhD, 1966, Zoology,
315-476-3151
Dept. of Zoology; Sunny College Environmental
Science & Forestry; Syracuse University;
Syracuse, NY 13210, US

PRINCIPAL FIELD: Larval Fish Ecology

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(1); Fishery Biology(2); Environmental
Pollution(3); Limnology(2)

EXPERIENCE (AS CONSULTANT): Construction; County
or city government

RESEARCH ACTIVITY ONE: Ecology of limnetic
bluegill fry

RESEARCH ACTIVITY TWO: Impact of dylox on aquatic
vertebrates

RESEARCH ACTIVITY THREE: Movements of dwarf
suckers, homing mechanisms

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (783)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5); North Central(3,M); Middle
Atlantic(7,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<773>

Wesely, Marvin L., 1944, PhD, 1970, Soil Science,
301-278-4672
Concepts Analysis Lab.; US Army Ballistic
Research Laboratories; Aberdeen Proving
Grounds, MD 2100, US

PRINCIPAL FIELD: Atmospheric Turbulence in
Planetary Boundary Layer

COMPETENCE: Agronomy(2); Environmental
Pollution(2); Micrometeorology(1); Soil
Science(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; DOD

RESEARCH ACTIVITY ONE: Measurement of atmospheric
turbulence

RESEARCH ACTIVITY TWO: Laser scintillation studies

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (389B)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5);
Middle Atlantic(2*)

AVAILABILITY (DAYS PER MONTH): A,7; S,7

<774>

Wessel, Carl J., 1911, PhD, 1941, Biochemistry,
301-424-1310
John I. Thompson & Co.; 1300 E. Gude Drive;
Rockville, MD 20850, US

PRINCIPAL FIELD: Scientific information systems
and services; Materials deterioration
prevention

COMPETENCE: Biochemistry(2); Environmental
Pollution(2); Microbiology(2); Plant
Control(2); Systems Analysis(2); Sc.
information(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing; The
Nat'l Academy of Sciences INRC; HPW

EXPERIENCE (AS CONSULTANT): DOD

RESEARCH ACTIVITY ONE: Information systems design
cancer res. repts.

RESEARCH ACTIVITY TWO: Information systems design
deafness

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (122)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(15); Middle Atlantic(25)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<775>

West, Arthur J., 1927, PhD, 1964, Zoology,
617-723-4700
Biology; Suffolk University; 41 Temple
Street; Boston, MA 02114, US

PRINCIPAL FIELD: Marine Invertebrate Zoology and
Parasitology

COMPETENCE: Anatomy(3); Animal Ecology(3);
Aquatic Ecology(3); Biochemistry(3);
Biostatistics(3); Fishery Biology(2);
Genetics(2); Limnology(2); Marine Biology(2);
Oceanography(3); Parasitology(1);
Physiology(3); Reproductive Biology(3);
Systematics(2); Taxonomy(2)

EXPERIENCE (AS EMPLOYEE): NSP

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government

RESEARCH ACTIVITY ONE: Acanthor Membranes in Two
Fish Species

INTEREST IN WORKING WITH: Local Government; U.S.
Federal Government (3977)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Coastal
protection/jetties; Water quality control;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(20,M)

AVAILABILITY (DAYS PER MONTH): A,1-2; S,12-20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<776>
Westfield, James D., 1937, PhD, 1967,
Environmental Engineering, 703-525-2335
Tetra Tech Inc.; 1911 Port Myer Dr.;
Arlington, VA, US
PRINCIPAL FIELD: Environmental engineering impact
analysis chemical and physical processes
COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(1); Limnology(2); Oceanography(3);
Water Resources Management(1)
EXPERIENCE (AS EMPLOYEE): Utility; State
government
EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing; Mining; Utility; County or
city government; Local or regional planning
group; State government; Civic action group;
Conservation group; World Bank; AEC; USDC;
COE; EPA; USDI; AID; Central American; South
American
RESEARCH ACTIVITY ONE: Artic oil exploration
environmental impact anal.
RESEARCH ACTIVITY TWO: Regional solid waste
management
RESEARCH ACTIVITY THREE: James River basin waste
management plan
INTEREST IN WORKING WITH: Construction;
Manufacturing; Mining; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Central American; European,
eastern; European, western; South American
(3,5)
IMPACT ASSESSMENT EXPERIENCE: Highways; Tailings,
spoils disposal; Water Resource
Development (GENL); Dredging, filling;
Watershed, forest, range; Reservoir releases;
Water supply; Water quality control; Energy
utilization
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Northeast(5); Southeast(2); South
America(2)
AVAILABILITY (DAYS PER MONTH): A,5; S,5

<777>
Whal, Richard W., 1932, MS, 1958, Fisheries
Biology, 717-532-2184
Biology Dept.; Shippensburg State College;
Shippensburg, PA 17257, US
PRINCIPAL FIELD: Increase fish and wildlife
productivity for recreation purposes
COMPETENCE: Aquatic Ecology(3); Fishery
Biology(2); Environmental Pollution(3);
Genetics(3); Limnology(3); Population
Biology(3); Wildlife Management(3)
RESEARCH ACTIVITY ONE: DOR 24
RESEARCH ACTIVITY TWO: Trapping bluegill sunfish
in farm ponds
RESEARCH ACTIVITY THREE: Lake trout chromosome

morphology
INTEREST IN WORKING WITH: Agriculture; Local
Government; Civic action group; Conservation
group; United Nations; USDA; ARC; COE; EPA;
HEW; USDI (1621)
GEOGRAPHIC FAMILIARITY (YEARS): northeast(17)
AVAILABILITY (DAYS PER MONTH): A,3; S,20

<778>
Wheatley, James B., 1937, BS, 1963, Biology,
202-381-5721
Biological Sciences Br.; Smithsonian Science
Information Exchange; 1730 M Street NW;
Washington, DC 20036, US
PRINCIPAL FIELD: Marine planktonic algae. At
present, I am an environmental information
specialist
COMPETENCE: Respondent lists 16 or more
scientific fields
EXPERIENCE (AS EMPLOYEE): USDI; Smithsonian
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (119)
IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development(genl); Dredging,
filling; Watershed, forest, range
GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Middle Atlantic(8,M)
AVAILABILITY (DAYS PER MONTH): A,3; S,3

<779>
Wheeler, Pillsworth H., 1935, PhD, 1968,
Oceanography, 603-862-2112
Dept. of Zoology; University of New
Hampshire; Durham, NH 03824, US
PRINCIPAL FIELD: Biology of Planktonic Marine
Crustaceans
COMPETENCE: Aquatic Ecology(1); Environmental
Pollution(2); Marine Biology(1);
Oceanography(1); Population Biology(3);
Systematics(2)
EXPERIENCE (AS CONSULTANT): Utility; Conservation
group
RESEARCH ACTIVITY ONE: Zooplankton survey of
seabrook estuary
INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; African; Central American; South
American (798)
IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Tailings, spoils disposal; Water
Resource Development (Genl)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3,M); Rocky Mountain(1);
Northeast(8,M); Asia(1)
AVAILABILITY (DAYS PER MONTH): A,4; S,2

<780>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<780>

Wheeler, Garland L., 1941, PhD, 1972, Ecology,
919-755-2282
Statics; Biomath Program; Box 5457; Raleigh,
NC 27607, US

PRINCIPAL FIELD: Statistical Design & Analysis of
Ecosystem Problems and Mathematical Modeling

COMPETENCE: Biostatistics(2); Forestry(2);
Environmental Pollution(2); Genetics(3);
Plant Ecology(1)

EXPERIENCE (AS EMPLOYEE): South American

EXPERIENCE (AS CONSULTANT): South American

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (951)

IMPACT ASSESSMENT EXPERIENCE: Air Pollution

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(8,M);
Central America(0.5,M); South America(2)

<781>

White, James P., 1939, PhD, 1967, Microbiology,
716-372-0300
Dept. of Biology; St. Bonaventure University;
St. Bonaventure, NY 14778, US

PRINCIPAL FIELD: Role of Trace Metals in
Microbial Metabolism

COMPETENCE: Bacteriology; Biochemistry;
Microbiology; Nutrition

EXPERIENCE (AS CONSULTANT): Manufacturing; Civic
action group; Conservation group; COE

RESEARCH ACTIVITY ONE: Nitrite formation in
heated water

RESEARCH ACTIVITY TWO: Origin of nitrite in
heated waste water

RESEARCH ACTIVITY THREE: Water Quality survey

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (1289)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(5);
Northeast(5,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<782>

Wiant, Harry V., Jr., 1932, PhD, 1963, Forestry,
304-293-2391
Division of Forestry; West Virginia
University; Morgantown, WV 26506, US

PRINCIPAL FIELD: Forest ecology and silviculture,
forest mensuration, technical report writing

COMPETENCE: Biostatistics(2); Forestry(1);
Environmental Pollution(2)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Conservation group

RESEARCH ACTIVITY ONE: The tariff system of
tree-volume estimations

RESEARCH ACTIVITY TWO: Girard form class
estimations

RESEARCH ACTIVITY THREE: Ecology of redwood

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1942)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M); Southwest(7,M); Middle
Atlantic(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<783>

Wikstrom, Leonard L., 1937, PhD, 1966,
Engineering, 212-584-0700
Chemical Engineering; New York University;
Bronx, NY 10453, US

PRINCIPAL FIELD: Air and water pollution control

COMPETENCE: Agricultural Science(3); Aquatic
Ecology(3); Fishery Biology(3); Environmental
Pollution(1); Oceanography(3); Soil
Science(2); Water Resources Management(1)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
or city government; Local or regional
planning group; Conservation group; USDA; DOD

RESEARCH ACTIVITY ONE: Removal of iron from acid
mine drainage waters

RESEARCH ACTIVITY TWO: Down wind travel of CHy
even spill

RESEARCH ACTIVITY THREE: Use of fluidized bed
electrode to cleanup plating wastes

INTEREST IN WORKING WITH: Agriculture;
Transportation; County or city government;
Local or regional planning group; State
government; Conservation group; United
Nations; USDA; COE; DOD; EPA; HEW; RUD; USDI;
NSF (3402)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Highways; Soil erosion; Water Resource
Development(GENL); Channelization;
Canals/Channels; Watershed, forest, range;
Flood control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(6); Northeast(6,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,20

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<784>
Wiley, Martin L., 1935, PhD, 1969, Ichthyology, 301-326-4281
Fisheries Department; University of Maryland; Nat. Res. Inst.; Chesapeake Biol. Lab.; Box 38; Solomons, MD 20688, US

PRINCIPAL FIELD: Biology of fishes, fish anatomy

COMPETENCE: Animal Behavior(2); Aquatic Ecology(2); Fishery Biology(1); Marine Biology(3); Systematics(3); Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Survey fishes of Baltimore Harbor

RESEARCH ACTIVITY TWO: Survey fishes of Chincoteague Bay

INTEREST IN WORKING WITH: Local Government; Conservation of Scientific Group; U.S. Federal Government (119)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2); South Central(4); Middle Atlantic(4,M)

<785>
Wilkins, Bruce T., 1931, PhD, 1967, Natural Resource, 607-272-5392
Natural Resources; Cornell University; Fernow Hall; Ithaca, NY 14850, US

PRINCIPAL FIELD: Recreational Uses of Natural Resources

COMPETENCE: Animal Ecology(2); Aquatic Ecology(2); Fishery Biology(2); Forestry(2); Limnology(2); Marine Biology(2); Ornithology(3); Plant Ecology(3); Range Science(2); Water Resources Management(1); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; County or city government; State government; USDA; USDC; DOD

EXPERIENCE (AS CONSULTANT): Agriculture; County or city government; Local or regional planning group; State government; Conservation group

RESEARCH ACTIVITY ONE: Uses of non-farmed rural land

RESEARCH ACTIVITY TWO: Campgrounds and campers in New York

RESEARCH ACTIVITY THREE: Marinas in New York

INTEREST IN WORKING WITH: Private Sector; Local Government; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Other Governments (597)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(5,M); Northeast(14,M); Middle Atlantic(2,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,7

<786>
Willcox, Henry M., III, 1944, BS, 1966, Ecology, 315-341-3639
Lake Ontario Env. Lab.; State University College, Oswego; Oswego, NY 13126, US

PRINCIPAL FIELD: Environmental impact of pesticides in forest and agricultural ecosystems

COMPETENCE: Agricultural Science(2); Animal Ecology(1); Aquatic Ecology(3); Entomology(2); Forestry(1); Limnology(3); Ornithology(3); Pest Control(1); Population Biology(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; State government

EXPERIENCE (AS CONSULTANT): Agriculture; County or city government; Local or regional planning group; State government; Professional society; United Nations; U.N. Ind. Develop. Org.; USDA; EPA

RESEARCH ACTIVITY ONE: Evaluation of dylox in forest ecosystem

RESEARCH ACTIVITY TWO: Evaluation of sevin 4 oil in forest system

RESEARCH ACTIVITY THREE: Analysis of agricultural chemicals in crops

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1421)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Pesticides, herbicides; Watershed, forest, range; Water quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(M); Middle Atlantic(6,M)

AVAILABILITY (DAYS PER MONTH): A,20; S,20

<787>
Willett, Norman P., 1928, PhD, 1955, Microbiology, 215-221-4905
Temple University School of Pharmacy; 3223 N. Broad St.; Philadelphia, PA 19140, US

COMPETENCE: Bacteriology(1); Biochemistry(2); Immunology(3); Microbiology(1)

RESEARCH ACTIVITY ONE: Effect of Air Pollutants on Host Defense Mechanisms

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (292)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3); Northeast(2); Middle Atlantic(20)

AVAILABILITY (DAYS PER MONTH): A,2-3

<789>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<788>

Williams, Bolton S., 1940, PhD, 1970, Marine Ecology Services Group; Texas Instruments Inc.; 18 Cumberland; Fishkill, NY 12524, DS

PRINCIPAL FIELD: Estuarine ecosystems benthos

COMPETENCE: Aquatic Ecology(2); Environmental Pollution(2); Limnology(2); Marine Biology(2); Oceanography(2); Physiology(1); Systematics(2); Taxonomy(2)

EXPERIENCE (AS CONSULTANT): Manufacturing; Utility

RESEARCH ACTIVITY ONE: Thermal effects on benthos of Hudson River

RESEARCH ACTIVITY TWO: Effects of oil field brine on Texas estuaries

INTEREST IN WORKING WITH: Manufacturing; Utility; Conservation group; Professional society; The Institute of Ecology(TIE); The National Academy of Sciences; United Nations; AEC; COP; EPA; HEW; NSF; OST; Asian; African; Central American; Canadian; European, eastern; European, western; South American; Australian (442)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling; Water quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(10,M); Northeast(1)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<789>

Williams, James F., 1939, PhD, 1968, Zoology, 202-576-5176
Microbiology Division; Walter Reed Army Institute of Research; Bldg 508 Forest Glen; Washington, DC 20012, US

PRINCIPAL FIELD: Ecology of Viral and Bacterial Zoonoses

COMPETENCE: Animal Ecology(2); Aquatic Ecology(3); Bacteriology(2); Biostatistics(3); Entomology(2); Environmental Pollution(2); Immunology(2); Limnology(2); Ecology of Zoonoses(1); Ornithology(2); Plant Ecology(2); Virology(2)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): Asian

INTEREST IN WORKING WITH: Local Government; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; United Nations; IUCN; U.S. Federal Government; Other Governments (3892)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(3,M); Southeast(6); Asia(2,M)

<790>

Wilson, Don E., 1944, PhD, 1970, 202-381-5151
U. S. Department of Interior; Bureau of Sport Fisheries and Wildlife; National Museum - Natural History; Washington, DC 20560, US

PRINCIPAL FIELD: Evolutionary biology of mammals

COMPETENCE: Anatomy(3); Animal Behavior(3); Animal Ecology(1); Entomology(3); Ornithology(3); Plant Ecology(3); Physiology(3); Population Biology(2); Reproductive Biology(3); Systematics(3); Taxonomy(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): USDI

RESEARCH ACTIVITY ONE: Bat ecology

RESEARCH ACTIVITY TWO: Animal - plant interactions

RESEARCH ACTIVITY THREE: Mammals of New Mexico

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1165)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(4,M); Middle Atlantic(1); Central America(2,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

<791>

Wilson, John S., 1938, BS, 1967, Plant Science, 301-326-4281
Fisheries Dept.; Natural Resources Institute; University of Maryland; P.O. Box 38; Solomons, MD 20688, US

COMPETENCE: Fishery Biology(2); Forestry(2); Plant Ecology(3); Plant Pathology(3)

EXPERIENCE (AS EMPLOYEE): Utility; County or city government

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Sonic tracking striped bass

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (4067)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development(Genl); Channelization; Dredging, filling; Canals/Channels; Navigation

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(5)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<792>
Wilson, Lee, 1942, PhD, 1971, Geology,
212-581-6800
Environment Consultants Inc.; 640 5th Ave.;
New York, NY 10019, US

COMPETENCE: Environmental Pollution(1);
Hydrology(1); Limnology(2); Ecosystem
Mapping(2); Systems analysis(2); Water
Resources Management(2)

EXPERIENCE (AS CONSULTANT): Construction; Mining;
Utility; County or city government; Local or
regional planning group; State government;
Conservation group; United Nations; COE; EPA;
African; Australian

RESEARCH ACTIVITY ONE: Environmental Plan Trinity
River Basin Texas

RESEARCH ACTIVITY TWO: Environmental impact
Brookhaven Landfills, New York

RESEARCH ACTIVITY THREE: Environmental impact
Titus Reservoir Texas

INTEREST IN WORKING WITH: Private Sector; Local
Government; Civic action group; International
Organizations; U.S. Federal Government; Other
Governments (379B)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Parks, recreational
facilities; Soil erosion; Tailings, spoils
disposal; Water Resource Development(GENL);
Channelization; Beach nourishment;
Reservoirs/Dams; Canals/Channels; Watershed,
forest, range; Reservoir releases; Flood
control; Water supply; Water quality control;
Shoreline protection; Fish & Wildlife
conservation; Urban Development

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); Southwest(1); Northeast(2);
Canada, eastern(1); Europe, western(1);
Australia(1)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<793>
Winn, Howard E., 1926, PhD, 1955, Zoology,
401-792-6251
Grad. Sch. Oceanogr. University Rhode Island;
Kingston, RI 02881, US

PRINCIPAL FIELD: Behavioral ecology of aquatic
animals

COMPETENCE: Animal Behavior(1); Animal
Ecology(3); Aquatic Ecology(3); Fishery
Biology(3); Marine Biology(1);
Oceanography(2); Ornithology(3); Population
Biology(3); Reproductive(3); Systematics(3);
Bioacoustics(1)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (3100)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12);
West Indies

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<794>
Witschonke, Charles R., 1916, PhD, 1941, Physical
Chemistry, 203-348-7331
Manager, Water Treating Chemical Research;
American Cyanamid Co.; 1937 W. Main St.;
Stamford, CT, US

PRINCIPAL FIELD: Polyelectrolytes for pollution
control, raw water clarification and
industrial processing

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(1); General Pollution Control(1);
Virology(3)

RESEARCH ACTIVITY ONE: Primary Coagulants for raw
water clarification

RESEARCH ACTIVITY TWO: Flocculants for industrial
and municipal sewage sludges

RESEARCH ACTIVITY THREE: Corrosion and scale
inhibitors

INTEREST IN WORKING WITH: Manufacturing; Mining;
Utility; Local Government; Professional
society; The Institute of Ecology(TIE); The
Nat'l Academy of Sciences; International
Organizations; USDC; CC; COE; DOD; EPA; OST;
Canadian; European, eastern; European,
western (848)

IMPACT ASSESSMENT EXPERIENCE: Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(35)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

<795>
Wodehouse, Dora E., 1947, MS, 1972, Botany,
B02-447-7511
Biology Teach; Mt. Anthony Union High School;
Park St. Extension; Bennington, VT 05201, US

PRINCIPAL FIELD: Marine botany, ecology

COMPETENCE: Aquatic Ecology(2); Marine
Biology(2); Plant Ecology(2); Phycology

EXPERIENCE (AS EMPLOYEE): NSF

RESEARCH ACTIVITY ONE: Forest vegetation map

RESEARCH ACTIVITY TWO: Succession of algae in a
transect, Bodega Bay, Ca.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (3449)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.25,M); Northeast(0.5,M); Southeast

AVAILABILITY (DAYS PER MONTH): A,?; S,?

<796>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<796>

Woke, Richard E., 1933, PhD, 1968, Veterinary Pathology, 401-792-2334
Animal Pathology; University of Rhode Island; Kingston, RI 02881, US

PRINCIPAL FIELD: Comparative Pathology Emphasis on Diseases of Fish

COMPETENCE: Animal Husbandry(3); Bacteriology(3); Immunology(3); Nutrition(3); Parasitology(3); Veterinary Science(1); Virology(3); Pathology(1)

EXPERIENCE (AS CONSULTANT): Utility; State government; AEC; USDC

RESEARCH ACTIVITY ONE: Marine pathology

RESEARCH ACTIVITY TWO: Immunology of piscine vibriosis

INTEREST IN WORKING WITH: Agriculture; Manufacturing; Mining; Transportation; Utility; State government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; USDA; AEC; USDC; CC; COE; DOD; EPA; HFW; HUD; USDI; NSP; OST; AID; DOT; Other Governments (1515)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Northeast(14,M); Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,7; S,7

<797>

Wood, Gene W., 1940, PhD, 1971, Agronomy, B14-865-1693
School of Forest Resources; Pennsylvania State University; University Park, PA 16802, US

PRINCIPAL FIELD: Wild animal population-habitat relationships

COMPETENCE: Animal Ecology(2); Forestry(2); Environmental Pollution(3); Ornithology(3); Plant Ecology(2); Population Biology(3); Soil Science(2); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): Local or regional planning group

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Ecological effects of clearcutting

RESEARCH ACTIVITY TWO: Ecological effects of prescribed fire

RESEARCH ACTIVITY THREE: Wildlife response to wastewater irrigation

INTEREST IN WORKING WITH: Agriculture; Utility; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1325)

IMPACT ASSESSMENT EXPERIENCE: Irrigation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(9,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<798>

Wood, Glen M., 1920, PhD, 1950, Agronomy, R02-656-2630
Plant & Soil Science; Univ. of Vermont; Hills Science Bldg; Burlington, VT 05401, US

PRINCIPAL FIELD: Agronomy - Turfgrass Management Forage Crops Management

COMPETENCE: Agronomy(1); Agricultural Science(1); Horticulture(1)

EXPERIENCE (AS EMPLOYEE): Agriculture

RESEARCH ACTIVITY ONE: Drouth, Cold, Shade and Wear Studies with Turfgrasses

INTEREST IN WORKING WITH: Private Sector; U.S. Federal Government; Other Governments (259)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Airports; Forestry; Highways; Parks, recreational facilities; Pesticides, herbicides; Soil erosion; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1,M); Northeast(22,M)

AVAILABILITY (DAYS PER MONTH): S,22

<799>

Wood, Langley H., 1924, PhD, 1969, Evolutionary Biology, 703-381-5511
Environmental Studies Program; Sweet Briar College; POB 2; Sweet Briar, VA 24595, US

PRINCIPAL FIELD: Experimental analysis ecology physiology of marine animal behavior

COMPETENCE: Anatomy(3); Animal Behavior(1); Animal Ecology(2); Anthropology(3); Biochemistry(3); Biostatistics(3); Biophysics(3); Environmental Pollution(3); Limnology(3); Marine Biology(1); Oceanography(2); Physiology(3); Population Biology(3); Systematics(3)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): State government

RESEARCH ACTIVITY ONE: Acoustic reception and orientation of large sharks

RESEARCH ACTIVITY TWO: Prey selection behavior of marine snails

RESEARCH ACTIVITY THREE: Behavior and transport of bivalve larvae

INTEREST IN WORKING WITH: Manufacturing; Utility; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (4107)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(11); Middle Atlantic(9,M); Southeast(2); Oceans (at sea) (1)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<800>
Woodard, Donald W., 1934, MS, 1963, Biology,
202-282-2559
Research Division; USA Coastal Eng. Research
Center; 5201 Little Falls Rd. NW; Washington,
DC 20016, US
PRINCIPAL FIELD: Vegetative foredune construction
and shoreline protection
COMPETENCE: Agronomy(2); Animal Ecology(2);
Aquatic Ecology(3); Horticulture(3);
Limnology(3); Marine Biology(2);
Oceanography(3); Ornithology(1); Plant
Ecology(1); Population Biology(2); Range
Science(1); Systematics(3); Taxonomy(3);
Wildlife Management(1)
EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; State government; Conservation
group; Professional society; COP
EXPERIENCE (AS CONSULTANT): Construction; Mining;
County or city government; Civic action
group; Agriculture
RESEARCH ACTIVITY ONE: Sand stabilization
RESEARCH ACTIVITY TWO: Foredune construction
RESEARCH ACTIVITY THREE: Vegetative shoreline
protection
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (408)
IMPACT ASSESSMENT EXPERIENCE: Soil erosion;
Tailings, spoils disposal; Channelization;
Dredging, filling; Beach nourishment; Coastal
protection/jetties; Shoreline protection;
Fish & Wildlife conservation
GEOGRAPHIC FAMILIARITY (YEARS): Southwest(13);
Middle Atlantic(1); Southeast(1)
AVAILABILITY (DAYS PER MONTH): A,1-4; S,1-4
<801>
Woodhouse, William W., Jr., 1910, PhD, 1948,
Soils, 919-737-2657
Dept. Soil Science; North Carolina State
University; 188 Williams Hall; Raleigh, NC
27607, US
PRINCIPAL FIELD: Grassland Fertility and
Management; Coastal Stabilization; Land
Reclamation; Marsh Building
COMPETENCE: Agronomy(2); Soil Science(1)
EXPERIENCE (AS EMPLOYEE): AID
EXPERIENCE (AS CONSULTANT): Construction; Mining;
County or city government; IBEC; OEEC; USOI;
AID; South American
RESEARCH ACTIVITY ONE: Stabilization and
productive use of dredge spoil
RESEARCH ACTIVITY TWO: Reclamation and
stabilization of dunes on Amelia Island
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3538)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1);
Southeast(28,M); Europe, western(0.5); South
America(0.5)
<802>
Wright, Richard T., 1933, PhD, 1963, Biology,
617-927-2300
Biology Department; Gordon College; Wenham,
MA, US
COMPETENCE: Aquatic Ecology(1); Limnology(2);
Oceanography(3)
EXPERIENCE (AS CONSULTANT): NSP
RESEARCH ACTIVITY ONE: Energy sources of aquatic
heterotrophic bacteria
INTEREST IN WORKING WITH: County or city
government; Local or regional planning group;
State government; Conservation group;
Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences
INRC; AEC; COE; EPA; NSP (461)
IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENL)
GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Northeast(10,M); Europe, western(2)
AVAILABILITY (DAYS PER MONTH): A,3; S,20
<803>
Wright, William R., 1941, PhD, 1972, Soil
Science, 401-792-2494
Department of Plant and Soil Science;
University of Rhode Island; Kingston, RI
02881, US
PRINCIPAL FIELD: Studies Related to Soil Genesis,
Classification, Morphology and Land Use
COMPETENCE: Agronomy; Agricultural Science;
Environmental Pollution(2); Soil Science(1);
Water Resources Management
EXPERIENCE (AS EMPLOYEE): State government
EXPERIENCE (AS CONSULTANT): Manufacturing; World
Bank
RESEARCH ACTIVITY ONE: The Effect of Industrial
Organic Wastes on the Physical and Chemical
Properties of Soils
RESEARCH ACTIVITY TWO: Characterization Study of
Rhode Island Soils
RESEARCH ACTIVITY THREE: Mineralogical Analyses
of Clay Samples
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2073)
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1,M);
Middle Atlantic(6,M)
AVAILABILITY (DAYS PER MONTH): A,2; S,7

<804>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<804>

Wymer, William R., 1920, BS, 1955, Entomology,
301-443-3230
Fed. Working GRP Pest Management;
Environmental Protection Agency; 5600 Fishers
Lane; Rockville, MD 20852, DS

PRINCIPAL FIELD: Pest Management as it relates to
activity of the federal agencies

COMPETENCE: Entomology (1); Marine Biology (3);
Pest Control (2)

EXPERIENCE (AS EMPLOYEE): DOD; EPA; HEW

EXPERIENCE (AS CONSULTANT): South American

RESEARCH ACTIVITY ONE: Categorization of
pesticides used by federal agencies

RESEARCH ACTIVITY TWO: Training objectives & STDS
for federal pest management

RESEARCH ACTIVITY THREE: Occupational exposure to
pesticides

INTEREST IN WORKING WITH: Construction; County or
city government; Local or regional planning
group; State government; International
Organizations; AEC; CC; COE; DOD; EPA; HEW;
HUD; USDI; AID; Central American; South
American (757)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

AVAILABILITY (DAYS PER MONTH): Pacific States (2);
Middle Atlantic (2); Southeast (4); Central
America (9)

<805>

Yentsch, Charles S., 1927, MS, 1953,
Oceanography, 617-281-1930
Marine Science Dept.; University Mass.; Box
128 Lanesville Sta.; Gloucester, MA 01930, US

PRINCIPAL FIELD: Primary productivity in the
marine environment

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): AEC; NSF; AID; Asian

EXPERIENCE (AS CONSULTANT): Construction; County
or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; The Nat'l Academy of
Sciences; United Nations; AID; Asian

RESEARCH ACTIVITY ONE: Productivity - Gulf of
Maine

RESEARCH ACTIVITY TWO: Thermal effect on algae

RESEARCH ACTIVITY THREE: Productivity - Florida
States

INTEREST IN WORKING WITH: Private Sector;
Construction; Local Government; Conservation
or Scientific Group; International
Organizations; United Nations; World Bank;
IUCN; U.S. Federal Government; AID; Other
Governments; Asian; African; Central
American; Canadian; European, eastern;
European, western; South American (1633)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy
conversion/production; Pesticides,
herbicides; Channelization; Dredging,
filling; Beach nourishment; Hydroelectric
power; Water supply; Water quality control;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (4,M); Northeast (14,M); Southeast (3,M);
Asia (1); Europe, western (1)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

<806>

Yentsch, Clarice M., 1942, PhD, 1970, Bio.
Oceanography, 617-281-1930
Marine Science; Univ. of Massachusetts; Box
128 Lanesville Sta.; Gloucester, MA 01930, US

PRINCIPAL FIELD: Primary Productivity in the
Marine Environment

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Construction; County
or city government; Local or regional
planning group; Civic action group;
Conservation group; Asian

RESEARCH ACTIVITY ONE: Productivity - Gulf of
Maine

RESEARCH ACTIVITY TWO: Thermal effect on algae

RESEARCH ACTIVITY THREE: Productivity - Florida
straits

INTEREST IN WORKING WITH: Private Sector;
Construction; Local Government; Conservation
or Scientific Group; International
organizations; United Nations; World Bank;
IUCN; U.S. Federal Government; NSF; AID; DOT;
Other Governments; Asian; African; Central
American; Canadian; European, eastern;
European, western; South American (1897)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling; Water quality control;
Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain (1); North Central (6);
Northeast (2,M); Southeast (5,M); Asia (1)

AVAILABILITY (DAYS PER MONTH): A,10; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<807>

Young, David K., 1937, PhD, 1966, Zoology,
202-387-6571
Oceanography & Limnology; Smithsonian
Institution; 955 L'Enfant Plaza; Washington,
DC 20560, US

PRINCIPAL FIELD: Marine Benthic Ecology

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Biostatistics(3); Environmental
Pollution(3); Limnology(3); Marine
Biology(1); Oceanography(2); Systematics(1);
Systems Analysis(3)

EXPERIENCE (AS CONSULTANT): Conservation group;
The Nat'l Academy of Sciences; COE

RESEARCH ACTIVITY ONE: Cape Cod Bay ecosystem
quantitative analysis

RESEARCH ACTIVITY TWO: Effects of dredging and
dredge spoil disposal

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1400)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling; Beach nourishment; Water
quality control; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4,M);
Middle Atlantic(2,M); Southeast(2);
Hawaii(4,M)

<808>

Zaltzman, Raul, MS, 1964, Civil Engineering
Dept. of Civil Engineering; West Virginia
University; 1036 Village Dr.; Morgantown, WV
26506, US

PRINCIPAL FIELD: Solid waste management

COMPETENCE: Environmental Pollution(1); Systems
Analysis(2); Water Resources Management(1)

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society;
United Nations; World Bank; EPA; HEW; AID

RESEARCH ACTIVITY ONE: Rest area usage

RESEARCH ACTIVITY TWO: Acid and gas production in
sanitary landfills

RESEARCH ACTIVITY THREE: Decomposition of
cellulose

INTEREST IN WORKING WITH: Local Government;
County or city government; Local or regional
planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology(TIE); The National Academy of
Sciences INRC; International Organizations;
U.S. Federal Government; South American
(1944)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Soil erosion;
Tailings, spoils disposal; Water Resource
Development(genl); Water supply; Water
quality control; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Southwest; North
Central; Central America; Canada, eastern;
Canada, western; Canada, northern; South
America

AVAILABILITY (DAYS PER MONTH): A,4; S,4

<809>

Zelley, Robert A., 1944, MA, 1968, Zoology
Brigantine National Wildlife Refuge; Great
Creek Road; Oceanville, NJ 08231, US

PRINCIPAL FIELD: Ethological aspects of animal
behavior with special regard to acoustic
behaviors

COMPETENCE: Agricultural Science(3); Anatomy(3);
Animal Behavior(2); Animal Ecology(3);
Aquatic Ecology(3); Forestry(3);
Environmental Pollution(3); Wildlife
Management(2)

INTEREST IN WORKING WITH: Conservation group;
Professional society; The Institute of
Ecology(TIE); United Nations; World Bank;
USDA; AEC; COE; DOD; EPA; HEW; OST; Asian;
African; Central American; Canadian;
European, eastern; European, western; South
American (143)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(2,M); Northeast(6); Asia(2)

<810>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<810>

Zimolzak, Chester E., 1937, MA, 1964, Geography,
304-293-5603
Geology and Geography; West Virginia
University; Route 8 Box 68; Morgantown, WV
26506, US

PRINCIPAL FIELD: Coal Mining Associated
Pollution, Strip Mining Reclamation and Slope
Stabilization

COMPETENCE: Environmental Pollution(2);
Oceanography(2); Population Biology(2)

EXPERIENCE (AS CONSULTANT): Mining; Civic action
group; Conservation group; Professional
society

RESEARCH ACTIVITY ONE: Cycle of Coal in the
Northern Appalachians

RESEARCH ACTIVITY TWO: Coal Community Abandonment
and Decay

RESEARCH ACTIVITY THREE: Anti Strip Mining
Legislation - Consultation

INTEREST IN WORKING WITH: Manufacturing; Mining;
Transportation; Local Government;
Conservation or Scientific Group; U.S.
Federal Government (2087)

IMPACT ASSESSMENT EXPERIENCE: Soil erosion;
Tailings, spoil disposal; Acid mine drainage
abatement

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5);
Northeast(2); Middle Atlantic; Europe,
western(2)

AVAILABILITY (DAYS PER MONTH): A,3; S,31

<811>

Zoellner, David P., 1940, PhD, 1972,
Environmental Science & Engineering,
203-549-4400
Environmental Science and Management; Center
for the Environment & Man; 275 Windsor St.,
Hartford, CT 06120, US

PRINCIPAL FIELD: Problem analysis and management
solutions in coastal zone resources

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(2); Fishery Biology(2); Environmental
Pollution(1); Limnology(3); Marine
Biology(2); Oceanography(3); Systems
Analysis(3); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): State government; EPA

RESEARCH ACTIVITY ONE: Coastal zone mgt. in
Chesapeake Bay

RESEARCH ACTIVITY TWO: Wetlands on Long Island

RESEARCH ACTIVITY THREE: Industrial wastes

INTEREST IN WORKING WITH: Private Sector; County
or city government; Local or regional
planning group; Conservation or Scientific
Group; International Organizations; USDC; CC;
COR; EPA; HEW; HUD; OSDI; NSF; OST; AID; DOT;
Other Governments (98)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENL); Flood control; Water supply

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(5,M);
Northeast(1,M); Southeast(4)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

<812>

Zubkoff, Paul L., 1934, PhD, 1961, Biochemistry,
703-642-2111
Environmental Physiology; Virginia Institute
of Marine Science; Gloucester Point, VA
23062, US

PRINCIPAL FIELD: Biological & Chemical
interactions in fresh estuarine & coastal
waters

COMPETENCE: Aquatic Ecology(1); Bacteriology(2);
Biochemistry(1); Biophysics(1);
Limnology(1); Chemistry(1); Oceanography(1);
Physiology(2); Radiochemistry(1)

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Plankton Ecology in the
Estuary

RESEARCH ACTIVITY TWO: Heterotrophy on the
continental shelf

RESEARCH ACTIVITY THREE: Neutron Activation
analysis of Lake Sediments

INTEREST IN WORKING WITH: Private Sector;
Manufacturing; Transportation; Utility; Local
Government; County or city government; Local
or regional planning group; State Government;
Civic action group; Conservation group;
Professional society; TIE; The Natl Academy
of Sciences INRC; International
Organizations; AEC; CC; COE; EPA; HEW; HUD;
NSF; OST; Other Government (2401)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Northeast(4); Middle Atlantic(10)

AVAILABILITY (DAYS PER MONTH): A,4; S,4

SECTION I

TABLE 2

INDEX BY COMPETENCE IN ECOSYSTEM MANAGEMENT

TABLE 1
 (B. RESOURCES BY LOCATION)

TABLE 1 (C)

CONNECTICUT

Camp, Worford B., Jr.
 Guttay, A. J. R.
 Lukens, Raymond J.
 Mason, Alan D.

DISTRICT OF COLUMBIA

Hodgson, Harlow J.
 Linduska, Joseph P.
 Moore, Jerry A.
 Robinson, Farrel R.

DELAWARE

Connell, Walter A.

MASSACHUSETTS

Harve, George R.
 Progulskie, Donald R.
 Stuart, Alastair M.
 Weeks, Marvin E.

MARYLAND

Batra, Suzanne W. T.
 Khattar, Radhill H.
 Mias, John L.
 Stoneburner, Daniel L.
 Wesely, Marvin L.

MAINE

Naiden, Peter C.

NORTH CAROLINA

Ruol, Stanley W.
 Clapp Jr., John G.
 Hunter, Arvel H.
 Nelson, Paul V.
 Sanders, Douglas C.
 Woodhouse, William W., Jr.

NEW HAMPSHIRE

Forste, Robert H.

NEW JERSEY

Douglas, Lowell A.
 Dysart, Richard J.

NEW YORK

Poddicker, Major L.
 Roehle, John, Jr.
 Istock, Conrad A.
 Knoll, H. A.
 Murphy, Royse P.
 Olendorf, Richard R.
 Olson, Gerald, W.
 Paulson, Glenn L.
 Pimentel, David
 Root, Richard B.
 Savage, Joseph E.
 Willcox, Henry H., III

PENNSYLVANIA

DiCuollo, John, C.
 Hinish, Wayne W.
 McKee, Guy W.
 Osborne, Thomas S.
 Petersen, Gary W.

RHODE ISLAND

Hull, Richard V.

VIRGINIA

Conroy, John H.
 HincKley, Alden D.

VERMONT

Wood, Glen M.

WEST VIRGINIA

Baniecki, John P.
 Moe, Paul G.
 Smith, Robert L.
 Ulrich, Valentin

ATP POLLUTION

CONNECTICUT

Martens, Christopher S.
 Mason, Alan D.
 Smith, William H.

DISTRICT OF COLUMBIA

Jameson, Robert M.
 Moore, Jerry A.
 Robinson, Farrel R.
 Vile, Richard L.

MASSACHUSETTS

Banks, Oniel H.
 Carr, Jerome B.
 Cephalos, P.

MARYLAND

Pinkham, Carlos P. A.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

AIR POLLUTION
 NORTH CAROLINA
 Cooper, William E., Jr.
 Stolseth, Danny E.
 NEW JERSEY
 Prager, Manfred J.
 NEW YORK
 Cutright, Noel J.
 Eisenbud, Merrill
 Goldstein, Bernard D.
 Jackson, Daniel F.
 Neumaier, Gerhard J.
 Paulson, Glenn L.
 Posmentier, Eric S.
 Wikstrom, Leonard L.
 PENNSYLVANIA
 Chase, Craig C.
 WEST VIRGINIA
 Linsky, Benjamin
 Sears, John T.

ALPINE
 PENNSYLVANIA
 Ghiselin, Jon B.

ANIMAL MALDEVELOPMENT
 MASSACHUSETTS
 Beck, Sidney L.

ANTARCTICA
 VIRGINIA
 Parker, Bruce C.

AQUACULTURAL
 PENNSYLVANIA
 Foster, Neal R.
 MASSACHUSETTS
 Tenore, Kenneth R.
 MAINE
 Ping, Paul D.

BEACH PROCESSES
 NEW YORK
 Ritchie, Gary A.

BIOLOGICAL POLLUTION
 DISTRICT OF COLUMBIA
 Ranks, Richard C.

CHEMICAL POLLUTION
 CONNECTICUT
 Adler, Alan D.
 Baum, Bernard
 Kelley, Roger W., Jr.
 Martens, Christopher S.
 Miner, Dallas D.
 Shaw, David G.
 DISTRICT OF COLUMBIA
 Jenkins, Dale W.
 Jameson, Robert M.
 Keup, Lowell, F.
 Lanza, Guy R.
 Moore, Jerry A.
 Russell, Harold S., Jr.
 Walker, Charles F.
 DELAWARE
 Lipple, Frederick K.
 MASSACHUSETTS
 Banks, Oneil M.
 Beck, Sidney L.
 Carpenter, Edward J.
 Cassista, A. Jon
 Harvey, George P.
 Lazell, Jr., James D.
 MARYLAND
 Morgan, Raymond P.
 Wessel, Carl J.
 NORTH CAROLINA
 Cooper, William E., Jr.
 Hayne, Don W.
 Hunter, Arvel B.
 Stolseth, Danny E.
 NEW JERSEY
 Rikales, Norbert M.
 Prager, Manfred J.
 NEW YORK
 Cardenas, Paul P., Jr.
 Massaro, Edward J.
 Peakall, David B.
 Pimentel, David
 Segal, Alvin

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

CHEMICAL POLLUTION

NEW YORK

Wikstrom, Leonard L. Roman, Michael R.
Willcox, Henry H., III

PENNSYLVANIA

Alden, Jon C.
Chase, Craig C.
Majumdar, Shyamal K.
Nickel, Ross
Sanchez, James R.
Stern, Arthur M.

RHODE ISLAND

Eisler, Ronald

VIRGINIA

Adams, Donald D.
Cairns, Jr., John
Menyhert, William B.
Randall, Clifford W.
Westfield, James D.
Zubkoff, Paul L.

WEST VIRGINIA

Rauch, Henry W.

CLOSED ENVIRONMENTS

PENNSYLVANIA

Koesterer, Martin G.

COASTAL

CONNECTICUT

Bongiorno, Salvatore P.
Cunningham, Denis
Tolderlund, Douglas S.
Zoellner, David R.

DISTRICT OF COLUMBIA

Woodard, Donald W.
Young, David K.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Carpenter, Edward J.
Carr, Jerome B.
Gordon, Bernard L.
Parleman, Donald B.
Hillman, Robert E.
Lazell, Jr., James D.
Litsky, Warren
Moore, Johnes K.
Teal, John M.

MARYLAND

Hughes, Kent H.
Storms, Stephen E.

MAINE

Dean, David
Ring, Paul D.

NORTH CAROLINA

Adams, David A.
Axtell, Richard C.
Cooper, Arthur W.
Dooley, James K.
Lammers, William T.
Reagan, Roland E.

NEW HAMPSHIRE

Hartwell, Allan D.

NEW JERSEY

McDermott, Vincent J.

NEW YORK

Foley, Donald D.
Hemmett, Roland B.
Neumaier, Gerhard J.
Williams, Bolton S.

RHODE ISLAND

Eisler, Ronald
Jeffries, Perry
Nixon, Scott W.
Saila, Saul B.
Sissenwine, Michael P.

VIRGINIA

Boesch, Donald F.
Castiglione, Louis J.
Lynch, Maurice P.
Marshall, Harold G.
Menyhert, William B.
Odum, William P.
Richards, Clarence F.
Webb, Kenneth L.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

COASTAL

VIRGINIA

Zubkoff, Paul L.

WEST VIRGINIA

Rehling, Robert E.

COASTAL, ESTUARINE

CONNECTICUT

Pongiorno, Salvatore P.

Brown, Charles L.

Cunningham, Denis

Miner, Dallas D.

see also below

Natarajan, K.V.

Szechtman, Raphael J.

Tolderlund, Douglas S.

DISTRICT OF COLUMBIA

Aron, William I.

Damkaer, David M.

Grandy, John W., IV

Hayes, Helen L.

Schueler, Robert L.

Wade, Richard A.

Woodard, Donald W.

DELAWARE

Louder, Darrell E.

Meldrim, John W.

Taylor, Malcolm H.

MASSACHUSETTS

Carpenter, Edward J.

Carriker, Melbourne R.

Cole, Charles F.

Culliney, John L.

Davis, John D.

Harleman, Donald R.

Moore, Johnes K.

Old, Warren T. Jr.

Tenore, Kenneth R.

Tiffney, Jr., Wesley N.

Yentsch, Charles S.

see also below

MARYLAND

Andersen, Aven M.

Beal, Kenneth L.

Bender, Edward S.

Cummings, Edmund G.

Cutcher, Joseph J.

Hamilton, Daniel Reyard

Hughes, Kent H.

Morgan, Raymond P.

Pearson, James G.

Peterson, Charles R.

Shearer, Carol A.

Storms, Stephen E.

Wiley, Martin L.

Foerster, John W.

MAINE

Dean, David

Ring, Paul D.

NORTH CAROLINA

Adams, David A.

Baier, Rodger W.

Bellis, Vincent J.

Frame, David W.

Kirby-Smith, William W.

Lammers, William T.

Phillips, Walter E., Jr.

Reagan, Roland P.

Sjolseth, Danny E.

Street, Michael W.

see also below

NEW HAMPSHIRE

Hartwell, Allan D.

Spencer, Larry T.

NEW JERSEY

Dyer, Gloria J.

Good, Ralph E.

McCormick, Jon M.

McDermott, Vincent J.

Milstein, Charles B.

Nadeau, Royal J.

Shanholtzer, Sheryl P.

NEW YORK

Barlow, John P.

Cassin, Joseph M.

Chailer Jr., Jack D.

Foley, Donald D.

Freudenthal, Hugo D.

Hemmett, Roland B.

Iannotti, Eugene L.

Kaczynski, Victor W.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

COASTAL, ESTUARINE

NEW YORK

Liquori, Vincent R.
Lopez, Glenn R.
McHugh, John L.
Stanken, Dennis M.
Tietjen, John W.

PENNSYLVANIA

Cheng, Thomas C.
Bartman, Fred E.
Schuyler, Alfred P.

RHODE ISLAND

Beckers, Jr., Charles V.
Fisler, Ronald
Heppner, Frank H.
Jeffries, Perry
Nixon, Scott W.
Oviatt, Candace A.
Polgar, Tibor T.
Prager, Jan C.
Salla, Saul B.
Sissenwine, Michael P.
Wallace, Jr., Gordon T.

see also below

VIRGINIA

Andrews, Jay D.
Roesch, Donald F.
Castiglione, Louis J.
Lynch, Maurice F.
Menyhert, William R.
Odum, William E.
Perkins, Frank O.
Richards, Clarence E.
Wass, Marvin L.
Webb, Kenneth L.
Zubkoff, Paul L.

WEST VIRGINIA

Rehling, Robert E.

CONNECTICUT

Martens, Christopher S.

DISTRICT OF COLUMBIA

Young, David K.

MASSACHUSETTS

Gordon, Bernard L.
Hillman, Robert E.
Wickerson, Norton H.

MARYLAND

Forster, William O.

NORTH CAROLINA

Hobbie, John E.
Tyus, Harold M.

NEW YORK

Gold, Kenneth

PENNSYLVANIA

Foster, Neal P.
Glaser, Edward, R.

RHODE ISLAND

Cook, David O.
Cox, Geraldine V.
Drvfoos, Robert L.

VIRGINIA

Adams, Donald D.
Birdsong, Ray S.
Marshall, Harold G.
Virnstein, Robert W.

COASTAL, MARSHLAND

CONNECTICUT

Bonfigliorno, Salvatore F.
Cunningham, Denis
Miner, Dallas D.

DISTRICT OF COLUMBIA

Coggeshall, Dale T.
Grandy, John W., IV
Woodard, Donald W.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Carriker, Melbourne R.
Lazell, Jr., James D.
Moore, Johnes K.

APPENDIX 2 CONSERVATION ECOSYSTEMS PROGRAM
(BY RESPONDENT'S LOCATION)

COASTAL, ESTUARINE
MASSACHUSETTS

Nickerson, Norton H.
Old, Warren T. Jr.
Ruber, Ernest
Teal, John M.
Teal, John M.
Tiffney, Jr., Wesley N. Tonnore, Kenneth R.
Yentsch, Charles S.

MARYLAND

Andrews, Ralph
Beal, Kenneth L.
Catcher, Joseph J.
Foerster, John W.
Heaton, James G.
Shearer, Carol A.
Sipple, William S.

MAINE

Ring, Paul D.

NORTH CAROLINA

Adams, David A.
Axtell, Richard C.
Bellis, Vincent J.
Cooper, Arthur W.
Firty-Smith, William W.
Kuenzler, Edward J.
Lammers, William T.
Farnell, James F.
Reagan, Roland E.

NEW HAMPSHIRE

Hartwell, Allan D.
Spencer, Larry T.

NEW JERSEY

Ferrigno, Fred
Good, Ralph P.
Madeau, Royal J.
Shanholtzer, Sheryl E.

NEW YORK

Cassin, Joseph M.
Chailer Jr., Jack D.
Chamberlain, James L.
Foley, Donald D.
Foley, Donald D.
Freudenthal, Hugo D.
Iannotti, Eugene L.
Jamnback, Hugo A.
Lopez, Glenn R.
Neumaier, Gerhard J.
Spagnoli, John J.
Stalter, Richard
Tietjen, John H.
Williams, Bolton S.

PENNSYLVANIA

Hartman, Fred E.
Schuyler, Alfred F.

RHODE ISLAND

Eisler, Ronald
Halvorson, William L. Heppner, Frank H.
Nixon, Scott W.
Oviatt, Candace A.

VIRGINIA

Castiglione, Louis J.
Harvill, Alton M.
Kelly, Mahlon G.
Menyhert, William R.
Oden, William E.
Ferkins, Frank O.
Wass, Marvin L.

WEST VIRGINIA

Rehling, Robert E.

COMMUNITY STRUCTURE

MARYLAND

Cooper, John E.

CONSERVATION

MASSACHUSETTS

Nickerson, Norton H.

CONSERVATION-ENVIRONMENTALISTS ECOSYSTEMS

DISTRICT OF COLUMBIA

Ray, Keith G.

CORAL REEF

CONNECTICUT

Porter, James W.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

DESERT

CONNECTICUT
Mason, Alan D.
Smith, Dwight G.

DISTRICT OF COLUMBIA
Bushman, John B.

DELAWARE
Hubbard, John P.

MASSACHUSETTS
Johnson, James E.
Taylor, C. Richard

MARYLAND
Ratra, Suzanne W.T.
Cutcher, Joseph J.
Khattat, Fadhil H.

NORTH CAROLINA
Banks, Roger L.
Ruol, Stanley W.
Cooper, William E., Jr.
Strain, Boyd P.

NEW JERSEY
Douglas, Lowell A.

NEW YORK
Pates, David M.
Roddicker, Major L.
Chaplin, Stephen J.
Olson, Gerald, W.
Pough, P. Harvey
Thomas, David R.
Tramontano, John P.

PENNSYLVANIA
Perner, John W.
Ghiselin, Jon B.
McCoy, Clarence J.

RHODE ISLAND
Halvorson, William L.

VIRGINIA
Nyquist, David

VERMONT
Horst, G. Roy

WEST VIRGINIA
Ozmina, David J.

DESIGN & OPERATION OF MODEL ECOSYSTEMS

NEW JERSEY
Brown, Thomas E.

DREDGING IMPACTS

NEW YORK
Pitchie, Gary A.

ECOSYSTEMS WITH AQUATIC VEGETATION PROBLEMS

DISTRICT OF COLUMBIA
Walker, Charles R.

ENERGY FLOWS

CONNECTICUT
Adler, Alan D.

DISTRICT OF COLUMBIA
Davis, William Price
Kelly, Robert H.
Moore, Jerry A.
Wade, Richard L.
Walker, Charles R.

MASSACHUSETTS
Cox, James L.
Davis, John D.
Moore, Johnes K.
Smith, Kenneth L., Jr.
Teal, John M.
Tenore, Kenneth R.
Tiffney, Jr., Wesley N.
Wright, Richard T.

MARYLAND
Foerster, John W.
Stoneburner, Daniel L.
Storms, Stephen E.

NORTH CAROLINA
Cooper, Arthur W.
Cooper, William E., Jr.
Frame, David W.
Hobbie, John P.
Johnson, Harrel B.
Melack, John M.
Reagan, Roland E.
Sanders, Douglas C.
Stephenson, Don W.

NEW HAMPSHIRE
Pederer, C. Anthony

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

ENERGY FLOWS

NEW HAMPSHIRE

Mautz, William W.

NEW JERSEY

McCormick, Jon M.

Shanholtzer, Sheryl P.

NEW YORK

Craul, Phillip J.

Dudzinski, Diane M.

Frickson, James M.

Gehris, Clarence W.

Kaczynski, Victor W.

Lopez, Glenn R.

Olendorff, Richard R.

Paulson, Glenn L.

Tate, James

Williams, Bolton S.

PENNSYLVANIA

Chase, Craig C.

Graybill, Donald I.

Henshaw, Robert E.

Keefer, Scott D.

McKee, Guy W.

Southwick, Edward E.

Stern, Arthur M.

Walker, William H.

RHODE ISLAND

Nixon, Scott W.

Sissenwine, Michael P.

VIRGINIA

Blem, Charles R.

Hornberger, George M.

Slocomb, John P.

Zubkoff, Paul L.

WEST VIRGINIA

Baillie, Richard C.

De Costa, John J.

Lee, Richard

Sturges, Franklin W.

EVALUATING

VIRGINIA

Conroy, John H.

EXTENSION EDUCATION

VIRGINIA

Almand, James D.

FARM PONDS AND ARTIFICIAL ENVIRONMENT

DISTRICT OF COLUMBIA

Walker, Charles R.

FISHERIES

CONNECTICUT

Marcy, Barton C.

Mason, Alan D.

Steinmetz, Charles Jr.

Tolderlund, Douglas S.

DISTRICT OF COLUMBIA

Davis, William Price

Goodyear, Richard H.

Hollingshead, Kenneth R.

Keup, Lowell, P.

Moore, Jerry A.

Scattergood, Leslie W.

Schueler, Robert L.

Walker, Charles R.

DELAWARE

Louder, Darrell E.

Meldrim, John W.

MASSACHUSETTS

Cole, Charles F.

Gordon, Bernard L.

Hillman, Robert E.

Johnson, James E.

Parrack, Michael L.

Rideout, Stephen G.

Spaulding, Willard M., Jr.

MARYLAND

Andersen, Aven M.

Beal, Kenneth L.

Cutcher, Joseph J.

Foerster, John W.

Morgan, Raymond P.

Wiley, Martin L.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FISHERIES

MAINE

Anthony, Vaughn C.
Bourque, Peter H.
Flagg, Lewis W.
Gregory, Richard W.
Ring, Paul D.

NORTH CAROLINA

Baker, W. Donald
Birchfield, Larry J.
Burton, Gerald L.
Prame, David W.
Kroger, Richard L.
Mason, Robert E.
Stolseth, Danny E.
Street, Michael W.
Tarpsee, William H., Jr.
Tyus, Harold M.

NEW HAMPSHIRE

Patrick, David K.

NEW JERSEY

Hastings, Robert W.
Jones, Walter A.

NEW YORK

Culp, Terry R.
Engel, Ronald A.
Fairchild, Robert P.
Forney, John L.
Green, David M.
Hemmett, Roland B.
Hutchinson, Brendan P.
Liguori, Vincent F.
Massaro, Edward J.
McHugh, John L.
Wilkins, Bruce T.
Williams, Bolton S.

PENNSYLVANIA

Alden, Jon C.
Cheng, Thomas C.
Cooper, Edwin L.
Denoncourt, Robert F.
Foote, Peter S.
Groutage, Thomas M.
Haase, Bruce L.
Hayden, Robert P.
McDaniel, Michael D.
Poe, Thomas P.
Rosinski, Robert J.
Walker, William M.

RHODE ISLAND

Dryfoos, Robert L.
Eisler, Ronald
Saila, Saul B.
Sissenwine, Michael P.

VIRGINIA

Andrews, Jay D.
Bailey, Randy E.
Bryson, William T.
Nyquist, David
Odum, William F.
Pierce, Phillip C.
Prosser, Norville S.
Richards, Clarence P.
Schreck, Carl B.

WEST VIRGINIA

Fuchs, Everett H.
Gasper, Donald C.
Jernejcic, Frank A.
Nelson, Charles W.
Ozmina, David J.

FORECASTING

DISTRICT OF COLUMBIA

Felly, Robert H.
Leighton, Donald F.

MASSACHUSETTS

Adrian, Donald D.
Carr, Jerome P.
Dillingham, James R.

Harleman, Donald F.
Moore, Stephen P.

MARYLAND

Stoneburner, Daniel L.

MAINE

Anthony, Vaughn C.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FORECASTING

NORTH CAROLINA

Cooper, William E., Jr.
Wheeler, Garland L.

NEW HAMPSHIRE

Forste, Robert H.

NEW YORK

Chapple, Eliot D.
Foley, Donald D.
Little Jr., Frank J.
Posmentier, Eric S.

PENNSYLVANIA

Johnson, Andrew L.

RHODE ISLAND

Nixon, Scott W.
Polgar, Tibor T.
Sissenwine, Michael P.

VIRGINIA

Dowling, Paul Bruce
Giles, Robert R., Jr.

WEST VIRGINIA

Raug, Peter T.

FORECASTING, PLANT DISEASE

NEW YORK

Cutright, Noel J.

FOREST-GRASSLAND ECOTONE

NEW YORK

Forbes, James E.

FOREST, CONIFEROUS

CONNECTICUT

Damman, Antoni W.
Mitchell, Kenneth J.
Smith, William R.

DISTRICT OF COLUMBIA

Rushman, John B.
Fwenden, Fred G.
LaBastille, Anne
Little, Elbert L., Jr.
Moore, Jerry A.

DELAWARE

Rubbard, John P.

MASSACHUSETTS

Clark, Janet I.
Coppinger, Raymond P.
Stuart, Alastair M.
Tiffney, Jr., Wesley N.

MARYLAND

Batra, Suzanne W.T.
Stoneburner, Daniel L.

MAINE

Schemnitz, Sanford D.

NORTH CAROLINA

Cherry, Solomon T. Jr.
Cooper, William E., Jr.
Davey, Charles B.
Mason, Robert E.
Namkoong, Gene
Ralston, Charles W.

NEW HAMPSHIRE

Ford, Robert P.
Leonard, Raymond E.
Patrick, David K.

NEW JERSEY

Stout, Benjamin B.

NEW YORK

Barton, James D., Jr.
Craul, Phillip J.
De Laubenfels, David J.
Kessell, Stephen R.
Peet, Robert K.
Ritchie, Gary A.
Simeone, John B.
Sperling, Jon A.
Stone Jr., Earl L.
Webb, William L.
Willcox, Henry R., III

PENNSYLVANIA

Shiner, James W.
Smith, Bruce R.
Ward, Wilber W.

VIRGINIA

Cliff, Edward P.

TABLE 2 - COMPETENCY IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FOREST, CONIFEROUS

VIRGINIA

Giles, Robert H., Jr.
Harlow, Richard P.
Kelly, Mahlon G.
Lemmon, Paul E.
Rohde, Wayne G.
Waters, William P.

WEST VIRGINIA

Kutscheid, Ben E.
Lee, Richard
Moe, Paul G.
Schulz, Arnold F.
Wiant, Harry V., Jr.

FOREST, DECIDUOUS

CONNECTICUT

Damman, Antoni W.
Smith, William H.

DISTRICT OF COLUMBIA

Evenden, Fred T.
Jenkins, Dale W.
LaBastille, Anne
Little, Elbert L., Jr.
Moore, Jerry A.
Post, Boyd W.

DELAWARE

Dill, Norman H.

MASSACHUSETTS

Coppinger, Raymond P.
Kricher, John C.
Stuart, Alastair M.
Tiffney, Jr., Wesley N.

MARYLAND

Batra, Suzanne W.T.
Brown, Russell C.
Stoneburner, Daniel L.

NORTH CAROLINA

Cherry, Solomon T. Jr.
Cooper, Arthur W.
Cooper, William E., Jr.
Davey, Charles B.
DuMont, David M.
Mason, Robert E.

NEW HAMPSHIRE

Federer, C. Anthony
Ford, Robert P.
Mautz, William W.
Patrick, David K.

NEW JERSEY

Forman, Richard T.T.
Good, Ralph E.
Griffo, James V.
Stout, Benjamin R.

NEW YORK

Barton, James D., Jr.
Craul, Phillip J.
Dalglish, Robert C. Cutright, Noel J.
Foley, Donald D.
Forbes, James F.
Gehris, Clarence W.
Geis, James W.
Kessell, Stephen R.
LaRoche, Germain E.
Likens, Gene E.
Peet, Robert K.
Ritchie, Gary A.
Root, Richard B.
Simeone, John B.
Sperling, Jon A.
Stone Jr., Earl L.
Webb, William L.
Willcox, Henry H., III

PENNSYLVANIA

Chase, Craig C.
Ball, Russell J.
Nutnik, Russell J.
Johnson, Andrew L.
Shiner, James W.
Smith, Bruce B. Reed, Larry W.
Covner, Donald B.
Ward, William N.
Wood, Gene W.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FOREST, TEMPERATE	
VIRGINIA	
	Blen, Charles F.
	Byrne, John M.
	Clark, William T.
	Cliff, Edward P.
	Crawford, Hewlette S.
	Damalas, Andinos P.
	Dowling, Paul Bruce
	Gemborys, Stanley R.
	Giles, Robert H., Jr.
	Hanavalt, Ronald B.
	Harlow, Richard F.
	Harvill, Alton M.
	Hooper, Robert G.
	Kelly, Mahlon G.
	Lemmon, Paul E.
	Rohde, Wayne G.
	Waters, William E.
VERMONT	
	Villamil, Richard J.
WEST VIRGINIA	
	Bradshaw, William N.
	Clarkson, Roy B.
	Kutscheid, Ben P.
	Lee, Richard
	Michael, Edwin D.
	Moe, Paul G.
	Schulz, Arnold F.
	Smith, Robert L.
	Swan, Frederick R., Jr.
	Wiant, Harry V., Jr.
NEW YORK	
	Cutright, Noel J.
FORESTS	
CONNECTICUT	
	Damman, Antoni W.
	Mason, Alan D.
	Mitchell, Kenneth J.
	Smith, David M.
	Smith, William H.
DISTRICT OF COLUMBIA	
	Jenkins, Dale W.
	Post, Boyd W.
MASSACHUSETTS	
	Old, Warren T. Jr.
MARYLAND	
	Batra, Suzanne W.T.
	Stoneburner, Daniel L.
NORTH CAROLINA	
	Cherry, Solomon T. Jr.
	Davey, Charles B.
	Johnson, Harrel B.
	Namkoong, Gene
	Perry, Thomas O.
	Ralston, Charles W.
	Sjolseth, Danny E.
	Wheeler, Garland L.
NEW HAMPSHIRE	
	Federer, C. Anthony
	Ford, Robert P.
	Mautz, William W.
	Patrick, David K.
NEW JERSEY	
	Stout, Benjamin B.
NEW YORK	
	Craul, Phillip J.
	Forbes, James E.
	Geis, James W.
	Kessell, Stephen F.
	Neumaier, Gerhard J.
	Ritchie, Gary A.
	Simeone, John R.
	Stone Jr., Earl L.
	Tate, James
	Webb, William L.
	Willcox, Henry H., III
PENNSYLVANIA	
	Hutnik, Russell J.
	Shiner, James W.
	Smith, Bruce B.
	Ward, Wilber W.
	Wood, Gene W.
RHODE ISLAND	
	Halvorson, William L.

Coopey Arthur W.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FORESTS

VIRGINIA

Cliff, Edward P.
Crawford, Rewlette S.
Giles, Robert R., Jr.
Harlow, Richard F.
Harvill, Alton M.
Hinckley, Alden D.
Hooper, Robert G.
Lemmon, Paul E.
Rohde, Wayne G.
Waters, William P.

WEST VIRGINIA

Clarkson, Roy B.
Kutscheid, Ben B.
Lee, Richard
Schulz, Arnold F.
Swan, Frederick R., Jr.
Wiant, Harry V., Jr.

FRESH WATER SWAMP

NORTH CAROLINA

Tarplee, William H., Jr.

FRESH WATER, LAKE

CONNECTICUT

Christensen, Sigurd W.
Mason, Alan D.
Porter, Karen J.
Smith, Dwight G.
Steinmetz, Charles Jr.

DISTRICT OF COLUMBIA

Goodyear, Richard R.
Grandy, John W., IV
Greeson, Phillip E.
Hufford, Terry L.
Jenkins, Dale W.
Keup, Lowell, F.
Moore, Jerry A.
Riley, David F.
Walker, Charles R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Rowen, Vaughan T.
Burk, Carl J.
Camougis, George
Harleman, Donald R.
Hecky, Robert E.
Johnson, James E.
Litsky, Warren
Mozgala, Walter J.
Neves, Richard J.
Parrack, Michael L.
Rho, Jinnque
Rideout, Stephen G.
Soukup, Michael A.
Stuart, Alastair M.
Wright, Richard T.
Yentsch, Charles S.

MARYLAND

Foerster, John W.
Gurtz, Martin E.
Hamilton, Daniel Revward
Stoneburner, Daniel L.

MAINE

Bourque, Peter E.

NORTH CAROLINA

Baier, Rodger W.
Baker, W. Donald
Bellis, Vincent J.
Birchfield, Larry J.
Cannon, Robert E.
Clausz, John C.
Cooper, William E., Jr.
Hobbie, John E.
Johnson, Hatrel B.
Lammers, William T.
Mason, Robert E.
Melack, John M.
Pfaender, Frederic K.
Stolseth, Danny E.
Starn, Robert H.
Weiss, Charles M.

NEW JERSEY

Douglas, Lowell A.
Jones, Walter A.

NEW HAMPSHIRE

Baker, Allan

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FRESH WATER, LAKE
 NEW YORK
 Parans, Charles A.
 Culp, Terry R.
 Dudzinski, Diane M.
 Ehrlich, Henry L.
 Engel, Ronald A.
 Fairchild Robert P.
 Foley, Donald D.
 Forney, John L.
 Green, David M.
 Remmett, Roland B.
 Hutchinson, Brendan P.
 Istock, Conrad A.
 Jackson, Daniel P.
 Judd, John R.
 Kaczynski, Victor W.
 Likens, Gene E.
 Little Jr., Frank J.
 Marcus, Bernard A.
 Massaro, Edward J.
 McKay, Francis E.
 Neumaier, Gerhard J.
 Paulson, Glenn I.
 Schunacher, George J.
 Smith, Stephen F.
 Werner, Robert G.
 Wikstrom, Leonard L.
 Williams, Polton S.

PENNSYLVANIA
 Alden, Jon C.
 Arnold, Dean E.
 Pardarik, Daniel G.
 Browne, Francis X.
 Cooper, Edwin L.
 Groutage, Thomas M.
 Haase, Bruce L.
 Hartman, Richard T.
 Hayden, Robert P.
 Jeffers, Edmund E.
 McDaniel, Michael D.
 Moore, John R.
 Poe, Thomas P.
 Roscinski, Robert J.
 Schuyler, Alfred F.
 Sherbine, K. Bruce
 Walker, William R.

RHODE ISLAND
 Cox, Geraldine V.

VIRGINIA
 Bishop, John W.
 Castiglione, Louis J.
 Dickson, Kenneth L.
 Hocutt, Charles H.
 Menyhert, William R.
 Nyquist, David
 Parker, Bruce C.
 Paterson, Robert A.
 Fierce, Phillip C.
 Prosser, Norville S.
 Slocomb, John P.
 Westfield, James D.
 Zubkoff, Paul L.

VERMONT
 Jewell, William J.

WEST VIRGINIA
 De Costa, John J.
 Puchs, Everett R.
 Gasper, Donald C.
 Jernejcic, Frank A.
 Nelson, Charles W.

FRESH WATER, MARSH
 PENNSYLVANIA
 Barnett, L. Bruce

NEW YORK
 Vandruff, Larry W.

FRESH WATER, RIVER
 CONNECTICUT
 Edwards, Stephen J.
 Klattenberg, Ronald P.
 Mason, Alan D.

DISTRICT OF COLUMBIA
 Greeson, Phillip E.
 Keup, Lowell, P.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FRESH WATER, RIVER

DISTRICT OF COLUMBIA
Lanza, Guy R. Hufford, Terry L.
Moore, Jerry A.
Packer, Randall K.
Riley, David P.
Walker, Charles R.

DELAWARE
Louder, Darrell E.
Meldrim, John W.

MASSACHUSETTS
Burk, Carl J.
Camougis, George
Harleman, Donald R.
Johnson, James E.
Litsky, Warren
Parrack, Michael L.
Rideout, Stephen G.
Soukup, Michael A.
Stuart, Alastair M.
Yentsch, Charles S.

MARYLAND
Allan, J. David
Beal, Kenneth L.
Poerster, John W.
Gurtz, Martin E.
Khattat, Padhill H.
Pearson, James G.
Shearer, Carol A.
Stoneburner, Daniel L.

MAINE
Bourque, Peter M.

NORTH CAROLINA
Baker, W. Donald
Bellis, Vincent J.
Bitchfield, Larry J.
Burton, Gerald L.
Cannon, Robert E.
Cooper, William E., Jr.
Rowells, David H.
Kroger, Richard L.
Lammers, William T.
Mason, Robert P.
Melack, John M.
Nelson, Paul V.
Sjolseth, Danny E.
Weiss, Charles M.

NEW HAMPSHIRE
Forste, Robert H.
Spencer, Larry T.

NEW JERSEY
Douglas, Lowell A.

NEW YORK
Chailer Jr., Jack D.
Culp, Terry R.
Dudzinski, Diane M.
Engel, Ronald A.
Foley, Donald D.
Fuhs, G.W.
Hemmett, Roland B.
Istock, Conrad A.
Jackson, Daniel P.
Kaczynski, Victor W.
Likens, Gene E.
Magorian, Thomas R.
Massaro, Edward J.
McKay, Francis E.
Paulson, Glenn L.
RehvoIdt, Robert E.
Schumacher, George J.
Sperling, Jon A.
Werner, Robert G.
Wikstrom, Leonard L.

PENNSYLVANIA
Alden, Jon C.
Bardarik, Daniel G.
Cooper, Edwin L.
Denoncourt, Robert P.
Foote, Peter S.
Poster, Neal R.
Groutage, Thomas M.
Raase, Bruce L.
Hartman, Richard T.
Hayden, Robert P.
Hendrix, Sherman S.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FRESH WATER, RIVER

PENNSYLVANIA

Jeffers, Edmund E.
Larson, Richard A.
McDaniel, Michael D.
Poe, Thomas P.
Rosinski, Robert J.
Scherer, Robert C.
Schuyler, Alfred F.
Sherbine, K. Bruce
Walker, William R.

RHODE ISLAND

Reckers, Jr., Charles V.

VIRGINIA

Bryson, William T.
Cairns, Jr., John
Castiglione, Louis J.
Dickson, Kenneth L.
Griffith, Roger B.
Rocutt, Charles B.
Menyhert, William R.
Nyquist, David
Pierce, Phillip C.
Prosser, Norville S.
Slocumb, John P.
Westfield, James D.

VERMONT

Jewell, William J.

WEST VIRGINIA

Fuchs, Everett H.
Gasper, Donald C.
Jernejcic, Frank A.
Keller, Edward C. Jr.
Nelson, Charles W.

FRESH WATER, WETLAND

RHODE ISLAND

Golet, Frank C.

FRESHWATER WETLANDS

MASSACHUSETTS

Larson, Joseph S.

FRESHWATER, STREAM, MARSH

PENNSYLVANIA

Poster, Neal R.

GRASSLAND

CONNECTICUT

Camp, Wofford B., Jr.

DISTRICT OF COLUMBIA

Busack, Stephen D.
Evenden, Fred G.
Moore, Jerry A.
Woodard, Donald W.

MASSACHUSETTS

Satterwhite, Melvin B.

MARYLAND

Stoneburner, Daniel L.

NEW HAMPSHIRE

Francq, Edward N.

NEW YORK

Boddicker, Major L.
Cutright, Noel J.
Foley, Donald D.
Goodland, Robert J.
Olendorff, Richard R.
Pimentel, David
Tramontano, John P.

PENNSYLVANIA

Chase, Craig C.
Clark, Richard J.
Hall, Russell J.
Heiney, Clayton L.

WEST VIRGINIA

Bradshaw, William N.
Moe, Paul G.
Parks, John M.

GREENHOUSES

MARYLAND

Webb, Ralph E.

HEAVY METAL POLL.

DISTRICT OF COLUMBIA

Grandy, John W., IV

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

HISTORIC HOUSE MUSEA
VIRGINIA
Shackelford, George G.

INVERTEBRATE ZOOLOGY
DISTRICT OF COLUMBIA
Ranta, William C.

KARST
WEST VIRGINIA
Rauch, Henry W.

LAND USE DESIGN
MASSACHUSETTS
Carr, Jerome B.
Gorden, Morton

MARYLAND
Lees, Aldridge L., Jr.

MAINE
Naiden, Peter C.

NORTH CAROLINA
Adams, David A.
Ruol, Stanley W.
Stephenson, Don W.

NEW HAMPSHIRE
Patrick, David K.

NEW YORK
Chapple, Eliot D.
Goodland, Robert J.
Magorian, Thomas R.
Tramontano, John P.

PENNSYLVANIA
Johnson, Andrew L.
Keefer, Scott D.
Petersen, Gary W.

RHODE ISLAND
Wright, William R.

VIRGINIA
Dowling, Paul Bruce
Fohde, Wayne G.

VERMONT
Farrar, Richard B.
Villamil, Richard J.

WEST VIRGINIA
Kutscheid, Ben B.

DISTRICT OF COLUMBIA
Riley, David P.

LAND POLLUTION
CONNECTICUT
Camp, Wofford B., Jr.
Damman, Antoni W.

DISTRICT OF COLUMBIA
Riley, David P.

MASSACHUSETTS
Carr, Jerome B.
Old, Warren T. Jr.
Satterwhite, Melvin B.

MARYLAND
Pinkham, Carlos P.A.

NORTH CAROLINA
Adams, David A.
Ruol, Stanley W.
Cooper, William E., Jr.
Davey, Charles B.
Dumond, David M.
Stolseth, Danny E.
Stephenson, Don W.

NEW HAMPSHIRE
Patrick, David K.

NEW JERSEY
Douglas, Lowell A.
Jones, Walter A.

NEW YORK
Cutright, Noel J.
Gehris, Clarence W.
Geis, James W.
Jackson, Daniel P.
Magorian, Thomas R.
Olson, Gerald, W.
Ritchie, Gary A.
Tramontano, John P.
Wikstrom, Leonard L.
Willcox, Henry H., III

PENNSYLVANIA
Chase, Craig C.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

LAND POLLUTION

PENNSYLVANIA

Henshaw, Robert E.
Hinish, Wayne W.
Bussey, George A., Jr.
Hutnik, Russell J.
Keefer, Scott D.
McKee, Guy W.
Petersen, Gary W.
Ward, Wilber W.
Wood, Gene W.

RHODE ISLAND

Wright, William R.

VIRGINIA

Dowling, Paul Bruce
Lemmon, Paul E.
Weber, Richard S.
Westfield, James D.

VERMONT

Villamil, Richard J.

WEST VIRGINIA

Rehling, Robert E.
Kutscheid, Ben B.
Moe, Paul G.
Ozmina, David J.

MARINE, CONTINENTAL SHELF

CONNECTICUT

Cunningham, Denis
Martens, Christopher S.

DISTRICT OF COLUMBIA

Ranta, William C.
Damkaer, David M.
Davis, William Price
Goodyear, Richard H.
Hayes, Helen L.
Hollingshead, Kenneth R.
Marmelstein, Allan D.
Young, David K.

MASSACHUSETTS

Carpenter, Edward J.
Coull, Bruce C.
Cox, James L.
Harvey, George R.
Kellogg, Charles W.
Rowe, Gilbert T.
Yentsch, Charles S.
Yentsch, Clarice M.

MARYLAND

Cummings, Edmund G.

NORTH CAROLINA

Johnson, Barrel B.
Reagan, Roland E.
Starn, Robert H.

NEW HAMPSHIRE

Hartwell, Allan D.

NEW JERSEY

Hastings, Robert W.
McCormick, Jon M.
McDermott, Vincent J.
Milstein, Charles E.

NEW YORK

Cassin, Joseph M.
Iguori, Vincent R.
Roman, Micheal R.
Tietten, John H.
Williams, Bolton S.

RHODE ISLAND

Beckers, Jr., Charles V.
Cook, David O.
Dryfoos, Robert L.
Sissenwine, Michael P.

VIRGINIA

Birdsong, Ray S.
Castiglione, Louis J.
Grant, George C.
Marshall, Harold G.
Menyhert, William R.
Richards, Clarence E.
Zubkoff, Paul L.

DELAWARE

Lepple, Frederick K.

TABLE 2 COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MARINE, CONTINENTAL SHELF
WEST VIRGINIA
Buchanan, Hugh

MARINE, GENERAL
CONNECTICUT
Brown, Charles L.
Puck, John D.
Martens, Christopher S.
Natarajan, K.V.

DISTRICT OF COLUMBIA
Aron, William I.
Davis, William Price
Goodyear, Richard H.
Hayes, Helen L.
Hollinshead, Kenneth R.
Scattergood, Leslie W.
Wheatley, James R.
Young, David K.

DELAWARE
Lepple, Frederick K.

MASSACHUSETTS
Bowen, Vaughan T.
Carpenter, Edward J.
Carriker, Melbourne R.
Clarke, George L.
Gordon, Bernard L.
Hillman, Robert E.
Kellogg, Charles W.
Moore, Johnes K.
Rowe, Gilbert T.
Smith, Kenneth L., Jr.
Teal, John M.
Tenore, Kenneth R.
Yentsch, Charles S.
Yentsch, Clarice M.

MARYLAND
Real, Kenneth L.
Foerster, John W.
Hughes, Kent H.
Morgan, Raymond P.

MAINE
Flagg, Lewis N.

NORTH CAROLINA
Frame, David W.
Kirby-Smith, William W.
Lammers, William T.
Lyman, John
Lynts, George W.
Reagan, Roland E.
Stolseth, Danny E.

NEW HAMPSHIRE
Spencer, Larry T.

NEW JERSEY
Litchfield, Carol D.
McCormick, Jon M.
McDermott, Vincent J.

NEW YORK
Cassin, Joseph M.
Dudzinski, Diane M.
Freudenthal, Rugo D.
Gold, Kenneth
Liquori, Vincent R.
Little Jr., Frank J.
Sperling, Jon A.
Tietjen, John R.

PENNSYLVANIA
Cheng, Thomas C.

RHODE ISLAND
Eisler, Ronald
Nixon, Scott W.
Sissenwine, Michael P.

VIRGINIA
Adams, Donald D.
Roesch, Donald P.
Castiglione, Louis J.
Lynch, Maurice P.
Marshall, Harold G.
Menyhert, William B.

MARINE, INTERTIDAL
CONNECTICUT
Puck, John D.
Cunningham, Denis
Miner, Dallas D.

DISTRICT OF COLUMBIA
Panta, William C.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MARINE, INTERTIDAL	
DISTRICT OF COLUMBIA	
	Hayes, Helen L.
	Wade, Richard A.
	Woodard, Donald W.
MASSACHUSETTS	
	Carriker, Melbourne R.
	Davis, John D.
	Gordon, Bernard L.
	Hillman, Robert E.
	Kellogg, Charles W.
	Litsky, Warren
	Moore, Johnes K.
	Old, Warren T. Jr.
	Rowe, Gilbert T.
	Spaulding, Willard M., Jr.
	West, Arthur J.
	Yentsch, Charles S.
	Yentsch, Clarice M.
MARYLAND	
	Andersen, Aven M.
	Real, Kenneth L.
	Pender, Edward S.
	Peterson, Charles H.
MAINE	
	Jordan, Arthur J.
	Major, Charles W.
	Ring, Paul D.
NORTH CAROLINA	
	Kirby-Smith, William W.
	Lammers, William T.
	Stolseth, Danny E.
	Reagan, Roland E.
NEW HAMPSHIRE	
	Crocker, Robert A.
	Hartwell, Allan D.
NEW JERSEY	
	Dyer, Gloria J.
	Hamby, Robert J.
	Litchfield, Carol D.
	McCormick, Jon M.
	Milstein, Charles B.
NEW YORK	
	Cassin, Joseph M.
	Dudzinski, Diane M.
	Freudenthal, Hugo D.
	Liquori, Vincent P.
	Spagnoli, John J.
	Sperling, Jon A.
	Stainken, Dennis M.
	Tietjen, John H.
	Williams, Bolton S.
PENNSYLVANIA	
	Cheng, Thomas C.
	Foster, Neal F.
	Voris, Harold K.
RHODE ISLAND	
	Cook, David O.
	Fisler, Donald
	Nixon, Scott W.
	Villalard-Bohnsack, Martine L.
VIRGINIA	
	Biffar, Thomas A.
	Birdsong, Ray S.
	Castiglione, Louis J.
	Marshall, Harold G.
	Menyhert, William R.
	Perkins, Frank O.
	Richards, Clarence E.
	Wood, Langley H.
	Zuhkoff, Paul L.
VERMONT	
	Wodehouse, Dora E.
MARINE, OPEN OCEAN	
CONNECTICUT	
	Natarajan, K.V.
DISTRICT OF COLUMBIA	
	Aron, William I.
	Dankaer, David M.
	Goodyear, Richard H.
	Hollingshead, Kenneth F.
	Marmelstein, Allan D.
DELAWARE	
	Lepple, Frederick K.
MASSACHUSETTS	
	Rowen, Vaughan T.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MARINE, OPEN OCEAN
 MASSACHUSETTS
 Carpenter, Edward J.
 Coull, Bruce C.
 Cox, James L.
 Harvey, George R.
 Hecky, Robert E.
 Rowe, Gilbert T.
 Smith, Kenneth L., Jr.
 Teal, John M.
 Yentsch, Charles S.
 Yentsch, Clarice M.

MARYLAND
 Foerster, John W.

NORTH CAROLINA
 Dooley, James K.
 Johnson, Harrel B.
 Reagan, Roland E.
 Sjolseth, Danny E.

NEW HAMPSHIRE
 Wheeler, Ellsworth H.

NEW JERSEY
 McCormick, Jon M.

NEW YORK
 Cassin, Joseph M.
 Ehrlich, Henry L.
 Kaczynski, Victor W.
 Roche, Michael B.
 Tietjen, John H.

RHODE ISLAND
 Dryfoos, Robert L.
 Hutson, William H.

VIRGINIA
 Castiglione, Louis J.
 Menyhert, William R.

MARITIME HEATH LAND
 CONNECTICUT
 Damman, Antoni W.

MATERIALS
 MARYLAND
 Wessel, Carl J.

MAXIMIZING STABLE YIELDS
 CONNECTICUT
 Camp, Wofford B., Jr.
 Guttay, A.J.R.
 Smith, David M.

DISTRICT OF COLUMBIA
 Adams, William H.
 Walker, Charles R.
 Woodard, Donald W.

MARYLAND
 Andersen, Aven M.

MAINE
 Anthony, Vaughn C.
 Ring, Paul D.

NORTH CAROLINA
 Birchfield, Larry J.

NEW YORK
 Cutright, Noel J.
 Foley, Donald D.
 Green, David M.
 Istock, Conrad A.
 McHugh, John L.

PENNSYLVANIA
 Hayden, Robert P.
 McKee, Guy W.
 Osborne, Thomas S.
 Ward, Wilber W.

RHODE ISLAND
 Dryfoos, Robert L.
 Salla, Saul B.
 Sissenvine, Michael P.

VIRGINIA
 Cliff, Edward P.
 Dowling, Paul Bruce
 Giles, Robert H., Jr.
 Prosser, Norville S.

WEST VIRGINIA
 Jernejcic, Frank A.
 Ulrich, Valentin

MEASURING ECOSYSTEM STRESS
 CONNECTICUT
 Cunningham, Denis
 Tolderlund, Douglas S.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MEASURING ECOSYSTEM STRESS

DISTRICT OF COLUMBIA
 Keup, Lowell, F.
 Lanza, Guy R.
 Walker, Charles R.
 Woodard, Donald W.
 Young, David K.

DELAWARE
 Meldrim, John W.

MASSACHUSETTS
 Camougis, George
 Carpenter, Edward J.
 Cassista, A. Jon
 Drury, William H.
 Hillman, Robert E.
 Kricher, John C.
 Lazell, Jr., James D.
 Litsky, Warren
 Moore, Johnes K.
 Rowe, Gilbert T.
 Spaulding, Willard M., Jr.
 Teal, John M.
 Tiffney, Jr., Wesley N.

MARYLAND
 Foerster, John W.
 Khattat, Padmini H.
 Morgan, Raymond P.
 Pearson, James G.
 Pinkham, Carlos F.A.
 Stoneburner, Daniel L.

MAINE
 Dean, David

NORTH CAROLINA
 Bellis, Vincent J.
 Little, Linda W.
 Pfaender, Frederic K.
 Stephenson, Don W.
 Weiss, Charles M.

NEW HAMPSHIRE
 Federer, C. Anthony
 Gee, Glendon W.
 Leonard, Raymond E.

NEW JERSEY
 Forman, Richard T.T.
 Zelle, Robert A.

NEW YORK
 Cassin, Joseph M.
 Craul, Phillip J.
 Cutright, Noel J.
 Freudenthal, Hugo D.
 Gehris, Clarence W.
 Gold, Kenneth
 Jackson, Daniel P.
 Kaczynski, Victor W.
 Likens, Gene E.
 Little Jr., Frank J.
 Olson, Gerald, W.
 Pitchle, Donald D.
 Ritchie, Gary A.
 Spagnoli, John J.

PENNSYLVANIA
 Bardarik, Daniel G.
 Hayden, Robert D.
 Hutnik, Russell J.
 Southwick, Edward P.

RHODE ISLAND
 Fislser, Ronald
 Halvorson, William L.
 Jeffries, Perry
 Nixon, Scott W.
 Prager, Jan C.

VIRGINIA
 Boesch, Donald F.
 Cairns, Jr., John
 Castiglione, Louis J.
 Dickson, Kenneth L.
 Griffith, Roger B.
 Hocutt, Charles H.
 Lynch, Maurice P.
 Nyquist, David
 Odum, William E.
 Prosser, Norville S.
 Rohde, Wayne G.
 Slocumb, John P.
 Zubkoff, Paul L.

TABLE 1 - LOPE RESEARCHERS IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MEASURING ECOSYSTEM STRESS

VERMONT

Horst, G. Foy
Starbuck, George W.

WEST VIRGINIA

Jenkins, Charles F.
Keller, Edward C. Jr.
Kutschid, Ben B.
Parke, John M.

MICROCOSMS

PENNSYLVANIA

Meyer, Kenneth A.

MICROORGANISMS

PENNSYLVANIA

Foesterer, Martin G.

MINERAL CYCLING

CONNECTICUT

Damman, Antoni W.
Martens, Christopher S.

DISTRICT OF COLUMBIA

Keup, Lowell, P.

MASSACHUSETTS

Rowen, Vaughan T.
Cox, James L.
Farrington, John W.
Hecky, Robert P.
Pho, Jintgue
Soukup, Michael A.

MARYLAND

Foerster, John W.
Forster, William O.
Stoneburner, Daniel L.

NORTH CAROLINA

Baier, Rodger W.
Buol, Stanley W.
Davey, Charles R.
Kuenzler, Edward J.
Little, Linda W.
Falston, Charles W.
Wheeler, Garland I.

NEW JERSEY

Douglas, Lowell A.
Primer, David

NEW YORK

Fhrlich, Henry L.
Fuhs, G.W.
Gold, Kenneth
Goodland, Robert J.
Iikens, Gene F.
Lopez, Glenn R.
Magorian, Thomas R.
Wikstrom, Leonard L.

PENNSYLVANIA

Hutnik, Russell J.
Johnson, Andrew I.
Meyer, Kenneth A.
Sanchez, James R.
Wood, Gene W.

RHODE ISLAND

Fisler, Ronald
Wright, William P.

VIRGINIA

Damalas, Andinos P.
Hanawalt, Ronald B.
Parker, Bruce C.
Webb, Kenneth L.

VERMONT

Jewell, William J.

WEST VIRGINIA

Moe, Paul G.

MINING

MARYLAND

Wagner, Richard H.

NEW YORK

Fhrlich, Henry L.

PENNSYLVANIA

Hutnik, Russell J.

VIRGINIA

Griffith, Roger B.
Nyquist, David

WEST VIRGINIA

Fehling, Robert E.
Ozolina, David I.
Zimolzak, Chester F.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MOSQUITO HABITATS	
DISTRICT OF COLUMBIA	
Ward, Ronald A.	
NEW SPECIES INTRODUCTION	
CONNECTICUT	
Edwards, Stephen J.	
Gorski, Leon J.	
Kelley, Roger W., Jr.	
DISTRICT OF COLUMBIA	
Banta, William C.	Banks, Richard C.
Pufford, Terry L.	
Jenkins, Dale W.	
Woodard, Donald W.	
DELAWARE	
Louder, Darrell E.	
MASSACHUSETTS	
Johnson, James E.	
Kricher, John C.	
Stuart, Alastair M.	
MARYLAND	
Batra, Suzanne W.T.	
Peterson, Charles H.	
NORTH CAROLINA	
Cooper, William E., Jr.	
DuMond, David M.	
Elder, Alfred S.	
Johnson, Harrel B.	
NEW HAMPSHIRE	
Spencer, Larry T.	
NEW JERSEY	
Hastings, Robert W.	
NEW YORK	
Bates, David M.	
Boddicker, Major L.	
Foley, Donald D.	
Istock, Conrad A.	
Kessell, Stephen P.	
Massaro, Edward J.	
Root, Richard R.	
Tate, James	
Werner, Robert G.	
PENNSYLVANIA	
Clark, Richard J.	
Davis, George M.	
Poster, Neal R.	
Hayden, Robert P.	
Henshaw, Robert E.	
Kirkland, Gordon L., Jr.	
Poe, Thomas P.	
VIRGINIA	
Castiglione, Louis J.	
Lenmon, Paul F.	
Schreck, Carl P.	
Wass, Marvin L.	
WEST VIRGINIA	
Jernetic, Frank A.	
NOISE POLLUTION	
MASSACHUSETTS	
Banks, Oneil M.	
Carr, Jerome B.	
MARYLAND	
Pinkham, Carlos F.A.	
Welch, Bruce L.	
NEW HAMPSHIRE	
Leonard, Raymond E.	
NEW YORK	
Cutright, Noel J.	
Jackson, Daniel F.	
Mitchell, Harold D.	
Neumaier, Gerhard J.	
Posmentier, Eric S.	
Walcott, Charles	
PENNSYLVANIA	
Chase, Craig C.	
OIL POLLUTION	
DISTRICT OF COLUMBIA	
Hay, Keith G.	
MASSACHUSETTS	
Farrington, John W.	
MARYLAND	
Stoneburner, Daniel L.	

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

OTI POLLUTION

MAINE
Major, Charles W.

NORTH CAROLINA
Phillips, Walter E., Jr.

NEW JERSEY
Bikales, Norbert M.

NEW YORK
Foley, Donald D.
Neumaier, Gerhard J.
Schwartzberg, Henry G.
Wikstrom, Leonard L.

PENNSYLVANIA
Sanchez, James R.

RHODE ISLAND
Fisler, Donald

VIRGINIA
Westfield, James D.

PEAT BOGS, MARSHES

CONNECTICUT
Damman, Antoni W.

PFST
NEW YORK
Simeone, John B.

PESTICIDE ECOLOGY
NORTH CAROLINA
Hayne, Don W.

PESTICIDES AND BIOLOGICAL AND PHYSICAL CONTROLS
DISTRICT OF COLUMBIA
Walker, Charles R.

POLLUTION SURVEILLANCE
NORTH CAROLINA
Hayne, Don W.

POPULATION DYNAMICS

CONNECTICUT
Cunningham, Denis
Klattenberg, Ronald P.
Marcy, Barton C.
Mitchell, Kenneth J.
Porter, James W.
Porter, Karen J.
Smith, Dwight G.

DISTRICT OF COLUMBIA
Adams, William H.
Rushman, John B.
Evenden, Fred G.
Hufford, Terry L.
Keup, Lowell, P.
Moore, Jerry A.
Stood, Ronald C.

DELAWARE
Loudner, Darrell P.

MASSACHUSETTS
Cole, Charles P.
Coppinger, Raymond P.
Davis, John D.
Drury, William H.
Hecky, Robert E.
Hillman, Robert P.
Kelloqq, Charles W.
Moore, Johnes K.
Rowe, Gilbert T.
Spaulding, Willard M., Jr.
Tamarin, Robert H.

MARYLAND
Allan, J. David
Andersen, Aven M.
Bay, Ernest C.
Boerster, John W.
Morgan, Raymond P.
Peterson, Charles H.
Schnell, Charles F.
Stoneburner, Daniel L.
Welch, Bruce L.

MAINE
Anthony, Vaughn C.

NORTH CAROLINA
Arey, Sylvia Ann
Birchfield, Larry J.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

POPULATION DYNAMICS	
NORTH CAROLINA	
	Cooper, William E., Jr.
	Hayne, Don W.
	Mason, Robert E.
	Namkoong, Gene
	Savidge, Irvin R.
	Starn, Robert H.
	Tyus, Harold M.
NEW HAMPSHIRE	
	Ford, Robert P.
	Forste, Robert H.
	Francq, Edward W.
	Patrick, David K.
NEW JERSEY	
	Jones, Walter A.
	McCormick, Jon M.
	Shanholtzer, Sheryl P.
NEW YORK	
	Chaplin, Stephen J.
	Cooperrider, Allen Y.
	Cutright, Noel J.
	Dalglish, Robert C.
	Erickson, James M.
	Fairchild Robert P.
	Foley, Donald D.
	Foley, Donald D.
	Forney, John L.
	Green, David M.
	Iannotti, Eugene L.
	Istock, Conrad A.
	Kaczynski, Victor W.
	Kessell, Stephen R.
	Massaro, Edward J.
	McKay, Francis E.
	Pimentel, David
	Root, Richard B.
	Smith, Stephen B.
	Tate, James
	Turner, John R.G.
	Vandruff, Larry W.
	Wilkins, Bruce T.
	Williams, Bolton S.
	Olendorff, Richard R.
PENNSYLVANIA	
	Chase, Craig C.
	Ferner, John W.
	Foote, Peter S.
	Ghiselin, Jon R.
	Graybill, Donald L.
	Hall, Russell J.
	Hayden, Robert P.
	Hendrix, Sherman S.
	Jeffers, Edmund E.
	Keefer, Scott D.
	Kirkland, Gordon L., Jr.
	Poe, Thomas P.
	Scherer, Robert C.
	Snyder, Donald B.
	Ward, Wilber W.
RHODE ISLAND	
	Polgar, Tibor T.
	Shoop, C.R.
	Sissenwine, Michael P.
VIRGINIA	
	Conroy, John R.
	Gemborys, Stanley R.
	Giles, Robert R., Jr.
	Grant, George C.
	Hinckley, Alden D.
	Hornberger, George M.
	Marshall, Harold G.
	Pierce, Phillip C.
	Richards, Clarence E.
	Slocumb, John P.
	Waters, William E.
	Mellinger, A. Clair
WEST VIRGINIA	
	Bradshaw, William N.
	Jernejcic, Frank A.
	Sturges, Franklin W.
PRODUCTIVITY	
CONNECTICUT	
	Mitchell, Kenneth J.
	Smith, Dwight G.
DISTRICT OF COLUMBIA	
	Adams, William H.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

PRODUCTIVITY

DISTRICT OF COLUMBIA

Greenson, Phillip E.
Hollingshead, Kenneth E.
Hufford, Terry L.
Walker, Charles R.

MASSACHUSETTS

Carpenter, Edward J.
Coppinger, Raymond P.
Cox, James L.
Moore, Johnes K.
Old, Warren T. Jr.
Rho, Jinnque
Satterwhite, Melvin R.
Teal, John M.
Tiffney, Jr., Wesley N.
Yentsch, Charles S.
Yentsch, Clarice M.

MARYLAND

Andersen, Aven M.
Foerster, John W.
Gurtz, Martin F.
Stoneburner, Daniel L.
Storms, Stephen E.

NORTH CAROLINA

Bellis, Vincent J.
Birchfield, Larry J.
Clapp Jr., John G.
Cooper, Arthur W.
Cooper, William F., Jr.
Hobbie, John F.
Melack, John M.
Perry, Thomas O.
Falston, Charles W.
Beagan, Roland F.
Sanders, Douglas C.
Strain, Boyd R.
Woodhouse, William W., Jr.

NEW JERSEY

Ferrigno, Fred
Good, Ralph E.
McCormick, Jon M.
Shanholtzer, Sheryl F.

NEW YORK

Aaronson, Sheldon
Dudzinski, Diane M.
Frgel, Ronald A.
Foley, Donald D.
Fuhs, G.W.
Gehris, Clarence W.
Gold, Kenneth
Green, David M.
Hemmett, Roland B.
Jackson, Daniel P.
Kaczynski, Victor W.
Kessell, Stephen F.
Little Jr., Frank J.
Lopez, Glenn R.
Murphy, Foyse P.
Olendorff, Richard R.
Olson, Gerald, W.
Roman, Micheal R.
Webb, William L.
Williams, Bolton S.

PENNSYLVANIA

Arnold, Dean E.
Cheng, Thomas C.
Hartman, Richard T.
Hayden, Robert P.
Hinsh, Wayne W.
Hutnik, Russell J.
Jeffers, Edmund E.
Keefer, Scott D.
McDaniel, Michael D.
McKee, Guy W.
Meyer, Kenneth A.
Moore, John R.
Walker, William H.
Ward, Wilber W.
Wood, Gene W.

RHODE ISLAND

Halvorson, William L.
Hull, Richard V.
Nixon, Scott W.
Sissenwine, Michael P.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

PRODUCTIVITY

VIRGINIA

Crawford, Hewlette S.
 Griffith, Roger E.
 Hornberger, George W.
 Lemmon, Paul E.
 Rohde, Wayne G.
 Slocumb, John P.
 Zubkoff, Paul L.

WEST VIRGINIA

De Costa, John J.
 Keller, Edward C. Jr.

PROGRAMMING

DISTRICT OF COLUMBIA

Leighton, Donald P.

MASSACHUSETTS

Adrian, Donald D.
 Dillingham, James H.
 Litsky, Warren
 Moore, Stephen F.
 Spaulding, Willard M., Jr.

NORTH CAROLINA

Cooper, William E., Jr.
 Mason, Robert E.
 Schaffer, Henry E.
 Wheeler, Garland L.

NEW YORK

Chapple, Eliot D.
 Gauch, Hugh G., Jr.
 Kessell, Stephen R.
 Magorian, Thomas R.
 Pimentel, David
 Posmentier, Eric S.

PENNSYLVANIA

Chase, Craig C.
 Koesterer, Martin G.

RHODE ISLAND

Beckers, Jr., Charles V.
 Polgar, Tibor T.
 Sissenwine, Michael B.

VIRGINIA

Conroy, John H.
 Corsline, George W.
 Hornberger, George W.

WEST VIRGINIA

Faug, Peter T.

RADIATION POLLUTION

DISTRICT OF COLUMBIA

Wade, Richard L.

MASSACHUSETTS

Power, Vaughan T.
 Yentsch, Charles S.

MARYLAND

Cutcher, Joseph J.
 Forster, William O.

NORTH CAROLINA

Sjolseth, Danny E.

NEW YORK

Eisenbud, Merrill
 Paulson, Glenn L.

PENNSYLVANIA

Henshaw, Robert E.
 James, Richard L.
 Osborne, Thomas S.

RHODE ISLAND

Shoop, C.E.

MASSACHUSETTS

Carr, Jerome B.

RECREATIONAL

CONNECTICUT

Haeni, Frank R.
 Kelley, Roger W., Jr.

DISTRICT OF COLUMBIA

Moore, Jerry A.

MARYLAND

Wagner, Richard H.

NORTH CAROLINA

Johnson, Harrel B.
 Sjolseth, Danny E.

NEW HAMPSHIRE

Patrick, David F.

NEW JERSEY

Jones, Walter A.

NEW YORK

Chapple, Eliot D.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

RECREATIONAL

NEW YORK
 Foley, Donald D.
 Foley, Donald D.
 Jackson, Daniel F.
 Neumaier, Gerhard J.
 Tate, James
 Wilkins, Bruce T.

PENNSYLVANIA
 Hartman, Fred F.
 Hayden, Robert P.
 Shiner, James W.

VIRGINIA
 Harvill, Alton M.
 Menyhert, William R.
 Richards, Clarence E.

VERMONT
 Wood, Glen W.

WEST VIRGINIA
 Rehling, Robert E.
 Schulz, Arnold F.

RESPIVOTE

CONNECTICUT
 Porter, Karen J.

DISTRICT OF COLUMBIA
 Greeson, Phillip E.
 Piley, David F.
 Walker, Charles R.

DELAWARE
 Louder, Darrell E.

MASSACHUSETTS
 Camouqis, George
 Harleman, Donald R.
 Johnson, James E.
 Litsky, Warren
 Parrack, Michael L.
 Pho, Jinnque
 Soukup, Michael A.

MARYLAND
 Allan, J. David
 Bay, Ernest C.
 Foerster, John W.
 Gurtz, Martin E.

NORTH CAROLINA
 Baker, W. Donald
 Putton, Gerald L.
 Johnson, Harrel B.
 Lammers, William T.
 Starn, Robert H.
 Weiss, Charles W.

NEW JERSEY
 Jones, Walter A.

NEW YORK
 Goodland, Robert J.
 Istock, Conrad A.
 Jackson, Daniel F.
 Neumaier, Gerhard J.
 Schumacher, George J.

PENNSYLVANIA
 Groufage, Thomas M.
 Hartman, Richard T.
 Hayden, Robert P.
 McDaniel, Michael D.
 Moore, John R.

VIRGINIA
 Hocutt, Charles H.
 Nyquist, David
 Prosser, Norville S.
 Slocumb, John P.

VERMONT
 Jewell, William J.

WEST VIRGINIA
 Rehling, Robert E.
 De Costa, John J.
 Fuchs, Pverett H.
 Gasper, Donald C.
 Jerne icic, Frank A.
 Kutscheid, Ben B.
 Nelson, Charles W.

NORTH CAROLINA
 Kroger, Richard L.

RIGHT OF WAYS

DELAWARE
 Dill, Norman R.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

RIVERS

CONNECTICUT
 Edwards, Stephen J.
 Klattenberg, Ronald P.
 Marcy, Barton C.
 Mason, Alan D.

DISTRICT OF COLUMBIA
 Goodyear, Richard H.
 Greeson, Phillip F.
 Hufford, Terry L.
 Keup, Lowell, F.
 Moore, Jerry A.
 Piley, David F.
 Walker, Charles R.

DELAWARE
 Louder, Darrell E.

MASSACHUSETTS
 Camougis, George
 Harleman, Donald R.
 Johnson, James F.
 Litsky, Warren
 Pho, Jinnque
 Soukup, Michael A.

MARYLAND
 Allan, J. David
 Beal, Kenneth L.
 Cutcher, Joseph J.
 Foerster, John W.
 Gurtz, Martin F.
 Mandiafico, Joseph A.

MAINE
 Bourque, Peter M.
 Flaag, Lewis N.

NORTH CAROLINA
 Baker, W. Donald
 Howells, David H.
 Lammers, William T.
 Pfander, Frederic K.
 Stolseth, Danny E.
 Weiss, Charles M.

NEW HAMPSHIRE
 Patrick, David K.

NEW JERSEY
 Douglas, Lowell A.

NEW YORK
 Culp, Terry R.
 Engel, Ronald A.
 Jackson, Daniel P.
 Jamnback, Hugo A.
 Kaczynski, Victor W.
 Kessell, Stephen R.
 Likens, Gene E.
 Magorian, Thomas R.
 Rehwoldt, Robert E.
 Schumacher, George J.
 Sperling, Jon A.
 Wikstrom, Leonard L.
 Williams, Bolton S.
 Wilson, Lee

PENNSYLVANIA
 Alden, Jon C.
 Bardarik, Daniel G.
 Groutage, Thomas M.
 Haase, Bruce L.
 Hayden, Robert P.
 McDaniel, Michael D.
 Poe, Thomas P.
 Scherer, Robert C.

VIRGINIA
 Cairns, Jr., John
 Castiglione, Louis J.
 Dickson, Fenneth L.
 Griffith, Roger B.
 Hocutt, Charles H.
 Jenkins, Robert F.
 Nyquist, David
 Prosser, Norville S.
 Slocumb, John P.
 Westfield, James D.

VERMONT
 Jewell, William J.

WEST VIRGINIA
 Fuchs, Everett H.
 Gasper, Donald C.
 Jenkins, Charles P.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

RIVERS
WEST VIRGINIA
Jernejcic, Frank A.
Keller, Edward C. Jr.
Nelson, Charles W.
Rauch, Henry W.
Schulz, Arnold F.

ROCK OUTCROP COMMUNITIES
VIRGINIA
Mellinger, A. Clair

RURAL
VIRGINIA
Conroy, John H.

SALT POLLUTION
NEW YORK
Judd, John R.

SAVANNAH
MASSACHUSETTS
Taylor, C. Richard

MARYLAND
Stoneburner, Daniel L.

NEW YORK
Roddicker, Mafor L.
Goodland, Robert J.
Foot, Richard B.
Tramontano, John P.

PENNSYLVANIA
Clark, Richard J.

WEST VIRGINIA
Moe, Paul G.

SEDIMENTATION
WEST VIRGINIA
Buchanan, Hugh

SPATIAL DYNAMICS
NEW YORK
De Laubenfels, David J.

SUBTROPICAN AQUATIC
MARYLAND
Cooper, John E.

SURFACE MINE RESTORE
MASSACHUSETTS
Spaulding, Willard M., Jr.

TEMPORARY PONDS
RHODE ISLAND
Shoop, C.R.

THERMAL POLLUTION
CONNECTICUT
Ruck, John D.
Steinmetz, Charles Jr.
Tolderlund, Douglas S.

DISTRICT OF COLUMBIA
Davis, William Price
Jameson, Robert M.
Lanza, Guy R.

DELAWARE
Louder, Darrell E.
Meldrim, John W.

MASSACHUSETTS
Carpenter, Edward J.
Davis, John D.
Dillingham, James R.
Harleman, Donald R.
Yentsch, Charles S.
Yentsch, Clarice H.

MARYLAND
Foerster, John W.
Gurtz, Martin F.
Morgan, Raymond P.
Shearer, Carol A.
Stoneburner, Daniel L.

MATNEP
Dean, David

NORTH CAROLINA
Phillips, Walter E., Jr.
Sanders, Douglas C.
Stephenson, Don W.

NEW HAMPSHIRE
Gee, Glendon W.
Hartwell, Allan D.

NEW JERSEY
Milstein, Charles B.
Schaefer, Edward D.

NEW YORK
Parans, Charles A.
Chailer Jr., Jack D.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

THERMAL POLLUTION

NEW YORK

Frascella, Daniel W.
Jackson, Daniel P.
Kaczynski, Victor W.
Kessell, Stephen R.
Neumaier, Gerhard J.
Pough, P. Harvey
Spotila, James R.
White, James P.

PENNSYLVANIA

Alden, Jon C.
Bardarik, Daniel G.
Barnett, I. Bruce
Chase, Craig C.
Denoncourt, Robert F.
Henshaw, Robert E.
McKee, Guy W.

RHODE ISLAND

Beckers, Jr., Charles V.
Polgar, Tibor T.
Prager, Jan C.
Sissenwine, Michael P.

VIRGINIA

Cairns, Jr., John
Hocutt, Charles H.
Virnstein, Robert W.

VERMONT

Starbuck, George W.

WEST VIRGINIA

Keller, Edward C. Jr.
Lee, Richard
Zaltzman, Raul

TROPICAL

DISTRICT OF COLUMBIA

Pushman, John B.
LaBastille, Anne
Little, Elbert L., Jr.
Wilson, Don E.

MASSACHUSETTS

Stuart, Alastair M.

MARYLAND

Batra, Suzanne W.T.
Fhattat, Fadhill H.
Price, Donald L.
Schnell, Charles E.

NORTH CAROLINA

Buol, Stanley W.
Melack, John M.

NEW JERSEY

Millstein, Charles B.

NEW YORK

Goodland, Robert J.
Root, Richard B.

PENNSYLVANIA

Cheng, Thomas C.
Foster, Neal R.
McCoy, Clarence J.

VIRGINIA

Conroy, John B.
Harvill, Alton M.
Kelly, Mahlon G.

WEST VIRGINIA

Rehling, Robert E.
Moe, Paul G.

TUNDRA

DISTRICT OF COLUMBIA

Skoog, Ronald O.

MASSACHUSETTS

Tiffney, Jr., Wesley N.

NORTH CAROLINA

Hobbie, John P.

NEW HAMPSHIRE

Patrick, David K.

NEW JERSEY

Douglas, Lowell A.

NEW YORK

Farash, David P.
Omland, Per A.
Spierling, Jon A.

PENNSYLVANIA

Henshaw, Robert E.

VIRGINIA

Nyquist, David

TABLE 2. COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

URBAN

CONNECTICUT

Kelley, Roger W., Jr.
Mason, Alan D.

DISTRICT OF COLUMBIA

Hay, Keith G.
Jameson, Robert M.
Moore, Jerry A.
Wade, Richard L.

MARYLAND

Lees, Aldridge L., Jr.

NEW YORK

Chapple, Eliot D.
Eisenbud, Merrill
Tstock, Conrad A.
Jackson, Daniel F.
Neumaier, Gerhard J.
Olson, Gerald, W.
Paulson, Glenn L.
Savage, Joseph E.

PENNSYLVANIA

Chase, Craig C.
Keefler, Scott D.
Koesterer, Martin G.
Li, Hul L.
Stern, Arthur M.

VIRGINIA

Bradley, Sterling G.
Menyhert, William R.
Weber, Richard S.
Westfield, James D.

VERMONT

Jewell, William J.

WEST VIRGINIA

Linsky, Benjamin
Neumann, Edward S.
Zaltzman, Paul

WASTE RECYCLING

CONNECTICUT

Baum, Bernard

MASSACHUSETTS

Gorden, Morton
Litsky, Warren
Moore, Johnes K.
Rho, Jinnque
Satterwhite, Melvin B.
Tenore, Kenneth R.
Weeks, Martin P.

MARYLAND

Hershaft, Alex
Stoneburner, Daniel L.

NORTH CAROLINA

Howells, David H.
Johnson, Harrel B.
Kuenzler, Edward J.
Little, Linda W.
Stolseth, Danny E.

NEW HAMPSHIRE

Spencer, Larry T.

NEW JERSEY

Douglas, Lovell A.

NEW YORK

Freudenthal, Hugo D.
Gehris, Clarence W.
Maqorian, Thomas R.
Paulson, Glenn L.
Wikstrom, Leonard L.

PENNSYLVANIA

Browne, Francis X.
Chase, Craig C.
Sanchez, James P.
Stern, Arthur M.

VIRGINIA

Menyhert, William R.
Westfield, James D.

VERMONT

Jewell, William J.

Villamil, Richard J.

WEST VIRGINIA

Baillie, Richard C.
Moe, Paul G.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

WATER, FRESH SEDIMENT

VIRGINIA

Weber, Richard S.

WATER, FRESH POLLUTION

CONNECTICUT

Ruck, John D.

Edwards, Stephen J.

Kelley, Roger W., Jr.

Flattenberg, Ronald P.

McGuinness, William V.

Porter, Karen J.

DISTRICT OF COLUMBIA

Davis, William Price

Goodyear, Richard H.

Jenkins, Dale W.

Keup, Lowell, F.

Lanza, Guy R.

Moore, Jerry A.

Piley, David F.

Walker, Charles R.

Wheatley, James R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.

Rowen, Vaughan T.

Camougis, George

Dillingham, James H.

Harleman, Donald R.

Litsky, Warren

Miller, A. Richard

Rho, Jinnque

Soukup, Michael A.

Spaulding, Willard M., Jr.

Weeks, Martin E.

Yentsch, Charles S.

MARYLAND

Allan, J. David

Andrews, Ralph

Real, Kenneth L.

Poerster, John W.

Hershaft, Alex

Khattat, Fadhil H.

Mangiafico, Joseph A.

Stoneburner, Daniel L.

MAINE

Wagner, Richard H.

Bourque, Peter M. Carr, Jerome B.

Flagg, Lewis N.

NORTH CAROLINA

Alker, Julius

Baier, Rodger W.

Baker, W. Donald

Cooper, William E., Jr.

Powells, David H.

Lammers, William T.

Little, Linda W.

Melack, John M.

Nelson, Paul V.

Pfaender, Frederic K.

Stolseth, Danny E.

Starn, Robert R.

Weiss, Charles M.

NEW HAMPSHIRE

Forste, Robert H.

NEW JERSEY

Bikales, Norbert M.

Blumeling, Charles III

Douglas, Lowell A.

Frances, Saul

Jadlocki, Joseph P.

McCormick, Jon M.

Prager, Manfred J.

Zelley, Robert A.

NEW YORK

Barans, Charles A.

Roddicker, Major L.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

WATER, FRESH POLLUTION

NEW YORK

Cardenas, Paul P., Jr.
Cassin, Joseph M.
Dudzinski, Diane M.
Engel, Ronald A.
Fairchild Robert P.
Foley, Donald D.
Freudenthal, Hugo D.
Fuhs, G.W.
Haines, Terry A.
Hemmett, Roland B.
Istock, Conrad A.
Jackson, Daniel P.
Judd, John H.
Kaczynski, Victor W.
Kessell, Stephen E.
Likens, Gene F.
Little Jr., Frank J.
Moorian, Thomas P.
Massaro, Edward J.
Olson, Gerald W.
Pough, F. Harvey
Schumacher, George J.
Sperling, Jon A.
Wikstrom, Leonard L.
Wilson, Lee

PENNSYLVANIA

Alden, Jon C.
Anderson, Bertil G.
Arnold, Dean E.
Bardarik, Daniel G.
Prowne, Francis X.
Denoncourt, Robert P.
Groutage, Thomas M.
Haase, Bruce L.
Hartman, Richard T.
Hendrix, Sherman S.
Jeffers, Edmund E.
Keenan, John D.
Majumdar, Shyamal K.
McDaniel, Michael D.
Moore, John R.
Nickel, Ross
Roscinski, Robert J.
Scherer, Robert C.
Stern, Arthur M.

RHODE ISLAND

Reckers, Jr., Charles V.
Cox, Geraldine V.

VIRGINIA

Bishop, John W.
Cairns, Jr., John
Castiglione, Louis J.
Conroy, John H.
Dickson, Kenneth L.
Griffith, Roger B.
Hocutt, Charles H.
Menyhert, William B.
Nyquist, David
Parker, Bruce C.
Prosser, Norville S.
Randall, Clifford W.
Slocumb, John P.
Westfield, James D. Zubkoff, Paul L.

VERMONT

Jewell, William J.
Villamil, Richard J.

WEST VIRGINIA

De Costa, John J.
Fuchs, Everett H.
Gasper, Donald C.
Jenkins, Charles F.
Jernojic, Frank A.
Keller, Edward C. Jr.
Lee, Richard
Nelson, Charles W.
Sack, William A.

WATER, MARINE POLLUTION

CONNECTICUT

Brown, Charles L.
Buck, John D.
Cunningham, Denis

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

WATER, MARINE POLLUTION

CONNECTICUT

Kelley, Roger W., Jr.
 Marcy, Barton C.
 Martens, Christopher S.
 Shaw, David G.
 Szechtman, Raphael J.
 Tolderlund, Douglas S.
 Zoellner, David R.

DISTRICT OF COLUMBIA

Aron, William I.
 Davis, William Price
 Goodyear, Richard H.
 Moore, Jerry A.
 Schueler, Robert L.
 Wade, Richard A.
 Wheatley, James R.
 Woodard, Donald W.
 Young, David K.

DELAWARE

Lepple, Frederick K.
 Louder, Darrell E.

MASSACHUSETTS

Bowen, Vaughan T.
 Carpenter, Edward J.
 Coull, Bruce C.
 Cox, James L.
 Davis, John D.
 Gordon, Bernard L.
 Harleman, Donald R.
 Harvey, George R.
 Hillman, Robert E.
 Litsky, Warren
 Moore, Stephen P.
 Rowe, Gilbert T.
 Spaulding, Willard M., Jr.
 Yentsch, Charles S.
 Yentsch, Clarice M.

MARYLAND

Andersen, Aven M.
 Beal, Kenneth L.
 Foerster, John W.
 Forster, William O.
 Hughes, Kent B.
 Morgan, Raymond P.

MAINE

Flagg, Lewis N.
 Fing, Paul D.

NORTH CAROLINA

Paier, Rodger W.
 Dooley, James K.
 Frame, David W.
 Howells, David B.
 Lammers, William T.
 Lyman, John
 Sjolseth, Danny E.

NEW HAMPSHIRE

Hartwell, Allan D.
 Wheeler, Ellsworth H.

NEW JERSEY

Blumeling, Charles III
 Douglas, Lowell A.
 Litchfield, Carol D.
 McCormick, Jon M.
 Zelle, Robert A.

Bikales, Norbert M.

NEW YORK

Cassin, Joseph M.
 Dudzinski, Diane M.
 Foley, Donald D.
 Freudenthal, Hugo D.
 Gold, Kenneth
 Hemmett, Roland B.
 Iannotti, Eugene L.
 Kaczynski, Victor W.
 Liguori, Vincent R.
 Little Jr., Frank J.
 Lopez, Glenn R.
 McCarthy, Joseph V.
 Posmentier, Eric S.
 Sperling, Jon A.
 Stainken, Dennis M.
 Wikstrom, Leonard L.

RHODE ISLAND

Heckers, Jr., Charles V.
 Cook, David O.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

WATER, MARINE POLLUTION

RHODE ISLAND

Cox, Geraldine V.
Fisler, Ronald
Jeffries, Perry
Prager, Jan C.
Saila, Saul R.
Sissenwine, Michael P.
Wallace, Jr., Gordon T.

VIRGINIA

Adams, Donald D.
Boesch, Donald F.
Castiglione, Louis J.
Lynch, Maurice P.
Menyhert, William F. Odum, William E.
Slocomb, John P.
Virstein, Robert W.
Webb, Kenneth L.
Zubkoff, Paul L.

VERMONT

Jewell, William J.

WATERSHEDS

DISTRICT OF COLUMBIA

Jenkins, Dale W.
Keup, Lowell, P.
Moore, Jerry A.
Piley, David P.

MASSACHUSETTS

Carr, Jerome B.
Dillingham, James H.
Litsky, Warren
Soukup, Michael A.

MARYLAND

Wagner, Richard H.

MAINE

Bourque, Peter M.

NORTH CAROLINA

Howells, David H.
Stolseth, Danny P.

NEW HAMPSHIRE

Federer, C. Anthony
Gee, Glendon W.
Patrick, David K.

NEW JERSEY

Douglas, Lowell A.

NEW YORK

Dalglish, Robert C.
Goodland, Robert J.
Kessell, Stephen R.
Likens, Gene E.
Little Jr., Frank J.
Magorian, Thomas R.
Neumater, Gerhard J.
Olson, Gerald, W.
Schumacher, George J.
Wikstrom, Leonard L.
Wilson, Lee

PENNSYLVANIA

Chase, Craig C.
Denoncourt, Robert P.
Hendrix, Sherman S.
Petersen, Gary W.

VIRGINIA

Cairns, Jr., John
Griffith, Roger B.
Jenkins, Robert E.
Menyhert, William F.
Westfield, James D.

VERMONT

Farrar, Richard B.

WEST VIRGINIA

Fuchs, Everett H.
Lee, Richard
Nelson, Charles W.
Schulz, Arnold P.

WEATHER MODIFICATION

NORTH CAROLINA

Johnson, Barrel B.
Sanders, Douglas C.

WEST VIRGINIA

Lee, Richard

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

WETLANDS

MARYLAND

Sipple, William S.

RHODE ISLAND

Golet, Frank C.

WILDLIFE MANAGEMENT

CONNECTICUT

Kelley, Roger W., Jr.

Schoonveld, Gene G.

DISTRICT OF COLUMBIA

Adams, William H.

Coggeshall, Dale T.

Fvenden, Fred G.

Grandy, John W., IV

Hay, Keith G.

Jones, Fred L.

LaBastille, Anne

Linduska, Joseph P.

Moore, Jerry A.

Skooq, Ronald O.

Woodard, Donald W.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Hester, Albert E.

Old, Warren T. Jr.

Progulske, Donald R.

Spaulding, Willard M., Jr.

MARYLAND

Andrews, Ralph

Cummings, Edmund G.

MAINE

Schemnitz, Sanford D.

NORTH CAROLINA

Ranks, Roger L.

Cherry, Solomon T. Jr.

Mason, Robert F.

Monschein, Tom D.

Reagan, Roland P.

Stephenson, Don W.

NEW HAMPSHIRE

Mautz, William W.

Patrick, David K.

Vaillancourt, Josph H.

NEW JERSEY

Ferrigno, Fred

Follmann, Erich H.

Jones, Walter A.

NEW YORK

Boddicker, Major L.

Cooperrider, Allen Y.

Foley, Donald D.

Forbes, James P.

Olendorff, Richard R.

Tate, James

Vandruff, Larry W.

Webb, William L.

Wilkins, Bruce T.

Omland, Per A,

PENNSYLVANIA

Chase, Craig C.

Clark, Richard J.

Chiselin, Jon B.

Hartman, Fred E.

Henshaw, Robert E.

Snyder, Donald B.

Snyder, Jonas L.

Stutz, Sherwood S.

Tibbs, Arthur L.

Wood, Gene W.

VIRGINIA

Crawford, Hewlette S.

Damalas, Andinos P.

Giles, Robert H., Jr.

Harlow, Richard F.

Hooper, Robert G.

Taylor, Warren H.

WEST VIRGINIA

Fuchs, Everett H.

Michael, Edwin D.

Nelson, Charles W.

Schulz, Arnold P.

Smith, Robert L.

SECTION I

TABLE 3

INDEX BY KEYWORDS

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

FRESHWATER MICROLAYER BIOLOGY AND CHEMISTRY MICROBIAL POLLUTION CONTROL OF ALGAL POLLUTION PLANT PHYSIOLOGY PLOURATION FOR NATURAL ENEMIES OF INTRODUCED INSECT PESTS SHALLOW MARINE ECHINODERM BIOLOGY-ECOLOGY HOLOTHURIANS AL RESEARCH AND MANAGEMENT IN FRESHWATER FISHERY BIOLOGY CLASSIFICATION OF NITIDULIDAE TAXONOMY OF OBSTODINAE	(ALGAL BACTERIAL FUNGAL ETC.) ECOLOGY AND PHY (ALGAL) - ROLE OF PIGMENTS - PHOTOSYNTHESIS - PO (BIOLOGICAL CONTROL) SEARCH FOR AND IMPORTATION (COLD WATER-BOREAL) ECOLOGY OF LULUHARIA PRONDIS (COLDWATER) SHORT TERM EFFECTS OF ACCOTHION ON F (COLEOPTERA); HABITS AND CONTROL OF SPIDER MITES (COLEOPTERA:ELATERIDAE) & BEETLE IDENTIFICATION (COMPCSTING) CONSULTANT - US ATTORNEY'S OFFICE	532 84 200 380 73 141 221 107
PLANT - ECOLOGY, INC. POLLUTION - AQUATIC SOLID WASTES TAXONOMY OF TWO-WINGED FLIES PHYSICAL ECOLOGY INTERACTION ECOLOGY OF INSECT POPULATIONS	(DIPTERA) AND MORPHOLOGY OF SAME DIPTERA OF BGYP (ENERGY EXCHANGE) BETWEEN ORGANISMS AND ENVIRON (ESPECIALLY OF FOREST INSECTS)	697 681 58
ON CYMBELLA CISTULA DIATOM COMMUNITY ANALYSIS; ALGOLGY BIOPHYSICAL CHEMISTRY PARTICULARLY CHEMICAL REACTIVITY OF ZOOPLANKTON AND BENTHOS POPULATIONS FISHERY RESEARCH ACTIVITIES OF MICROBES IN HYDROSPHERE AND LITHOSPHERE FISH POPULATION ZOOPLANKTON	(FRESH WATER) ENVIRONMENTAL IMPACT STATEMENT - N (GENERAL) AND PORPHYRINS (SPECIFIC) THE ELECTROM (GENL) GRADUATE RESEARCH ASSISTANT BIOLOGICAL TE (GEOMICROATOLOGY) MICROBIAL LEACHING OF LOW-GRAD (ICHTHYOPLANKTON)	347 5 663 203 672
ECOLOGICAL EFFECTS OF WATER QUALITY AND QUANTITY ON ANIMALS Y ASSESSMENT OF ENVIRONMENTAL MODIFICATION BY POLLUTION ECOLOGY TAXONOMY AND SYSTEMATICS OF FRESHWATER MUSSELS Y LIFE HISTORIES OF AND FISHERIES FOR ANADROMOUS FISHES EFFECTS OF MARINE POLLUTION	(MAINLY MOLLUSKS INSECTS CRUSTACEANS FISH) EN (MARINE-PHYSICAL- BIOL.) DREDGE SPOIL DISPOSAL I (MOLLUSCA: BIVALVIA: UNIONACEA) IDENTIFICATION O (NOT SALMONIDS) ANADROMOUS FISHES OF ALBEMARLE S (OIL) ON MOLLUSCS (PELECYPODS) (ORIBATEI) LIFE HISTORY STUDIES TAXONOMY SABBA (PELECYPODS)	166 555 244 704 685 633 685
ICAL - UNIV. MYSORE TOXOPLASMOIS ACAROLGY SOIL MITES EFFECTS OF MARINE POLLUTION (OIL) ON MOLLUSCS MITES TERMITES - AUSTRALIA TERMITE BIOLOGY AND BEHAVIOR PARTICULARLY CHEMICAL REACTIVITY (GENERAL) AND PORPHYRINS ON ANALYSIS AND MAPPING EFFECT OF ENVIRONMENTAL FACTORS ABOLIC RESPONSE TO COLD EFFECTS OF ENVIRONMENTAL STRESS ON BOTTOMS EFFECT OF DREDGING ON OYSTER BEDS UNDERWATER Y OF PERSONNEL OF THE COASTAL PLAINS REGION TWO AREAS: NT MEDITERRANEAN ENV. IMPACT OF SLEEP HOLLOW DEVELOPMENT NTAL EDUCATION WITH EMPHASIS ON POPULATION EDUCATION AND CTIOUS HEPATITIS AND WATER QUALITY MERCURY AND THE PERUS YCLE OF COAL IN THE NORTHERN APPALACHIANS COAL COMMUNITY TAL IMPACT STUDY ENVIRONMENTAL MANAGEMENT AND POLLUTION REDGE DISPOSAL STREAM HYDROLOGIC STUDIES AND MODELS FOR IES FOR MERRIMACK RIVER & BOSTON HARBOR WATER POLLUTION AL ECONOMIC ENVIRONMENTAL INSTIT INDUSTRIAL POLLUTION ENT AND POLLUTION ABATEMENT ACID MINE DRAINAGE POLLUTION URFACE MINING ON U.S. FISH & WILDLIFE ACID MINE DRAINAGE OMY OF TOLOSTOMA BRUMALE SNOWCOVER ECOLOGY OF DIAPENSIA	(PHEROMONES) BIOLOGICAL CONTROL EXP. STUDIES ON (SPECIFIC) THE ELECTROMAGNETIC ACTIVITY OF PORPH (TEMPERATURE FORESTS BOGS ARCTIC) ECOLOGICAL (TEMPERATURE PRESSURE ETC.) ON THE NORMAL AND (USING SCUBA) ASSESSMENT OF COMMUNITIES EVALUATI (1) ENVIRONMENTAL EDUCATION WITH EMPHASIS ON POP (2) 400 UNITS(ENV. IMPACT VAN PATTEN DEV. SEVERA (2) INFORMATION PROCESSING POPULATION ASPECTS OF "IN UTERO" ENVIRONMENTAL BIOCHEMISTRY - HEAVY M ABANDONMENT AND DECAY ANTI STRIP MINING LEGISLAT ABATEMENT ACID MINE DRAINAGE POLLUTION ABATEMENT ABATEMENT AND PLANNING THALIUM POLLUTION HAZARD ABATEMENT AND PLANT RESPONSE GRASS RESPONSE TO P ABATEMENT COSTS CONNECTICUT RIVER MARINE RESOUR ABATEMENT STUDY NATURAL RESOURCE MANAGEMENT ENVI ABATEMENT WORLD HERITAGE TRUST LIVING RESOURCE ABIES RICEA SYSTEMS MODEL OF SALT MARSH ECOLOG ABNORMALITIES IN BIVALVE SHELLFISH CULTURE OF M ABORTION-JAMAICA ECOLOGY OF HUMAN DISEASES IN P ABSORPTION BY PLANT CELLS PLANT MINERAL NUTRITI ABSORPTION EFFECT OF FLOODING ON SWAMP FOREST P ABSORPTION FOLIAR FERTILIZATION ION STIM. ATPAS ABSTRACTOR HUMAN PATROLOGY MICROSCOPY CLINICA ACANTHOR MEMBRANES IN TWO FISH SPECIES ACARICIDES/INSECTICIDES METABOLISM OF PESTICIDES ACAROLGY SOIL MITES (ORIBATEI) LIFE HISTORY S ACCEL. EUTROPHICATION THRESHOLDS ACHIEVING STABL ACCELERATED EUTROPHICATION IN A SOUTH DAKOTA LAB ACCELERATED EUTROPHICATION THRESHOLDS LAKES GRE ACCENT IN ORNITHOLOGY APPRAISAL OF A SUMMER CAMP ACCLIMATIZATION OF HS SPARROW TO COLD ACCOTHION ON FISH POPULATIONS IN NORTHERN MAINE ACCUSTIC BEHAVIORS	747 747 447 610 471 747 677 727 721 352 771 403 510 296 775 7 533 437 365 437 400 40 73 809
SUFFOLK AND NASSAU COUNTIES AQUACULTURE FOR LONG ISLAND GRAMS FOR PREGNANT TEENAGERS STUDY OF EFFECTS OF ILLLEGAL S NITROGEN NUTRITION & ALKALOID PRODUCTION IN GRASS ICM OGY MEASUREMENT OF WATER STRESS IN PLANTS SALT AND WATER CROPS PLANT NUTRITION INCLUDING BIOCHEMICAL ASPECTS OF GIC ANATOMY ANNUAL RAGWEED POLLEN CENSUS - 4 COMMUNITIES MARINE INVERTEBRATE ZOOLOGY AND PARASITOLOGY ALS AND ARTHROPODS MODE OF ACTION AND DEGRADATION OF NEW DIFPS, TAXONOMY SABBATICAL - UNIV. MYSORE TOXOPLASMOIS ACCELERATED EUTROPHICATION THRESHOLDS LAKES GREAT LAKES A PATHOLOGY AND HISTOLOGY OF FINGERLING TROUT IN MONTANA T MODIFICATION OF A STREAM HUMAN POPULATION DENSITY VS. A KERN KNOWLEDGE AND COMPETENCE IN GENERAL ECOLOGY WITH VERTEBRATE ADAPTATIONS TO TEMPERATURE EXTREMES HWATER FISHERY BIOLOGY (COLDWATER) SHORT TERM EFFECTS CP OLOGICAL ASPECTS OF ANIMAL BEHAVIOR WITE SPECIAL REGARD TO USING ELECTROPHORESIS AND SEROLOGY PROTEIN COMPARISON CF BAP ANATOMY OF BULRUSHES SCANNING ELECTRON MICROSCOPY CF MANAGEMENT - INVENTORY HABITAT PRESCRIBE MANAGEMENT TO OLDS LAKES GREAT LAKES ACCEL. EUTROPHICATION THRESHOLDS ION OF CELLULOSE SOLID WASTE MANAGEMENT REST AREA DSACE BOR CONTRACTS FOR TEACHERS AND PARAPROFESSIONALS NUCLEIC TISSURS ORGANIC CHEMISTRY OF WATER AND SEDIMENTS AMINO GEMENT EFFECTS OF SURFACE MINING CN U.S. FISH & WILDLIFE MOSIS PURIFICATION OF ACID MINE DRAINAGE PURIFICATION CP -SPPCIES LAKE COMMUNITY FISH DISTRIBUTION IN RELATION TO STUDY ENVIRONMENTAL MANAGEMENT AND POLLUTION ABATEMENT TECHNIQUES ANALYSIS OF REVERSE OSMOSIS PURIFICATION CP OISONING OF SHAWNEE LAKE BENTHIC MACROFAUNAL PRODUCTION ES AIR AND WATER POLLUTION CONTROL REMOVAL OF IRON FECH OASTAL WATERWAY PRODUCTIVITY LAKE SEDIMENTS SYNERGISMS OF RIFFLE COMMUNITITES DIATOM FLUCTUATIONS IN TINS ON SOYBEAN PLANTS INFLUENCE OF 2 3-5 TRIODABENZOIC ES IN A RESERVOIR AFTER REHABILITATION BASIC RESEAPCH ON RAL REEPS CONTROL OF CHESAPEAKE BAY JELLYFISH FREE AMINO MOTH OVARY CELLS SUBMICROSCOPIC DISTRIBUTION OF NUCLEIC PECTS OF STRESS A STRESS SYNDROME IN THE HARD CIAM FATTY HE DEVELOPING CHICK HEART METAPLASIA AND NUCLEAR NUCLEIC AL ANALYSIS ECOLOGY PHYSIOLOGY OF MARINE ANIMAL BEHAVIOR PHYSICAL OCEANOGR. PHY UNDERWATER OR SHORLINE CONSTRUCTION OCEANOGRAPHY AND MPTEROLOGY ION CONSERVATION PROGRAMS MANAGEMENT OF WILDLIFE ON 3000 HTHYLOGY MEDITERRANEAN BIOLOGICAL STUDIES PROGRAM OCFAN AY FOR DISPERSAL BETWEEN RFD SEA AND MEDITERRANEAN OCFAN TDA ALRICANS ULTRACENTRIFUGATION YEAST CELLS IN GRADIENT	ABANDONMENT AND DECAY ANTI STRIP MINING LEGISLAT ABATEMENT ACID MINE DRAINAGE POLLUTION ABATEMENT ABATEMENT AND PLANNING THALIUM POLLUTION HAZARD ABATEMENT AND PLANT RESPONSE GRASS RESPONSE TO P ABATEMENT COSTS CONNECTICUT RIVER MARINE RESOUR ABATEMENT STUDY NATURAL RESOURCE MANAGEMENT ENVI ABATEMENT WORLD HERITAGE TRUST LIVING RESOURCE ABIES RICEA SYSTEMS MODEL OF SALT MARSH ECOLOG ABNORMALITIES IN BIVALVE SHELLFISH CULTURE OF M ABORTION-JAMAICA ECOLOGY OF HUMAN DISEASES IN P ABSORPTION BY PLANT CELLS PLANT MINERAL NUTRITI ABSORPTION EFFECT OF FLOODING ON SWAMP FOREST P ABSORPTION FOLIAR FERTILIZATION ION STIM. ATPAS ABSTRACTOR HUMAN PATROLOGY MICROSCOPY CLINICA ACANTHOR MEMBRANES IN TWO FISH SPECIES ACARICIDES/INSECTICIDES METABOLISM OF PESTICIDES ACAROLGY SOIL MITES (ORIBATEI) LIFE HISTORY S ACCEL. EUTROPHICATION THRESHOLDS ACHIEVING STABL ACCELERATED EUTROPHICATION IN A SOUTH DAKOTA LAB ACCELERATED EUTROPHICATION THRESHOLDS LAKES GRE ACCENT IN ORNITHOLOGY APPRAISAL OF A SUMMER CAMP ACCLIMATIZATION OF HS SPARROW TO COLD ACCOTHION ON FISH POPULATIONS IN NORTHERN MAINE ACCUSTIC BEHAVIORS	747 747 447 610 471 747 677 727 721 352 771 403 510 296 775 7 533 437 365 437 400 40 73 809
ACER SPEEDS COMPARISON OF PROTEINS OF JUGLANS SEE ACHENES ESTUARINE PLANTS OF RIVERS NEAR PHILADEL ACHIEVE OBJECTIVES WHITETAILED DEER RESEARCH EST ACHIEVING STABLE PREDATOR - PREY INTERACTIONS TE ACID AND GAS PRODUCTION IN SANITARY LANDFILLS DE ACID DISTRIBUTION IN THE DEVELOPING CHICK HEART ACID GEOCHEMISTRY OF MARINE SEDIMENTS TRACE META ACID MINE DRAINAGE ABATEMENT WORLD HERITAGE TRUS ACID MINE DRAINAGE BY NEUTRALIZATION DEVELOPMENT OF ACID MINE DRAINAGE FISHERY SURVEY OF PINE CREEK ACID MINE DRAINAGE POLLUTION ABATEMENT STUDY NAT ACID MINE DRAINAGE PURIFICATION OF ACID MINE DRA ACID MINE DRAINAGE STREAM BIOLOGICAL EFFECTS OF ACID MINE DRAINAGE WATERS DOWN WIND TRAVEL OF CH ACID MINE POLLUTION SEDIMENTS OF DELMARVA INTRAC ACID MINE WATERS MACROBENTHIC ASSOCIATIONS IN RI ACID CN SOYBEANS ENVIRONMENTAL FACTORS AND CULT ACID SPOILS IN SOUTH ILL. PRE-PLANNING FOR TOTA ACIDS AND MARINE INVERTEBRATES NITROGEN CYCLE I ACIDS IN DIFFERENTIATING EMBRYONIC SYSTEMS AND P ACIDS IN MARINE FOOD WEBS LONG-TERM OBSERVATIONS ACIDS IN MOTH OVARY CELLS SUBMICROSCOPIC DISTRI ACOUSTIC RECEPTION AND ORIENTATION OF LARGE SHAR ACOUSTICS	161 H10 747 447 610 471 747 677 727 721 352 771 403 510 296 775 7 533 437 365 437 400 40 73 809	
ACRE FARM ECOLOGICAL STUDIES FARM GANE INSECT RE ACRE PROJECT SYSTEMATICS AND ZOOGEOG. OF . C.MAN ACRE STUDIES STUDY OF INFLUENCE OF TOWING SPEED ACRYLAMIDE GROWTH STIMULATION OR INHIBITION B		685 705 5 171 238 444 19 252 19 161 H10 747 447 610 471 747 677 727 721 352 771 403 510 296 775 7 533 437 365 437 400 40 73 809

TABLE 3 - RESEARCH OF CONSISTENT EXPERIENCE AND RESEARCH FIELD

PRODUCTION US USSR ENVIRONMENTAL PROGRAM TOXIC SUBSTANCES	ACT BIOCHEMICAL AND PHYSIOLOGICAL EFFECTS OF PE	541
ING PLANT DISEASES WRITING BOOK-"CHEMISTRY OF FUNGICIDICAL	ACTION" BIOLOGY OF HELMINTHOSPORIUM MAYDIS RACE	442
ASSOCIATED ANTIGEN ROLE OF HORMONES IN CANCER ENZYMES IN	ACTIVATED SLUDGE TEST FOR HEPATITIS	478
RE ESTUARY HETEROTROPHY ON THE CONTINENTAL SHELF NEUTRON	ACTIVATION ANALYSIS OF LAKE SEDIMENTS BIOLOGICA	812
ANAMA & MEXICO INSECT PEST CONTROL AND PLANT QUARANTINE	ACTIVITIES CONSULTANT - USE OF PESTICIDES - CENT	563
	CYTOCHEMISTRY OF CHROMOSOMAL	601
RVEY PINE BLUFF ARSENAL, ARKANSAS IDENTIFY AND EVALUATE	ACTUAL AND POTENTIAL SOURCES OF AQUATIC POLLUTIO	542
ITY OF SULFITE WASTE LIGAOC TO R. TROUT FISH BIOASSAYS	ACUTE & SUBLETHAL EFFECTS OF POLLUTANTS TO FISH	281
METALS FISH ACUTE TOXICITY HEAVY METALS FISH TEMPERATURE	ACUTE TOXICITY HEAVY METAL BENTHIC HEAVY METAL	576
VY METAL TOXICITY TOWARD FRESH WATER AQUATIC COMMUNITIES	ACUTE TOXICITY HEAVY METALS FISH ACUTE TOXICITY	576
TER AQUATIC COMMUNITIES FLE TOXICITY HEAVY METALS FISH	ACUTE TOXICITY HEAVY METALS FISH TEMPERATURE ACU	576
ES EVALUATION OF ANTIMALARIAL COMPOUNDS IN IMP. MONKEYS	ACUTE TOXICITY OF PESTICIDES TO ESTUR. COPEPODS	394
H EMPHASIS ON DISEASE TRANSMISSION AND VECTOR BIOCONTROL	ADAPTATION OF HUMAN MALARIA TO ANIMAL MODELS MED	755
HIBIANS AND REPTILES AMPHIBIANS AS POLLUTION INDICATORS	ADAPTATIONS OF REPTILE BLOOD ENVIRONMENTAL PHYS	561
ION OF HS SPARROW TO COLD VERTEBRATE	ADAPTATIONS TO TEMPERATURE EXTREMES ACCLIMATIZAT	40
L AND POPULATION GENETICS OF MAN AND INSECTS GENETICS CP	ADAPTIVE RACE FORMATION DYNAMICS OF TWO LOCUS SY	732
E WATER SPECIALIZED CHEMISTRY - VITAMIN STUDY SOFT DRINK	ADDITIVES STUDY - WATER-SWEETENER SYSTEMS ENVIRON	479
P SMALL MAMMALS ON IRON-TITANIUM MINE WASTE DUMPS IN THE	ADIRONDACK MOUNTAINS THE BIOLOGY OF THE CLOUDLAN	398
D DEER AND URBAN WILDLIFE CATSKILLS NEW YORK BEAR STUJY	ADIRONDACKS BEAR STUDY LIFE HISTORY AND MANAGEM	486
LOSED FOOD CYCLES	ADMIN. OF RESEARCH AND OTHER PROGRAMS YEAST IN C	174
AMS DIRECTING ALLSTATE FRESHWATER RESEARCH & MANAGEMENT	ADMINISTERING FISHERY RESEARCH AND MANAGEMENT PR	29
INVERTEBRATE ZOOLOGY MARINE-ESTUARINE ECOLOGY; SCIENCE	ADMINISTRATION; SCIENTIFIC WRITING MEMBER PRPSID	112
PVEY OF C & D CANAL LONG-TERM EFFECTS OF CORTICOSTEROIDS	ADMINISTERED TO NEWBORN RATS ENVIRONMENTAL PHYSI	717
IF MUTUAL AND ENVIRONMENTAL INTERDEPENDENCE TREATMENT CP	ADOLESCENT PRIMARY BEHAVIOR DISORDERS WORKSHOP C	120
VIOR DISORDERS WORKSHOP COMMUNITY CENTER FOR UNMOTIVATED	ADOLESCENTS SYSTEM ANALYSIS OF INDIVIDUAL PATIEN	120
TOFAUNA ENERGETICS SALT MARSH POLLUTION MEDFAUNO NORTH	ADRIATIC DIVERSITY DEEP SEA MEIOFAUNA MARINE BE	151
IN SEAWATER ORGANIC MATTER IN SEA WATER CONFORMATION OF	ADSCREED PROTEINS ORGANIC MATTER AND TRACE ELEM	751
OF SYNTHETIC ORGANIC COMPOUNDS IN THE MARINE ENVIRONMENT	ADSORPTION OF CHLORINATED HYDROCARBONS FROM SEAW	309
L - FISH EVALUATION OF SEX STROPS METHOD - STRIPED BASS	ADULT AND YOUNG FISHES OF CHESAPEAKE BAY AND TRI	586
LATION SURVEY OF SEA BASS FISHERY POPULATION DYNAMICS CP	ADULT ATLANTIC MENHADEN BIostatistical ANALYSIS	234
ND GROUP ENVIRONMENTAL CHANGE AND EFFECTS ON WILDLIFE	ADULT EDUCATION EFFECTS OF STRIP MINING ON DEER	606
UTION AND ENTRAPMENT EFFECTS ON ICHTHYOPLANKTON THROUGH	ADULT FISHES RESEARCH BIOLOGIST - CONNECTICUT RI	456
AL VALUES OF WETLANDS EDITORIAL CONSULTANT ENVIRONMENTAL	ADVISCR ECOLOGICAL IMPLICATION OF BROAD SPECTRU	488
BIC DIGESTION EFFECTS OF PH INORG C AND O-PO BIOLOGICAL	ADVISOR MICROBIOLOGY-PHYSIOLOGICAL ECOLOGY-ALGA	386
HERTES MANAGEMENT INCLUDING AQUATIC WEED CONTROL AQUATIC	ADVISCR - WEED CONTROL AND FISHERY DEVELOPMENT L	550
TATION SCIENCE AND VEGETATION MANAGEMENT OWNER TECHNICAL	ADVISCR DIRECTOR	202
ENVIRONMENTAL EFFECTS OF CHEMICALS PRESENT STAFF SCIENCE	ADVISCR HAZARDOUS MATERIALS ADVISORY COMMITTEE	452
OMOUS FISH PASSAGE AND PROTECTIVE FACILITIES ENGINEERING	ADVISCR TO TECHNICAL AND POLICY COMMITTEE FOR FI	587
GRADATION OF LIGNIN DEVELOPMENT OF NOVEL WASTE TREATMENT	AERATCR DECOLORIZATION OF DYE PLANT EFFLUENTS M	694
YIELD OF DOUGLAS FIR TREE AND STAND DATA FROM LOW-LEVEL	AERIAL PHOTO RESPONSE OF DOUGLAS FIR TO UREA FER	490
MONTAUK PT. AND CHESAPEAKE BAY PHYTOPLANKTON COMMUNITIES	AERIAL PHOTOGRAPHIC STUDIES OF COASTAL WATERS OF	115
NG TO STUDY PHYTOPLANKTON COMMUNITIES AND WATER MOVEMENT	AERIAL PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHE	115
ONSE TO STRESS REMOTE SENSING OF GYPSY MOTH DEFOLIATION	AERIAL SENSING FOR EVALUATING; STRESS IN VEG. L	592
ARINE PHYTOPLANKTON AND ANGIOSPERM PHYSIOLOGICAL ECOLOGY	AERIAL SURVEILLANCE SPILL PREVENTION APPL. OF ER	458
T OF COLLECTOR FOR OIL SPILLS DEVELOPMENT OF FILTERS ECR	AEROSOLS SYNTHESIS AND APPLICATIONS OF POLYMERS	60
MAN MALARIA TO ANIMAL MODELS MEDICAL ENTOMOLOGY OF RURAL	AFGANISTAN EFFECT OF MICROSPORIDAN PARASITES ON	755
OLOGY OF CARIBOU POPULATION ECOLOGY OF THE ZEBRA IN EAST	AFRICA VERTEBRATE ECOLOGY EC	653
OF BATOM CELL WALLS PALEOBOTANY OF LAKE KIVU-CENTRAL	AFRICA PHYTOPLANKTON TAXONOMY AND ECOLOGY AND I	320
CHIRONOMIDS W.H.O. CONSULTANT MOSQUITO CONTROL BY FISH	AFRICA W.H.O. CONSULTANT MOSQUITO CONTROL BY FIS	46.
OR ARTIFICIAL INCUBATION OF SPARROW HAWK EGGS ECOLOGY CP	AFRICAN EAGLES COMPARATIVE FEEDING ECOLOGY OF BL	665
EPTION IN ARROW WORMS STRATIFICATION AND TRANSPARENCY IN	AFRICAN LAKES AQUATIC PRIMARY PRODUCTIVITY IN T	475
ASUREMENT AND REGULATION REGULATION OF PHOTOSYNTHESIS IN	AFRICAN LAKES PHONORECEPTION IN ARROW WORMS STRA	475
N N FISH ESTUARINE FISH BIOLOGY AND ECOLOGY DISTRIBUTION	AGE AND ECOLOGY OF SPOTTED HAKE TEMPERATURE SELE	35
SO SAMPLING TECHNIQUES FOR FISHES SR RESEARCH BIOLOGIST	AGE AND GROWTH STUDIES ON FISHES OF A RESERVOIR; R	322
HES OF VIRGINIA'S EASTERN SHORE POPULATION BIOLOGY AND	AGE GROWTH ANALYSES OF FISHES AGE GROWTH AND DI	579
ENVIRONMENTAL EDUCATION BOTH TECHNICAL AND GENERAL ALL	AGE LEVELS MULTI. MEDIA PRESENTATIONS PRECIOUS	525
EPIDEMIOLOGY OF EASTERN EQUINE ENCEPHALITIS PHYSIOLOGICAL	AGE OF MOSQUITOES INSECTS OF MEDICAL IMPORTANCE	499
NETICS THEORY AND MATHEMATICAL ECOLOGY OF FOREST SPECIES	AGE STRUCTURE IN UNSTABLE ENVIRONMENTS AGE VARIA	506
CF FOREST SPECIES AGE STRUCTURE IN UNSTABLE ENVIRONMENTS	AGE VARIATION IN GENETIC CONTROL OF GROWTH RESEA	506
E POPULATION BIOLOGY AND AGE GROWTH ANALYSES OF FISHES	AGE GROWTH AND DISTRIBUTION OF BLACK DRUM ANALO	579
THERINE SD, POTOMOC RIVER, MD MARINE FISHERIES BIOLOGY;	AGE-GROWTH LIFE HISTORIES; ENVIRONMENTAL IMPACT	48
PEST MANAGEMENT AS IT RELATES TO ACTIVITY OF THE FEDERAL	AGENCIES CATEGORIZATION OF PESTICIDES USED BY FE	804
AL AGENCIES CATEGORIZATION OF PESTICIDES USED BY FEDERAL	AGENCIES TRAINING OBJECTIVES & STDS FOR FEDERAL	804
OF CHEMICAL-PHYSICAL WEATHERING SYSTEMS IN COLD CLIMATES	AGGREGATE QUALITY JUDGMENT PHYSICAL-CHEMICAL WEA	51
LIFE HISTORY OF FISHES; SEXUAL MATURITY; RECONDITI;	AGING SEX RATIOS LIFE HISTORY OF SKIPJACK TUNA	44
ERS POULING ORGANISMS IN ESTUARINES-EFFECTS OF HURRICANE	AGNES FLOOD ECOLOGY OF PELAGIC LARVAE OF MOLLUSK	16
ENT OF COMMERCIAL MOLLUSKS AND FISH EFFECTS OF HURRICANE	AGNES ON CHESAPEAKE BAY BIOLOGY OF THE GOODUCK C	14
AL PHYSIOLOGY OF MARINE ANIMALS IMPACT OF TROPICAL STORM	AGNES ON DELAWARE ESTUARY ECOLOGICAL SURVEY OF C	717
	AGRIUBUSINESS COUNCIL INC.	105
, INC.	AGRIUBUSINESS MANAGEMENT THE AGRIBUSINESS COUNCIL	105
CAL CONTROL RESEARCH ASSOCIATE RESEARCH OFFICER - PUNJAB	AGRIC. UNIV. INDIA RESEARCH ALKALI BEE MANAGEMEN	43
KES AND PONDS HERBICIDES IN SOD PLANT CROPS RESEARCH CP	AGRICULTURAL CHEMICALS AND IMPACT ON ENVIRONMENT	68
M EVALUATION OF SEVIN 4 OIL IN FOREST SYSTEM ANALYSIS CP	AGRICULTURAL CHEMICALS IN CROPS ENVIRONMENTAL I	786
AND THEIR EFFECT ON THE ENVIRONMENT THE APPLICATION CP	AGRICULTURAL CHEMICALS I.E. THE USE OF PESTICID	401
F ELECTRICAL TRANSMISSION CONTROL OF BIRD PREDATION CN	AGRICULTURAL CROPS VERTEBRATE ECOLOGY - EVOLUTI	101
SOIL FERTILITY AND PLANT NUTRITION LAND RECIAMATION	AGRICULTURAL ECONOMIC DEVELOPMENT	335
CROPS ENVIRONMENTAL IMPACT OF PESTICIDES IN FOREST AND	AGRICULTURAL ECOSYSTEMS EVALUATION OF DYLOX IN P	786
JII MORTALITY AND DISPERSAL OF INSECT POPULATIONS WITHIN	AGRICULTURAL OR FOREST ECOSYSTEMS INSECT DISPERS	334
NT BREEDING RESEARCH EVALUATION AND MANAGEMENT GENERAL	AGRICULTURAL PRODUCTION COMPREHENSIVE REVIEW OF	338
CTION COMPREHENSIVE REVIEW OF RESEARCH - PLANT BREEDING	AGRICULTURAL PRODUCTIVITY OF SUBARCTIC ALASKA TA	338
SUBARCTIC ALASKA TASK FORCE ON SPATIAL HETEROGENEITY IN	AGRICULTURE PLANT BREEDING RESEARCH EVALUATION	338
T SITE SELECTION IN CASANANCE RECOMMENDATIONS FOR AID IN	AGRICULTURE DEV. NIGER COOPERATIVE DEVELOPMENT	142
TEMPORARY SCIENTIST INTERNATIONAL INSTITUTE OF TROPICAL	AGRICULTURE PLANT BREEDER GRAIN LEGUMES CONSULT	503
T DROUGHT, COLD, SHADE AND WEAR STUDIES WITH TORFGRASSES	AGRONOMY - TURFGRASS MANAGEMENT FORAGE CROPS MAN	789
TRONMENTAL EFFECTS OF DEVELOPMENT SOUTH FLORIDA REGIONAL	AIRPORT SITE SELECTION STUDY EFFECT OF MAINTENANCE	2

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

NTIFICATION OF PAPER MILL WASTES FIBROUS CONTAMINANTS IN ION MANAGEMENT; PLANT GEOGRAPHY; FOREST ECOLOGY PLANTS -	AIR PLANT MORPHOLOGY AND TEXTILE FIBER RESEARCH	263
AIR MONITOR DEVELOP OIL IN WATER MONITOR DEVELOPMENT OF	AIR - NOISE - MICROCLIMATE INTERACTIONS WILD SHR	186
SE OF CLUDDIZED BED ELECTRODE TO CLEANUP PLATING WASTES	AIR AND WATER MONITORING METHODS AND INSTRUMENTS	565
IMPACT STATEMENT ON HYDROELECTRIC PROJECT FUEL ENERGY	AIR AND WATER POLLUTION CONTROL REMOVAL OF IRON	783
TS DEVELOP PHOSPHORUS IN WATER MONITOR DEVELOP SULFUR IN	AIR AND WATER POLLUTION CONTROL SOLVENT REFINED	372
OGY & POPULATION ECOLOGY CONSULTATION FOR THE PURCHASE OF	AIR MONITOR DEVELOP OIL IN WATER MONITOR DEVELOP	565
PLANT IDENTIFICATION VEGETATION MAP SOUTHAMPTON NY FROM	AIR PARTICULATE SAMPLING EQUIPMENT PLANT PHYSIO	477
WEB PLANT IN EDMONTON, ALBERTA TOXICOLOGICAL EFFECTS OF	AIR PHOTOS FOREST ECOLOGY SAMPLING METHODS STA	41
EFFECTS OF AIR POLLUTANTS BIOLOGICAL EFFECTS OF OXIDANT	AIR POLLUTANTS BIOLOGICAL EFFECTS OF OXIDANT AIR	261
CAL EFFECTS OF OXIDANT AIR POLLUTANTS EFFECTS OF OXIDANT	AIR POLLUTANTS EFFECTS OF OXIDANT AIR POLLUTANTS	261
EFFECT OF	AIR POLLUTANTS HEALTH EFFECTS OF POWER PLANT IN	261
RS	AIR POLLUTANTS ON HOST DEFENSE MECHANISMS	787
NOISE AND RELATED LAND POLLUTION AND LAND USE PLANNING	AIR POLLUTION AND INDUSTRIAL HYGIENE PAST 30 YEA	739
ON W. VA.	AIR POLLUTION CONTROL FROM WASTE WOOD RECYCLING	434
N AND FOREST ECOSYSTEMS URBAN METAL POLLUTION OF PLANTS	AIR POLLUTION ECONOMIC EFFECTS OF AIR POLLUTION	631
EFFECT OF ETHYLENE ON FLOWER PIGMENTS STRESS ON PLANTS	AIR POLLUTION INHIBITION OF PHOTOSYNTHESIS ROOT	664
ONS HOUSE SPARROW ENERGETICS AND DISTRIBUTION EFFECTS OF	AIR POLLUTION MONITORING WITH PLANTS INFLUENCE O	155
AIR POLLUTION ECONOMIC EFFECTS OF	AIR POLLUTION ON SMALL MAMMALS ENERGETICS OF PAS	65
L PLANNING ENVIRONMENTAL IMPACT ASSESSMENT STUDY HIGHWAY	AIR POLLUTION ON W. VA.	631
ISPOSAL AND INCINERATOR CORROSION SOLID WASTE DISPOSAL	AIR POLLUTION STUDIES ENVIRONMENTAL POLLUTION C	6
LEAD IN COASTAL WATERS THERMODYNAMICS AND KINETICS	AIR POLLUTION PLASTICS STUDIES ON SOLID WASTE D	45
Y DATA ANALYSIS LIGHTSHIP DATA AND WEATHER E. COAST U.S.	AIR PURIFICATION TRACE METALS IN LAKE WASHINGTON	25
WATER QUALITY ENVIRONMENTAL POLLUTION AS IT RELATES TO	AIR SEA INTERACTION METEOROLOGY AND PHYSICAL OC	122
AN ALUMINUM PRODUCER COSTS OF POWER POLLUTION CONTRCL	AIR WATER AND LAND QUALITY BIOLOGICAL IMPACT OF	652
CES OF HIGHWAYS ENVIRONMENTAL TOXICOLOGY ESPECIALLY CP	AIR NOISE AND RELATED LAND POLLUTION AND LAND	434
UES FOR FBAL STREPTOCOCCI EUTROPHICATION OF SMALL LAKES	AIR WATER AND OTHER POLLUTANTS LONG-TERM EFFEC	539
SEAWATER TRACE METAL BASELINE STUDIIS CHEMICAL EFFECT OF	AIRBORNE BACTERIA CONTROL MICROBIOLOGY OF ENVIR	436
EA AVIAN VULNERABILITY TO	AIRBORNE PARTICULATES ON SEAWATER FLUX OF METAL	429
WOOD ARSENAL MD INSULATION ASSESSMENT REDSTONE ARSENAL	AIRCRAFT MOVEMENTS GAME HABITAT DEMONSTRATION AR	736
D ARSENAL MD INSTALLATION ASSESSMENT REDSTONE ARSENAL	AL ENVIRON SURVEY PINE BLUFF AR INVENTORY AND	553
O ARSENAL MD INSTALLATION ASSESSMENT REDSTONE ARSENAL	AL PROJECT ASSESS OF PW PHOSPHORUS PLANT EDGEO	55
O ARTHROPODS PEST REPELLANCE BY REFLECTIVE MULCHES APHID	ALABAMA PRELIMINARY ENVIRON SURVEY PINE BLUFF AR	542
DA FJORD-LIKE BASIN DEEP-WATER CYCLOPOID COPEPODA GULF	ALARM PHEROME PLANT - INSECT INTERACTIONS HOST	761
- PLANT BREEDING AGRICULTURAL PRCDUCTIVITY OF SUBARCTIC	ALASKA SYSTEMATICS AND ECOLOGY OF FREE-LIVING M	170
IN ALASKAN WATERS BIOLOGICAL PRCDUCTIVITY IN COCK INLET	ALASKA TASK FORCE ON SPATIAL HETEROGENEITY IN AG	338
ITY GROWTH FACTORS VITAMINS TOXINS SHELLFISH TOXICITY IN	ALASKA VITAMINS IN AQUATIC SYSTEMS AQUATIC PROD	507
R ANADROMOUS FISHES (NOT SALMONIDS) ANADROMOUS FISHES OF	ALASKAN WATERS BIOLOGICAL PRODUCTIVITY IN COOK I	507
IR POLLUTANTS HEALTH EFFECTS OF POWER PLANT IN EDMONTON	ALBEMARLE SOUND N.C. AREA LONG RANGE RESEARCH NE	704
LIC BY-PRODUCTS IMMUNOELECTROPHORESIS RESISTANT CANDIDA	ALBERTA TOXICOLOGICAL EFFECTS OF AIR POLLUTANTS	261
F WATER RESOURCE PROJECTS ON FISH AND WILDLIFE RESOURCES	ALBICANS ULTRACENTRIFUGATION YEAST CELLS IN GRAD	605
ES CRANBERRY LAKE WATER QUALITY SURVEY FIRST-YEAR GROWTH	ALCCVY RIVER GEORGIA WATERSHED EVALUATION TOCKS	522
EARLY LIFE HISTORY; TAXONOMY OF SCIAENIDAE PARKER RIVER	ALFWIFE LAKE ONTARIO OPERATION CLEARWATER LIFE	211
- BASIC STATISTICAL APPLICATIONS AND POPULATION DYNAMICS	ALFWIFE MODELLING STUDY MERRIMACK RIVER DIVERSIO	137
R AND ESTUARINE FISHES POPULATION DYNAMICS OF ANADROMOUS	ALFWIFE UTILIZATION OF PARKER RIVER MASSACHUSET	581
ICAL CONTROL) SEARCH FOR AND IMPORTATION OF PARASITES OF	ALFWIVES ENVIRONMENTAL ASSESSMENT OF BRUNSWICK B	734
SECRETION OF MOLECULES BY	ALFALEA WEEVIL FROM EUROPE TO USA SEARCH FOR AND	200
MICROBIAL ECOLOGY; ALGAL VIROLOGY LYSOGENY IN BLUE-GREEN	ALGAE	1
DEVELOPMENTAL BIOLOGY OF	ALGAE	106
ECOLOGY AND TAXON	ALGAE	139
ECOLOGY OF INTERTIDAL MARINE	ALGAE	740
OF CERTAIN SEED PLANTS UPON GROWTH OF CERTAIN BLUE-GREEN	ALGAE PHYSIOLOGICAL PLANT ECOLOGY AND PLANT SYS	533
ICAL SURVEY OF A COASTAL BRACKISH LAKE BLUF GREEN	ALGAE - TAXONOMY GENERAL ECOLOGY PHYSIOLOGY	589
Y RESEARCH ASSISTANT CELLULOSE PRODUCTION BY PLANKTONIC	ALGAE AND EUTROPHICATION OF COASTAL PONDS ECOLOG	501
AL WASTES EFFECTS OF INDUSTRIAL DISCHARGES UPON BENTHOS	ALGAE AND FATE OF CELLULOSE IN LACUSTRINE ENVIRO	577
CONTROL OF WATERWEEDS IN LAKES PHYSIOLOGICAL ECOLOGY OF	ALGAE AND FISHES EFFECTS OF HEATED DISCHARGE UPO	8
AUNA ECOLOGY OF	ALGAE AND VASCULAR AQUATIC PLANTS - MINERAL CYCL	306
BRINE WASTES EVALUATION OF EFFECT OF 46 DYES ON FISH AND	ALGAE BENTHIC DIATOMS IN ESTUARY ESTUARINE EPIF	54
AND IMPACT ON ENVIRONMENT USE OF CHEMICALS ON RANGELAND	ALGAE COMPARISON OF ALUM AND IRON SULFATES FOR P	439
ECOLOGY AND TAXONOMY OF MARINE BENTHIC	ALGAE CONTROL IN LAKES AND PONDS HERBICIDES IN S	68
WATER POLLUTION ONTO RIVER	ALGAE ECOLOGY OF INTERTIDAL MARINE ALGAE	740
POOL DYNAMICS EFFECTS OF ORGANOPHOSPHATE INSECTICIDES ON	ALGAE ECOLOGY PERIPHYTIC DISCS ALGAL VIRUSES	359
NA RIVER POPULATIONS ECOLOGY SYSTEMATICS OF FRESH WATER	ALGAE EFFECTS OF LARVICIDES ON MICROCRUSTACEANS	600
L CYTOLOGY OF AQUATIC MICROORGANISMS COPPER TOLERANCE IN	ALGAE FRESH WATER ALGAE IN NORTH CAROLINA PHYTOP	627
RINE BOTANY ECOLOGY FOREST VEGETATION MAP SUCCESSION OF	ALGAE FUNGUS INHIBITION BY WOOD EXTRACTS FUNGUS	584
ONS ECOLOGY SYSTEMATICS OF FRESH WATER ALGAE FRESH WATER	ALGAE IN A TRANSECT BODEGA BAY CA. MA	795
AROLINA TAXONOMIC AND MORPHOLOGICAL KNOWLEDGE OF MARINE	ALGAE IN NORTH CAROLINA PHYTOPLANKTON OF DELAWARE	627
CELL BIOLOGY OF EUKARYOTIC MICROORGANISMS - PARTICULARLY	ALGAE ITS REPRODUCTION AND LIFE HISTORY FLORISTI	519
ZOOPLANKTON GRAZING; LAKE BIOLOGY FEEDING OF DAPHNIA ON	ALGAE MITOSIS IN A PHYTOFLAGELLATE	331
ALGAE UPTAKE AND METABOLISM OF DDT & DIELDRIN BY MARINE	ALGAE OF DIFFERENT SIZES UNPALATABILITY OF BUTTE	126
VIRONMENT PRODUCTIVITY - GULF OF MAINE THERMAL EFFECT ON	ALGAE PERSISTENCE OF DICHOLOBENIL & ENDOTHALL IN	578
VIRONMENT PRODUCTIVITY - GULF OF MAINE THERMAL EFFECT CN	ALGAE PRODUCTIVITY - FLORIDA STATES PRIMARY PRO	805
TOPLANKTON NIH TRAINEE - METABOLISM OF DDT BY FRESHWATER	ALGAE PRODUCTIVITY - FLORIDA STRAITS PRIMARY PR	806
KTON ON ALGAL POPULATIONS THE INTERACTION OF NUTRIENTS	ALGAE UPTAKE AND METABOLISM OF DDT & DIELDRIN BY	578
RING ALGAL ECOLOGY DIATOM AND BLUE-GREEN	ALGAE AND ZOOPLANKTON IN AQUATIC FOOD CHAINS TH	558
TION SPECIALIST MARINE PLANKTONIC	ALGAE ECOLOGY AND SYSTEMATICS POLLUTION MONITO	679
ONOMY LIMNOLOGY EUTROPHICATION OF ONEIDA LAKE NEW YORK	ALGAE. AT PRESENT I AM AN ENVIRONMENTAL INFORMA	778
R ANTARCTIC FRESHWATER LAKES ENVIRONMENTAL IMPACT STUDY:	ALGAL - BACTERIA SYMBIOSIS NORTH AMERICAN ALGAL	278
ALUATION PRE-IMPONDMNT STUDIES THERMAL EFFECTS STUDIES	ALGAL AND BACTERIAL ECOLOGY INVESTIGATIONS OF PR	532
INOPTILOLITE BIOLOGICAL WASTE TREATMENT NITRIFICATION	ALGAL ASSAY EVALUATION WATER QUALITY EV	769
OGY AND SYSTEMATICS, POLLUTION MONITORING	ALGAL ASSAY FISH BIOASSAY BRINE WASTES EVALUAT	439
L ECOSYSTEMS FOR THE STUDY OF WATER POLLUTION CONTROL OF	ALGAL ECOLOGY DIATOM AND BLUE-GREEN ALGAE ECOL	679
KTON IN AQUATIC FOOD CHAINS THE EFFECT OF ZOOPLANKTON CN	ALGAL POLLUTION PLANT PHYSIOLOGY (ALGAL) - ROLE	84
PLANKTON ECOLOGY THERMAL POLLUTION MODEL CP	ALGAL POPULATIONS THE INTERACTION OF NUTRIENTS	558
FIELD OF POWER GENERATION EFFECT OF THERMAL DISCHARGE CN	ALGAL PRODUCTION	63
	ALGAL PRODUCTIVITY ENVIRONMENTAL IMPACT ASSES	287

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

LAKE NEW YORK ALGAL - BACTERIA SYMBIOSIS NORTH AMERICAN MICROBIAL ECOLOGY;	ALGAL TAXONOMY LIMNOLOGY EUTROPHICATION OF OVER	174
ATER POLLUTION OHIO RIVER ALGAE ECOLOGY PERIPHYTIC CYCLES	ALGAL VIROLOGY LYSOGENY IN BLUE-GREEN ALGAE	106
THE DIATOM CYMBELLA CISTULA DIATOM COMMUNITY ANALYSIS;	ALGAL VIRUSES	109
IGNMENT I-78 PA. SOUTH LEG FREEWAY NORTHWEST EXPRESSWAY	ALGOLGY (FRESH WATER) ENVIRONMENTAL IMPACT STAT	447
T ENVIRONMENTAL STRESS ON SUCCESIONAL SPECIES PROPOSED	ALIGNMENT ENVIRONMENTAL STRESS ON SUCCESIONAL	74
TE RESEARCH OFFICER - PUNJAB AGRIC. UNIV. INDIA RESEARCH	ALIGNMENT I-78 PA. SOUTH LEG FREEWAY NORTHWEST	746
MISTRY ORGANIC COMPOUNDS IN A PENNSYLVANIA STREAM INDIC	ALIKALI BEE MANAGEMENT ECOLOGY - INSECT AND ANI	43
IOLOGY TRACE ELEMENTS IN BIOSPHERES NITROGEN NUTRITION &	ALKALOID BIOSYNTHESIS PIGMENTS OF CENTROSPERMAT	417
FLORA OF TAIWAN CHEMOSYSTEMATIC STUDIES OF AMERICAN OAKS	ALKALOID PRODUCTION IN GRASS ION ABSORPTION BY	771
STUDIES OF AMERICAN OAKS ALKALOID-BEARING PLANTS & THEIR	ALKALOID-BEARING PLANTS & THEIR ALKALOIDS	430
TEPS CORNING GLASS WORKS EFFECTS OF GLASS PLANT EFFLUENTS	ALKALOIDS FLORA OF TAIWAN CHEMOSYSTEMATIC	33
POPULATION DYNAMICS WEST SITE SELECTION IN WILD TURKEYS	ALLEGANY POWER COMPANY EFFECTS OF PUMP STORAGE	1
PHYSIOLOGICAL PLANT ECOLOGY AND PLANT SYSTEMS ECOLOGY -	ALLEGHENY RIVER PROJECT WILD TURKEY PRESEASONS PA	121
WILDLIFE AND RELATED NATURAL RESOURCES WILDLAND RESOURCE	ALLELOPATHY A STUDY OF THE EFFECT OF CERTAIN SEE	123
ERING FISHERY RESEARCH AND MANAGEMENT PROGRAMS DIRECTING	ALLOCATION PROCEDURE WILLIAMSBURG ENVIRONMENTAL	257
OF DOROSOMA PETENENSE IN ARIZONA POPULATION DYNAMICS OF	ALLSTATE FRESHWATER RESEARCH & MANAGEMENT ASSN	24
E IN ARIZONA POPULATION DYNAMICS OF ALOSA PSEUDOHARENGUS	ALOSA PSEUDOHARENGUS ALOSA PSEUDOHARENGUS POPULA	374
MAN'S IMPACT ON THE	ALOSA PSEUDOHARENGUS POPULATION MODELING AQUATI	374
S FOREST ECOLOGY SAMPLING METHODS STATISTICAL STUDIES	ALPINE ECOSYSTEM	428
B, DDT ORGANICS IN BOSTON HARBOR SEDIMENTS TRANSPORT AND	ALPINE ARCTIC AND WOOD PLANT IDENTIFICATION VE	41
MPLEX ENVIRONMENTAL TECHNOLOGY PROBLEMS WATER MANAGEMENT	ALTERATION OF ORGANIC CHEMICALS IN MARINE ENVIRO	636
ION OF EFFECT OF 46 DYES ON FISH AND ALGAE COMPARISON OF	ALTERNATIVES SOLID WASTE TECHNOLOGY ANALYSIS S	329
NDUSTRIAL POLLUTION CONTROL INDUSTRIAL WASTE TREATMENT -	ALUM AND IRON SULFATES FOR P REMOVAL ENHANCEMENT	479
POLLUTION CONTROL FROM WASTE WOOD RECYCLING ADVICE TO AN	ALUMINUM ANODIZING TEXTILE WASTE TREATMENT SYSTE	407
MARINE PLANKTONIC ALGAE. AT PRESENT I	ALUMINUM PRODUCER COSTS OF POWER POLLUTION CONTR	434
F DREDGE SPOIL RECLAMATION AND STABILIZATION OF DUMPS ON	AN AN ENVIRONMENTAL INFORMATION SPECIALIST	774
TINE ACTIVITIES CONSULTANT - USE OF PESTICIDES - CENTRAL	AMELIA ISLAND GRASSLAND FERTILITY AND MANAGEMEN	401
NTRAL AMERICA - GUATEMALA PESTICIDE CONSULTANT - CENTR	AMERICA - GUATEMALA PESTICIDE CONSULTANT - CENTR	542
LEE ESPECIALLY RARE AND ENDANGERED SPECIES AND IN LATIN	AMERICA - PANAMA & MEXICO INSECT PEST CONTROL A	543
FRESHWATER FISHERIES MANAGEMENT-IN NORTH	AMERICA AND CARIBBEAN ECOLOGICAL SURVEY VOLCANO	404
COLOGY AND SYSTEMATICS OF SMALL MAMMALS IN EASTERN NORTH	AMERICA CLINCH RIVER SURVEY	26
. EFFECTS OF FIRE ON PLANT COMMUNITIES IN EASTERN NORTH	AMERICA MICROHABITAT SELECTION IN SMALL MAMMALS	195
ES- SUSQUEHANNA RIVER EUTROPHICATION OF BUSH RIVER GREAT	AMERICA NATURAL AREA SURVEY OF WASHINGTON DC ME	710
ION AND FLORA PATTERNS OF VEGETATION VEGETATION OF LATIN	AMERICA PROJECT AQUATIC BIOLOGY-FRESHWATER FST	220
TIFICATION PREPARATION OF BOOKS AND MAPS U.S. AND LATIN	AMERICA TAXONOMY OF RAINFOREST CENTERS GROUPAP	174
F ONEDA LAKE NEW YORK ALGAL - BACTERIA SYMBIOSIS NORTH	AMERICA TREE IDENTIFICATION FOREST SURVEY NE NIC	434
BRATES - PARTICULARLY SOCIAL BEHAVIOR SOCIAL BEHAVIOR OF	AMERICAN ALGAL TAXONOMY LIMNOLOGY EUTROPHICATIO	272
KALOIDS FLORA OF TAIWAN CHEMOSYSTEMATIC STUDIES OF	AMERICAN CHAMELEON ENDOCRINOLOGY OF COLOR CHANGE	1
RETRIEVAL APPLIED TO FLORISTICS AND TAXONOMY FLORA NORTH	AMERICAN OAKS ALKALOID-BEARING PLANTS & THEIR AL	430
VIOR OF LEWIS WOODPECKERS BEHAVIOR AND ECOLOGY OF NORTH	AMERICAN PROGRAM INFORMATION	741
VITIES AND PERIODONTAL DISEASES SEARCH FOR CEPHALOSPORIN	AMERICAN WOODPECKERS; SAME FOR GROUND SQUIRRELS	741
HUMAN TISSUES ORGANIC CHEMISTRY OF WATER AND SEDIMENTS	AMIDASE ENZYME ANTIBIOTICS MICROBIAL GROWTH AND	751
ON CORAL REEFS CONTROL OF CHESAPEAKE BAY JELLYFISH FREE	AMINO ACID GEOCHEMISTRY OF MARINE SEDIMENTS TRAC	74
ENAL ELECTROLYTE AND WATER BALANCE IN FISH REPTILES AND	AMINO ACIDS AND MARINE INVERTEBRATES NITROGEN C	760
RONMENTAL PHYSIOLOGY OF FISHES AMPHIBIANS AND REPTILES	AMPHIETA ANOXIA AND NA LOSS IN BROOK TROUT AT L	740
ERPETOLOGY OF 2 FARM PONDS ECOLOGY OF SYMPATRIC SPECIES	AMPHIBIANS AS POLLUTION INDICATORS ADAPTATIONS O	471
NS OF REPTILE BLOOD ENVIRONMENTAL PHYSIOLOGY OF FISHES	AMPHIBIANS AND REPTILES AMPHIBIANS AS POLLUTION	561
E & ESTUARINE ECOLOGY MARINE AMPHIPOD CRUSTACEANS MARINE	AMPHIPOD CRUSTACEANS ECOLOGICAL SIGNIFICANCE OF	159
ETLANDS SHALLOW WATER MARINE & ESTUARINE ECOLOGY MARINE	AMPHIPOD CRUSTACEANS MARINE AMPHIPOD CRUSTACEANS	169
ENVIRONMENTAL PHYSIOLOGY PHYSIOLOGICAL EFFECTS OF INHALED	AMYL NITRITE EFFECTS OF OXYLAMINE ON SKIN CIRCUL	104
FRESH WATER AND ESTUARINE FISHES POPULATION DYNAMICS OF	ANADROMOUS ALEWIVES ENVIRONMENTAL ASSESSMENT OF	744
Y-FRESHWATER ESTUARIES OCEANS PHYTOPLANKTON FISHERIES	ANADROMOUS CLUPEID FISHERIES- SUSQUEHANNA RIVER	222
STRIPE BASS AND SMELT FISHERY LIFE HISTORY STUDIES OF	ANADROMOUS FISH OF THE NORTHWEST ATLANTIC DEVELOP	220
CTICUT RIVER BASIN PLANNING DESIGN AND CONSTRUCTION OF	ANADROMOUS FISH PASSAGE AND PROTECTIVE FACILITIES	587
FISH OF THE NORTHWEST ATLANTIC DEVELOPMENT OF COMMERCIAL	ANADROMOUS FISH RESOURCES STREAM IMPROVEMENT AND	220
ESTUARINE INVENTORY LIFE HISTORIES OF AND FISHERIES FOR	ANADROMOUS FISHES (NOT SALMONIDS) ANADROMOUS FIS	704
S OF AND FISHERIES FOR ANADROMOUS FISHES (NOT SALMONIDS)	ANADROMOUS FISHES OF ALABAMA SOUND N.C. AREA L	704
FISHERY UNIT CONNECTICUT RIVER PROJECT LIFE HISTORY OF	ANADROMOUS SPECIES AND OPERATION OF FISHWAYS ICH	226
F FISH POPULATIONS RESPONSE OF FISH TO POLLUTION CONTROL	ANADROMOUS TROUT MANAGEMENT ECOLOGY OF WARM WAT	277
OLOGICAL ECOLOGY-ALGAE AND BACTERIA METHANE PRODUCTION -	ANAEROBIC DIGESTION EFFECTS OF PH INORG C AND O	386
GETS DISSOLVED GASES TRACE METALS PLANKTON DECOMPOSITIO	ANAEROBIC WATER SYSTEMS TRACE METAL CYCLING MURI	2
CAL PROCESSES ARTIC OIL EXPLORATION ENVIRONMENTAL IMPACT	ANAL. REGIONAL SOLID WASTE MANAGEMENT JAMES RIVE	774
SES OF FISHES AGE GROWTH AND DISTRIBUTION OF BLACK DROM	ANALOG SIMULATION IN FISH POPULATION STUDIES MAK	579
ARACTERIZATION STUDY OF RHODE ISLAND SOILS MINERALOGICAL	ANALYSES OF CLAY SAMPLES STUDIES RELATED TO SOI	403
INIA'S EASTERN SHORE POPULATION BIOLOGY AND AGE GROWTH	ANALYSES OF FISHES AGE GROWTH AND DISTRIBUTION	579
RECOVERY OF CLINCH RIVER AQUATIC BIOLOGY ENVIRONMENTAL	ANALYSES OF THREE PROPOSED RESERVOIRS BIOLOGICAL	184
TACONITE DUMPING LAKE SUPERIOR ECOLOGICAL WATER QUALITY	ANALYSES RIVERS-LAKES POPULATION BIOLOGY THERMA	387
CEDAR BOG THE DIATOM CYMBELLA CISTULA DIATOM COMMUNITY	ANALYSIS; ALGOLGY (FRESH WATER) ENVIRONMENTAL I	347
ENT TRANSPORT IN OLIGOHALINE TIDAL MARSHES PHYSICAL AND	ANALYTICAL CHEMISTRY OF NATURAL AND POLLUTED WAT	1
RPHINS WATER ANALYSIS	ANALYTICAL CHEMISTRY OXIDATION - REDUCTION OR PO	430
CH: ZOOPLANKTON-FISH INTERACTIONS*IN PONDS CONSULTATION:	ANALYZE IMPACT OF NUCLEAR POWER PLANT RESEARCH:	151
IAL FAUNA OF THREE LAKE PROJECTS IN W. VIRGINIA SPARCF	ANALYZE SYSTEMATIZE STUDY FACTS TO ASSESS ENVI	169
ALS NEUROPATHOLOGIC EFFECTS OF METHYL MERCURY POISONING	ANATOMIC PATHOLOGY	444
OR HUMAN PATHOLOGY MICROSCOPY CLINICAL AND PATHOLOGIC	ANATOMIC PATHOLOGY PARTICULARLY REGARDING SPONT	245
S DEVELOPMENTAL PLANT	ANATOMY ANNUAL RAGWEED POLLEN CENSUS - 4 COMMONI	296
PHILADELPHIA SYSTEMATICS OF CYPERACEAE SYSTEMATIC LEAF	ANATOMY ENVIRONMENTAL ANALYSIS OF THREE DAM SITE	100
ATIVE NEUROANATOMY OF MAMMALIAN NERVOUS SYSTEM COMPARATIVE	ANATOMY OF BULRUSHES SCANNING ELECTRON MICROSCOP	628
STEMATICS	ANATOMY OF CRABPAIN BRAIN COMPAR	360
Y COMPARATIVE ANATOMY OF THE MONOCOTYLEDONS COMPARATIVE	ANATOMY OF PLANTS AS RELATED TO PHYLOGENY AND SY	695
PRIMARY PRODUCTIVITY OF PEGRASS COMMUNITY COMPARATIVE	ANATOMY OF THE MELANTHIOIDEAE SYSTEMATIC STUDIES	13
FISHES OF CHINCOTEAGUE BAY BIOLOGY OF FISHES FISH	ANATOMY OF THE MONOCOTYLEDONS COMPARATIVE ANATOM	13
RNE DISEASES MALACOLOGY	ANATOMY SURVEY FISHES OF BALTIMORE HARBOR SURVEY	784
TAN ANATOMY/INTEGUMENT DESCRIPTIVE AND FUNCTIONAL AVIAN	ANATOMY IMMUNOLOGY SYSTEMATICS MAKING WATER HO	173
	ANATOMY PARTICULARLY FEATHER STRUCTURE BRISTLES	646

TABLE 2 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ATHOLOGY IN THE HEALTH SCIENCES/PARAMEDICAL FIELDS	ANATOMY PHYSIOLOGY CHEMISTRY MICROBIOLOGY & P	629
3P STRUCTURE BRISTLES OF BIRDS INTEGUMENT OF BIRDS AVIAN	ANATOMY/INTGRUMENT DESCRIPTIVE AND FUNCTIONAL A	696
MENTAL IMPACT STATEMENT - NUCLEAR POWER DIATOM COMMUNITY	ANALYSES - CEDAR BOG THE DIATOM CYMBELLA CISTULA	347
S, BAHAMAS SEDIMENTOLOGY AND PALEOECOLOGY OF MODERN AND	ANCIENT CARBONATE SEDIMENTS PALEOECOLOGY OF TICHEN	90
OF ECOLOGICAL IMPLICATION OF BROAD SPECTRUM PESTICIDES	AND/OR THE SOCIO-ECOLOGICAL VALUES OF WETLANDS E	488
AND BARD PROPOSED NATIONAL PARK PANAMA WILDLIFE SURVEY	ANEGADA ISLAND BRITISH VIRGIN ISLANDS ECOLOGY A	408
A REMOTE SENSING OCEANOGRAPHY MARINE PHYTOPLANKTON AND	ANGIOSPERM PHYSIOLOGICAL ECOLOGY AERIAL SURVEILL	458
PRESERVATION PROGRAM CONSULTANT BIOLOGISTS NEOTROPICAL	ANGIOSPERM TAXONOMY; NE U.S. LOCAL FLORA; CONN.	424
C EVOLUTIONARY BIOLOGY OF MAMMALS BAT ECOLOGY	ANIMAL - PLANT INTERACTIONS MAMMALS OF NEW MEXIC	790
AN AND SMALL MAMMALS AND EXPERIMENTAL NATURAL HISTORY IN	ANIMAL BEHAVIOR PARASITES OF M	283
RYAE EXPERIMENTAL ANALYSIS ECOLOGY PHYSIOLOGY OF MARINE	ANIMAL BEHAVIOR ACOUSTIC RECEPTION AND ORIENTATI	799
ESPECIALLY INVERTEBRATE SENSE ORGANS NEUROPHYSIOLOGY AND	ANIMAL BEHAVIOR MECHANISMS OF INSECT FLIGHT COM	37
BEHAVIORS ETHOLOGICAL ASPECTS OF	ANIMAL BEHAVIOR WITH SPECIAL REGARD TO ACOUSTIC	809
AVION OF RED AND GRAY FOXES WILDLIFE ECOLOGY ESPECIALLY	ANIMAL BEHAVIOR POPULATION BIOLOGY PREDATION I	225
YA RESEARCH ALIKALI BEE MANAGEMENT ECOLOGY - INSECT AND	ANIMAL BEHAVIOR SYMBIOSIS INSECT MANAGEMENT B	43
INHALED GASEOUS IRRITANTS BERYLLIUM TOXICITY DIAGNOSIS	ANIMAL DISEASE INCLUDING TOXICOLOGIC DISEASE OXY	590
ION UPON MULE DEER INTERRELATIONSHIPS OF NUTRITION UICN	ANIMAL DISEASES AND PARASITES NUTRITION AND DISE	623
EMILKWEED BEETLE OROSPHILA DISPERSAL	ANIMAL DISPERSAL; BIOLOGY OF DIPTERA BIONOMICS O	520
NATURAL AREA SURVEYS ECOLOGY OF HEAVY METALS PLANT AND	ANIMAL DISTRIBUTION ABUNDANCE PARITY ECOLOGICAL	368
WILDLIFE MANAGEMENT AND	ANIMAL ECOLOGY	537
WATERWAY PROJECTS STATE PLAN FOR ENVIRONMENTAL EDUCATION	ANIMAL ECOLOGY - ENVIRONMENTAL INFLUENCES ON BEHA	270
UNPARTEIATED GROUSE PARASITES OF BIG GAME IN SOUTH DAKOTA	ANIMAL ECOLOGY AND MANAGEMENT AND TEACHING ENVIR	67
MINIA ECOSYSTEM EFFECT OF MIXED ON SECONDARY SUCCESSION	ANIMAL ECOLOGY SPECIES DIVERSITY ORNITHOLOGY	404
(TEMPERATURE PRESSURE ETC.) ON THE NORMAL AND DISEASED	ANIMAL EFFECT OF HIGH ENVIRONMENTAL TEMPERATURE	238
FOR WATER QUALITY AND SOIL EROSION MINERAL NUTRITION AND	ANIMAL HEALTH SOIL FERTILITY SOIL CHEMISTRY AN	649
MUTAGEN IN MICE MECHANISM OF TRYPAN BLUE TERATOGENESIS	ANIMAL MODEL SYSTEM FOR 2 4 5 T TERATOLOGY TESTI	49
IGN AND VECTOR BIOCONTROL ADAPTATION OF HUMAN MALAPIA TO	ANIMAL MODELS MEDICAL ENTOMOLOGY OF RURAL AGRARI	755
GLOBAL ECOLOGY ENERGY-BALANCE ENVIRONMENTAL PHYSIOLOGY	ANIMAL PHYSIOLOGY ENERGY BALANCE OF ORGANISMS UN	674
ED FIRE WILDLIFE RESPONSE TO WASTEWATER IRRIGATION WILD	ANIMAL POPULATION-HABITAT RELATIONSHIPS ECOLOGI	797
ENVIRONMENT A KNOWLEDGE CP	ANIMAL POPULATIONS AND THEIR RELATIONSHIP TO THE	683
ITY ECOLOGY IN THE DEEP SEA ECOLOGY OF SUBMARINE CANYONS	ANIMAL SEDIMENTS RELATIONSHIPS IN DEEP SEA SOLID	599
EFFECT OF LEAD IN ONCOGENESIS IMMUNOLOGY AND PATHOLOGY OF	ANIMAL VIRUS DISEASES LUMPHOCYTIC CHROMIENINGIT	397
GENESIS AND MAPPING SOIL INTERPRETATION LAND USE PATE CP	ANIMAL WASTE IN SOILS TROPICAL SOILS SOIL SURVEY	92
N ANALYSIS PURE WATERS PROGRAM STATE OF NEW YORK ROLE CP	ANIMAL WASTES IN WATER POLLUTION WATER QUALITY	344
MEDICAL CARE AND MANAGEMENT OF CAPTIVE EXOTIC	ANIMALS	189
BEHAVIORAL ECOLOGY OF AQUATIC	ANIMALS	793
TAL SPECIALIST EFFECTS OF WATER QUALITY AND QUANTITY ON	ANIMALS (MAINLY MOLLUSKS INSECTS CRUSTACEANS	166
WILDLIFE IN S.P. FOREST HABITATS CONTROL REPROD. DOMESTIC	ANIMALS APPL. EGG TRANSFER IN INDUCTION TWINS IN	614
INTERPRETING NATURAL HISTORY STUDY OF RARE AND ENDANGERED	ANIMALS ECOSURVEY OF CAPE VINCENT NEW YORK ECOLO	540
S; THEORETICAL ECOLOGY; BIOGEOGRAPHY OF TROPICAL MARINE	ANIMALS EFFECTS OF A PANAMA SEA-LEVEL CANAL STAR	557
OF STRIP MINES ON WILDLIFE MANAGEMENT OF UPLAND GAME	ANIMALS EFFECTS OF HIGHWAYS ON WILDLIFE EFFECTS	482
L ANALYSIS OF MARINE FISHERIES DATA INCLUDING ECOLOGY CP	ANIMALS ENERGETICS OF ESTUARINE FLOUNDER POPULAT	234
HEASANTS IN SOUTH DAKOTA ECOLOGY OF UPLAND AND BIG GAME	ANIMALS GROSS CHANGES OF THE BLACK HILLS PINE PO	568
FRED TO NEWBORN BATS ENVIRONMENTAL PHYSIOLOGY OF MARINE	ANIMALS IMPACT OF TROPICAL STORM AGNES ON DELAWA	717
ARTICULARLY REGARDING SPONTANEOUS DISEASES OF LABORATORY	ANIMALS NEUROPATHOLOGIC EFFECTS OF METHYL MERCUR	245
IC LARVAE OF MOLLUSKS IN ESTUARIES ECOLOGY OF ESTUARINE	ANIMALS ESPECIALLY DISEASES AND PARASITES OF SH	16
INE SYSTEMS, MASS. PHYSIOLOGY AND TOXICOLOGY OF AQUATIC	ANIMALS ESPECIALLY NERVOUS SYSTEMS NEUROPHARMAC	104
PIEDMONT FORESTS ECOLOGICAL RELATIONSHIPS OF VERTEBRATE	ANIMALS; ECOLOGY OF WETLAND ENVIRONMENTS ECOLOGY	118
ENCES AND ENVIRONMENTAL MANAGEMENT PRIMARY PRODUCTIVITY	ANNUAL AND SEASONAL LOBLOLLY PINE SITE PRODUCTI	571
EDWOOD SPECIES SILVICULTURE OF HARDWOOD AND MIXED STANDS	ANNUAL CANKER OF MAPLE APPLICATION OF ECOLOGY T	756
ANTS. THERMAL EFFECTS ON CHEMICAL/PHYSICAL PROPERTIES OF	ANNUAL PLANT FIBERS THE INFLUENCE OF THE PHYSI	160
N PATHOLOGY MICROSCOPY CLINICAL AND PATHOLOGIC ANATOMY	ANNUAL RAGWEED POLLEN CENSUS - 4 COMMUNITIES ABS	296
OPERATIVE FOREST FERTILIZATION AND WEIGHT QUALITY FIRST	ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTIL	608
H CAROLINA STATE FOREST FERTILIZATION COOPERATIVE SECCND	ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTIL	608
TH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE THIRD	ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTIL	608
ZATION COOPERATIVE FOREST SOILS AND FERTILIZATION FIRST	ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST	293
H CAROLINA STATE FOREST FERTILIZATION COOPERATIVE SECCND	ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST	293
TH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE THIRD	ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST	293
POLLUTION CONTROL INDUSTRIAL WASTE TREATMENT - ALUMINUM	ANODIZING TEXTILE WASTE TREATMENT SYSTEM INDUSTR	607
THOLYTE AND WATER BALANCE IN FISH REPTILES AND AMPHIBIA	ANOXIA AND NA LOSS IN BROOK TROUT AT LOW PH SALT	530
IC FUNGI ECOLOGY AND TAXONOMY AQUATIC FUNGI MODELING OF	ANTARCTIC ECOSYSTEMS PARASITIC AND SAPROPHYTIC A	536
(FUNGAL ETC.) ECOLOGY AND PHYSIOLOGY TESTING MODELS FOR	ANTARCTIC FRESHWATER LAKES ENVIRONMENTAL IMPACT	532
FEELING OF ANTARCTIC ECOSYSTEMS PARASITIC AND SAPROPHYTIC	ANTARCTIC FUNGI ECOLOGY AND TAXONOMY AQUATIC FU	536
REGATE QUALITY JUDGMENT PHYSICAL-CHEMICAL WEATHERING IN	ANTARCTICA ANALYSIS OF CHEMICAL-PHYSICAL WEATHE	51
GLIATION PHYSIOLOGICAL ECOLOGY WATER RELATIONS OF DESERT	ANTARCTIC ENERGETICS OF LOCOMOTION METABOLISM &	716
P CARCINOGENS ON MOUSE SKIN CHROMATIN TUMOR PROMOTION OF	ANTHRALIN IN MOUSE SKIN ORGANIC SYNTHESIS AND B	632
PETHEN APPALACHIANS COAL COMMUNITY ABANDONMENT AND DECAY	ANTI STRIP MINING LEGISLATION - CONSULTATION CO	810
ION PLANT WATER STUDIES PRESERVATION OF PLANT WATER WITH	ANTI-TRANSPARENT WATER USE BY PLANT MANAGEMENT	179
NOE WATER WATER POLLUTION SURVEILLANCE - BEACH RES. FOR	ANTIAROEBCIC AGENT BIOTECHNICIAN TRAINING MODULES	485
IS AND ACTIONS OF ANTI-BIOTICS ENVIRONMENTAL IMPACT PANEL	ANTI-BIOTIC ACTION ANTI-BIOTIC DEVELOPMENT CONTRO	77
ON OF ANTI-BIOTIC BIOSYNTHESIS ENVIRONMENTAL IMPACT PANEL	ANTI-BIOTIC BIOSYNTHESIS ACTION OF ANTI-BIOTICS A	76
NEL ANTI-BIOTIC ACTION ANTI-BIOTIC DEVELOPMENT CONTROL CP	ANTI-BIOTIC BIOSYNTHESIS AND ACTIONS OF ANTI-BIOTI	77
IC BIOSYNTHESIS ACTION OF ANTI-BIOTICS AND REGULATION CP	ANTI-BIOTIC BIOSYNTHESIS ENVIRONMENTAL IMPACT PAN	76
ANTI-BIOTICS ENVIRONMENTAL IMPACT PANEL ANTI-BIOTIC ACTION	ANTI-BIOTIC DEVELOPMENT CONTROL OF ANTI-BIOTIC BI	77
ONENTIAL DISEASES SEARCH FOR CEPHALOSPORIN AMIDASE ENZYME	ANTI-BIOTICS MICROBIAL GROWTH AND FERMENTATIONS	753
ONENTIAL IMPACT PANEL ANTI-BIOTIC BIOSYNTHESIS ACTION CP	ANTI-BIOTICS AND REGULATION OF ANTI-BIOTIC BIOSYNT	76
PMENT CONTROL OF ANTI-BIOTIC BIOSYNTHESIS AND ACTIONS OF	ANTI-BIOTICS ENVIRONMENTAL IMPACT PANEL ANTI-BIOTI	77
PERSENSITIVITY TO BERYLLIUM COMPOUNDS THE EFFECT OF LONG	ANTIBIOG ON EXPERIMENTAL PNEUMOCOCCIOSIS AN EXPER	95
D CONC. EFFECTS EFFECTS OF ENVIRONMENT ON PENETRATION CP	ANTICHOLINESTERASES THRU SKIN ENVIRONMENTAL PHY	164
TIVATED SLUDGE TEST FOR HEPATITIS ASSOCIATED	ANTIGEN ROLE OF HORMONES IN CANCER ENZYMES IN AC	478
G OF SAT. HYDROCARBON AS POULTRY BITICIDES EVALUATION OF	ANTIMALARIAL COMPOUNDS IN INF. MONKEYS ACUTE TO	394
OLUTION IN P. POLYXENES POPULATION DYNAMICS OF HARVESTER	ANTS METHODS IMPROVEMENT - PINK BOLLWORM PROGRAM	208
ANCE TO ARTHROPODS PEST REPELLANCE BY REFLECTIVE MULCHES	APHID ALARM PHEROME PLANT - INSECT INTERACTIONS	761
CE OF VEGETATION DIVERSITY ON INSECTS PESTICIDES INDUCED	APHID OUTBREAKS POPULATION DYNAMICS OF INSECTS	595
	APICULTURE; HONEY BEE BEHAVIOR	514

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ON AND SLOPE STABILIZATION CYCLE OF COAL IN THE NORTHERN POPULATION STUDIES FOREST SMALL MAMMALS IMPACT OF MAN ON IN S.E. FOREST HABITATS CONTROL REPROD. DOMESTIC ANIMALS	APPALACHIANS COAL COMMUNITY ABANDONMENT AND DECA APPALACIAN ECOSYSTEM ECOLOGY OF DISTURBED LANDS APPL. EGG TRANSFER IN INDUCTION TWINS IN CATTLE APPL. CP ERTS-1 TO FISHERY RESOURCE MANAGEMENT P APPR. JUICE SYSTEMATICS AND ECOLOGY OF FRESHWAT APPLY THIS TO WATER POLLUTION STUDIES ON THE ADU APPRAISAL OF A SUMMER CAMP LAKE ERIE NEAR BUFFA APPROXIMATION APPLICATION OF STATISTICAL THEORY AQUACULTURE AND BIOLOGY OF SEA TURTLES VERTEBRA AQUACULTURE FOR LONG ISLAND ABNORMALITIES IN BIV AQUACULTURE IN LOUISIANA SALT-MARSH IMPOUNDMENT AQUACULTURE OF MARINE SUSPENSION-FEEDERS WATER C AQUACULTURE OF SHRIMP AND SHELLFISH OIL SPILL IN AQUACULTURE POTENTIAL FOR MAINE MARINE BOTANY - AQUACULTURE SYSTEMS CARBON-14 BENTHIC ECOLOGY-F AQUATIC ADVISOR - WEED CONTROL AND FISHERY DEVEL AQUATIC ANIMALS	810 662 614 458 325 648 400 462 644 721 597 396 597 583 720 550 793
ES RIVERINE SYSTEMS, MASS. PHYSIOLOGY AND TOXICOLOGY OF ORGANIC COMPOUNDS DESCRIBING NUMBERS AND ACTIVITIES OF MINING ON ESTUARY SURVEY OF AQUATIC ORGANISMS IN ESTUARY RESEARCH TOXICOLOGY ECOLOGY BIOCHEMISTRY PEST CONTROL LOGICAL MONITORING BIOLOGICAL RECOVERY OF CLINCH RIVER ASITES EFFECTS OF FLUCTUATING WATER LEVELS FISHERIES AND RIVER EUTROPHICATION OF BOSH RIVER GREAT AMERICA PROJECT RAL REEPS MARINE MAMMALS FROM CAPE COD TO CAPE HATTERAS Y METAL BENTHIC HEAVY METAL TOXICITY TOWARD FRESH WATER HOSPHORUS PLANT, EDGEWOOD EVALUATE POLLUTION EFFECTS CN CLADOCERANS SIZE STRATEGIES IN CLADOCERANS STRUCTURE OF RECOVERY OF DAMAGED RIVERS PROTOZOAN COMMUNITY STRUCTURE OF ABBRY RESERVOIR ECOLOGICAL SURVEY OF WHITE ROCK LAKE PSEUDOHARENGUS ALOSA PSEUDOHARENGUS POPULATION MODELING LUTION CONTROL - PHYSICAL CHEMICAL AND BIOLOGICAL AND ILL RIVER RESEARCH AND SURVEY WORK IN	AQUATIC ANIMALS ESPECIALLY NERVOUS SYSTEMS NEUR AQUATIC BACTERIA EFFECT OF PHOSPHATE MINING ON E AQUATIC BACTERIA-CYCLING OF ORGANIC COMPOUNDS D AQUATIC BIOLOGY DIVISION OF FISHERY RESEARCH BR AQUATIC BIOLOGY ENVIRONMENTAL ANALYSES OF THREE AQUATIC BIOLOGY MANHADEN MIGRATIONS MANHADEN PAR AQUATIC BIOLOGY-FRESHWATER ESTUARIES OCEANS PH AQUATIC CHEMISTRY NUTRIENTS CARBON DIOXIDE SYST AQUATIC COMMUNITIES ACUTE TOXICITY HEAVY METALS AQUATIC COMMUNITIES ENVIRON MONITORING PROGRAM E AQUATIC COMMUNITIES; DISTRIBUTIONAL PROCESSES C AQUATIC COMMUNITY RESPONSE TO POLLUTION RAPID BI AQUATIC ECOLOGY - EUTROPHICATION PROCESSES AND B AQUATIC ECOLOGY AND FISHERIES BIOLOGY LIFE HISTO AQUATIC ECOLOGY ATP IN PLANKTON AS MEASURE OF BI AQUATIC ECOLOGY ECOLOGICAL SURVEY OF THE SCHUYLK AQUATIC ECOLOGY NUTRIENT - HYDROLOGIC INTERACTIO AQUATIC ECOLOGY SPECIALIZING IN PRODUCTIVITY STU AQUATIC ECOLOGY THERMAL POLLUTION EFFECTS ON AQUATIC ECOLOGY WITH A STRONG BACKGROUND IN ICHT AQUATIC ECOLOGY WITH EMEHASIS ON FRESHWATER FISH AQUATIC ECOLOGY ESPECIALLY FISHERIES PLUS POLL AQUATIC ECOLOGY; ENVIRONMENTAL POLLUTION INFECTI AQUATIC ECOLOGY; RADIATION ECOLOGY RADIATION EFF AQUATIC ECOSYSTEM PARAMETERS BACTERIAL GROWTH AN AQUATIC ECOSYSTEMS EFFECT OF ORGANIC ENRICHMENT AQUATIC ECOSYSTEMS IMPACT OF OIL SUPERTANKERS ON AQUATIC ECOSYSTEMS THERMAL EFFECTS ATLANTIC COA AQUATIC ENTOMOLOGY POLLUTION OF UPPER TOWAWANDA AQUATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL ENVIRONMENT	104 336 336 749 184 40 222 551 576 55 10 103 469 376 85 554 432 495 38 337 569 209 414 644 257 399 497 98 455 337 323 735 132 209 558 134 536 639 21 802 46 339 678 279 38 8 8 38 38 654 243 584 46 414 336 604 306 542 475 507 507 117 342 31 772 550 107 183
NT GRASSLAND MANAGEMENT FOR HIGH YIELD PESTICIDES IN THE ITS ECOLOGY APPLICATION OF ECOLOGICAL PRINCIPLES TO THE RONMENTAL ENGINEER DOT ANALYSIS OF LAKE GEORGE SEDIMENTS THE INTERACTION OF NUTRIENTS ALGAE AND ZOOPLANKTON IN	AQUATIC ENTOMOLOGY POLLUTION OF UPPER TOWAWANDA AQUATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL ENVIRONMENT ENVIRONMENT EFFLUENT GUIDELINES FOR BEET ENVIRONMENT REMOTE SENSING OF THE OCEAN ENVIRONS OF EMERALD GREEN - N.Y. STATE D FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON FUNGI ACTIVITY OF WATER MOLDS IN A LAKE FUNGI MODELING OF ANTARCTIC ECOSYSTEMS P HABITATS - RESEARCH WITH PLETHODONT SALA HABITATS THEIR INHABITANTS AND THEIR H HETEROTROPHIC BACTERIA INSECT PESTS MOSQUITOES CHIRONOMIDS W. INVERTEBRATE EMBARRAS RIVER ILLINOIS FR INVERTEBRATES	85 554 432 495 38 337 569 209 414 644 257 399 497 98 455 337 323 735 132 209 558 134 536 639 21 802 46 339 678 279 38 8 8 38 38 654 243 584 46 414 336 604 306 542 475 507 507 117 342 31 772 550 107 183
EC AND SAPROPHYTIC ANTARCTIC FUNGI ECOLOGY AND TAXONCMY MANDERS BASLINE INVENTORY OF LAKE MICHIGAN ELEMENTS ECOLOGY OF ENERGY SOURCES OF	AQUATIC ENTOMOLOGY POLLUTION OF UPPER TOWAWANDA AQUATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL ENVIRONMENT ENVIRONMENT EFFLUENT GUIDELINES FOR BEET ENVIRONMENT REMOTE SENSING OF THE OCEAN ENVIRONS OF EMERALD GREEN - N.Y. STATE D FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON FUNGI ACTIVITY OF WATER MOLDS IN A LAKE FUNGI MODELING OF ANTARCTIC ECOSYSTEMS P HABITATS - RESEARCH WITH PLETHODONT SALA HABITATS THEIR INHABITANTS AND THEIR H HETEROTROPHIC BACTERIA INSECT PESTS MOSQUITOES CHIRONOMIDS W. INVERTEBRATE EMBARRAS RIVER ILLINOIS FR INVERTEBRATES	85 554 432 495 38 337 569 209 414 644 257 399 497 98 455 337 323 735 132 209 558 134 536 639 21 802 46 339 678 279 38 8 8 38 38 654 243 584 46 414 336 604 306 542 475 507 507 117 342 31 772 550 107 183
NTROL OF AQUATIC NUISANCE DIPTERA BIOLOGICAL CONTROL CP DISCHARGE EFFECTS ON HUDSON RIVER BENTHOS ENVIRON SURVEY ECOLOGICAL ENERGETICS CF	AQUATIC ENTOMOLOGY POLLUTION OF UPPER TOWAWANDA AQUATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL ENVIRONMENT ENVIRONMENT EFFLUENT GUIDELINES FOR BEET ENVIRONMENT REMOTE SENSING OF THE OCEAN ENVIRONS OF EMERALD GREEN - N.Y. STATE D FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON FUNGI ACTIVITY OF WATER MOLDS IN A LAKE FUNGI MODELING OF ANTARCTIC ECOSYSTEMS P HABITATS - RESEARCH WITH PLETHODONT SALA HABITATS THEIR INHABITANTS AND THEIR H HETEROTROPHIC BACTERIA INSECT PESTS MOSQUITOES CHIRONOMIDS W. INVERTEBRATE EMBARRAS RIVER ILLINOIS FR INVERTEBRATES	85 554 432 495 38 337 569 209 414 644 257 399 497 98 455 337 323 735 132 209 558 134 536 639 21 802 46 339 678 279 38 8 8 38 38 654 243 584 46 414 336 604 306 542 475 507 507 117 342 31 772 550 107 183
OLOGICAL SURVEY OF A BAY ON LAKE CHAMPLAIN BIOASSAYS ON ILTATION ON AQUATIC LIFE EFFECTS OF PAPER MILL WASTES ON E UPON AQUATIC LIFE EFFECTS OF PAPER MILL DISCHARGE UECN ENTHOS ALGAE AND FISHES EFFECTS OF HEATED DISCHARGE UPON TS ON AQUATIC LIFE EFFECTS OF TURBIDITY AND SILTATION ON TION ON THE AQUATIC ECOLOGY THERMAL POLLUTION EFFECTS CN AL ANALYSIS OF THREE PROPOSED RESERVOIRS, WEST VIRGINIA	AQUATIC ENTOMOLOGY POLLUTION OF UPPER TOWAWANDA AQUATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL ENVIRONMENT ENVIRONMENT EFFLUENT GUIDELINES FOR BEET ENVIRONMENT REMOTE SENSING OF THE OCEAN ENVIRONS OF EMERALD GREEN - N.Y. STATE D FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON FUNGI ACTIVITY OF WATER MOLDS IN A LAKE FUNGI MODELING OF ANTARCTIC ECOSYSTEMS P HABITATS - RESEARCH WITH PLETHODONT SALA HABITATS THEIR INHABITANTS AND THEIR H HETEROTROPHIC BACTERIA INSECT PESTS MOSQUITOES CHIRONOMIDS W. INVERTEBRATE EMBARRAS RIVER ILLINOIS FR INVERTEBRATES	85 554 432 495 38 337 569 209 414 644 257 399 497 98 455 337 323 735 132 209 558 134 536 639 21 802 46 339 678 279 38 8 8 38 38 654 243 584 46 414 336 604 306 542 475 507 507 117 342 31 772 550 107 183
S INVASION OF WOOD CULTURE DISTRIBUTION AND CYTOLOGY OF TANT MOSQUITO CONTROL BY FISH ASIA BIOLOGICAL CONTROL CF NMENTAL POLLUTION INFECTIOUS DISEASES THERMAL EFFECTS CN BACTERIA EFFECT OF PHOSPHATE MINING ON ESTUARY SURVEY CP QUATION FISH POPULATION DYNAMICS POPULATION DYNAMICS CF DS IN LAKES PHYSIOLOGICAL ECOLOGY OF ALGAE AND VASCULAR S IDENTIFY AND EVALUATE ACTUAL AND POTENTIAL SOURCES CF WORMS STRATIFICATION AND TRANSPARENCY IN AFRICAN LAKES TIVITY IN COOK INLET ALASKA VITAMINS IN AQUATIC SYSTEMS BIOLOGICAL PRODUCTIVITY IN COOK INLET ALASKA VITAMINS IN FLORINATION STUDY PROPOSAL CHEMICAL-PHYSICAL ASPECTS OF EOICION STREAM ENERGY BODGETS MATHEMATICAL ANALYSIS CF MINATION OF HEALTH AND SAFETY HAZARDS BIODEGRADATION AND LOGY ECOLOGY OF LYNETHIC BLUEGILL FRY IMPACT OF DYLOX CN HERIES SURVEY FRESHWATER FISHERIES MANAGEMENT INCLUDING . DIST. NEW YORK CONSULTANT - ECOLOGY, INC. POLLUTION - COLOGICAL STUDY ECOLOGICAL STUDY DELAWARE RIVER ESTUARY	AQUATIC ENTOMOLOGY POLLUTION OF UPPER TOWAWANDA AQUATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL ENVIRONMENT ENVIRONMENT EFFLUENT GUIDELINES FOR BEET ENVIRONMENT REMOTE SENSING OF THE OCEAN ENVIRONS OF EMERALD GREEN - N.Y. STATE D FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON FUNGI ACTIVITY OF WATER MOLDS IN A LAKE FUNGI MODELING OF ANTARCTIC ECOSYSTEMS P HABITATS - RESEARCH WITH PLETHODONT SALA HABITATS THEIR INHABITANTS AND THEIR H HETEROTROPHIC BACTERIA INSECT PESTS MOSQUITOES CHIRONOMIDS W. INVERTEBRATE EMBARRAS RIVER ILLINOIS FR INVERTEBRATES	85 554 432 495 38 337 569 209 414 644 257 399 497 98 455 337 323 735 132 209 558 134 536 639 21 802 46 339 678 279 38 8 8 38 38 654 243 584 46 414 336 604 306 542 475 507 507 117 342 31 772 550 107 183

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

C) GEOLOGIC FACTORS AFFECTING SOLUTION POROSITY OF KARST	AQUIFERS KARST AND CAVE HYDROLOGY AND GEOLOGY;	573
LOCAL TRANSPLANTS IN GENECOLOGY PHYSIOLOGICAL ECOLOGY OF	AQUILIFUGIA TERRESTRIAL PLANT ECOLOGY AND TAXONOMY	415
AND TAXONOMY DETERMINE SPEED OF GERMINATION IN SEEDS OF	AQUILEGIA USE OF RECIPROCAL TRANSPLANTS IN GENEC	415
L OF A SUMMER CAMP LAKE ERIE NEAR BUFFALO NY PARK LAND	ACQUISITION FINGER LAKES STATE PARK KEUKA LAKE	400
ASSESSMENT REDSTONE ARSENAL AL ENVIRON SURVEY PINE BLUFF	AF INVENTORY AND EVALUATE POTENTIAL SOURCES OF	553
ES ON MOSQUITOES & CHIKUNGUNYA VIRUS MEDICAL ENTOMOLOGY	APBVIROLOGY SEROLOGY ENVIRONMENTAL HEALTH SEROE	454
IL SCIENCE IN RESOURCE DEVELOPMENT FAO ARCHAEOLOGY ENGR.	ARCHAEOLOGY ENGR.	524
SOIL SCIENCE IN RESOURCE DEVELOPMENT FAO	ARCHAEOLOGY ENGR. ARCHAEOLOGY ENGR.	524
AND EVALUATION WATER QUALITY CRITERIA 1972 TELL EL HESI	ARCHBIOLOGICAL PROJECT CRITICAL PROBLEMS OF THE C	588
PHYSIOLOGY RESEARCH PHYSIOLOGY AND ECOLOGY OF MAMMALS IN	ARCTIC AND COLD CONDITIONS NUCLEAR POWER PLANT S	327
OF FREE-LIVING MARINE COPEPODA REVIEW OF SPINOCALANIDAE	ARCTIC COPEPODA VERTICAL DISTRIBUTION COPEPODA P	170
IMPACT SURVEY REVIEW OF TRANSALASKA OIL PIPE IMPACT REP.	ARCTIC MAMMAL PHYSIOLOGY RESEARCH PHYSIOLOGY AN	327
LITY MONITORING NETWORK VERTICAL DISTRIBUTION COPEPODS -	ARCTIC OCEAN MARINE WATER QUALITY MANAGEMENT CO	348
COLD REGION ECOLOGY AND TERRAIN OIL SPILL AND CLEAN UP	ARCTIC SOILS PERMAFROST TUNDRA ECOLOGY ENVIRON	82
T ECOLOGY SAMPLING METHODS STATISTICAL STUDIES ALPINE	ARCTIC AND WOOD PLANT IDENTIFICATION VEGETATION	41
CT OF ENVIRONMENTAL FACTORS (TEMPERATURE FORESTS BOGS	ARCTIC) ECOLOGICAL SURVEY FOR FORESTRY AND WILDL	171
MODEL OF SALT MARSH ECOLOGY OF HARSH ENVIRONMENT PLANTS	ARCTIC-ALPINE AND COASTAL TAXONOMY OF TOLOSTOMA	727
ABILITY TO AIRCRAFT MOVEMENTS GAME HARITAT DEMONSTRATION	AREA AVIAN VULNER	736
OSWEGO HARBOR AREA ZOOPLANKTON STUDIES IN OSWEGO HARBOR	AREA BIOLOGICAL LIMNOLOGY & FISHERIES BIOLOGY B	207
SUCCESSION CONSULTANT & EMPLOYEE - WISCONSIN SCIENTIFIC	AREA COUNCIL SURVEY. FOREST STRUCTURE & DYNAMIC	543
MARINE ORGANISMS ECOLOGY OF MILLSTONE POINT CONNECTICOT	AREA ECOLOGY OF NEW HAVEN HARBOR HISTOCHEMISTRY	333
SOUTHERN W. VA. ENVIRONMENTAL HEALTH PLAN ROADSIDE REST	AREA EVALUATION HELICOPTER DELIVERY OF MEDICAL C	512
STRUCTURE & DYNAMICS, ROCKY MOUNTAINS, COLORADO NATURAL	AREA EVALUATION; PLANT COMMUNITY; STRUCTURE DIV	543
SPECTS INCLUDING CHEMISTRY THE ECOLOGY OF THE BIRCH LAKE	AREA IN MINNESOTA PATHOLOGY AND HISTOLOGY OF PIN	365
NOT SALMONIDS) ANADROMOUS FISHES OF ALBEMARLE SOUND N.C.	AREA LONG RANGE RESEARCH NEEDS FOR N.C. FISHERIE	704
REVERSE OSMOSIS TREATMENT OF MINE DRAINAGE ROADSIDE REST	AREA STUDY SAFETY IN WASTE TRT. PLANTS BIOLOGICA	367
RE ON PLANT COMMUNITIES IN EASTERN NORTH AMERICA NATURAL	AREA SUPVEY OF WASHINGTON DC METROPOLITAN REGIO	710
STUDIES WILDLIFE INDICATORS OF ENVIRONMENT TRENDS NATURAL	AREA SURVEYS ECOLOGY OF HEAVY METALS PLANT AND	368
DECOMPOSITION OF CELLULOSE SOLID WASTE MANAGEMENT REST	AREA USAGE ACID AND GAS PRODUCTION IN SANITARY L	808
WATERS OF LAKE ONTARIO FISH STUDIES OF THE OSWEGO HARBOR	AREA ZOOPLANKTON STUDIES IN OSWEGO HARBOR AREA	207
VOIRS IN OKLAHOMA EST. TOTAL FISHING EFF. ON SHELF FROM	AREAL OBSERVATION EST. WT. FLOUNDER DISCARDED AT	535
DIRECTORY OF PERSONNEL OF THE COASTAL PLAINS REGION TWO	AREAS: (1) ENVIRONMENTAL EDUCATION WITH EMPHASIS	19
INDUCED GROWTH - RADIATION CHEMICAL MECHANICAL CHEMICAL	AREINOGENESIS MECHANISMS CONTROLLING ORGAN GROW	20
IVE STUDIES OF CANYON AND ROCK WRENS BEHAVIOR SYMPARTIC	ARIZONA GRASSLAND SPARROWS AVIAN ECOLOGY AND BE	730
FISHERIES BIOLOGY LIFE HISTORY OF DOROSOMA PETENENSE IN	ARIZONA POPULATION DYNAMICS OF ALOSA PSEUDOHAREN	376
ALABAMA PRELIMINARY ENVIRON SURVEY PINE BLUFF ARSENAL	ARKANSAS IDENTIFY AND EVALUATE ACTUAL AND POTEN	542
SPECIATION; ENVIRONMENTAL IMPACT STATEMENT DEVELOPMENT	ARMY CORPS WATER WAY PROJECTS STATE PLAN FOR ENV	270
ECOLOGY ENVIRONMENTAL HEALTH SEROEPIDEMIOLOGICAL SURVEY AT	ARMY RESEARCH BASES VECTOR STUDIES ON MOSQUITOES	454
IZATION MANAGEMENT OF DEPARTMENT OF	ARMY BEST MANAGEMENT PROGRAMS PESTICIDE CATEGOR	602
ION OF PHOTOSYNTHESIS IN AFRICAN LAKES PHONORECEPTION IN	ARROW WORMS STRATIFICATION AND TRANSPARENCY IN A	475
ERRESTRIAL POLLUTION ENVIRON MONITCRING PROGRAM EDGEWOOD	ARSENAL MD INSULATION ASSESSMENT REDSTONE ARSEN	553
GRAM EDGEWOOD ARSENAL MD INSULATION ASSESSMENT REDSTONE	ARSENAL AL ENVIRON SURVEY PINE BLUFF AR INVEN	553
M EDGEWOOD ARSENAL MD INSTALLATION ASSESSMENT REDSTONE	ARSENAL AL PROJECT ASSESS OF PW PHOSPHORUS PLAN	55
AN EDGEWOOD ARSENAL MD INSTALLATION ASSESSMENT REDSTONE	ARSENAL ALABAMA PRELIMINARY ENVIRON SURVEY PINE	542
E ARSENAL ALABAMA PRELIMINARY ENVIRON SURVEY PINE BLUFF	ARSENAL ARKANSAS IDENTIFY AND EVALUATE ACTUAL	542
OF AQUATIC POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD	ARSENAL MD INSTALLATION ASSESSMENT REDSTONE ARS	542
AQUATIC COMMUNITIES ENVIRON MONITORING PROGRAM EDGEWOOD	ARSENAL MD INSTALLATION ASSESSMENT REDSTONE AR	55
AL AND REPRODUCTIVE ISOLATION IN LYGAEIDS DESERT PLANT -	ARTHROPOD ASSOCIATIONS COMMUNITY ECOLOGY ECOLOG	119
TABOLISM AND MODE OF ACTION OF PESTICIDES IN MAMMALS AND	ARTHROPODS MODE OF ACTION AND DEGRADATION OF NEW	7
ME PLANT - INSECT INTERACTIONS HOST PLANT RESISTANCE TO	ARTHROPODS PEST REPELLANCE BY REFLECTIVE MULCHES	761
INEERING IMPACT ANALYSIS CHEMICAL AND PHYSICAL PROCESSES	ARTIC OIL EXPLORATION ENVIRONMENTAL IMPACT ANAL.	776
SPECIES ARTIFICIAL SHELTER AND FISH BEHAVIOR EFFECTS OF	ARTIFICIAL EUTROPHICATION ON FRESHWATER COMMUNIT	294
N AS WILDLIFE HABITAT WETLAND TREE GROWTH AS AFFECTED BY	ARTIFICIAL FLOODING WETLAND CLASSIFICATION AND E	262
DS VERTEBRATE ECOLOGY EVOLUTIONARY BIOLOGY AND BEHAVIOR	ARTIFICIAL INCUBATION OF SPARROW HAWK EGGS ECOLO	665
AND THEIR ATTRACTION TO ARTIFICIAL REEFS COLONIZATION OF	ARTIFICIAL REEF BY FISHES ECOLOGY OF MARINE FIS	311
FISHES ESPECIALLY REEF SPECIES AND THEIR ATTRACTION TO	ARTIFICIAL REEFS COLONIZATION OF ARTIFICIAL REEF	311
SABINE RIVER DIVERSION PROJECT LOUISIANA VIRGINIA CAPES	ARTIFICIAL REEFS GREAT LAKES WATER LEVELS STUDY	625
EUTROPHICATION EFFECTS OF EUTROPHICATION OF FISH SPECIES	ARTIFICIAL SHELTER AND FISH BEHAVIOR EFFECTS OF	294
Y FISH AFRICA W.H.O. CONSULTANT MOSQUITO CONTROL BY FISH	ASIA BIOLOGICAL CONTROL OF AQUATIC NUISANCE DIPT	46
OFF ROAD VEHICLES OUT OF POSTED & WILDLIFE AREAS SETTING	ASIDE AREAS AS WILDLIFE REFUGES OR BIRD SANCTUAR	489
E REST AREA STUDY SAFETY IN WASTE TRT. PLANTS BIOLOGICAL	ASPECT OF WASTE TREATMENT EFFECT OF POLLUTANTS O	367
SHES SALT MARSH SEED GERMINATION PRIMARY PRODUCTIVITY OF	ASPEN FOREST PLANT ECOLOGY AND PRIMARY PRODUCTI	144
CF NORTH AMERICAN WOODPECKERS; SAME FOR GROUND SQUIRRELS	ASPEN GREENBELT STUDY SYMPATRY OF RED HEADED & L	291
WIVES ENVIRONMENTAL ASSESSMENT OF BRUNSWICK BEACHES ENV.	ASS. OF CRABTREE CREEK FLOOD CONTROL PROJECT EC	734
ON PRE-IMPONDMENT STUDIES THERMAL EFFECTS STUDIES ALGAL	ASSAY EVALUATION WATER QUALITY EVALUATI	769
OR OF RNA SYNTHESIS MAMMALIAN CELL CULTURE CELL CULTURE	ASSAY OF WATER POLLUTANTS ELECTRON MICROSCOPY OF	219
LOLITE BIOLOGICAL WASTE TREATMENT NITRIFICATION ALGAL	ASSAY FISH BIOASSAY PRINE WASTES EVALUATION OF	439
W. VIRGINIA SEARCH ANALYZE SYSTEMATIZE STUDY FACTS TO	ASSESS ENVIRONMENTAL IMPACT ON LAND - WILDLIFE R	169
MD INSTALLATION ASSESSMENT REDSTONE ARSENAL AL PROJECT	ASSESS OF PW PHOSPHORUS PLANT EDGEWOOD EVALUAT	55
ITY OF BUTTERFLIES TO BIRDS USE OF A COUNTER COUNTER TO	ASSESS ZOOPLANKTON GRAZING; LAKE BIOLOGY FEEDING	126
TH. ENV. ASSESSMENT ROCKAWAY VALLEY REG. SEW. AUTH. ENV.	ASSESSMENT PLANKTON ECOLOGY AND ENVIRONMENTAL S	467
STUDY EFFECT OF MAINTENANCE DREDGING-HOTSU ENVIRONMENTAL	ASSESSMENT - LAZ. CARD. MICH. MEX. NATURAL RE	2
CAL PROBLEMS OF THE COASTAL ZONE ENVIRONMENTAL STUDIES	ASSESSMENT AND EVALUATION WATER QUALITY CRITERIA	588
POPULATION DYNAMICS OF ANADROMOUS ALEWIVES ENVIRONMENTAL	ASSESSMENT OF BRUNSWICK BEACHES ENV. ASS. OF CRA	734
EFFECT OF DREDGING ON OYSTER BEDS UNDERWATER (USING SCUBA)	ASSESSMENT OF COMMUNITIES EVALUATION OF OYSTER B	444
ICAL EFFECTS DESIGN OF WATER QUALITY MONITORING SYSTEMS	ASSESSMENT OF ENVIRONMENTAL IMPACTS IN AQUATIC E	497
MIGRATION POTENTIAL EFFECT OF POWERPLANT ON NARFA. BAY	ASSESSMENT OF ENVIRONMENTAL MODIFICATION BY POLL	555
ON ECOLOGICAL EFFECTS OF NUCLEAR POWER PLANTS ECOLOGICAL	ASSESSMENT OF LIQUID NATURAL GAS ECOLOGICAL ASSE	511
DY COMPUTERIZATION OF SEWAGE TREATMENT PLANTS ECOLOGICAL	ASSESSMENT OF POWER PLANT OIL SPILL IMPACT STU	153
S ECOLOGICAL ASSESSMENT OF LIQUID NATURAL GAS ECOLOGICAL	ASSESSMENT OF SWG PLANT ECOSYSTEMS AS THEY ARE	511
ARTIFICIAL REEFS GREAT LAKES WATER LEVELS STUDY IMPACT	ASSESSMENT OF WATER RESOURCES PROJECTS ON FISH A	625
NPOT-PATE EFFECT ORGANIC CHEMISTRY IN MARINE ENVIRONMENT	ASSESSMENT PROBLEMS OIL POLLUTION ATLANTIC ORGAN	213
VIRON MONITORING PROGRAM EDGEWOOD ARSENAL MD INSULATION	ASSESSMENT REDSTONE ARSENAL AL ENVIRON SURVEY P	553
RON MONITORING PROGRAM EDGEWOOD ARSENAL MD INSTALLATION	ASSESSMENT REDSTONE ARSENAL ALABAMA PRELIMINARY	542
UTH. ENV. ASSESSMENT SOUTH MAHMOOTH REG. SEW. AUTH. ENV.	ASSESSMENT ROCKAWAY VALLEY REG. SEW. AUTH. ENV.	467

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

FRESH-WATER AND MARINE OCEAN COUNTY REG. SEW. AUTH. ENV. S MANAGEMENT ENVIRONMENTAL PLANNING ENVIRONMENTAL IMPACT AL DISCHARGE ON ALGAL PRODUCTIVITY ENVIRONMENTAL IMPACT RON MONITORING PROGRAM EDGEMOND ARSENAL MD INSTALLATION Y OF ANADROMOUS SPECIES AND OPERATION OF FISHWAYS ICHTHY PEOPLE	ASSESSMENT SOUTH HAMMOUTH REG. SEW. AUTH. ENV. A	467
MANAGEMENT ENVIRONMENTAL PLANNING ENVIRONMENTAL IMPACT	ASSESSMENT STUDY HIGHWAY AIR POLLUTION STUDIES	6
AL DISCHARGE ON ALGAL PRODUCTIVITY ENVIRONMENTAL IMPACT	ASSESSMENT ESPECIALLY IN THE FIELD OF POWER GEN	287
RON MONITORING PROGRAM EDGEMOND ARSENAL MD INSTALLATION	ASSESSMENT REDSTONE ARSENAL AI PROJECT ASSESS	55
Y OF ANADROMOUS SPECIES AND OPERATION OF FISHWAYS ICHTHY	ASSOC. CONOWING MUDDY RUN PROJECT MASS COOP FIS	226
PEOPLE	ASSOC. IN BRACKISH AND FRESH WATER HABITATS FOR	136
MANAGEMENT WATERFOWL AND	ASSOC. PELAGIC SARGASSUM REVISION & COMPARATIVE	191
ISHES FISH STOCKS OF THE EVERGLADES NATIONAL PARK FISHES	ASSOCIATIONS COMMUNITY ECOLOGY ECOLOGICAL AND R	119
PRODUCTIVE ISOLATION IN LYGAERIS DESERT PLANT - ARTHROPOD	ASSOCIATIONS AND COMMUNITY SUCCESSION SMITH ISLA	538
BY ECOLOGY OF VERTEBRATES SPECIAL REFERENCE TO HABITAT	ASSOCIATIONS DIVERSITY AND STABILITY OF TROPICAL	595
N DYNAMICS OF INSECTS ECOLOGY OF CROPS TROPICAL INSECT	ASSOCIATIONS IN RIFFLE WATERS MACROBENTHOS SYNE	116
IES DIATOM FLUCTUATIONS IN ACID MINE WATERS MACROBENTHIC	ASSOCIATIONS IN SEAWATER ORGANIC MATTER IN SEA W	751
ELEMENTS IN NATURAL WATERS TRACE METAL - ORGANIC MATTER	ASWAN HIGH DAM ON EAST MEDITERRANEAN ENV. IMPACT	252
RED UNITS ENVIRONMENTAL IMPACT OF GRAND PROJECTS IMPACT	ATILAN GREVE ECOLOGY AND MANAGEMENT OF WILDLI	408
ISLAND BRITISH VIRGIN ISLANDS ECOLOGY AND CONSERVATION	ATLANTIC BOHEMIC AND INTERNATIONAL FISHERY MAN	472
MENT MODEL INVENTORY OF FISHERIES OF NEW YORK AND MIDDLE	ATLANTIC BIGHT ENVIRONMENTAL SURVEY ELECTRIC FIS	604
N DYNAMICS POPULATION DYNAMICS OF AQUATIC ORGANISMS MID	ATLANTIC BIGHT STATE-FEDERAL FISHERY MANAGEMENT	472
TIONAL FISHERY MANAGEMENT AND POLICY FISHERIES OF MIDDLE	ATLANTIC COASTAL ESTUARY CHEMICAL EFFLUENTS GUL	98
FLUENT EFFECTS UPON AQUATIC ECOSYSTEMS THERMAL EFFECTS	ATLANTIC COASTAL PLAIN ECOLOGY OF FLORIDA BAY PO	445
OCEAN PALEOECOLOGY OF TONGUE OF OCEAN BIOSTRATIGRAPHY OF	ATLANTIC DEVELOPMENT OF COMMERCIAL ANADROMOUS FI	220
LIFE HISTORY STUDIES OF ANADROMOUS FISH OF THE NORTHWEST	ATLANTIC FLORA BOTTOM WATER CURRENTS IN N.Y. BIG	591
RAPHY QUANTITATIVE MODELS QUANTITATIVE ECOLOGY OF NORTH	ATLANTIC FLYWAY COUNCIL CANADA GOOSE ESTABLISHME	223
WETLANDS WILD TURKEY RE-ESTABLISHMENT TECHNIQUES MANUAL	ATLANTIC HERRING STOCKS STATE-FEDERAL LOBSTER MA	18
AMICS OF MARINE FISH POPULATIONS MANAGEMENT OF NORTHWEST	ATLANTIC MENHADEN BIostatistical ANALYSIS OF MA	234
SURVEY OF SEA BASS FISHERY POPULATION DYNAMICS OF ADULT	ATLANTIC OCEAN METABOLISM OF A HERBICIDE IN SOYB	309
FROM SEAWATER DISTRIBUTION OF CHLORINATED HYDROCARBONS IN	ATLANTIC ORGANIC GEOCHEMISTRY ESTUARINE SEDIMENT	213
IN MARINE ENVIRONMENT ASSESSMENT PROBLEMS OIL POLLUTIO	ATLANTIC SALMON FREEZING EFFECTS ON WALLEYE SEME	280
ION OF FISH POPULATIONS FREEZING EFFECTS ON FISH SEMEN	ATLANTIC SEABOARD HATTERAS TO CAPE COD AVIAN FLI	328
ING BEHAVIOR AND BIRD ENVIRONMENTAL INVENTORIES BIRDS OF	ATLANTIC SURF CLAM - BIOLOGY AND COMMERCIAL CATC	284
SHERY MANAGEMENT IN PONDS LAKES RESERVOIRS AND STREAMS	ATMOSPHERES ENVIRONMENTAL RADIOACTIVITY POLLUT	204
MEASUREMENT HUDSON RIVER ECOLOGY TRACE ELEMENTS IN URBAN	ATMOSPHERIC CHEMISTRY MARINE AND ATMOSPHERIC CH	460
EMISTRY INTERACTION OF INORGANIC PHOSPHATE AND SEA WATER	ATMOSPHERIC CHEMISTRY INTERACTION OF INORGANIC P	460
HOSPHATE AND SEA WATER ATMOSPHERIC CHEMISTRY MARINE AND	ATMOSPHERIC PROCESSES CHEMICAL OCEANOGRAPHY CA	3
TRACE METAL CYCLING DURING BREDDING MID-ATLANTIC COASTAL	ATMOSPHERIC TURBULENCE IN PLANETARY BOUNDARY LAY	773
T OF ATMOSPHERIC TURBULENCE LASER SCINTILLATION STUDIES	ATMOSPHERIC TURBULENCE LASER SCINTILLATION STUDI	773
IC TURBULENCE IN PLANETARY BOUNDARY LAYER MEASUREMENT OF	ATOMIC POWER PLANT BIOLOGICAL STUDY DIRECTOR S	112
POLLUTION CONTROL ADVISORY BOARD EPA CONNECTICUT YANKEE	ATOMIC SAFETY AND LICENSING BOARD	443
CHEMISTRY OF SEA WATER OCEAN RESOURCES NEW YORK BIGHT	ATOMSPERIC LEAD POLLUTION ON INSECT FOOD CHAIN	254
ECOLOGY OF INSECTS EFFECTS	ATE IN PLANKTON AS MEASURE OF BIOMASS AND ACTIVI	85
PHYSICAL CHEMICAL AND BIOLOGICAL AND AQUATIC ECOLOGY	ATPASE CONTRLE NA AND K UPTAKE IN PLANTS DEVEL	510
ALS ASPECTS OF ABSORPTION POLIAR FERTILIZATION ION STIM.	ATTACHMENT MECHANISM HISTOCHEMISTRY - BARNACLE T	431
ALS OF BIOMEDICAL SIGNIFICANCE BRANACHE - CEMENT GLANDS -	ATTORNEY'S OFFICE SO. DIST. NEW YORK CONSULTANT	107
ION - AQUATIC SOLID WASTES (COMESTING) CONSULTANT - US	ATTRACTANT PHEROMONE OF THE EUROPEAN ELY BARK BF	412
STEMATICS OF BARK BEETLES BIOSYSTEMATICS OF BARK BEETLES	ATTRACTION INTEGRATED METHODS PEST CONTROL & VEG	186
ICROCLIMATE INTERACTIONS WILD SHROB CULTIVATION SONGBIRD	ATTRACTION TO ARTIFICIAL REEFS COLONIZATION OF A	311
LOGY OF MARINE FISHES ESPECIALLY REEF SPECIES AND THEIR	AUBRY RESERVOIR ECOLOGICAL SURVEY OF WHITE ROCK	469
ECOLOGY OF SOUTHWESTERN RESERVOIRS ECOLOGICAL IMPACT OF	ADREUS MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY I	648
O WATER POLLUTION STUDIES ON THE AUTOLYTIC ENZYMES OF S.	AUSTRALIA TERMITE BIOLOGY AND BEHAVIOR (PHEROMO	705
ROL EXP. STUDIES ON COMMUNICATION IN TERMITES TERMITES -	AUSTRALIAN HERPETOFAUNA DISTRIBUTION OF PELAGIC	319
SEASNAKES PALEOECOLOGY PALEO GEOGRAPHY PALEO GEOGRAPHY OF	AUTH. ENV. ASSESSMENT PLANKTON ECOLOGY AND ENVI	467
EG. SEW. AUTH. ENV. ASSESSMENT ROCKAWAY VALLEY REG. SEW.	AUTH. ENV. ASSESSMENT ROCKAWAY VALLEY REG. SEW.	467
REG. SEW. AUTH. ENV. ASSESSMENT SOUTH HAMMOUTH REG. SEW.	AUTH. ENV. ASSESSMENT SOUTH HAMMOUTH REG. SEW. A	467
AL STRESS FRESH-WATER AND MARINE OCEAN COUNTY REG. SEW.	AUTOLYTIC ENZYMES OF S. ADREUS MICROBIAL PHYSIO	648
I HOPE TO APPLY THIS TO WATER POLLUTION STUDIES ON THE	AUTOMATED ANALYSIS OF FRESH WATER PRODUCTIVITY R	390
DUCTIVITY FRESH WATER ALSO REMOTE SENSING SHALLOW MARINE	AUTOMATIC DATA PROCESSING CHARACTERIZATION OF SO	546
NKS LAND USE REMOTE SENSING SOIL-WATER RELATIONSHIPS	AUTOMATING SOIL-SITE INDEX FOR DATA BANKS CORRE	427
NATIONWIDE SOIL-WOODLAND INTERPRETATIONS FOR SOIL SURVEY	AUTORADIOGRAPHY TECHNIQUES AND APPLICATIONS CON	451
MALIAN CELLS CAMP AND SECRETION DNA SYNTHESIS IN PAROTID	AUXIN TRANSPORT PHYSIOLOGY OF PLANT GROWTH REGU	715
TORS - PARTICULARLY AUXINS AND CYTOKININS INHIBITORS OF	AUXINS AND CYTOKININS INHIBITORS OF AUXIN TRANSP	715
T PHYSIOLOGY OF PLANT GROWTH REGULATORS - PARTICULARLY	AVIAL SPECIES POPULATION ECOLOGY OF THE MALLARD	326
ULATION DYNAMICS OF AVIAN SPECIES POPULATION DYNAMICS OF	AVIAN ANATOMY PARTICULARLY FEATHER STRUCTURE BR	696
RDS AVIAN ANATOMY/INTEGUMENT DESCRIPTIVE AND FUNCTIONAL	AVIAN ANATOMY/INTEGUMENT DESCRIPTIVE AND FUNCTI	696
FEATHER STRUCTURE BRISTLES OF BIRDS INTEGUMENT OF BIRDS	AVIAN AND MAMMALIAN REPRODUCTION FULL TIME RESEA	108
FSN PHYSIOLOGY EFFECTS OF ENVIRONMENTAL POLLUTION UECN	AVIAN BLOOD BASIC SCIENCES RELATED TO VETERINAR	752
BITCHFS SEPARATION OF THROMBOCYTES AND LYMPHOCYTES PRCH	AVIAN ECOLOGY	420
DS POPULATION DYNAMICS OF RAPTORS IN SHORTGRASS PRAIRIE	AVIAN ECOLOGY & MAMMALIAN AND COMPARATIVE PHYSIO	523
CK WFPNS BEHAVIOR SYMPATRIC ARIZONA GRASSLAND SPARROWS	AVIAN ECOLOGY AND BEHAVIOR COMPARATIVE STUDIES O	730
ACT, TUCSON GAS & ELECTRIC STUDIES IN GILA VALLEY, N.M.	AVIAN EVOLUTION TAXONOMY ZOO GEOGRAPHY BIOSURVE	345
ENTORIUS BIRDS OF ATLANTIC SEABOARD HATTERAS TO CAPE COD	AVIAN FLIGHT FORMATIONS AVIAN FLOCKING BEHAVIOR	328
C SEABOARD HATTERAS TO CAPE COD AVIAN FLIGHT FORMATIONS	AVIAN FLOCKING BEHAVIOR AND BIRD ENVIRONMENTAL I	328
ING SYSTEM - WATER QUALITY OUTDOOR EDUCATION LABORATORY	AVIAN MIGRATION AND ENERGY BALANCE DEVELOPMENT O	212
TTS COASTAL ISLANDS VERTEBRATE REMAINS IN INDIAN MIDDENS	AVIAN POPULATIONS IN OLD FIELD SUCCESSION MAMMA	758
F PERSISTENT ENVIRONMENTAL CHEMICALS ORGANOCHLORINES AND	AVIAN REPRODUCTION US USSR ENVIRONMENTAL PROGRAM	541
ION, AND THE RED-SHOULDERED HARK POPULATION DYNAMICS OF	AVIAN SPECIES POPULATION DYNAMICS OF AVIAL SPECI	326
ABITAT DEMONSTRATION AREA	AVIAN VULNERABILITY TO AIRCRAFT MOVEMENTS GAME H	736
ECOLOGIST UPPER TROPHIC LEVELS ECOSYSTEM MONITORING VIA	AVIFAUNA AN. ECOSYSTEM ANALYSIS UPPER DIVISION C	130
WATER STREAM QUALITY VEGETATIONAL CHANGES AND EFFECT ON	AVIFAUNA IN SPAIN EFFECT OF URBANIZATION ON	71
ORMAL AND CHEMICAL POLLUTION TEMPERATURE PREFERENCES AND	AVOIDANCES OF FISHES RESPONSES OF FISHES TO ORGA	476
TIGATION OF FISH HABITS AND REACTIONS FEEDING OF FISH IN	BACK BAY REFUGE IN VIRGINIA THERMAL POLLUTION IN	24
S GREATEST COMPETENCE IN: AQUATIC ECOLOGY WITH A STRONG	BACKGROUND IN ICHTHYOLOGY AQUATIC ENTOMOLOGY L	377
HYDROLOGY STUDY OF UNIVERSITY OF MD SECTOR OF PAINT BR.	BACT & CHEM STUDY OF THE ROCK CREEK WATERSHED E	688
ROCK CREEK WATERSHED ENVIR. POLLUTION; WATER POLLUTICN;	BACT. ORGANIC AND SEDIMENT CONTAMINATION OF WAT	688
ENERGY SOURCES OF AQUATIC HETEROTROPHIC	BACTERIA	802
MANGANESE NODULES HYDROSTATIC PRESSURE EFFECTS ON MARINE	BACTERIA ACTIVITIES OF MICROBES IN HYDROSPHERE	203
TRIDIA INFECTIONS AND PHAGOCYTOSIS STEROID METABOLISM BY	BACTERIA CLOSTRIDIA INFECTIONS; PHAGOCYTOSIS CL	708

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

EGRADATION OF PESTICIDES NITRATE REMOVAL BY DENITRIFYING	BACTERIA MICROBIAL DEGRADATION OF PESTICIDES -	70
ECAL STREPTOCOCCI EUTROPHICATION OF SMALL LAKES AIRBORNE	BACTERIA CONTROL MICROBIOLOGY OF ENVIRONMENTS P	436
COMPOUNDS DESCRIBING NUMBERS AND ACTIVITIES OF AQUATIC	BACTERIA EFFECT OF PHOSPHATE MINING ON ESTUARY S	336
AL ADVISOR MICROBIOLOGY-PHYSIOLOGICAL ECOLOGY-ALGAE AND	BACTERIA METHANE PRODUCTION - ANAEROBIC DIGESTIO	386
IMNOLOGY EUTROPHICATION OF ONEIDA LAKE NEW YORK ALGAL	BACTERIA SYMBIOSIS NORTH AMERICAN ALGAL TAXONOMY	278
N ESTUARY SURVEY OF AQUATIC ORGANISMS IN ESTUARY AQUATIC	BACTERIA-CYCLING OF ORGANIC COMPOUNDS DESCRIBIN	336
R BIOPHYSICAL LIMNOLOGY REAERATION OF CHEROKEE RESERVOIR	BACTERIAL DISEASES OF WATER MILPOLL DENSITY-GRA	409
C FRESHWATER LAKES ENVIRONMENTAL IMPACT STUDY: ALGAL AND	BACTERIAL ECOLOGY INVESTIGATIONS OF FRESHWATER M	532
MODELING AND MEASUREMENT OF AQUATIC ECOSYSTEM PARAMETERS	BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL	257
ECOLOGY OF VIRAL AND	BACTERIAL ZOOZOSES	789
ATER MICROLAYER BIOLOGY AND CHEMISTRY MICROBIAL (ALGAL	BACTERIAL FUNGAL ETC.) ECOLOGY AND PHYSIOLOGY	532
AND ECOLOGY OF FRESHWATER FISH PARASITES AND THEIR HOSTS	BACTERIOLOGICAL TESTING OF CENTRIFUGED APPLE JUJ	325
IAL ECOSYSTEMS	BACTERIOLOGY FERMENTATION INTERACTIONS IN MICROB	356
OLONIES BAHAMAS SEDIMENTOLOGY-ECOLOGY MODERN CARBONATES	BAHAMAS SEDIMENTOLOGY AND PALEOECOLOGY OF MODER	90
OLOGY OF TICHENOF LIMESTONE FORAMINIFERAL-ALGAL COLONIES	BAHAMAS SEDIMENTOLOGY-ECOLOGY MODERN CARBONATES	90
H COMMUNITIES ECOLOGY AND EVOLUTION OF FISHES SURVEY OF	BANAMIAN FISH COMMUNITIES FISH SEXUALITY AND PHY	658
AY BIOLOGY OF FISHES FISH ANATOMY SURVEY FISHES OF	BALTIMORE HARBOR SURVEY FISHES OF CHINCOTEAGUE B	784
ORGANISMS BIOCHEMICAL SYSTEMATICS SUBLETHAL EFFECTS OF	BALTIMORE HARBOR WATER BIOCHEMICAL DETERMINATION	498
CS IN GAME AND FISH WORK SE STATES ANALYSIS OF WATERPOLL	BANDING CONSULTING ON USE OF QUANTITATIVE METHO	318
LD TURKEYS ALLEGHENY RIVER PROJECT WILD TURKEY PRESERVA	BANDING ORNITHOLOGY AT THE ORGANISMIC LEVEL; EC	285
UNIVERSITY DEVELOPMENT THAILAND KASETSART UNIVERSITY	BANGKOK PLANT BREEDING TEMPORARY SCIENTIST INTE	503
T OF GATHRIGHT DAM SITE LOCATION FOR HAMPTON ROADS SPOIL	BANK ECOLOGY AND SYSTEMATICS OF FISHES BIOLOGI	62
RELATIONSHIPS; ENVIRONMENTAL IMPACT STUDIES PURNAS/WORLD	BANK PARAGUAY/BRAZIL JOINT PARANA COMMISSION CON	265
IONS FOR SOIL SURVEY AUTOMATING SCIL-SITE INDEX FOR DATA	BANKS CORRELATION BETWEEN SOILS AND POTENTIAL P	427
SING WASTE HEAT TO SOIL REVEGETATION OF SPOIL AND REFUSE	BANKS CROP ECOLOGY AND PHYSIOLOGY ECOSYSTEMS P	474
NG HAMPTON ROADS DREDGE AND FILL FINE KNOLL SHORES BOGUE	BANKS IMPACT ANALYSIS DECIDUOUS FOREST BIOME NA	198
OF THE CAPE COD REGION MASS. BIOGEOGRAPHY OF THE OCEAN	BANKS NORTH CAROLINA THE ISOLATED FORMS OF RACC	418
STIGATION OF THE SCHUYLKILL RIVER IN THE VICINITY OF THE	BARBADOS & CROMBY STEAM ELECTRIC STATIONS GREA	337
DIVISION OF FISHERY RESEARCH BRANCH CHIEF CROSS-FLORIDA	BARGE CANAL INVESTIGATION FISHERY RESEARCH TOX	749
OF BARK BEETLES ATTRACTANT PHEROMONE OF THE EUROPEAN ELM	BARK BEETLE GENETICS OF PHEROMONE SPECIFICITY B	412
FICITY BIOSYSTEMATICS OF BARK BEETLES BIOSYSTEMATICS OF	BARK BEETLES ATTRACTANT PHEROMONE OF THE EUROPEA	412
THE GENETICS OF PHEROMONE SPECIFICITY BIOSYSTEMATICS OF	BARK BEETLES BIOSYSTEMATICS OF BARK BEETLES ATTR	412
CTION AND PARTITIONING OF RAPTORS POPULATION ECOLOGY OF	BARN CWLS ANALYSIS OF A LAKE CARP POPULATION BRE	660
- CEMENT GLANDS - ATTACHMENT MECHANISM HISTOCHEMISTRY -	BARNACLE TISSUES DEVELOPMENT OF TRAINING PROGRAM	431
MS MID ATLANTIC BIGHT ENVIRONMENTAL SURVEY ELECTRIC FISH	BARRIER EVACUATION FISH POPULATION DYNAMICS POP	604
OASTAL ECOSYSTEMS ECOLOGICAL STABILITY OF NORTH CAROLINA	BARRIER ISLANDS SECONDARY PRODUCTIVITY OF A MANG	521
IN LATIN AMERICA AND CARIBBEAN ECOLOGICAL SURVEY VOLCANO	BARO PROPOSED NATIONAL PARK PANAMA WILDLIFE SUR	408
R DUAL MONITOR DESIGN NAVY ENVIRONMENTAL PROTECTION DATA	BASE BEAVER RIVER MODELING PROJECT APPLICATION	50
R WILDLIFE EVALUATION DRAFT E.I.S. FOR HIGHWAY WILDLIFE	BASELINE DATA FOR POWER PLANT TERRESTRIAL AND W	575
PLECTS ISOTHERMAL COMPRESSIBILITY OF SEAWATER TRACE METAL	BASELINE STUDIES CHEMICAL EFFECT OF AIRBORNE PAR	429
THIC ECOLOGY EXPERIMENTAL SALT MARSH STUDY OIL POLLUTIO	BASELINE STUDY COASTAL ZONE WORKSHOP MARSH ECOL	719
NMENTS AND PETROLEUM - ENVIRONMENTAL PROBLEMS ECOLOGICAL	BASELINE STUDY OF THE MID-ATLANTIC BIGHT. ECOLOG	313
CAL BASELINE STUDY OF THE MID-ATLANTIC BIGHT. ECOLOGICAL	BASELINE STUDY OF THE N.E. GULF OF MEXICO CLEANI	313
PARAMETERS BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL	BASELINE STUDY OF TWO NEW IMPOUNDMENTS IN PA. M	257
MENTAL HEALTH SEROEPIDEMIOLOGICAL SURVEY AT ARMY RESEARCH	BASES VECTOR STUDIES ON MOSQUITOES & CRICKUNGUNYA	454
LEVATED TEMPERATURE EFFECT ON PETROLEUM WASTE TREATMENT	BASIC AND APPLIED MICROBIOLOGY; APPLIED ENVIRONM	549
PHYS. BIOL. CHANGES IN A RESERVOIR AFTER REHABILITATION	BASIC RESEARCH ON ACID SPOILS IN SOUTH ILL. PRE	529
RATION OF THROMBOCYTES AND LYMPHOCYTES FROM AVIAN BLOOD	BASIC SCIENCES RELATED TO VETERINARY MEDICINE EV	752
TION OF PARKER RIVER, MASSACHUSETTS FISHERIES BIOLOGY -	BASIC STATISTICAL APPLICATIONS AND POPULATION DY	581
MITTEE FOR FISHERIES MANAGEMENT OF THE CONNECTICUT RIVER	BASIN PLANNING DESIGN AND CONSTRUCTION OF ANAD	587
OPERATIONS AND WILDLIFE WILDLIFE RESOURCES ST. LAWRENCE	BASIN VERTEBRATE ECOLOGY AND HABITAT SELECTION	762
E SHRIMP AND SHELLFISH OIL SPILL IN THE SCHUYLKILL RIVER	BASIN AQUACULTURE IN LOUISIANA SALT-MARSH IMPOUN	597
CTIVE ENDOCRINOLOGY OF FISHES TRCUTS OF UPPER KERN RIVER	BASIN CALIFORNIA FISH PHYSIOLOGY AND SYSTEMATIC	624
RTIC COPEPODA VERTICAL DISTRIBUTION COPEPODA PUORD-LIKE	BASIN DEEP-WATER CYCLOPOID COPEPODA GULF ALASKA	170
NING ON OZARK HEADWATER STREAMS WATER QUALITY OF 3 RIVER	BASIN IN N.E. MO. LIPE HISTORY OF THE EMERALD SH	242
ICS OF SQUAMATE REPTILES HERPETOFAUNA OF CUATRO CIENEGAS	BASIN MEXICO ECOLOGY OF CNEMIDOBHORUS TIGRIS VER	468
ALGAE IN NORTH CAROLINA PHYTOPLANKTON OF DELAWARE RIVER	BASIN PHYTOPLANKTON OF SUSQUEHANNA RIVER POPULA	627
TITUS RESERVOIR TEXAS ENVIRONMENTAL PLAN TRINITY RIVER	BASIN TEXAS ENVIRONMENTAL IMPACT BROOKHAVEN LAND	792
IMPACT ANAL. REGIONAL SOLID WASTE MANAGEMENT JAMES RIVER	BASIN WASTE MANAGEMENT PLAN ENVIRONMENTAL ENGIN	776
TORING OF A BAY EFFECTS OF POWER PLANT CONDENSER PASSAGE	BASLINE INVENTORY OF LAKE MICHIGAN ELEMENTS ECO	21
SONIC TRACKING STRIPED	BASS	791
O CANAL - FISH EVALUATION OF SEX BIOPSY METHOD - STRIPED	BASS ADULT AND YOUNG FISHES OF CHESAPEAKE BAY A	586
NER OF A POND-COURT CASE DIET OF BLUEGILL AND LARGEMOUTH	BASS ECOLOGY OF FISHES; ECOLOGY OF MARINE AND P	289
RCS STREAM IMPROVEMENT AND FISHWAY CONSTRUCTION STRIPED	BASS AND SMELT FISHERY LIFE HISTORY STUDIES OF	220
NERGETICS OF ESTUARINE FLOUNDER POPULATION SURVEY OF SEA	BASS FISHERY POPULATION DYNAMICS OF ADULT ATLANT	234
ES OF CHESAPEAKE BAY AND TRIBUTARIES ESPECIALLY STRIPED	BASS GROSS BIOLOGICAL EFFECT OF OVERBOARD DISPOS	586
THORE HARBOR WATER BIOCHEMICAL DETERMINATION OF STRIPED	BASS POP. EFFECTS OF ENLARGEMENT OF C & D CANAL	498
OPLANKTON OF LOWER CHESAPEAKE BAY ENHANCEMENT OF STRIPED	BASS POPULATION POPULATION PARAMETERS ECOLOGY A	275
FRESHWATER FISHERY BIOLOGY	BASS YEARCLASS STRENGTH	513
N FREEZING EFFECTS ON WALLEYE SEMEN INTRODUCTION STRIPED	BASS SAC PERCH AND SMELT MANAGEMENT AND REPRO	280
OF NEW MEXICO	BAT ECOLOGY ANIMAL - PLANT INTERACTIONS MAMMALS	790
S RENAL DEVELOPMENT IN NEONATAL MAMMALS WATER BALANCE IN	BATS FROM XERIC HABITATS WATER ECONOMY OF DESER	343
LLY CRUSTACEAN FEEDING FEEDING OF COPEPODS IN CHESAPEAKE	BAY SECONDARY PRODUCTIVITY ESPECIA	701
FISHES OF BALTIMORE HARBOR SURVEY FISHES OF CHINCOTEAGUE	BAY BIOLOGY OF FISHES FISH ANATOMY SURVEY	784
SALT-MARSH IMPOUNDMENT SHELLFISH HATCHERY IN CHESAPEAKE	BAY AQUACULTURE OF SHRIMP AND SHELLFISH OIL SPI	597
S AND MIGRATION POTENTIAL EFFECT OF POWERPLANT ON NARBA.	BAY ASSESSMENT OF ENVIRONMENTAL MODIFICATION BY	555
Y OF SMALL BOAT MARINAS SIMULATION MODEL OF NARRAGANSETT	BAY ECOLOGICAL ENERGETICS SYSTEMS ANALYSIS SHU	517
LOGICAL EFFECT OF OVERBOARD DISPOSAL IN UPPER CHESAPEAKE	BAY - FISH BIOLOGICAL EVALUATION OF WIDENING AND	586
& RESERVOIR N.Y. N.J. & PA FISH & WILDLIFE CHESAPEAKE	BAY AND TRIBUTARIES EVALUATING EFFECTS OF WATER	522
HOD - STRIPED BASS ADULT AND YOUNG FISHES OF CHESAPEAKE	BAY AND TRIBUTARIES ESPECIALLY STRIPED BASS GRO	586
LLUSKS AND FISH EFFECTS OF HURRICANE AGNES ON CHESAPEAKE	BAY BIOLOGY OF THE GLODDUCK CLAM HIGH SEAS PACIF	14
OCEANIC MANUSCRIPTS EFFECT ON FISHERIES OF PASSAMAQUODDY	BAY DAM INVESTIGATION OF HERRING RESOURCES IN NE	615
I DREDGE SPOIL DISPOSAL MARINE BENTHIC ECOLOGY CAPE COD	BAY ECOSYSTEM QUANTITATIVE ANALYSIS EFFECTS OF D	807
RE: NUCLEAR POWER PLANT CONTROLLED EROSION IN MONTISWEG	BAY EFFECTS OF DREDGING IN BELFAST HARBOR MARIN	181
THEIR MANAGEMENT PREDICTIVE MODELING AND MONITORING OF A	BAY EFFECTS OF POWER PLANT CONDENSER PASSAGE BAS	21

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

MY OF MARINE ZOOPLANKTON ZOOPLANKTON OF LOWER CHESAPEAKE	BAY ENHANCEMENT OF STRIPED BASS POPULATION POPUL	275
TRATIGRAPHY OF ATLANTIC COASTAL PLAIN ECOLOGY OF FLORIDA	BAY FORAMINIFERA ECOLOGY AND PALEOECOLOGY OF	445
CE WATER MOVEMENTS IN NEW YORK HARBOR BIOTA OF MANHASSET	BAY GROUND RECHARGE IN SUFFOLK COUNTY ESTUARINA	240
N BACK BAY REFUGE IN VIRGINIA THERMAL POLLUTION IN TAMPA	BAY IN FLORIDA INVESTIGATION OF FISH HABITS AND	24
TERS NITROGEN CYCLE ON CORAL REEFS CONTROL OF CHESAPEAKE	BAY JELLYFISH FREE AMINO ACIDS AND MARINE INVERT	760
AQUATIC ECOSYSTEMS IMPACT OF OIL SUPERTANKERS ON MACHIAS	BAY MAINE OFFSHORE OIL AND NEW ENGLAND: BIOLOGIC	477
CONDITIONS OF THE BIOTA OF CHESAPEAKE	BAY OIL SPILL STUDY ENERGY POLICY PROJECT	69
AT AS WELL AS GENERAL LIMNOLOGY LIMNOLOGICAL SURVEY OF A	BAY ON LAKE CHAMPLAIN BIOASSAYS ON AQUATIC INVE	279
AERIAL PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	BAY PHYTOPLANKTON COMMUNITIES AERIAL PHOTOGRAPHY	115
T HARBOR MARINE BENTHIC COMMUNITIES SURVEY OF MOUNTSWEAG	BAY RE: NUCLEAR POWER PLANT CONTROLLED EROSION I	181
ION OF FISH HABITS AND REACTIONS FEEDING OF FISH IN BACK	BAY REFUGE IN VIRGINIA THERMAL POLLUTION IN TAMPA	24
A NEW ENGLAND SALT MARSH ECOLOGICAL MODEL OF NARRAGASETT	BAY SOLID WASTE DISPOSAL IN THE OCEAN TOTAL SYS	528
PESTICIDES PUGET SOUND WATER QUALITY EFFECTS BELLINGHAM	BAY WATER QUALITY ENVIRONMENTAL POLLUTION AS IT	652
N COASTAL ZONE RESOURCES COASTAL ZONE MGT. IN CRESAPEAKE	BAY WETLANDS ON LONG ISLAND INDUSTRIAL WASTES P	811
VEGETATION MAP SUCCESSION OF ALGAE IN A TRANSECT BODEGA	BAY CA. MARINE BOTANY ECOLOGY FOREST	795
PON PESTICIDE RESEARCH PROJECT SPRT FISHERY OF BISCAYNE	BAY FLORIDA ENVIRONMENTAL MARINE SCIENCE AND I	744
LANT-WATER RELATIONS ENVIRONMENTAL IMPACTS PRESQUE ISLE	BEACH EROSION ENVIRONMENTAL IMPACTS STANNARDS R	585
ROBULLOXPOLLUTION OF WATER WATER POLLUTION SURVEILLANCE -	BEACH RES. FOR ANTIMOEBIC AGENT BIOTECHNICIAN T	485
NADROMOUS ALEWIVES ENVIRONMENTAL ASSESSMENT OF PEUNSWICK	BEACHES ENV. ASS. OF CRAFTREE CREEK FLOOD CONTR	734
ONDACKS BEAR STUDY LIFE HISTORY AND MANAGEMENT OF BLACK	BEAR AND WHITE-TAILED DEER AND URBAN WILDLIFE CA	486
BEAN WILDLIFE CATSKILLS NEW YORK BEAR STUDY ADIRONDACKS	BEAR STUDY LIFE HISTORY AND MANAGEMENT OF BLACK	486
WHITE-TAILED DEER AND URBAN WILDLIFE CATSKILLS NEW YORK	BEAR STUDY ADIRONDACKS BEAR STUDY LIFE HISTORY	486
OF MY FIRM REPRESENT THE FULL RANGE OF SCIENCES AS THEY	BEAR UPON THE ENVIRONMENT EFFLUENT MANAGEMENT IN	268
N AN ESTUARINE TELEOST ECOLOGY OF INTRACOASTAL WATERWAY	BEAUPCRT NORTH CAROLINA ESTUARINE ECOLOGY ESP	93
OR PUBLIC MGT. OF FRESHWATER WETLANDS SOCIAL BEHAVIOR IN	BEAVER FOREST WILDLIFE MGT. FRESHWATER WETLAND	416
L MONITOR DESIGN NAVY ENVIRONMENTAL PROTECTION DATA BASE	BEAVER RIVER MODELING PROJECT APPLICATION OF SY	50
TERS DOWN WIND TRAVEL OF CHY EVEN SPILL USE OF CLDIFIED	BED ELECTRODE TO CLEANUP FLATING WASTES ATR AND	783
S LARVAL HERRING MORTALITY SUBMERISDL STUDY HERRING EGG	BEDS ECOLOGY OF FISHES LARVAL FISHES ESTIMATE	273
WAY CONSTRUCTION ON BOTTOMS EFFECT OF DREDGING ON OYSTER	BEDS UNDERWATER (USING SCUBA) ASSESSMENT OF COM	444
NG SCUBA) ASSESSMENT OF COMMUNITIES EVALUATION OF OYSTER	BEDS IN JAMES RIVER EFFECT OF HIGHWAY CONSTRUCTI	444
FEEDLOT RUNOFF EFFLUENT EVALUATION OF RAPID INFILTRATION	BEDS WASTEWATER STUDIES FOR MERRIMACK RIVER & BO	610
APICULTURE; HONEY	BEE BEHAVIOR	514
RCH OFFICER - PUNJAB AGRIC. UNIV. INDIA RESEARCH ALKALI	BEE MANAGEMENT ECOLOGY - INSECT AND ANIMAL BEHA	43
D MAMMAL AND PLANT ECOLOGY ALL CONSULTANT SERVICES HAVE	BEEEN WITHOUT REMUNERATION BROAD NATURAL HISTORY	210
CIDES IN THE AQUATIC ENVIRONMENT EFFLUENT GUIDELINES FOR	BEEZI SUGAR INDUSTRY BIOCHEMICAL GENETICS OF HET	735
IMAL DISPERSAL; BIOLOGY OF DIPTERA BIONOMICS OF MILKWEED	BEEZLE DROSOPHILA DISPERSAL AN	520
CTS INSECTS PHEROMONE PRODUCTION BY SMALLER EUROPEAN ELM	BEEZLE EVALUATION OF PESTICIDE RESIDUES IN FORES	647
RK BEETLES ATTRACTANT PHEROMONE CE THE EUROPEAN ELM BARK	BEEZLE GENETICS OF PHEROMONE SPECIFICITY BIOSYS	412
TAXONOMY OF OSTODINAE (COLEOPTERA:ELATERIDAE) &	BEEZLE IDENTIFICATION	221
PERSONAL INTO GAMMA IRRADIATED GRADIENT COCONUT RHINOCEROS	BEEZLE PROJECT PESTS OF RICE IN FIJI MORTALITY	334
Y BIOSYSTEMATICS OF BARK BEETLES BIOSYSTEMATICS OF BARK	BEEZLES ATTRACTANT PHEROMONE OF THE EUROPEAN ELM	412
ENETICS OF PHEROMONE SPECIFICITY BIOSYSTEMATICS OF BARK	BEEZLES BIOSYSTEMATICS OF BARK BEETLES ATTRACTAN	412
INSECT PHYSIOLOGY-SPECIFICALLY METABOLISM ENVIRONMENTAL	BEHAVIOR	258
APICULTURE; HONEY BEE	BEHAVIOR	514
ATE ETHOLOGY-ALL VERTEBRATE CLASSES-ESP. MAMM. PREDATORY	BEHAVIOR COMPARATIVE VERTEBR	110
SMALL MAMMALS AND EXPERIMENTAL NATURAL HISTORY IN ANIMAL	BEHAVIOR PARASITES OF MAN AND	283
TROPICIZATION OF FISH SPECIES ARTIFICIAL SHELTER AND FISH	BEHAVIOR EFFECTS OF ARTIFICIAL EUTROPHICATION C	294
ON IN TERMITES TERMITES - AUSTRALIA TERMITE BIOLOGY AND	BEHAVIOR (PHEROMONES) BIOLOGICAL CONTROL EXP. ST	705
XPERIMENTAL ANALYSIS ECOLOGY PHYSIOLOGY OF MARINE ANIMAL	BEHAVIOR ACOUSTIC RECEPTION AND ORIENTATION OF L	799
ERAS TO CAPE COD AVIAN FLIGHT FORMATIONS AVIAN FLOCKING	BEHAVIOR AND BIRD ENVIRONMENTAL INVENTORIES BIRD	328
DECKERS WINTER ECOLOGY & BEHAVIOR OF LEWIS WOODPECKERS	BEHAVIOR AND ECOLOGY OF NORTH AMERICAN WOODPECKE	291
SEXUAL BEHAVIOR AND SOCIAL STRUCTURE IN FISH VERTEBRATE	BEHAVIOR AND ECOLOGY POPULATION ECOLOGY & SOCIAL	473
ERNS PAVEL ON HAZARDOUS TRACE SUBSTANCES INTERACTION OF	BEHAVIOR AND POPULATION BIOLOGY IN SEABIRDS POPU	194
S BEHAVIOR ASPECTS OF POPULATION DYNAMICS IN FISH SEXUAL	BEHAVIOR AND SOCIAL STRUCTURE IN FISH VERTEBRAT	477
OF LARGE SHARKS PREY SELECTION BEHAVIOR OF MARINE SNAILS	BEHAVIOR AND TRANSPORT OF BIVALVE LARVAE EXPERI	799
AQUATIC ECOLOGY; RADIATION ECOLOGY RADIATION EFFECTS ON	BEHAVIOR AQUACULTURE AND BIOLOGY OF SEA TURTLES	644
BLACKBIRDS VERTEBRATE ECOLOGY EVOLUTIONARY BIOLOGY AND	BEHAVIOR ARTIFICIAL INCUBATION OF SPARROW HAWK E	665
OGY POPULATION ECOLOGY & SOCIAL ETHOLOGY OF POECILOPSIS	BEHAVIOR ASPECTS OF POPULATION DYNAMICS IN FISH	473
SYMPARTRIC ARIZONA GRASSLAND SPARROWS AVIAN ECOLOGY AND	BEHAVIOR COMPARATIVE STUDIES OF CANYON AND ROCK	730
ENVIRONMENTAL INTERDEPENDENCE TREATMENT OF ADOLESCENT PRIMATE	BEHAVIOR DISORDERS WORKSHOP COMMUNITY CENTER POR	120
HIRUS CONTROLLED SPANNING OF FRESH WATER/MARINE TELEOST	BEHAVIOR ECOLOGY AND FOOD RELATIONSHIPS OF TROP	176
OF ENVIRONMENTAL STRESSES ON PLANT GROWTH AND ECOSYSTEM	BEHAVIOR FOREST PRODUCTION GROWTH OF DESERT SHRU	703
MENT MODEL FOR PUBLIC MGT. OF FRESHWATER WETLANDS SOCIAL	BEHAVIOR IN BEAVER FOREST WILLIFP MGT. FRESHWA	416
E-BREADED NUTHATCH ASPECTS OF COMMUNICATION	BEHAVIOR IN BIRDS COMMUNICATION BEHAVIOR IN WHIT	598
ASPECTS OF COMMUNICATION BEHAVIOR IN BIRDS COMMUNICATION	BEHAVIOR IN WHITE-BREADED NUTHATCH	598
LLY INVERTEBRATE SENSE ORGANS NEUROPHYSIOLOGY AND ANIMAL	BEHAVIOR MECHANISMS OF INSECT FLIGHT COMPARATIV	37
IOR OF VERTEBRATES - PARTICULARLY SOCIAL BEHAVIOR SOCIAL	BEHAVIOR OF AMERICAN CHAMELEON ENDOCRINOLOGY OF	148
IL AND BIOACTIVITY HERBICIDE MOVEMENT IN SOILS FATE AND	BEHAVIOR OF BIOCIDES IN SOILS AND WATERS BIOCID	763
RATORY REARED MARINE FISH LARVAE PHYSIOLOGY AND	BEHAVIOR OF FISHES EFFECTS OF TEMPERATURE ON LAB	692
GE PROJECT ICHTHOLOGY:SYSTEMATICS DISTRIBUTION ECOLOGY	BEHAVIOR OF FISHES ZOOGEOGRAPHY EAST U.S. FRESHW	369
PATRY OF RED HEADED & LEWIS WOODPECKERS WINTER ECOLOGY &	BEHAVIOR OF LEWIS WOODPECKERS BEHAVIOR AND ECOL	291
ND AND BIG GAME INFLUENCE OF DEER ON VEGETATION BREEDING	BEHAVIOR OF MALE WOODCOCK ECOLOGY OF RUPEED GROU	618
RECEPTION AND ORIENTATION OF LARGE SHARKS PREY SELECTION	BEHAVIOR OF MARINE SNAILS BEHAVIOR AND TRANSPORT	799
SOCIAL BEHAVIOR OF VERTEBRATES SOCIAL	BEHAVIOR OF HARMOTS HUMAN ETHOLOGY	36
BIOMATHEMATICAL MODELING SOCIAL	BEHAVIOR OF PEROMYSCUS BIRD POPULATIONS	613
DATION IMPACT EVALUATION OF NUCLEAR FACILITY ECOLOGY AND	BEHAVIOR OF RED AND GRAY FOXES WILDLIFE ECOLOGY	225
GE IN CROTAPHYTUS HABENULAR LESIONS AND GNAWING IN RAIS	BEHAVIOR OF VERTEBRATES - PARTICULARLY SOCIAL BE	148
TS RUMAN ETHOLOGY SOCIAL	BEHAVIOR OF VERTEBRATES SOCIAL BEHAVIOR OF MARMO	36
TURAL SCIENCE TELEVISION PROJECT PHYSIOLOGICAL BASIS CP	BEHAVIOR SENSORY BASIS OF BIRD NAVIGATION ELEMEN	748
G IN RAIS BEHAVIOR OF VERTEBRATES - PARTICULARLY SOCIAL	BEHAVIOR SOCIAL BEHAVIOR OF AMERICAN CHAMELEON E	148
ND BEHAVIOR COMPARATIVE STUDIES OF CANYON AND ROCK WRENS	BEHAVIOR SYMPARTRIC ARIZONA GRASSLAND SPARROWS	730
ORS ETHOLOGICAL ASPECTS OF ANIMAL	BEHAVIOR WITH SPECIAL REGARD TO ACOUSTIC BEHAVI	809
ISHES BIOLOGICAL SURVEY OF LOWER EOTONAC RIVER ECOLOGY	BEHAVIOR AND EVOLUTION OF FRESHWATER ESTUARINE	233
OPULATION ECOLOGY OF THE MALLARD PESTICIDES TERRITORIAL	BEHAVIOR AND THE RED-SHOULDERED HAWK POPULATIO	326
USCIDES SOCIAL ORGANIZATION IN NEOTOMA FLORIDANS SOCIAL	BEHAVIOR ORGANIZATION OF VERTEBRATES BEHAVIORA	395

TABLE 3 - RESARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

F RED AND GRAY FOXES WILDLIFE ECOLOGY ESPECIALLY ANIMAL	BEHAVIOR POPULATION BIOLOGY PREDATION IMPACT B	225
N BANDING ORNITHOLOGY AT THE ORGANISMIC LEVEL; ECOLOGY	BEHAVIOR POPULATION DYNAMICS NEST SITE SELECTIO	285
L EDDCATION ANIMAL ECOLOGY - ENVIRONMENTAL INFLUECES ON	BEHAVIOR SPECIATION; ENVIRONMENTAL IMPACT STATE	270
ARCH ALKALI PEE MANAGEMENT ECOLOGY - INSECT AND ANIMAL	BEHAVIOR SYMBIOSIS INSECT MANAGEMENT BIOLOGIC	43
NCES OF FISHES RESPONSES OF FISHES TO ORGANIC CHEMICALS	BEHAVIORAL AND ECOLOGICAL ASPECTS OF THERMAL AND	476
TELFOST FISHES CARCINOGENISIS IN CHRONIC EXPOSURE TO ICT	BEHAVIORAL CHANGES IN FISH EXPOSED TO DDT ULTRAS	768
OL STUDY FAUNAL RESOURCES OF OKWARI PARK SITE NY CT. NY	BEHAVIORAL ECOLOGIST UPPER TROPHIC LEVELS ECOSYS	130
	BEHAVIORAL ECOLOGY OF AQOATIC ANIMALS	793
	BEHAVIORAL ECOLOGY OF FISHES	290
FLORIDANS SOCIAL BEHAVIOR ORGANIZATION OF VEPTERBRATES	BEHAVIORAL ECOLOGY OF MAMMALS SOCIAL ORGANIZATIO	395
WILDLIFE SURVEY SEABROOK NEW HAMPSHIRE	BEHAVIORAL ECOLOGY OF SMALL MAMMALS TERRESTRIAL	236
NISIAN PRESANARAN PROJECT VERTEBRATE POPULATIONS AND	BEHAVIORAL ECOLOGY HABITAT SELECTION AND USE TU	253
E SUCCESS OF BLUGGILL SUNFISH INTRA- AND INTER SPECIFIC	BEHAVIORAL EFFECTS ON REPRODUCTIVE SUCCESS REPRO	308
ECTS OF ANIMAL BEHAVIOR WITH SPECIAL REGARD TO ACCOUSTIC	BEHAVIORS ETROLOGICAL ASP	809
OF ADAPTIVE RACE FORMATION DYNAMICS OF TWO LOCUS SYSTEMS	BEHAVIOURAL ASPECTS OF MIMICRY EVOLUTIONARY EC	732
NTROLLED EROSION IN MONTSWEAG BAY EFFECTS OF DREDGING IN	BELFAST HARBOR MARINE BENTHIC COMMUNITIES SURVE	181
L IMPACT OF PESTICIDES PUGET SOUND WATER QUALITY EFFECTS	BELLINGHAM BAY WATER QUALITY ENVIRONMENTAL POLL	652
LOGICAL STUDY EFFECTS OF WATER DIVERSIONS IN CONN. RIVER	BENEFIT-COST ANALYSIS THERMAL POLLUTION AND ENT	456
ND FRESHWATER PLANKTON DOMESTIC-INDUSTRIAL POLLUTION AND	BENIHAL INSECTS TROUT HATCHERY VS. OWNER OF A PO	289
HEAVY METALS FISH TEMPERATURE ACUTE TOXICITY HEAVY METAL	BENTHIC HEAVY METAL TOXICITY TOWARD FRESH WATER	576
ECOLOGY AND TAXONOMY OF MARINE	BENTHIC ALGAE ECOLOGY OF INTERTIDAL MARINE ALGAE	740
SES COMPETITION THEORY DISTRIBUTIONAL ECOLOGY OF STREAM	BENTHIC COMMUNITIES COMPETITION IN CLADOCERNAS S	10
TSWEAG BAY EFFECTS OF DREDGING IN BELFAST HARBOR MARINE	BENTHIC COMMUNITIES SURVEY OF MONTSWEAG BAY RE:	181
	ECOLOGY OF ALGAE	54
IS EFFECTS OF DREDGING AND DREDGE SPOIL DISPOSAL MARINE	BENTHIC ECOLOGY CAPE COD BAY ECOSYSTEM QUANTITAT	807
THIC INFAUNA ESTUARINE	BENTHIC ECOLOGY EFFECT OF HEATED EFFLUENT ON BEN	742
RKSHOP MARSH ECOLOGY MARINE OIL POLLUTION MID-WATER TO	BENTHIC ECOLOGY EXPERIMENTAL SALT MARSH STUDY OI	719
INTERTIDAL ENVIRONMENTS MARINE	BENTHIC ECOLOGY WITH EMPHASIS ON NEAR-SHORE AND	165
UNO, NORTH ADRIATIC DIVERSITY DEEP SEA MEIOFAUNA MARINE	BENTHIC ECOLOGY SALT MARSK ECOSYSTEM DEEP SEA	151
CHAIN DYNAMICS STUDIES - AQUACULTURE SYSTEMS CARBON-14	BENTHIC ECOLOGY-POOD CHAIN DYNAMICS MACROBENTHOS	720
AXSON LAKES LIMNOLOGY WATER POLLUTION BIOLOGY CREMISTEY	BENTHIC FAUNA FISHES LIMNOLOGY OF TWO DISSIMILAR	518
ATTY ACIDS IN MARINE FOOD WEBS LONG-TERM OBSERVATIONS ON	BENTHIC FISHES DISTRIBUTION AND ABUNDANCE OF CO	366
ESTUARINE BENTHIC ECOLOGY EFFECT OF HEATED EFFLUENT CN	BENTHIC INPAUNA	742
REE PRODUCTION STRUCTURE FUNCTION AND PRODUCTIVITY CP	BENTHIC INFAUNA AND PLANKTONIC PRIMARY PRODUCTIO	300
IPS IN DEEP SEA SOLID REFUSE DISPOSAL, DEEPSEA, EFFECTS	BENTRIC INVERTEBRATE COMMUNITY ECOLOGY IN THE DE	599
CT OF POLLUTION ON BENTHIC ORGANISMS EFFECTS OF DYLOX CN	BENTHIC MACROFAUNA EFFECT OF CIRCULATING WATER S	381
BIOASSAY TECHNIQUE IN ENDRIN POISONING OF SHAWNEE LAKE	BENTHIC MACROFAUNAL PRODUCTION ACID MINE DRAINAG	282
THREE POSSIBLE POWER SITES PLANT EFFECT OF POLLUTION CN	BENTHIC ORGANISMS EFFECTS OF DYLOX ON BENTHIC MA	381
KTONIC PRIMARY PRODUCTION AND MINERAL CYCLING COVE POINT	BENTHIC STUDY EFFECTS OF THERMAL LOADING AND WAT	300
ON ON AQUATIC ECOSYSTEMS EFFECT OF ORGANIC ENRICHMENT CN	BENTRICFAUNA OCCURRENCE OF SYMBIOCLADIUS EQUITAN	399
ON SEWAGE SLUDGE EFFECTS ON NEW YORK BIGHT BENTHOS DEEP-SEA	BENTHIC COMMUNITY RESPIRATION ENERGETICS OF PELA	661
P CHEMICAL WASTES EFFECTS OF INDUSTRIAL DISCHARGES UFCN	BENIHGHS ALGAE AND FISHES EFFECTS OF HEATED DISCH	8
AND POPULATIONS SEWAGE SLUDGE EFFECTS ON NEW YORK BIGHT	BENTHOS DEEP-SEA BENTHIC COMMUNITY RESPIRATION E	661
INVERTEBRATES THERMAL DISCHARGE EFFECTS ON HUDSON RIVER	BENTHOS ENVIRON SURVEY AQUATIC INVERTEBRATE EMBA	339
TUARIES ESTUARINE ECOSYSTEMS BENTHOS THERMAL EFFECTS ON	BENIHOS OF HUDSON RIVER EFFECTS OF OIL FIELD BRI	788
GO HARBOR AREA BIOLOGICAL LIMNOLOGY & FISHERIES BIOLOGY	BENTHOS OF NEAR SHORE WATERS OF LAKE ONTARIO FIS	207
NICAIAN RESEARCH SPECIALIST RESEARCH CP ZOOPLANKTON AND	BENIHGHS POPULATIONS FISHERY RESEARCH (GENL) GRAD	663
OIL FIELD BRINE ON TEXAS ESTUARIES ESTUARINE ECOSYSTEMS	BENTHOS THERMAL EFFECTS ON BENTHOS OF HUDSON RIV	788
M. ASPECTS OF WATER QUALITY IN SE VIRGINIA JAMES ESTUARY	BENIHGHS: SEDIMENT SIZE AND CHEMISTRY INFLUENCES	332
NSIVE ENVIRONMENTAL PLANNING SOLID WASTE MANAGEMENT PLAN	BERKS COUNTY LOCAL GOVERNMENT PLAN PHYSTOLOGICA	385
LANKTON AND THEIR ECOLOGY SURVEY-MARINE PHYTOPLANKTON OF	BERMUDA NUTRITIONAL REQUIREMENTS AND ECOLOGY OF	196
WTON OF BERMUDA NUTRITIONAL REQUIREMENTS AND ECOLOGY CP	BERMUDIAN ENDOSYMBIONS AND OTHER PHYTOPLANKTON S	196
ECIALLY OCCUPATIONAL RELATED DELAYED HYPERSENSITIVITY TO	BERYLLIUM COMPOUNDS THE EFFECT OF LUNG ANTIBODY	95
OLOGIC DISEASE OXYGEN TOXICITY INHALED GASEOUS IRRITANTS	BERVLLIUM TOXICITY DIAGNOSIS ANIMAL DISEASE INC	590
ENTS OF PHEASANTS IN SOUTH DAKOTA ECOLOGY OF UPLAND AND	BIG GAME ANIMALS GROSS CHANGES OF THE BLACK HIL	568
EFFECTS OF PARASITES ON SHARP-TAILED GROUSE PARASITES CP	BIG GAME IN SOUTH DAKOTA ANIMAL ECOLOGY AND MAN	67
NE WILDLIFE ECOLOGY AND WILDLIFE MANAGEMENT UPLAND AND	BIG GAME INFLUENCE OF DEER ON VEGETATION BREEDIN	618
CH ON WILDLIFE NATIONWIDE OUTDOOR RECREATION PLAN DESERT	BIGHORN SHEEP BOOK EXPERT ON NATIONAL PARKS AND	378
N ANIMAL DISEASES AND PARASITES NUTRITION AND DISEASE CP	BIGHORN SHEEP PHYSIOLOGICAL EFFECTS OF STARVATIO	623
GY OF NORTH ATLANTIC PLOPA BOTTOM WATER CURRENTS IN N.Y.	BIGHT MARINE PHYTOPLANKTON ECOLOGY BIOGEOGRAP	591
CHEMISTRY OF SEA WATER OCEAN RESODRCS NEW YORK	BIGHT ATOMIC SAFETY AND LICENSING BOARD	443
NITIES AND POPULATIONS SEWAGE SLUDGE EFFECTS ON NEW YORK	BIGHT BENTHOS DEEP-SEA BENTHIC COMMUNITY RESPIRA	661
S POPULATION DYNAMICS OF AQUATIC ORGANISMS MID ATLANTIC	BIGHT ENVIRONMENTAL SURVEY ELECTRIC FISH BARRIER	604
DELINEATION CP ZOOPLANKTON POPULATIONS. MID-ATLANTIC	BIGHT REGION	470
SHERY MANAGEMENT AND POLICY FISHERIES OF MIDDLE ATLANTIC	BIGHT STATE-FEDERAL FISRERY MANAGEMENT MODEL INV	472
L PROBLEMS ECOLOGICAL BASELINE STUDY OF THE MID-ATLANTIC	BIGHT. ECOLOGICAL BASELINE STUDY OF THE N.E. GUL	313
ES RIVER CT BLASTING IMPACT MARINE COVE INLAND WETLANDS	BILL ORGANIZATION AND MANAGEMENT OF ENVIRONMENT	80
CREATED ORIGIN ANALYSIS OF NANTUCKET SOUND ISLANDS TRUST	BILL PUTOPLICATION OF COBBOSEE WATERSHED MAINE	516
FD ENVIRONMENTS & PLANT EFFLUENTS DESIGN INCINERATOR FCR	BIO AGENTS WASTE MANAGEMENT SYSTEM EFFLUENTS/REC	402
WATER POLLUTION CONTROL WASTE TREATMENT USING	BIO-DISC TANNERY WASTE TREATMENT	603
S AND WATERS BIOCIDES IN THE SOIL PESTICIDES IN SOIL AND	BIOACTIVITY HERBICIDE MOVEMENT IN SOILS FATE AN	763
C LIFE EFFECTS OF PAPER MILL DISCHARGE UPON AQUATIC LIFE	BIOASSAY AND IN STREAM EFFECTS OF CHEMICAL WASTE	8
P INDUSTRIAL COMPLEXES ON THE KANAWHA RIVER USE OF CRUDE	BIOASSAY TECHNIQUE IN ENDRIN POISONING OF SHAWNE	282
	BIOASSAY USING DAPHNIA AS TEST ORGANISM	15
SIOLOGICAL RESPONSE OF GREEN CRAB TO METALS HEAVY METAL	BIOASSAY WITH MARINE ORGANISMS PHYSTIOLOGICAL RES	140
OGICAL WASTE TREATMENT NITRIFICATION ALGAL ASSAY FISH	BIOASSAY BRINE WASTES EVALUATION OF EFFECT OF 4	439
IMNOLOGY LIMNOLOGICAL SURVEY OF A BAY ON LAKE CHAMPLAIN	BIOASSAYS ON AQUATIC INVERTEBRATES USING HEAVY	279
AMICS TOXICITY OF SULFITE WASTE LIGAOC TO R. TROUT FISH	BIOASSAYS ACUTE & SUBLETHAL EFFECTS OF POLLUTAN	281
OTENS	BIOCHEM. & PHYSLIC. OF MUSCLE PROTEINS MUSCLE PR	180
YSIOLOGY COMPARATIVE	BIOCHEM. MOLECULAR SYSTEMATICS ENVIRONMENTAL PH	88
TION US USSR ENVIRONMENTAL PROGRAM TOXIC SUBSTANCES ACT	BIOCHEMICAL AND PHYSIOLOGICAL EFFECTS OF PERSIST	541
IS PROG. FOR FLORISTS' CROPS PLANT NUTRITION INCLUDING	BIOCHEMICAL ASPECTS OF ABSORPTION FOLIAR FERTIL	510
BIAL BIOCHEMISTRY AND ITS RELEVENCE TO POLLUTION CONTRCL	BIOCHEMICAL DEGRADATION OF LIGNIN DEVELOPMENT OF	694
SYSTEMATICS SUBLETHAL EFFECTS OF BALTIMORE HARBOR WATER	BIOCHEMICAL DETERMINATION OF STRIPED BASS POP. E	498
ER INDUSTRY CHEMICAL ENVIRONMENTAL PROBLEMS MARKETING CP	BIOCHEMICAL ENVIRONMENTAL TECHNOLOGY BIOCHENICA	731

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TIVE BIOCHEMISTRY PHYSIOLOGY PHARMACOLOGY TOXICOLOGY ENVIRONMENT EFFLUENT GUIDELINES FOR BEET SUGAR INDUSTRY	BIOCHEMICAL GENETICS HEAVY METAL COMPARATIVE	463
D CANAL ANALYSIS OF ENVIRONMENTAL EFFECTS ON ORGANISMS	BIOCHEMICAL GENETICS OF HETEROZISIS PERMANENT GRASS	735
BLEMS MARKETING OF BIOCHEMICAL ENVIRONMENTAL TECHNOLOGY	BIOCHEMICAL SYSTEMATICS SUBLETHAL EFFECTS OF BAL	498
QUALITY MERCURY AND THE FETUS "IN UTERO" ENVIRONMENTAL	BIOCHEMICAL-MICROBIOLOGICAL ENVIRONMENTAL TECHNOLOGY	731
REPATOR DECOLORIZATION OF DYE PLANT EFFLUENTS MICROBIAL	BIOCHEMISTRY - HEAVY METAL INTERACTIONS WITH PRO	161
FORMATION AND STATISTICS DEMOGRAPHIC STUDIES OF CHEMIST	BIOCHEMISTRY AND ITS RELEVANCE TO POLLUTION CONTROL	694
MOTION OF ANTHRACIN IN MOUSE SKIN ORGANIC SYNTHESIS AND	BIOCHEMISTRY AND OCEANOGRAPHY DIGITAL COMPUTER	425
IN TISSUE RESIDUES & TOXICOLOGY OF VETERINARY PRODUCTS	BIOCHEMISTRY APPLIED TO CANCER RESEARCH INHIBITION	632
VSE - PHOTOMANIP HERBICIDES ON INSECT PESTS COMPARATIVE	BIOCHEMISTRY DRUG METABOLISM RESIDUES OF VIRGINIA	185
POINSE--PHOTO MANIP HERBICIDES ON INSECT PEST COMPARATIVE	BIOCHEMISTRY INSECT DIAPAUSE - BIOCHEMISTRY INSECT	316
INSECT PESTS COMPARATIVE BIOCHEMISTRY INSECT DIAPAUSE -	BIOCHEMISTRY INSECT DIAPAUSE-BIOCHEMISTRY INSECT	315
MEDICINAL CHEMISTRY CHEMISTRY &	BIOCHEMISTRY INSECT PHOTOPERIODIC RESPONSE - PHO	316
AUTOLYTIC ENZYMES OF S. AUREUS MICROBIAL PHYSIOLOGY AND	BIOCHEMISTRY OF INSECT HORMONES	57
AL INVESTIGATION FISHERY RESEARCH TOXICOLOGY ECOLOGY	BIOCHEMISTRY PROTEIN SYNTHESIS INHIBITION BY POL	435
IVY, BIOCHEMICAL GENETICS HEAVY METAL COMPARATIVE	BIOCHEMISTRY I HOPE TO APPLY THIS TO WATER POLL	648
TIVITY HERBICIDE MOVEMENT IN SOILS FATE AND BEHAVIOR OF	BIOCHEMISTRY PEST CONTROL AQUATIC BIOLOGY DIVIS	749
SOILS FATE AND BEHAVIOR OF BIOCIDES IN SOILS AND WATERS	BIOCHEMISTRY PHYSIOLOGY PHARMACOLOGY TOXICOLO	463
COLOGY WITH EMPHASIS ON DISEASE TRANSMISSION AND VECTOR	BIOCIDES IN SOILS AND WATERS BIOCIDES IN THE SOI	763
INGHAM PLANT DETERMINATION OF HEALTH AND SAFETY HAZAROUS	BIOCIDES IN THE SOIL PESTICIDES IN SOIL AND BIOA	763
CAL LEGUMES POLLUTION OF FARM PONDS SOIL MICROBIOLOGY	BIOCONTROL ADAPTATION OF HUMAN MALARIA TO ANIMAL	755
NT	BIODEGRADATION AND AQUATIC TOXICOLOGY PRODUCT	31
GEOLOGICAL ECOLOGY ST. LAWRENCE B. ONTARIO SHORELINE STUDY	BIODEGRADATION OF PESTICIDES MODULATION OF TROP	491
LOGY OF MINNESOTA POLLUTION OF LAKE ONONDAGA, NEW YORK	BIODEGRADATION OF 2,4-D IN THE AQUATIC ENVIRONME	323
LAKE ONTARIO OPENOCEAN ORGANISMS RESPONSE TO POLLUTION	BIOGENIC SILICA IN PLANTS- ECOLOGICAL SIGNIFICAN	250
SS ECOSYSTEM ANALYSIS OF A LAKE ANALYSIS OF ECOSYSTEMS	BIOGEOCHEMICAL CYCLING AND PLANT DISTRIBUTION	741
ON COMPARATIVE POPULATION CYTOGENETICS OF VERTEBRATES	BIOGEOCHEMISTRY OF MARINE AND FRESHWATER SEDIMEN	192
LIZARD ECOLOGY PRESAHARAN ECOSYSTEM IN SOUTHERN TUNISIA	BIOGEOCHEMISTRY OF OCEANS WITH SPECIAL REFERENCE	74
SUTHERN TUNISIA BIOGEOGRAPHY HERETOPAU NA SOUTHERN SPAIN	BIOGEOCHEMISTRY; AQUATIC ECOLOGY NUTRIENT - HYDR	432
STEMATICS OF COASTAL AND INSULAR TERRESTRIAL VERTEBRATES	BIOGEOGEOGRAPHY COMP. POP. CYTOGENETICS & EVOL. SCE	297
L VERTEBRATES BIOGEOGRAPHY OF THE CAPE COD REGION MASS.	BIOGEOGEOGRAPHY HERPETOFAUNA SOUTHERN SPAIN BIOGEO	97
DIVERSITY BIOLOGY OF CORAL REEFS; THERORETICAL ECOLOGY;	BIOGEOGEOGRAPHY HERPETOFAUNA MOROCCO LIZARD ECOLO	97
R CURRENTS IN N.Y. BIGHT MARINE PHYTOPLANKTON ECOLOGY	BIOGEOGEOGRAPHY OF THE CAPE COD REGION MASS. BIOGE	418
P UTILIZATION OF DRASTICALLY DISTURBED AREAS CHEM. PHYS.	BIOGEOGEOGRAPHY OF THE OUTER BANKS NORTH CAROLINA	418
IALLY WITH REFERENCE TO MEANS OF BIOLOGICAL CONTROL PCE.	BIOGEOGEOGRAPHY OF TROPICAL MARINE ANIMALS EFFECTS	557
ENVIRONMENTAL MODIFICATION BY POLLUTION (MARINE-PHYSICAL-	BIOGEOGEOGRAPHY QUANTITATIVE MODELS QUANTITATIVE E	591
GE ROADSIDE REST AREA STUDY SAFETY IN WASTE TRT. PLANTS	BIOLOG. CHANGES IN A RESERVOIR AFTER REHABILITATIO	529
STRUCTURE AQUATIC COMMUNITY RESPONSE TO POLLUTION RAPID	BIOLOG. OF GERMAN COCKROACH IN LAB. CULTURES CONTR	346
OSYMBIOSIS AND OTHER PHYTOPLANKTON SURVEY OF CALDER LAKE	BIOLOG. OF REDGE SPOIL DISPOSAL IN RHODE ISLAND SOU	555
TAL SHELF NEUTRON ACTIVATION ANALYSIS OF LAKE SEDIMENTS	BIOLOGICAL ASPECT OF WASTE TREATMENT EFFECT OF PO	367
ON - ANAEROBIC DIGESTION EFFECTS OF PB INORG C AND O-FO	BIOLOGICAL INFORMATION SYSTEMS RECOVERY OF DAMAGE	103
BUDGETS MATHEMATICAL ANALYSIS OF AQUATIC SYSTEMS BOTH	BIOLOGICAL NUTRITIONAL REQUIREMENTS OF MARINE A	196
S - AUSTRALIA TERMITE BIOLOGY AND BEHAVIOR (PHEROMONES)	BIOLOGICAL & CHEMICAL INTERACTIONS IN FRESH EST	812
INFECTIOUS DISEASES THERMAL EFFECTS ON AQUATIC ORGANISMS	BIOLOGICAL ADVISOR MICROBIOLOGY-PHYSIOLOGICAL E	386
ISH ASIA BIOLOGICAL CONTROL OF AQUATIC NUISANCE DIPTERA	BIOLOGICAL AND PHYSICAL EUTROPHICATION PREDICTIO	342
H AFRICA W.H.O. CONSULTANT MOSQUITO CONTROL BY FISH ASIA	BIOLOGICAL CONTROL EXP. STUDIES ON COMMUNICATION	705
GY OF COCKROACHES ESPECIALLY WITH REFERENCE TO MEANS OF	BIOLOGICAL CONTROL IN TROPICAL PONDS MEKONG RIVE	414
INSECT AND ANIMAL BEHAVIOR SYMBIOSIS INSECT MANAGEMENT	BIOLOGICAL CONTROL OF AQUATIC INSECT PESTS MOSQ	46
HABITAT FOR WILDLIFE AND THE COLLECTION AND ANALYSIS OF	BIOLOGICAL CONTROL OF AQUATIC NUISANCE DIPTERA	46
PEAKE BAY AND TRIBUTARIES ESPECIALLY STRIPED BASS GROSS	BIOLOGICAL CONTROL OF INSECTS AND INSECT ECOLOGY	464
WCKERS ON MACHIAS BAY MAINE OFFSHORE OIL AND NEW ENGLAND:	BIOLOGICAL CONTROL POP. BIOL. OF GERMAN COCKROACH	364
PENTHIC MACROFAUNAL PRODUCTION ACID MINE DRAINAGE STREAM	BIOLOGICAL CONTROL RESEARCH ASSOCIATE RESEARCH O	43
MONTON, ALBERTA TOXICOLOGICAL EFFECTS OF AIR POLLUTANTS	BIOLOGICAL DATA EFFECTS OF EARLY SEPTEMBER HUNTI	493
ECT OF OVERBOARD DISPOSAL IN UPPER CHESAPEAKE BAY - FISH	BIOLOGICAL EFFECT OF OVERBOARD DISPOSAL IN UPPER	586
ICES OF FISHES BIOLOGICAL SURVEY OF SALEM CHURCH DAM SITE	BIOLOGICAL EFFECTS DESIGN OF WATER QUALITY MONIT	497
AL POLLUTION AS IT RELATES TO AIR WATER AND LAND QUALITY	BIOLOGICAL EFFECTS OF INDUSTRIAL COMPLEXES ON TH	282
ISP. RESOURCE ECONOMICS ESPECIALLY WATER AND FISHERIES	BIOLOGICAL EFFECTS OF OXIDANT AIR POLLUTANTS EFF	261
ICAL STUDY DIRECTOR SYSTEMATICS-ECOLOGY PROGRAM MARINE	BIOLOGICAL EVALUATION OF WIDENING AND DEEPENING	586
O HARBOR AREA ZOOPLANKTON STUDIES IN OSWEGO HARBOR AREA	BIOLOGICAL IMPACT OF GATHRIGHT DAM SITE LOCATION	62
LOGY ENVIRONMENTAL ANALYSES OF THREE PROPOSED RESERVOIRS	BIOLOGICAL IMPACT OF PESTICIDES PUGET SOUND WATE	652
& ENVIRONMENTAL STUDY OF PUMPED STORAGE SITES REPORT ON	BIOLOGICAL IMPLICATIONS ECONOMIC IMPACT OF ORGAN	231
OCK LAKE AQUATIC ECOLOGY - EUTROPHICATION PROCESSES AND	BIOLOGICAL LABORATORY WOODS HOLE MASS. SHPLL	112
ND ENVIRONMENTAL RESOURCES WATER POLLUTION CONTROL WITH	BIOLOGICAL LIMNOLOGY & FISHERIES BIOLOGY PENTHOS	207
ORS VITAMINS TOXINS SHELLFISH TOXICITY IN ALASKAN WATERS	BIOLOGICAL MONITORING BIOLOGICAL RECOVERY OF CLI	184
LYSES OF THREE PROPOSED RESERVOIRS BIOLOGICAL MONITORING	BIOLOGICAL PHYSICAL HUMAN ENVIRONMENTAL IMPACT	193
POSAL CHEMICAL-PHYSICAL ASPECTS OF AQUATIC SYSTEMS AND	BIOLOGICAL POLLUTION MONITORING TROPHOGENIC ECOL	469
P. A. CYANEUS GROUP SYSTEMATIC ICRTHOLOGY MEDITERRANEAN	BIOLOGICAL PROCESS TECHNOLOGY	722
VISORY BOARD EPA CONNECTICUT YANKEE ATOMIC POWER PLANT	BIOLOGICAL PROCESSES PURE OXYGEN USE IN BIOLOGIC	371
H STUDY COMPARATIVE BIOSYSTEMATIC STUDIES ON KILLFISHES	BIOLOGICAL PRODUCTIVITY IN COOK INLET ALASKA VIT	507
IOLOGY EUTROPHICATION STUDY OF SMITH MOUNTAIN LAKE VA.	BIOLOGICAL RECOVERY OF CLINCH RIVER AQUATIC BIO	184
PTON ROADS SPOIL BANK ECOLOGY AND SYSTEMATICS OF FISHES	BIOLOGICAL RELATIONSHIPS ENVIRONMENTAL IMPACTS S	117
IONS FISHERY RESEARCH (GENL) GRADUATE RESEARCH ASSISTANT	BIOLOGICAL STUDIES PROGRAM OCEAN ACRE PROJECT SY	267
IOLOGY ATP IN PLANKTON AS MEASURE OF BIOMASS AND ACTIVITY	BIOLOGICAL SURVEY DIRECTOR SYSTEMATICS-ECOLOGY P	112
EMOVAL ENHANCEMENT OF NITRIFICATION WITH CLINOPTILOLITE	BIOLOGICAL SURVEY OF LOWER POTOMAC RIVER ECOLOG	233
ION CONTROL WITH BIOLOGICAL PROCESSES PURE OXYGEN USE IN	BIOLOGICAL SURVEY OF PETERS CREEK VA. WATER POL	324
WATER WATER POLLUTION CONTROL - PHYSICAL CHEMICAL AND	BIOLOGICAL SURVEY OF SALEM CHURCH DAM SITE BIOLO	62
NNPCTICUT TIDAL WETLANDS PRESERVATION PROGRAM CONSULTANT	BIOLOGICAL TECHNICAL RESEARCH SPECIALIST RESE	663
SYSTEMATIC AND EVOLUTIONARY	BIOLOGICAL TREATMENT OF RESORCINOL WASTEWATER PH	85
WILDLIFE	BIOLOGICAL WASTE TREATMENT NITRIFICATION ALGAL	439
PRACTICAL RESEARCH AND MANAGEMENT IN FRESHWATER FISHERY	BIOLOGICAL WASTEWATER TREATMENT DENITRIFICATION	371
PE UTILIZATION OF PARKER RIVER, MASSACHUSETTS FISHERIES	BIOLOGICAL AND AQUATIC ECOLOGY ATP IN PLANKTON	85
	BIOLOGISTS NEOTROPICAL ANGIOSPERM TAXONOMY; NE	424
	BIOLOGY	152
	BIOLOGY (COLDWATER) SHORT TERM EFFECTS OF ACCOTH	73
	BIOLOGY - BASIC STATISTICAL APPLICATIONS AND POP	581

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

COMMUNICATION IN TERMITES TERMITES - AUSTRALIA TERMITE	BIOLOGY AND BEHAVIOR (PHEROMONES) BIOLOGICAL CON	705
G ECOLOGY OF BLACKBIRDS VERTEBRATE ECOLOGY EVOLUTIONARY	BIOLOGY AND BEHAVIOR ARTIFICIAL INCUBATION OF SP	665
ACTERIAL ECOLOGY INVESTIGATIONS OF FRESHWATER MICROCLAYE	BIOLOGY AND CHEMISTRY MICROBIAL (ALGAL BACTERI	532
ONDS LAKES RESERVOIRS AND STREAMS ATLANTIC SOBE CLAM -	BIOLOGY AND COMMERCIAL CATCH PACIFIC SALMON PASS	284
NT RESEARCH: POPULATION DYNAMICS OF Y. PPRCH POPULATION	BIOLOGY AND COMMUNITY ECOLOGY IN FISHERIES RESEA	353
MANAGEMENT PEST MANAGEMENT IN COASTAL AND ESTUARINE AREAS	BIOLOGY AND CONTROL OF EYE GHATS INTEGRATED CONT	23
ESTS INGESTION RATES OF CHIPMUNK POPULATIONS POPULATION	BIOLOGY AND ECOLOGICAL ENERGETICS OF SMALL MAMMA	276
CTS OF THERMAL DISCHARGES ON HUDSON FISH ESTUARINE FISH	BIOLOGY AND ECOLOGY DISTRIBUTION AGE AND ECOLOG	35
Y OF THE GOODUCK CLAM HIGH SEAS, PACIFIC SALMON STUDIES	BIOLOGY AND MANAGEMENT OF COMMERCIAL MOLLUSKS AN	14
FFECTS ON MARINE PLANKTON ESTUARINE AND MARINE PLANKTON	BIOLOGY AND MANAGEMENT OF FREE LIVING UNGULATES	149
RODUCTIONS IN RESERVOIRS FISHERY MANAGEMENT AND FISHERY	BIOLOGY AND POLLUTION EFFECTS EVALUATION THERMAL	564
FRESHWATER FISHERY	AS PERTAINING TO SPORT FISHERY DIGESTION	61
IN OSWEGO HARBOR AREA BIOLOGICAL LIMNOLOGY & FISHERIES	BIOLOGY BASS YEARCLASS STRENGTH	513
LAK FOR SUMMIT & PAXSON LAKES LIMNOLOGY WATER POLLUTION	BIOLOGY BENTHOS OF NEAR SHORE WATERS OF LAKE ONT	207
TOXICOLOGY ECOLOGY BIOCHEMISTRY PEST CONTROL AQUATIC	BIOLOGY CHEMISTRY BENTHIC FAUNA FISHES LIMNOLOGY	518
LOGY SUCCESSION SHALLOW COASTAL WATERS CARIBBEAN SOCIAL	BIOLOGY DIVISION OF FISHERY RESEARCH BRANCH CHI	742
MONITORING BIOLOGICAL RECOVERY OF CLINCH RIVER AQUATIC	BIOLOGY ECOLOGY OF HOMICIDE AND SUICIDE ENVIRONM	770
POLLUTION STUDY ON THE SHENANDOAH RIVER WATER POLLUTION	BIOLOGY ENVIRONMENTAL ANALYSES OF THREE PROPOSED	184
OF A COLLATER COUNTER TO ASSESS ZOOPLANKTON GRAZING; LAKE	BIOLOGY EUTROPHICATION STUDY OF SMITH MOUNTAIN L	324
TRAP SUBSTANCES INTERACTION OF BEHAVIOR AND POPULATION	BIOLOGY FEEDING OF DAPHNIA ON ALGAE OF DIFFERENT	126
ENGUS POPULATION MODELING AQUATIC ECOLOGY AND FISHERIES	BIOLOGY IN SEABIRDS POPULATION & MOVEMENTS OF NE	194
EFFECTS OF FLUCTUATING WATER LEVELS FISHERIES AND AQUATIC	BIOLOGY LIPE HISTORY OF DOROSOMA PETENENSE IN AR	376
DEVELOPMENTAL	BIOLOGY MANHADEN MIGRATIONS MANHADEN PARASITES P	405
OF MARINE LARVAE AND BOILING AND BORING ORGANISMS LARVAL	BIOLOGY OF ALGAE	139
N BETWEEN BLACK AND WILD GERMAN COCKROACHES POPULATION	BIOLOGY OF BORING AND FOULING MOLLUSKS CINEMATOG	162
OSAL REEFS CARIBBEAN COPAL REEF STRUCTURE AND DIVERSITY	BIOLOGY OF COCKROACHES ESPECIALLY WITH REFERENC	346
EROSOPHIA DISPERSAL ANIMAL DISPERSAL;	BIOLOGY OF CORAL REEFS; THERORETICAL ECOLOGY; BI	557
ELY ALGAE MITOSIS IN A PHYTOELAGELLATE CELL	BIOLOGY OF DIPTERA BIONOMICS OF MILKWEED BEETLE	520
BALTIMORE HARBOR SURVEY FISHES OF CHINCOTEAGUE BAY	BIOLOGY OF EUCARYOTIC MICROORGANISMS - PARTICULA	331
OZOA AND FUNGI CELL BIOLOGY OF MARINE COCCOID FUNGI CELL	BIOLOGY OF FISHES FISH ANATOMY SURVEY FISHES OF	784
T DISEASES WRITING BOOK-"CHEMISTRY OF FUNGICIDAL ACTION"	BIOLOGY OF RAPLOSPORIDANS ULTRASTRUCTURE OF JELL	544
TERFACTIONS MAMMALS OF NEW MEXICO EVOLUTIONARY	BIOLOGY OF HELMINTHOSPORIUM MAYDIS RACE T SELECT	442
FACTION CELL BIOLOGY OF MASSIVE PROTOZOA AND FUNGI CELL	BIOLOGY OF MAMMALS BAT ECOLOGY ANIMAL - PLANT IN	790
G LARVAE ECOLOGICAL IMPACT OF NUCLEAR PLANT, N.H. COAST	BIOLOGY OF MARINE COCCOID FUNGI CELL BIOLOGY OF	544
ION OF THE EFFECTS OF CLUMPING POPULATION AND COMMUNITY	BIOLOGY OF MARINE LARVAE AND FOULING AND BORING	162
ANS ULTRASTRUCTURE OF JELLYFISH MUSCLE CONTRACTION CELL	BIOLOGY OF MARINE MOLLUSCS IN PARTICULAR EFFECTS	547
KTON SURVEY OF SEABROOK ESTUARY	BIOLOGY OF MASSIVE PROTOZOA AND FUNGI CELL BIOL	544
ON ECOLOGY RADIATION EFFECTS ON BEHAVIOR AQUACULTURE AND	BIOLOGY OF PLANKTONIC MARINE CRUSTACEANS ZOOPLAN	779
ITANUM MINE WASTE DUMPS IN THE ADIRONDACK MOUNTAINS THE	BIOLOGY OF SEA TURTLES VERTEBRATE AND AQUATIC E	644
KS AND FISH EFFECTS OF HURRICANE AGNES ON CHESAPEAKE BAY	BIOLOGY OF THE CLOUDLAND DEER MOUSE PEROMYSCUS M	398
STUDY COMMUNITY SUCCESSION ON DREDGE ISLAND REPRODUCTION	BIOLOGY OF THE GOODUCK CLAM HIGH SEAS PACIFIC S	14
K FISHES ASSOC. PELAGIC SARGASSUM REVISION & COMPARATIVE	BIOLOGY OF THE OSPREY ECOLOGY OF VERTEBRATES S	534
REPRODUCTION FULL TIME RESEARCH SINCE 1965 - REPRODUCTIVE	BIOLOGY OF TILAPIES MARINE ECOLOGY & SYSTEMAT	191
DYNAMICS OF COMMUNITIES RESOURCE PARTITIONING TROPICAL	BIOLOGY PITUITARY ESN PHYSIOLOGY EFFECTS OF ENV	108
SH IMMUNITY TO PARASITES SHELLFISH DISEASES MOLLUSCAN	BIOLOGY RESOURCE PARTITIONING OF TROPICAL EPIPHY	622
OLOGICAL WATER QUALITY ANALYSES RIVERS-LAKES POPULATION	BIOLOGY SHELLFISH DISEASES SCHISTOSOMIASIS SNAIL	123
ITES IMPACT OF FORESTRY OPERATIONS ON WILDLIFE WILDLIFE	BIOLOGY THERMAL-ACID DRAINAGE SEWAGE INTERACTION	387
PS MARINE FISHES OF VIRGINIA'S EASTERN SHORE POPULATION	BIOLOGY WILD TURKEY FOOD HABITS WILD TURKEY INTE	125
G COMMITTEE OF DAT DONG OF INT. FEL. OF REC. POPULATION	BIOLOGY AND AGE GROWTH ANALYSES OF FISHES AGE	579
RINE INVERTEBRATES POPULATION	BIOLOGY BOTH ITS ECOLOGICAL AND ITS EVOLUTIONAR	358
R TOXIN OF SPHEROIDES TESTUDINEUS ICHTHYOLOGY FISHERY	BIOLOGY COMMUNITY ANALYSIS OF INSHORE AND ESTUA	237
S VERTEBRATE FAUNA COLORADO NATL. MONUMENT REPRODUCTIVE	BIOLOGY ECOLOGY OF PLANKTONIC ORGANISMS	260
PULATION ESTIMATION HAINBOW TROUT SPANNING SUCCESS FISH	BIOLOGY ENVIRONMENTAL POLLUTION NEW JERSEY MARI	487
WILDLIFE ECOLOGY ESPECIALLY ANIMAL BEHAVIOR POPULATION	BIOLOGY GENERAL ECOLOGY AND SYSTEMATICS OF SQU	468
NG ST. CATHERINE SD, POTOMOC RIVER, MD MARINE FISHERIES	BIOLOGY MEASURES OF ENVIRONMENT AND FISH THEMSE	246
G DRUG ON RATS, DOGS, & HORSES CELLULAR & DEVELOPMENTAL	BIOLOGY PREDATION IMPACT EVALUATION IMPACT EVAL	225
ARIATION IN FICUS VESICULOSUS SHALLOW MARINE PCHNCDEPM	BIOLOGY; AGE-GROWTH LIFE HISTORIES; ENVIRONMENT	48
ROPHICATION OF BUSH RIVER GREAT AMERICA PROJECT AQUATIC	BIOLOGY; ELECTRONMICROSCOPY; HISTOLOGY; EMBRYOLO	426
OLLUTION LIGHT PENETRATION IN SEA AND ECOLOGICAL EFFECTS	BIOLOGY-ECOLOGY HOLOTHURIANS (COLD WATER-BOREAL)	380
GICAL AND AQUATIC ECOLOGY ATP IN PLANKTON AS MEASURE CP	BIOLOGY-PRESHWATER ESTUARIES OCEANS PHYTOPLANK	222
MUSCUS BIRD POPULATIONS	BIOUMINESCENCE AND ITS ECOLOGY APPLICATION OF	132
ENTIFYING FUNGI RESEARCH ASSISTANT IBP CONIFEROUS FOREST	BIOMASS AND ACTIVITY BIOLOGICAL TREATMENT OF RES	85
OGY ENVIRONMENTAL MANAGEMENT IN COLD REGIONS U.S. TONDRA	BIOMATHEMATICAL MODELING SOCIAL BEHAVIOR OF PERO	613
OLL SHORES BOQUE BANKS IMPACT ANALYSIS DECIDUOUS FOREST	BIOME IBP COLD REGION ECOLOGY AND TERRAIN OIL SP	641
MANAGEMENT SYSTEM EFFLUENTS/RECYCLING MICROBIAL HAZARDS	BIOME NATURAL SYSTEMS DREDGING SUNNY POINT MARIN	198
AL FUNCTION EFFECT OF LEAD INGESTION ON MENTAL FUNCTION	BIOMEDICAL ENVIRONMENTS MICROBIAL CONTAMINATION	402
ONMENTAL TECHNOLOGISTS THE STUDY OF NATURAL PRODUCTS CF	BIOMEDICAL RESEARCH NEUROBIOLOGY NEUROCHEM. EPFE	241
L ANIMAL DISPERSAL; BIOLOGY OF DIPTERA	BIOMEDICAL SIGNIFICANCE BRANACLE - CEMENT GLANDS	431
S REPRODUCTION OF MOSQUITOES HORMONOMETRIC INSECTICIDES	BIONOMICS OF MILKWEED BEETLE DROSOPHILA DISPERSA	520
DUCTION & PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES	BIONOMICS OF NATURAL CULEX PIPES POPULATIONS RE	680
FOGATION OF SUSPENDED AND COLLOIDAL PARTICLES IN WATER	BIOPHYSICAL CHEMISTRY PARTICULARLY CHEMICAL REA	5
ENING AND DEEPENING C & O CANAL - FISH EVALUATION OF SEX	BIOPHYSICAL LIMNOLOGY REAERATION OF CHEROKEE RES	409
N IVY BUDS IONIZING RADIATIONS AND RADIONUCLIDES IN THE	BIOPHY METHOD - STRIPED BASS ADULT AND YOUNG PI	586
T MINERAL NUTRITION & PLANT PHYSIOLOGY TRACE ELEMENTS IN	BIOSPHERE NEUTRON AND GAMMA-RAY RESPONSE OF SPED	526
FISHERY POPULATION DYNAMICS OF ADULT ATLANTIC MENHADEN	BIOSPHERES NITROGEN NUTRITION & ALKALOID PRODUCT	771
IFERIDA LATE PLEISTOCENE PALEOECOLOGY OF TONGUE OF OCEAN	BIOSTATISTICAL ANALYSIS OF MARINE FISHERIES DATA	234
LA VALLEY, N.M. AVIAN EVOLUTION TAXONOMY ZOOGEOGRAFY	BIOSTRATIGRAPHY OF ATLANTIC COASTAL PLAIN ECOLOG	445
IOTIC BIOSYNTHESIS ENVIRONMENTAL IMPACT PANEL ANTIBIOTIC	BIO SURVEY OF THE SAN FRANCISCO VALLEY 4.M. WEST	345
TIC ACTION ANTIBIOTIC DEVELOPMENT CONTROL OF ANTIBIOTIC	BIOSYNTHESIS ACTION OF ANTIBIOTICS AND REGULATI	76
ESIS ACTION OF ANTIBIOTICS AND REGULATION OF ANTIBIOTIC	BIOSYNTHESIS AND ACTIONS OF ANTIBIOTICS ENVIRONM	77
GANIC COMPOUNDS IN A PENNSYLVANIA STREAM INDOLE ALKALOID	BIOSYNTHESIS ENVIRONMENTAL IMPACT PANEL ANTIBIOT	76
ATER MARINE FISHES OLDMANS CREEK MARSH STUDY COMPARATIVE	BIOSYNTHESIS PIGMENTS OF CENTROSPERMAL PLANTS N	417
ASCULAR FLORA OF CHESHIRE CO., NEW HAMPSHIRE	BIO SYSTEMATIC STUDIES ON KILLIFISHES BIOLOGICAL	233
	BIO SYSTEMATIC STUDY OF VERONICA SERPHYLLIPOLIA V	72

TABLE 1 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

OF PHEROMONE SPECIFICITY BIOSYSTEMATICS OF BARK BEETLES	BIOSYSTEMATICS OF BARK BEETLES ATTRACTANT PHEROM	412
OPBAN ELM BARK BEETLE BENEFITS OF PHEROMONE SPECIFICITY	BIOSYSTEMATICS OF BARK BEETLES BIOSYSTEMATICS OF	413
ANATOMY ECOLOGY TERRESTRIAL STUDIES OF CRUSTAL AND INSECT E	BIOA CRANEY ISLAND ENVIRONMENTAL STUDY FAUNAL	414
ECOLOGY PROJECT	BIOTA OF CHESAPEAKE BAY OIL SPILL STUDY ENERGY P	415
UTION CONTROL SURFACE WATER MOVEMENTS IN NEW YORK HARBOR	BIOTA OF MANHASSETT BAY GROUND RECHARGE IN SUFFOL	240
OF MICROCOSMS: A POLLUTION TOOL EFFECT OF OIL ON MARINE	BIOTA SALT MARSH PRODUCTIVITY & PLANT EXPORT PO	501
CLUTION SURVEILLANCE - BEACH RES. FOR ACTINOMYCETIC AGENT	BIOTOPHICITIAN TRAINING MODULES DEVELOPMENT PROT	485
Y OF NARY ASPECT INCLUDING CHEMISTRY THE ECOLOGY OF THE	BIRCH LAKE AREA IN MINNESOTA PATHOLOGY AND HISTO	486
REGULATION IN HOMEOTHEPMS PHYSIOLOGICAL ECOLOGY OF A WILD	BIRD PHYSIOLOGICAL ECOLOGY ENERGY-BALANCE ENV	674
VIRONMENTAL IMPACT OF ELECTRICAL TRANSMISSION CONTROL OF	BIRD DEPREDATION ON AGRICULTURAL CROPS VERTEBRA	101
THE BARKBEED DEPREDATIONS STUDIES ECOLOGICAL STUDIES OF	BIRD DEPREDATIONS STUDIES OF POPULATION SCOL ST	230
THE AVIAN FLIGHT OPERATIONS AVIAN FLOCKING BEHAVIOR AND	BIRD ENVIRONMENTAL INVASIVES BIRDS OF ATLANTIC	311
PROJECT PHYSIOLOGICAL BASIS OF BEHAVIOR SENSORY BASIS OF	BIRD IDENTIFICATION DISTRIBUTION AND ECOLOGY	239
OF AND LASTE VERTEBRATE ECOLOGY AND HABITAT SELECTION	BIRD NAVIGATION ELEMENTARY SCIENCE STUDY NATURAL	742
ED SANCTUARIES ORNITHOLOGY IN NIA-ARA FRONTIER REGIONAL	BIRD POPULATION EFFECT OF LOGGING ON TIMBER OFFER	762
BIOMATHEMATICAL MODELING SOCIAL BEHAVIOR OF PEROMUSCUS	BIRD POPULATION STUDIES; CO-AUTHOR OF BIRDS OF T	489
FUEL RECREATION & OUTDOOR EDUCATION COURSES RESEARCH IN	BIRD POPULATIONS	613
DETERMINING DENSITY OF FORESTBIRD EFFECTS OF CLEARCUTTING ON	BIRD POPULATIONS - THESIS RESEARCH IN HERRING GU	292
EMPHASIS ON SMALL GAMB SPECIES EVALUATION OF EXOTIC GAMB	BIRD POPULATIONS HABITAT REQUIREMENTS OF RAVEN	351
LANDFILL AREAS SETTING ASIDE AREAS AS WILDLIFE REFUGES OR	BIRD PROGRAM PHEASANT LIVE TRAPPING STUDY QUANTI	746
VERTTEBRATE ECOLOGY AND PALEOLOGY FEEDER RESEARCH	BIRD SANCTUARIES ORNITHOLOGY IN NIAGARA FRONTIE	489
Y SPECIES DIVERSITY ORNITHOLOGY ECOSYSTEM DEVELOPMENT	BIRD SOUND CASSETTES	714
WITHOUT REMINERATION BROAD NATURAL HISTORY ESPECIALLY	BIRD SPECIES DIVERSITY AND SECONDARY SUCCESSION	404
RS IN NORTHERN HARDWOODS FOREST RADIATION SENSITIVITY OF	BIRD MAMMAL AND PLANT ECOLOGY ALL CONSULTANT SE	210
OF UTAH LIFE HISTORY ECOLOGY AND MIGRATION OF PELAGIC	BIRDS COMMUNITY ECOLOGY OF TERRESTRIAL VERTEBRA	706
EGAN OF DIFFERENT SIZES UNPALATABILITY OF BUTTERFLIES TO	BIRDS LIFE HISTORY ECOLOGY OF BIRDS AND MAMMAL	90
ECOLOGY OF TERRESTRIAL VERTEBRATES IN TROPICAL FORESTS	BIRDS USE OF A COUNTER TO ASSESS ZOOPLA	126
THE ECOLOGY AND MANAGEMENT OF GAME SPECIES OF	BIRDS AND CATAPILLARS IN NORTHEAN HARDWOODS FORE	766
AND MIGRATION OF PELAGIC BIRDS LIFE HISTORY ECOLOGY OF	BIRDS AND MAMMALS	138
ICES DISTRIBUTION AND LIFE HISTORY OF VERTEBRATES ESP.	BIRDS AND MAMMALS AND WILDLIFE DISEASES CHEMICAL	99
STOCK NATIVE RODENTS IN UTAH LIFE HISTORY AND ECOLOGY OF	BIRDS AND MAMMALS COMPILATION OF WILDLIFE IMPORT	42
ULABLY FEATHER STRUCTURE BRISTLES OF BIRDS INTEGUMENT OF	BIRDS AND MAMMALS OF UTAH LIFE HISTORY ECOLOGY	39
INTRATHATCH ASPECTS OF COMMUNICATION BEHAVIOR IN	BIRDS AVIAN ANATOMY/INTEGUMENT DESCRIPTIVE AND	697
AVIAN ANATOMY PARTICULARLY FEATHER STRUCTURE BRISTLES OF	BIRDS COMMUNICATION BEHAVIOR IN WHITE-BREASTED N	504
IAN FLOCKING BEHAVIOR AND BIRD ENVIRONMENTAL INVENTORIES	BIRDS INTEGUMENT OF BIRDS AVIAN ANATOMY/INTEGUMEN	636
FRONTIER REGIONAL BIRD POPULATION STUDIES; CO-AUTHOR OF	BIRDS OF ATLANTIC SPAOARD HATTERAS TO CAPE COD	328
ELD GROWTH IN THREE SPECIES OF HAWKS IMPACT OF RAPTORAL	BIRDS OF THE NIAGARA FRONTIER REGION WESTERN NY	489
ZEYS TARDON PESTICIDE RESEARCH PROJECT SPORT FISHERY OF	BIRDS ON GRASSLANDS POPULATION DYNAMICS OF RAPTO	521
ETERNARY MEDICINE EVALUATION OF HUMAN PREGNANCY TEST IN	BISCAYNE BAY FLORIDA ENVIRONMENTAL MARINE SCIE	744
GRATED CONTROL OF THE HOUSE FLY INSECT PEST MANAGEMENT	BITCHES SEPARATION OF THROMBOCYTES AND LYMPHOCYT	752
MOLLUSCS IN PARTICULAR EFFECTS OF DISTURBANCE OF MARINE	BITING FLIES MOSQUITOES FILTH FLIES COASTAL M	23
TION BEHAVIOR OF MARINE SNAILS BEHAVIOR AND TRANSPORT OF	BIVALVE COMMUNITIES EFFECTS OF OPENING MUGU LAGO	547
AD COUNTIES AQUACULTURE FOR LONG ISLAND ABNORMALITIES IN	BIVALVE LARVAE EXPERIMENTAL ANALYSIS ECOLOGY PH	799
XONOMY AND SYSTEMATICS OF FRESHWATER MOLLUSCS (MOLLUSCA:	BIVALVE SHELLFISH CULTURE OF MARINE ORGANISMS M	721
HEEN MAINE EFFECTS OF VARIOUS STOCKING RATES IN PONDS ON	BIVALVIA: UNIONACEA) IDENTIFICATION OF FRESH-WAT	244
Y ADIRONDAKS BEAR STUDY LIFE HISTORY AND MANAGEMENT OF	BLACK TROUT FISHING QUALITY PREDATION ON NEWLY STO	73
VERY BIOLOGY AS PERTAINING TO SPORT FISHERY DIGESTION IN	BLACK AND WILD GERMAN COACKROACHES POPULATION R	346
BOWTH ANALYSES OF FISHES AGE GROWTH AND DISTRIBUTION OF	BLACK BEAR AND WHITE-TAILED DEER AND URBAN WILDL	486
OF HEAVY METALS IN WATER WINTER ECOLOGY SALT MARSHES AND	BLACK CRAPPIE PREDATOR FISH INTRODUCTIONS IN RES	61
ODDSUCKING FLIES OF CHOCERCIASIS CONTROL MICROSPORIDS CN	BLACK DRUM ANALOG SIMULATION IN FISH POPULATION	579
LOGY OF UPLAND AND BIG GAME ANIMALS GOSS CHANGES OF THE	BLACK DUCKS ORNITHOLOGY WITH SPECIAL REFERENCE	274
E ECOLOGY; WILDLIFE MANAGEMENT; WILDLIFE LAW ENFORCEMENT	BLACK FLIES MALARIA CONTROL	384
ECOLOGY OF AFRICAN FALGES COMPARATIVE FEEDING ECOLOGY OF	BLACK HILLS PINE FOREST MOVEMENTS OF PHEASANTS I	568
ANCE ENVIRONMENTAL PHYSIOLOGY ANIMAL PHYSIOLOGY ENERGY	BLACKBIRD DEPREDATIONS STUDIES ECOLOGICAL STUDIE	330
ENVIRONMENTAL FIELD STUDIES BREEDING THAMES RIVER CT	BLACKBEEDS VERTEBRATE ECOLOGY EVOLUTIONARY BIOL	625
ES SEPARATION OF THROMBOCYTES AND LYMPHOCYTES FROM AVIAN	BLANCAE OF ORGANISMS UNDER NATURAL CONDITIONS TH	674
NEPTIANE AS POLLUTION INDICATOR ADAPTATIONS OF BIRDS	BLASTING IMPACT MARINE COVE INLAND WETLANDS BIL	80
DISEASE PHYSIOLOGICAL HEMATOLOGY PATHOLOGY FEGGIATING	BLOOD BASIC SCIENCES RELATED TO VETERINARY MEDI	752
SPORTS ON BLACK FLIES MALARIA CONTROL	BLOOD ENVIRONMENTAL PHYSIOLOGY OF FISHES AMPHI	581
ONDS ECOLOGICAL SURVEY OF A COASTAL BRACKISH LAKE	BLOOD CELL FORMATION HUMORAL REGULATION OF THROM	147
MEETS ECOLOGY OF THE HORWAX FLYES FLOODPLAIN MAMMALS OF	BLOODSUCKING FLIES ON CHOCERCIASIS CONTROL MICRO	364
STAD RESPONSE TO A DEATOGEN IN W/O MECHANISM OF TRYHAN	BLOOD GREEN ALGAE AND EUTROPHICATION OF COASTAL P	501
MICROPIAL ECOLOGY; ALGAL VIROLOGY LYSOGENY IN	BLUE RIDGE MOUNTAINS SMALL MAMMALS OF REDMONT P	114
IES EFFECT OF CERTAIN SEED PLANTS UPON GROWTH OF CERTAIN	BLUE TERATOGENIC ANIMAL MODEL SYSTEM FOR 2,4,5	42
LYN MONITORING	BLUE-GREEN ALGAE	106
WITHOUT BIRDS VS. CAVAL OF A MURDER CASE	BLUE-GREEN ALGAE PHYSIOLOGICAL PLANT ECOLOGY AN	433
ING MECHANISMS LARVAL FISH ECOLOGY ECOLOGY OF LIMNETIC	BLUE-GREEN ALGAE ECOLOGY AND SYSTEMATICS POLLU	679
OSTION OF 22 SPECIES OF FRESHWATER FISHES SEPARATION OF	BLOOMFIELD AND BLOOMFIELD BASS ECOLOGY OF FISHES;	284
EFFECTS ON REPRODUCTIVE SUCCESS REPRODUCTIVE SUCCESS OF	BLOUGILL SRY IMPACT OF DYLOX ON AQUATIC VERTEBRA	772
IFE PRODUCTIVITY FOR RECREATION PURPOSES DUE 24 TRAPPING	BLOUGILL POPULATION WITH SEROLOGICAL METHODS FI	51
NEPTIANE ARKANSAS PRELIM ENVIRON SURVEY PINE	BLOUGILL SHREWS IMPA- AND INTER SPECIES BEHA	308
TION ASSESSMENT REDSTONE ARSENAL AL ENVIRON SURVEY PINE	BLOUGILL SUNFISH IN FARM PONDS LAKE TROUT CHROM	777
STEMS ANALYSIS SIMULATION MARSH ECOLOGY ECOLOGY OF TRAIL	BLOUP ARSONAL ARKANSAS IDENTIFY AND MANAGE A	542
MANAGEMENT HURRICANE IMPACT ON OAHAI HABITAT HABITAT AND	BLOUP AR INVENTORY AND EVALUATE POTENTIAL SOUP	453
THE TEMPERATURES ON L. LITTOREA DRIPT BOTTLE STUDIES AT	BLOUP MARINE SIMULATION MODEL OF HARRAGANSETT BA	517
MENT - NUCLEAR POWER DIATOM COMMUNITY ANALYSES - CEFER	BLOUWHITE CHAUL PRODUCTION SOUTH TEXAS RANGE AND	53
AVIAN MICROBIAL ECOLOGY PSYCHOGENIC STUDY OF CEFER	BUDENHA BAY CAL. MARINE BOTANY ECOLOGY	743
EFFECT OF ENVIRONMENTAL FACTORS (TEMPERATURE POBETS	BUDENGA HEAD CALIFORNIA PHYSIOLOGICAL ECOLOGY O	299
URING HAMPTON ROADS DEEDGE AND DELL PINE SHAIL SHORES	BOG THE DIATOM CYMBELLA CISTULA DIATOM COMMUNIT	347
IN DYNAMICS OF HARVESTER ANTS METHODS IMPROVEMENT - PINK	BOG CHTO ENVIRONMENTAL ANALYSIS IF A WATER PLAN	654
NATIONWIDE OUTDOOR RECREATION PLAN DESERT HIGHORN SHEEP	BOG VEGETATION ANALYSIS AND MAPPING EFFECT OF	171
	BOGS ARCTIC) ECOLOGICAL SURVEY FOR FORESTRY AN	171
	BOGUE BARKS IMPACT ANALYSIS DECIDUOUS FOREST BI	196
	BOLIVORM PROGRAM HOST-PLANT INSECT CO-EVOLUTION	208
	BOY EXPERT ON NATIONAL PARKS AND WILDLIFE MANAG	378

RELATION MEASURES OF CONTROLLING PLANT DISEASES WRITING	44
ST SURVEY NW EQUADOR TREE IDENTIFICATION PREPARATION OF	
TION & ANALYSIS ECOLOGICAL STUDY OF DELAWARE RIVER NEAR	
ARVAE AND FOULING AND BORING ORGANISMS LARVAL BIOLOGY OF	
ST, N.H. COAST BIOLOGY OF MARINE LARVAE AND FOULING AND	
ALACOLOGY ANATOMY IMMUNOLOGY SYSTEMATICS MEKONG WATER	
INORGANIC PLANT NUTRITION ESPECIALLY TRACE ELEMENTS	
FILTRATION BEDS WASTEWATER STUDIES FOR BEHRMACK RIVER &	
MARINE ENVIRONMENTS GC-MS ANALYSIS OF PCB DDT ORGANICS IN	
FUTRON AND GAMMA-RAY RESPONSE OF SEEDS PLANTS X RAYS ON	
ASTE TO FUEL GAS ENVIRONMENTAL IMPACT STATEMENT DVC LIG.	
ON PINE SEEDLING GROWTH SURVEY OF UNIVERSITY OF GEORGIA	
SOURCES OF MAINE AQUACULTURE POTENTIAL FOR MAINE MARINE	
OF ALGAE IN A TRANSECT, BODEGA BAY, CA. MARINE	
ECOLOGY OF SPREPENTINE SOIL EPIDEMIOLOGY & PHYSIOLOGY OF	
R CONTROL DISEASES OF SMALL FRUIT CROPS; PHYTOPHTHORA &	
SNAIL EFFECTS OF HIGH TEMPERATURES ON L. LITTOREA DRIFT	
TIVE MODELS QUANTITATIVE ECOLOGY OF NORTH ATLANTIC FLORA	
ER BEDS IN JAMES RIVER EFFECT OF HIGHWAY CONSTRUCTION ON	
INTILATION STUDIES ATMOSPHERIC TURBULENCE IN PLANETARY	
ON & HYDROLOGY STUDY OF UNIVERSITY OF MD SECTOR OF PAINT	
MANAGEMENT WATERFOWL AND ASSOC. IN	
ICATION OF COASTAL PONDS ECOLOGICAL SURVEY OF A COASTAL	
CLING IN NATURAL MARINE AND ESTUARINE SYSTEMS ECOLOGY OF	
MAMMALIAN NERVOUS SYSTEM COMPARATIVE ANATOMY OF CRYPTACEAN	
GLIC SARGASSUM SEXUAL DIMORPHISM IN TOADPISH SWIMBLADDERS	
THE STUDY OF NATURAL PRODUCTS OF BIOTIC SIGNIFICANCE	
ST CONTROL AQUATIC BIOLOGY DIVISION OF FISHERY RESEARCH	
HIGHLANDS PROJECT SLEEPY HOLLOW RESIDENTIAL DEVELOPMENT	
D TOXICITY ON P. ROSPOLA HAZARD ASSOCIATED WITH SHIP AND	
DUCTION OF BREAST TUMORS RADIATION DOSE RESPONSE FOR RAT	
N AND CHEMICAL CARCINOGENESIS CHEMICAL AND RADIATION PAT	
AL AND RADIATION RAT BREAST TUMORS IN VITRO INDUCTION CE	
I INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE PLANT	
-SELF-COMPATIBILITY OF RED CLOVER FORAGE LEGUMES SOYBEAN	
URAL PRODUCTION COMPREHENSIVE REVIEW OF RESEARCH - PLANT	
ENT UPLAND AND BIG GAME INFLUENCE OF DEER ON VEGETATION	
ECOLOGY OF BARN OWLS ANALYSIS OF A LAKE CAPP POPULATION	
ETE AND PARTIAL DIALLELS FOR ORCHARD GRASS GENETICS AND	
AGE VARIATION IN GENETIC CONTROL OF GROWTH RESEARCH AND	
FORAGE LEGUMES SOYBEAN BREEDING & CULTURE PLANT	
ELEMENT, THAILAND, KASERTSART UNIVERSITY, BANGKOK PLANT	
ASK FORCE ON SPATIAL HETEROGENEITY IN AGRICULTURE PLANT	
Y SYSTEMS DREDGING SUNNY POINT MARINE ORDINANCE TERMINAL	
GY CIRCULATION OF N.H. COASTAL WATERS THERMAL POLLUTION	
EFFECTS ON BENTHOS OF HUDSON RIVER EFFECTS OF OIL FIELD	
TE TREATMENT NITRIFICATION ALGAL ASSAY FISH BIOASSAY	
GENERAL PEST MANAGEMENT EVAL LARVICIDAL	
FUNCTIONAL AVIAN ANATOMY PARTICULARLY FEATHER STRUCTURE	
D NATIONAL PARK PANAMA WILDLIFE SURVEY ANPGADA ISLAND	
ALL CONSULTANT SERVICES HAVE BEEN WITHOUT REMUNERATION	
SULTANT ENVIRONMENTAL ADVISOR ECOLOGICAL IMPLICATION OF	
RSITY OF CONNECTICUT RESEARCH COLLABORATOR JES HUBBARD	
NCE IN FISH REPTILES AND AMPHIBIA ANOXIA AND NA LOSS IN	
VTAL PLAN TRINITY RIVER BASIN TEXAS ENVIRONMENTAL IMPACT	
DUCTION FORAGES PATEN BY DEER IN THE SOUTHEAST SIMULATED	
T PLANTS ARCTIC-ALPINE AND COASTAL TAXONOMY OF TOLSTOCHA	
ANICS OF ANADROMOUS ALGIVES ENVIRONMENTAL ASSESSMENT OF	
NOVA & ECOLOGY	
PANAMA CANAL REGION ECOLOGY TAXONOMY AND MORPHOLOGY OF	
LOGY OF BRYOZOA COLONY GROWTH OF COMMON PODDLING BRYOZOAN	
GROWTH OF COMMON FOULING BRYOZOAN BRYOZOA OF NEW ENGLAND	
ND MORPHOLOGY OF BRYOZOA COLONY GROWTH OF COMMON FOULING	
ITS FOOD PROCESS ENGINEERING OIL SPILL SOURCE DETECTION	
CAL AND PHYSICAL EUTROPHICATION PREDICTION STREAM ENERGY	
PINE SITE PRODUCTIVITY - SOIL FACTORS WATERSHED NUTRIENT	
OHIBIC PROCESSES CHEMICAL OCEANOGRAPHY CARBON SUITZER	
HYDROLOGIC INTERACTIONS IN FORESTED WATERSHEDS NUTRIENT	
GAMMA-RAY RESPONSE OF SEEDS PLANTS X RAYS ON BOSTON IVY	
N ORNITHOLOGY APPRAISAL OF A SUMMER CAMP LAKE ERIC REAR	
AGEMENT; COASTAL STABILIZATION; LAND RECLAMATION; MARSH	
ED POALES SPECIALIZED EN/ENVIRONMENTAL COATINGS FOR SHIPS	
IA SYSTEMATICS OF CYPRACEAE SYSTEMATIC LEAF ANATOMY OF	
ECOLOGY AND PHYSICAL OCEANOGRAPHY ANALYSIS ENVIRONMENTAL	
IFS SURVEY PUBLIC FISHING LAKE FERTILIZATION SURVEY LAKE	
WHEAT USING SCHOOL ENVIRONMENTS PCR TEACHING EXPERIENCES	
- CLAMPED FISHERIES- SUSQUEHANNA RIVER EUTROPHICATION OF	
OF DAPHNIA ON ALGAE OF DIFFERENT SIZES UNPATABILITY OF	
SCRYPHALID GROWTH SIMULATION OF INHIBITION BY METABOLIC	
FORMATION OF STRIPED BASS OOL. EFFECTS OF ENLARGEMENT OF	
CAL SPERM ATRES ON DELAWARE ESTUARY ECOLOGICAL SURVEY OF	
E - FISH BIOLOGICAL EVALUATION OF HIDENING AND DEEPENING	
AN PRODUCTION - ANAEROBIC DIGESTION EFFECTS OF PH INORG	
VITON MAP SUCCESSION OF ALGAE IN A TRANSECT BODEGA BAY	
METALS OIL OIL INSECTICIDES SYNDETS TO MARINE LIFE	
BOOK-"CHEMISTRY OF FUNGICIDAL ACTION" BIOLOGY OF	
BOOKS AND MAPS U.S. AND LATIN AMERICA TREE IDENT	
BORPENTOWN NJ NJ MARINE ECOLOGICAL STUDY NPAR L	
BORING AND FOULING MOLLUSKS CINEMATOGRAPHIC STUD	
BORING ORGANISMS LARVAL BIOLOGY OF BORING AND	
BORNE DISEASES	
BORON REQUIREMENT AND METABOLISM OF PLANTS	
BOSTON HARBOR WATER POLLUTION ABATEMENT AND PLA	
BOSTON HARBOR SEDIMENTS TRANSPORT AND ALTERATIO	
BOSTON IVY BUDS IONIZING RADIATIONS AND RADIONU	
BOT. RESOURCE RECYCLING CONVERSION OF W	
BOTANICAL GARDEN GRAZING PRESSURE EFFECTS ON PL	
BOTANY - BOTH PHYCOLOGY & MYCOLOGY NANNOPLANKTON	
POTANY ECOLOGY FOREST VEGETATION MAP SUCCESSION	
BOTRYTIS DISEASES OF STRAWBERRY & THEIR CONTROL	
BOTRYTIS PHYSIOLOGY & DISEASES MYCOECOLOGY OF SE	
BOTTLE STUDIES AT BODEGA HEAD CALIFORNIA PHYSI	
BOTTOM WATER CURRENTS IN N.Y. BIGHT MARINE PHYT	
BOTTOMS EFFECT OF DREDGING ON OYSTER BEDS UNDER	
BOUNDARY LAYER MEASUREMENT OF ATMOSPHERIC TURBUL	
ER. BACT & CHEM STUDY OF THE ROCK CREEK WATERSHE	
BRACKISH AND FRESH WATER HABITATS FOR PEOPLE	
BRACKISH LAKE BLUE GREEN ALGAE AND EUTROP	
BRACKISH PONDS RECEIVING SEWAGE DISSOLVED ORGANI	
BRAIN COMPARATIVE NEUROANATOMY OF	
BRAIN STIMULATION IN TOADPISH SARGASSUM COMMUNI	
EPANACLE - CEMENT GLANDS - ATTACHMENT MECHANISM	
BRANCH CHIEF CROSS-FLORIDA BARGE CANAL INVESTIGA	
BREACKABEEN-BLENHEIM PUMPED STORAGE FACILITY RE	
BREACKWATER COLLISION DESIGN OF SEWAGE TREATMENT	
BREAST TUMORS EXPERIMENTAL RADIATION AND CHEMIC	
BREAST TUMORS IN VITRO INDUCTION OF BREAST TUMOR	
BREAST TUMORS RADIATION DOSE RESPONSE FOR RAT BR	
BREEDER GRAIN LEGUMES CONSULTANT ON UNIVERSITY D	
BREEDING & CULTURE PLANT BREEDING PSEUDO	
BREEDING AGRICULTURAL PRODUCTIVITY OF SUBARCTIC	
BREEDING BEHAVIOR OF MALE WOODCOCK PCOLOGY OF RU	
BREEDING ECOLOGY OF RAPTOR POPULATIONS IN UTAH	
BREEDING OF FORAGE CROPS AND OTHER SPECIES COMPL	
BREEDING PROGRAM FOR DOUGLAS FIR POPULATION GEN	
BREEDING PSEUDO-SELF-COMPATIBILITY OF RED CLOVER	
BREEDING TEMPORARY SCIENTIST INTERNATIONAL INSTI	
BREEDING RESEARCH EVALUATION AND MANAGEMENT OF	
BRIDGE-TUNNEL CROSSING HAMPTON ROADS DREDGE AND	
BRIDGEPORT HARBOR CONNECTICUT OLD OIL SPILL EFF	
BRINE ON TEXAS ESTUARIES ESTUARINE ECOSYSTEMS B	
BRINE WASTES EVALUATION OF EFFECT OF 46 DYES ON	
BRUNETTES FOR CONT. MOSQUITOES	
BRITISH OF BIRDS INTGUMENT OF BIRDS AVIAN ANAT	
BRITISH VIRGIN ISLANDS ECOLOGY AND CONSERVATION	
BROAD NATURAL HISTORY ESPECIALLY BIRD MAMMAL &	
BROAD SPECTRUM PESTICIDES AND/OR THE SOCIO-ECOL	
BROOK SOIL PHYSICS AND PLANT PHYSIOLOGY RESEARC	
BROOK TROUT AT LOW PH SALT GLAND OF SEA SNAKES I	
BROOKHAVEN LANDFILLS NEW YORK ENVIRONMENTAL IMP	
BROWSING BY CLIPPING THE EFFECTS OF HABITAT CHA	
BRUNSWICK SNOWCOVER ECOLOGY OF DIAPENSIA ABLES P	
BRUNSWICK BEACHES ENV. ASS. OF CHARITREE CREEK FL	
BRYOLOGY LICHENOLOGY MOSS CYTOLOGY SPHAGNUM TAXO	
BRYOZOA COLONY GROWTH OF COMMON FOULING BRYOZOAN	
BRYOZOA OF NEW ENGLAND BRYOZOA OF PANAMA CANAL R	
BRYOZOA OF PANAMA CANAL REGION ECOLOGY TAXONOM	
BRYOZOAN BRYOZOA OF NEW ENGLAND BRYOZOA OF PANAM	
EURELE INDUCED UPWELLING OF SEA WATER SPREADING	
BUDGETS MATHEMATICAL ANALYSIS OF AQUATIC SYSTEM	
BUDGETS - CENTRAL ROCKY MOUNTAINS FOREST RESOUR	
BUDGETS DISSOLVED GASES TRACE METALS PLANKTON DE	
BUDGETS FOR CAYOGA AND SENECA LAKES ECOSYSTEM AN	
BUDS IONIZING RADIATIONS AND RADIOUCLIDES IN T	
BUFFALO NY PARK LAND ACQUISITION PINGER LAKES ST	
BUILDING STABILIZATION AND PRODUCTIVE USE OF DRP	
BUILDINGS METALS ETC. FOR UNDER AND ABOVE WATER	
BULRUSHES SCANNING ELECTRON MICROSCOPY OF ACHENE	
ROCK DATA ANALYSIS LIGHTSHIP DATA AND WEATHER E.	
BURKE CENSUS SURVEY AQUATIC ECOLOGY WITH EMPHAS	
BURNING TO PROMOTE PRAIRIE PLANT SPECIES PLANTIN	
BUSH RIVER GREAT AMERICA PROJECT AQUATIC BIOLOG	
BUTTERFLIES TO BIRDS USE OF A COULTER COUNTER I	
BY PRODUCTS IMMUNOELECTROPHORESIS RESISTANT CAN	
C & D CANAL ANALYSIS OF ENVIRONMENTAL EFFECTS O	
C & D CANAL LONG-TERM EFFECTS OF CORTICOSTEROIDS	
C & O CANAL - FISH EVALUATION OF TERTIOPHY MTH	
C AND O-PO BIOLOGICAL ADVISOR MICROBIOLOGY-PHYS	
CA. MARINE BOTANY ECOLOGY FOREST VEGET	
CADMIUM POISONING IN MARINE ORGANISMS TOXICOLOGY	

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

NE ORGANISMS PHYSIOLOGICAL RESPONSE OF ESQUAPEINNE CRAB TO	CADMIUM TOXIC EFFECTS OF HEAVY METALS TO OYSTERS	10
PERMUTATION ENDOSYMBIOSIS AND OTHER PHYTOPLANKTON SURVEY OF	CALDER LAKE BIOLOGICAL NUTRITIONAL FRAGMENTATION	190
ENDOCRINOLOGY OF FISHES TROUTS OF UPPER KEEN RIVER BASIN	CALIFORNIA FISH PHYSIOLOGY AND SYSTEMATICS CON	620
CRABS ON L. LITTOREA DRIFT BOTTLE STUDIES AT BODEGA HEAD	CALIFORNIA PHYSIOLOGICAL ECOLOGY OF FISHES OF A	620
MINERIALIZED HYDROCARBONS IN MARINE ECOSYSTEM DDT RECORDS IN	CALIFORNIA CURRENT	620
IES EFFECT OF MIREX ON EARLY OLD-FIELD SUCCESSION VERNAL	CAMELID ACTIVITY IN FOREST TREES ANALYSIS OF PH	110
ATIONS CONTROL OF CELL PROLIFERATION IN MAMMALIAN CELLS	CAME AND SECRETION DNA SYNTHESIS IN PAROTID AUTO	400
ECOLOGY WITH ACCENT IN ORNITHOLOGY APPRAISAL OF A SUMMER	CAMP LAKE ERIE NEAR BUFFALO NY PARK LAND ACRES	400
RESOURCES USES OF NON-FARMED RURAL LAND CAMPGROUNDS AND	CAMPERS IN NEW YORK MARINAS IN NEW YORK STATE	705
SOIL AND WATERSHED SOIL EVALUATION - WASTE DISPOSAL FOR	CAMPGROUND SOIL DAMAGE ON LOGGED AREAS OF NEW YO	157
USES OF NATURAL RESOURCES USES OF NON-FARMED RURAL LAND	CAMPGRUNDS AND CAMPERS IN NEW YORK MARINAS IN N	705
PLANNING TO ECOLOGY PLANNING A RESORT DEVELOPMENT PLANNING A	CAMPSITE LAND PLANNING PERTAIN	120
ODIES OF BIRD DEPREDACTIONS STUDIES OF POPULATION ECOLOGY	CANADA GREASE WILDLIFE ECOLOGY; WILDLIFE MANAGEM	130
ESTABLISHMENT TECHNIQUES MANUAL ATLANTIC FLYWAY COUNCIL	CANADA GOOSE ESTABLISHMENT ORNITHOLOGY & PLANT	223
ION OF STRIPED BASS POP. EFFECTS OF ENLARGEMENT OF C & D	CANAL ANALYSIS OF ENVIRONMENTAL EFFECTS ON ORNA	100
SH BIOLOGICAL EVALUATION OF WIDENING AND DEEPENING C & D	CANAL - FISH EVALUATION OF SEX BIAS METHOD	20
NG SAMPLING INSTRUMENTATION ADMINISTRATION ROLE OF SURVEY	CANAL AS PATHWAY FOR DISEASES BETWEEN FRESH SEA A	220
ON OF FISHERY RESEARCH BRANCH CHIEF CROSS-FLORIDA BARGE	CANAL INVESTIGATION FISHERY RESEARCH TOXICOLOG	749
ORM AGNES ON DELAWARE ESTUARY ECOLOGICAL SURVEY OF C & D	CANAL LONG-TERM EFFECTS OF CORTICOSTEROIDS ADMIN	717
CULING BRYOZOAN BRYOZOA OF NEW ENGLAND BRYOZOA OF PANAMA	CANAL REGION ECOLOGY TAXONOMY AND MORPHOLOGY O	74
OF TROPICAL MARINE ANIMALS EFFECTS OF A PANAMA SEA-LEVEL	CANAL STARFISH PREDATION AND ITS EFFECT ON CORAL	507
EST FOR HEPATITIS ASSOCIATED ANTIGEN ROLE OF HORMONES IN	CANCER ENZYMES IN ACTIVATED SLUDGE	478
IALS DETERIORATION PREVENTION INFORMATION SYSTEMS DESIGN	CANCER RES. REPTS. INFORMATION SYSTEMS DESIGN	774
OUSE SKIN ORGANIC SYNTHESIS AND BIOCHEMISTRY APPLIED TO	CANCER RESEARCH INHIBITION OF TWO-STAGE CARCINO	632
Y METABOLIC BY-PRODUCTS IMMUNOELECTROPHORESIS RESISTANT	CANDIDA ALBICANS ULTRACENTRIFUGATION YEAST CELLS	605
TRONMENTAL STRESS VETERINARY SCIENCE AND ECOLOGY DEGREE	CANDIDATE ENVIRONMENTAL IMPACT STATEMENT PREPARA	750
SPECIES SILVICULTURE OF HARDWOOD AND MIXED STANDS ANNUAL	CANKER OF MAPLE APPLICATION OF ECOLOGY TO POPES	756
ATERPOWL AND WETLAND ECOLOGY LEAD POISONING IN WATERFOWL	CANVASBACK DUCK LOUISIANA WETLANDS	17
BROWS AVIAN ECOLOGY AND BEHAVIOR COMPARATIVE STUDIES OF	CANYON AND ROCK WRENS BEHAVIOR SYMPATRIC ARIZON	730
E COMMUNITY ECOLOGY IN THE DEEP SEA ECOLOGY OF SUBMARINE	CANYONS ANIMAL SEDIMENTS RELATIONSHIPS IN DEEP S	599
ATIONS AND COMMUNITY SUCCESSION SMITH ISLAND A RESOURCE	CAPABILITY STUDY COMMUNITY SUCCESSION ON DREDGE	534
ENTAL INVENTORIES BIRDS OF ATLANTIC SEABOARD HATTERAS TO	CAPE COD AVIAN FLIGHT FORMATIONS AVIAN FLOCKING	670
EDGING AND DREDGE SPOIL DISPOSAL MARINE BENTHIC ECOLOGY	CAPE COD BAY ECOSYSTEM QUANTITATIVE ANALYSIS PPT	107
AND INSULAR TERRESTRIAL VERTEBRATES BIOGEOGRAPHY OF THE	CAPE COD REGION MASS. BIOGEOGRAPHY OF THE OUTER	418
ENTS NUTRIENT STUDIES ON CORAL REEFS MARINE MAMMALS FROM	CAPE COD TO CAPE HATTERAS AQUATIC CHEMISTRY NUT	551
-14 BENTHIC ECOLOGY-FOOD CHAIN DYNAMICS MACROBENTHOS OF	CAPE FEAR RIVER ESTUARY FOOD CHAIN DYNAMICS STU	723
I STUDIES ON CORAL REEFS MARINE MAMMALS FROM CAPE COD TO	CAPE HATTERAS AQUATIC CHEMISTRY NUTRIENTS CARB	551
HISTORY STUDY OF RARE AND ENDANGERED ANIMALS ECOSURVEY OF	CAPE VINCENT NEW YORK ECOLOGICAL SURVEY OF DEER	540
DLIFE SABINE RIVER DIVERSION PROJECT LOUISIANA VIRGINIA	CAPIES ARTIFICIAL REEFS GREAT LAKES WATER LEVELS	625
MEDICAL CARE AND MANAGEMENT OF	CAPTIVE EXOTIC ANIMALS	160
CAPE COD TO CAPE HATTERAS AQUATIC CHEMISTRY NUTRIENTS	CARBON DIOXIDE SYSTEM DIFFUSION FROM SEDIMENTS	500
IC COASTAL ATMOSPHERIC PROCESSES CHEMICAL OCEANOGRAPHY	CARBON SULFUR BUDGETS DISSOLVED GASES TRACE META	4
STUARY FOOD CHAIN DYNAMICS STUDIES - AQUACULTURE SYSTEMS	CARBON-14 BENTHIC ECOLOGY-FOOD CHAIN DYNAMICS M	720
AS SEDIMENTOLOGY AND PALEOECOLOGY OF MODERN AND ANCIENT	CARBONATE SEDIMENTS PALEOLOGY OF TICHENOP LIMES	90
ERAL-ALGAL COLONIES BAHAMAS SEDIMENTOLOGY-ECOLOGY MODERN	CARBONATES BAHAMAS SEDIMENTOLOGY AND PALEO	90
R RAT BREAST TUMORS EXPERIMENTAL RADIATION AND CHEMICAL	CARCINOGENESIS CHEMICAL AND RADIATION RAT BREAST	638
ISTRY APPLIED TO CANCER RESEARCH INHIBITION OF TWO-STAGE	CARCINOGENESIS IN MOUSE SKIN EFFECT OF CARCINO	632
OPIC ANALYSIS OF INSECTICIDES' EFFECTS IN TELEOST FISHES	CARCINOGENESIS IN CHRONIC EXPOSURE TO DDT BEHAVI	766
TON OF TWO-STAGE CARCINOGENESIS IN MOUSE SKIN EFFECT OF	CARCINOGENS ON MOUSE SKIN CHROMATIN TUMOR PROMOT	632
TENANCE DREDGING-MOTSU ENVIRONMENTAL ASSESSMENT - LAZ.	CARD. MICH. MEX. NATURAL RESOURCE MANAGEMENT	211
OLOGY PHYSIOLOGIST - EFFECT OF SMOKE ON CELL POTENTIALS	CARDIAC ELECTROPHYSIOLOGY; REPRODUCTIVE ENDOCRIN	411
LATED ADOLESCENTS SYSTEM ANALYSIS OF INDIVIDUAL PATIENT	CARE INTERACTIONAL PROPERTIES OF INDIVIDUALS TO	120
SIDE REST AREA EVALUATION HELICOPTER DELIVERY OF MEDICAL	CARE URBAN SYSTEMS ENGINEERING AND PLANNING SO	512
MEDICAL	CARE AND MANAGEMENT OF CAPTIVE EXOTIC ANIMALS	189
MARINE AND FRESH WATER FISHES MARINE	CAREERS OCEAN SCIENCE WORKSHOP MARINE PRODUCTS	249
ONMENTAL NEUROBIOLOGY SUCCESSION SHALLOW COASTAL WATERS	CARIBBEAN SOCIAL BIOLOGY ECOLOGY OF HOMICIDE AN	770
L CANAL STARFISH PREDATION AND ITS EFFECT ON CORAL REEFS	CARIBBEAN CORAL REEF STRUCTURE AND DIVERSITY RI	537
LY RARE AND ENDANGERED SPECIES AND IN LATIN AMERICA AND	CARIBBEAN ECOLOGICAL SURVEY VOLCANO BARU PROPOSE	408
AFRICA	CARIBCU POPULATION ECOLOGY OF THE ZEBRA IN EAST	653
VERTEBRATE ECOLOGY ECOLOGY OF	CAROLINA ESTUARINE ECOLOGY ESPECIALLY IN RELAT	93
ELEOST ECOLOGY OF INTRACOASTAL WATERWAY BEAUFORT NORTH	CAROLINA SALT MARSHES SAND DUNES SOUTHWEST FL	687
R RIVER ESTUARY ENVIRONMENTAL IMPACT STUDIES I-IV SOUTH	CAROLINA TAXONOMIC AND MORPHOLOGICAL KNOWLEDGE	519
RISTIC SURVEY OF MOREHEAD CITY FORT MACON JETTYS NORTH	CAROLINA BARRIER ISLANDS SECONDARY PRODUCTIVITY	521
INE AND COASTAL ECOSYSTEMS ECOLOGICAL STABILITY OF NORTH	CAROLINA PHYTOPLANKTON OF DELAWARE RIVER BASIN P	627
TEMATICS OF FRESH WATER ALGAE FRESH WATER ALGAE IN NORTH	CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	208
RTILIZATION COOPERATIVE THIRD ANNUAL REPORT OF THE NORTH	CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	208
REST FERTILIZATION COOPERATIVE THIRD ANNUAL REPORT OF THE	CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	293
SOILS AND FERTILIZATION FIRST ANNUAL REPORT OF THE NORTH	CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	293
TILIZATION COOPERATIVE SECOND ANNUAL REPORT OF THE NORTH	CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	614
RTILIZATION AND WEIGHT QUALITY FIRST ANNUAL REPORT NORTH	CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	606
EST FERTILIZATION COOPERATIVE SECOND ANNUAL REPORT NORTH	CAROLINA THE ISOLATED FORMS OF RACCOONS' ECOLOGY	418
COD REGION MASS. BIOGEOGRAPHY OF THE OUTER BANKS NORTH	CARE POPULATION BREEDING ECOLOGY OF RABBIT POPUL	660
PTORS POPULATION ECOLOGY OF BARN OWLS ANALYSIS OF A LAKE	CARRIAGE MUSEUM IMPACT STUDY LITTLE RANAWHA B.	634
SE RESTORATION & MANAGEMENT MORVEN PARK HISTORIC HOUSE &	CARRION INSECT ECOLOGY CULEX SPP. DIAPAUSE & M	372
SECT DIAPAUSE AND PHENOLOGY ESPECIALLY PARASITIC INSECTS	CARRYING CAPACITY NONGAME WILDLIFE AND FOREST MA	158
NG EFFECTS ON WILDLIFE HABITAT FOOD HABITS OF DEER-RANGE	CARRYING OUT EXTENSION PROGRAMS IN WILDLIFE AND	11
RELATED SUBJECTS	CASANOVE RECOMMENDATIONS FOR AID IN AGRICULTURE	141
CONGRESS OPTIMUM POPULATION ENVIRONMENT SITE SELECTION IN	CASSETTES	714
ERRATE ECOLOGY AND PALEOECOLOGY FEEDER RESEARCH BIRD SCAND	CAT PREDATION & POPULATION DYNAMICS WILDLIFE EC	479
ATION PHILOSOPHY AND DEVELOP. OF ENV. ECO. CENTER FEDERAL	CATALYST FOR COMMUNITY GOVERNMENT WATERSHED IMPR	483
CTOR IN LOCAL AND STATE GOVERNMENT ENVIRONMENTAL ACTION	CATAPILLARS IN NORTHERN HARDWOODS FOREST RADIATI	706
F TERRESTRIAL VERTEBRATES IN TEMPERATE FORESTS BIRDS AND	CATCH PLANKTON & BERTON SAMPLING LAMPLING INST	20
OCEAN ACRES STUDIES STUDY OF INFLUENCE OF TOWING SPEED ON	CATCH PACIFIC SALMON PASSAGE FACILITY EVALUATION	284
AND STREAMS ATLANTIC SURF CLAM - BIOLOGY AND COMMERCIAL	CATEGORIZATION	602
F DEPARTMENT OF ARMY PEST MANAGEMENT PROGRAMS PESTICIDE	CATEGORIZATION OF PESTICIDES USED BY FEDERAL AGEN	602
GENERAL AS IT RELATES TO ACTIVITY OF THE FEDERAL AGENCIES		602

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

SH GENETICS HERITABILITY OF WEIGHT AND LENGTH IN CHANNEL CATFISH ORGANIC COMPOSITION OF 22 SPECIES OF FRESHWATER FISH	413
ALLEY SUSQUEHANA RIVER PA EIS MAINTENANCE DREDGING ST. CATHERINE SD POTOHOC RIVER MD MARINE FISHERIES	574
T OF BLACK BEAR AND WHITE-TAILED DEER AND URBAN WILDLIFE CATSKILLS NEW YORK BEAR STUDY ADIRONDACKS BEAR	486
DOMESTIC ANIMALS APPL. EGG TRANSFER IN INDUCTION TWINS IN CATTLE ECOL. INFL. HEALTH REPROD. WILDLIFE IN S	614
TRIGINAMYCIN IN SWINE RESIDUES OF A METHANE INHIBITOR IN CATTLE TOXICOLOGY STUDIES ON VIRGINIAMYCIN TISS	185
IN AFFECTING SOLUTION POROSITY OF KARST AQUIFERS KARST AND CAVE HYDROLOGY AND GEOLOGY; WATER POLLUTION ESP	573
A CAVERNICOLOUS PROTOZOA REVIEW & NEW STUDIES IN MAMMOTH CAVE KY UNDERGROUND WATER PROTOZOA TEMPERATURE	256
ZOA TAXONOMY & PHYSIOLOGY OF UNDERGROUND WATER PROTOZOA CAVERNICOLOUS PROTOZOA REVIEW & NEW STUDIES IN M	256
BIAL GROWTH AND PERMENTATIONS AND PRODUCTS FORMED DENIAL CAVITIES AND PERIODONTAL DISEASES SEARCH FOR CCP	753
INTERACTIONS IN FORESTED WATERSHEDS NUTRIENT BUDGETS PCR CAYOGA AND SENECA LAKES ECOSYSTEM ANALYSIS OF A	432
CT STATEMENT - NUCLEAR POWER DIATOM COMMUNITY ANALYSES - CEDAR BOG THE DIATOM CYMEELLA CISTOLA DIATOM CO	347
RGANIA AQUATIC MICROBIAL ECOLOGY ECOSYSTEMATIC STUDY OF CEDAR BOG OHIO ENVIRONMENTAL ANALYSIS OF A WATE	654
NDUCED METAPLASIA CELLS OF MAMMALIAN OVIDUCT CELL AND TISSUE CHANGES DURING DEVELOPMENT RNA-I	259
ICULARY ALGAE MITOSIS IN A PHYCELLELATE CELL BIOLOGY OF EUKARYOTIC MICROORGANISMS - PART	331
PROTOZOA AND FUNGI CELL BIOLOGY OF MARINE COCCOID FUNGI CELL BIOLOGY OF HAPLOSPORIDANS ULTRASTRUCTURE OF	544
CONTRACTION CELL BIOLOGY OF MASSIVE PROTOZOA AND FUNGI CELL BIOLOGY OF MARINE COCCOID FUNGI CELL BIOLOG	544
SPORIDANS ULTRASTRUCTURE OF JELLYFISH MUSCLE CONTRACTION CELL BIOLOGY OF MASSIVE PROTOZOA AND FUNGI CELL	544
RUSES INHIBITOR OF RNA SYNTHESIS MAMMALIAN CELL CULTURE CELL CULTURE ASSAY OF WATER POLLUTANTS ELECTRON	219
ROSCOPY OF VIRUSES INHIBITOR OF RNA SYNTHESIS MAMMALIAN CELL CULTURE CELL CULTURE ASSAY OF WATER POLLUTA	219
ASE PHYSIOLOGICAL HEMATOLOGY - FACTORS REGULATING ELCCD CELL FORMATION HUMORAL REGULATION OF THROMBOPOE	146
DUCTIVE ENDOCRINOLOGY PHYSIOLOGIST - EFFECT OF SHOKE ON CELL POTENTIALS CARDIAC ELECTROPHYSIOLOGY; REPR	411
AUTORADIOGRAPHY TECHNIQUES AND APPLICATIONS CONTROL OF CELL FROLIFERATION IN MAMMALIAN CELLS CAMP AND S	451
AL SIGNIFICANCE OF DIATOMS ORGANIC COMPOSITION OF DIATOM CELL WALLS PALEOLITHOLOGY OF LAKE KIVU-CENTRAL A	320
& ALKALOID PRODUCTION IN GRASS ION ABSORPTION BY PLANT CELLS PLANT MINERAL NUTRITION & PLANT PHYSIOLOG	771
HEART METAPLASIA AND NUCLEAR NUCLEIC ACIDS IN MOTH OVARY CELLS SUBMICROSCOPIC DISTRIBUTION OF NUCLEIC AC	12
APPLICATIONS CONTROL OF CELL PROLIFERATION IN MAMMALIAN CELLS CAMP AND SECRETION DNA SYNTHESIS IN PAROTI	451
SIS RESISTANT CANDIDA ALBICANS ULTRACENTRIFUGATION YEAST CELLS IN GRADIENT ACRYLAMIDE GROWTH STIMULATION	605
TISSUE CHANGES DURING DEVELOPMENT RNA-INDUCED METAPLASIA CELLS OF MAMMALIAN OVIDUCT CELL AND	259
Y EFFECTS OF TRANQUILIZING DRUG ON RATS, DOGS, & HORSES CELLULAR & DEVELOPMENTAL BIOLOGY; ELECTRONMICRO	426
ND GAS PRODUCTION IN SANITARY LANDFILLS DECOMPOSITION OF CELLULAR MORPHOLOGY OF PLANTS	197
NT CELLULOSE PRODUCTION BY PLANKTONIC ALGAE AND FATE OF CELLULOSE SOLID WASTE MANAGEMENT REST AREA USAG	808
ASSOCIATE CONSULTANT OF MICROBIOLOGY RESEARCH ASSISTANT CELLULOSE IN LACUSTRINE ENVIRONMENTS POSTDOCTORA	577
F NATURAL PRODUCTS OF BIODEGRADATION SIGNIFICANCE BRANACLE CEMENT GLANDS - ATTACHMENT MECHANISM HISTOCHEMIS	577
ENSING SHALLOW MARINE COMMUNITIES DINOFLAGELLATE LUMINES CENCE ANALYSIS OF PRODUCTIVITY FRESH WATER ALSO	390
Y CLINICAL AND PATOLOGIC ANATOMY ANNUAL RAGWEED POLLEN CENSUS - 4 COMMUNITIES ABSTRACTOR HUMAN PATHOLO	296
TOTA CRANEY ISLAND ENVIRONMENTAL STUDY FAUNAL AND FLORAL CENSUS AND IMPACT RAPPAHANNOCK RIVER WETLANDS I	459
RVEY PUBLIC FISHING LAKE FERTILIZATION SURVEY LAKE BURKE CENSUS SURVEY AQUATIC ECOLOGY WITH EMPHASIS ON	569
SOLVE PROBLEMS CUPSAW LAKE FLOOD CONTROL PROJECT RARITAN CENTER DREDGING PROJECT ROUND VALLEY RESERVOIR C	66
RONMENTAL EDUCATION PHILOSOPHY AND DEVELOP. OF ENV. ECG. CENTER PERRAL CAT PREDATION & POPULATION DYNAMIC	379
ADOLESCENT PRIMARY BEHAVIOR DISORDERS WORKSHOP COMMUNITY CENTER FOR UNMOTIVATED ADOLESCENTS SYSTEM ANALYS	120
T QUARANTINE ACTIVITIES CONSULTANT - USE OF PESTICIDES - CENTRAL AMERICA - GUATEMALA PESTICIDE CONSULTANT	563
DES - CENTRAL AMERICA - GUATEMALA PESTICIDE CONSULTANT - CENTRAL AMERICA - PANAMA & MEXICO INSECT PEST C	563
N PLANTS- ECOLOGICAL SIGNIFICANCE DYNAMICS OF FORESTS IN CENTRAL ILLINOIS PLANT COMMUNITY DYNAMICS INCLU	250
PRODUCTIVITY - SOIL FACTORS WATERSHED NUTRIENT BUDGETS - CENTRAL ROCKY MOUNTAINS FOREST RESOURCES SCIENC	571
IR BACTERIAL DISEASES OF WATER MILFOIL DENSITY-GRADIENT CENTRIFUGATION OF SUSPENDED AND COLLOIDAL PARTI	409
ISH PARASITES AND THEIR HOSTS BACTERIOLOGICAL TESTING OF CENTRIFUGED APPLE JUICE SYSTEMATICS AND ECOLOGY	325
SYLVANIA STREAM INDOLE ALKALOID BIOSYNTHESIS PIGMENTS OF CENTRISPERMAE PLANTS NATURAL PRODUCTS PHYTOCHE	417
TOXINS OF MARINE INVERTEBRATES PARTICULARLY CEPHALOPODS AND GASTROPOD MOLLUSCS	671
RMED DENTAL CAVITIES AND PERIODONTAL DISEASES SEARCH FOR CEPHALOSPORIN AMIDASE ENZYME ANTIBIOTICS MICROB	753
ANATOMY OF MAMMALIAN NERVOUS SYSTEM COMPARATIVE ANATOMY OF CETACEAN BRAIN COMPARATIVE NEURO	360
INSECTS EFFECTS ATMOSPHERIC LEAD POLLUTION ON INSECT FOOD CHAIN ECOLOGY OF	254
ES - AQUACULTURE SYSTEMS CARBON-14 BENTHIC ECOLOGY-FOOD CHAIN DYNAMICS MACROBENTHOS OF CAPE FEAR RIVER E	720
IN DYNAMICS MACROBENTHOS OF CAPE FEAR RIVER ESTUARY FOOD CHAIN DYNAMICS STUDIES - AQUACULTURE SYSTEMS CAR	720
NITHOLOGY TWO MATHEMATICAL MODELS OF PLANKTON-ALGAE FOOD CHAIN WATER QUALITY CRITERIA LAKE RESTORATION	75
ION OF NUTRIENTS ALGAE AND ZOOPLANKTON IN AQUATIC FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON ALGAL POPULA	558
PARTICULARLY SOCIAL BEHAVIOR SOCIAL BEHAVIOR OF AMERICAN CHAMELEON ENDOCRINOLOGY OF COLOR CHANGE IN CROTA	148
S GENERAL LINNOLGY LINOLOGICAL SURVEY OF A BAY ON LAKE CHAMPLAIN BIOASSAYS ON AQUATIC INVERTEBRATES U	279
HODS FISH GENETICS HERITABILITY OF WEIGHT AND LENGTH IN CHANNEL CATFISH ORGANIC COMPOSITION OF 22 SPECTE	574
TENS GREATEST COMPETENCE IN CYPRESS-GUM SWAMP EFFECTS OF CHANNELIZATION ON FISH POPULATIONS THE RELATIONS	713
DIR FISHERY MANAGEMENT ECOLOGY AND LIMNOLOGY EFFECT OF CHANNELIZATION ON FISHES AND THEIR HABITAT OYSTE	441
OTROPHICATION WATER QUALITY AND WATER SUPPLY PROTECTION CHARACTER OF NATURAL WATERS & POLLUTANTS WATER Q	393
ING SOIL-WATER RELATIONSHIPS AUTOMATIC DATA PROCESSING CHARACTERIZATION OF SOIL RESOURCES APPLICATIONS	546
WASTES ON THE PHYSICAL AND CHEMICAL PROPERTIES OF SOILS CHARACTERIZATION STUDY OF RHODE ISLAND SOILS MIN	803
HARDWATER LAKE ENVIRONMENTAL IMPACT OF ROWLESBURG DAM ON CHEAT RIVER POPULATION STUDY OF FRESHWATER SNAIL	673
SYSTEMATIC HERPETOLOGY VARIATION IN SNAPPING TURTLES CHELYDRA SP	217
OGY STUDY OF UNIVERSITY OF MD SECTOR OF PAINT BR. BACT & CREM STUDY OF THE ROCK CREEK WATERSHED ENVIR. P	688
OF NATURAL AND POLLUTED WATERS. WATER PROCESSING SURVEY CREM. ASPECTS OF WATER QUALITY IN SE VIRGINIA JA	332
ON AND WATER UTILIZATION OF DRASTICALLY DISTURBED AREAS CHEM. PHYS. BIOL. CHANGES IN A RESERVOIR AFTER R	529
AGEMENT PLAN ENVIRONMENTAL ENGINEERING IMPACT ANALYSIS CHEMICAL AND PHYSICAL PROCESSES ARTIC OIL EXPLOR	776
MORS EXPERIMENTAL RADIATION AND CHEMICAL CARCINOGENESIS CHEMICAL AND RADIATION RAT BREAST TUMORS IN VITR	638
ION INDUSTRIAL RELATIONS ANALYSIS OF POLLUTANTS & OTHER CHEMICAL APPLICATIONS ENVIRONMENTAL EDUCAT	515
DAMAGE INDUCED GROWTH - RADIATION CHEMICAL MECHANICAL CHEMICAL AREINOGENESIS MECHANISMS CONTROLLING O	20
CYTOCHEMISTRY OF CHROMOSOMAL ACTIVITY; CHEMICAL ASPECTS OF DEVELOPMENT	601
SPONSE FOR RAT BREAST TUMORS EXPERIMENTAL RADIATION AND CHEMICAL CARCINOGENESIS CHEMICAL AND RADIATION R	638
COMPRESSIBILITY OF SEAWATER TRACE METAL BASELINE STUDIES CHEMICAL EFFECT OF AIRBORNE PARTICULATES ON SEAW	429
ULATES ON SEAWATER FLUX OF METALS THROUGH ENVIRONMENT - CHEMICAL EFFECTS ISOTHERMAL COMPRESSIBILITY OF S	429
TIC ECOSYSTEMS THERMAL EFFECTS ATLANTIC COASTAL ESTUARY CHEMICAL EFFLUENTS GULF OF MEXICO-BRAZOS RIVER	98
RELATIVE TO INDUSTRIAL PROCESSES PULP AND PAPER INDUSTRY CHEMICAL ENVIRONMENTAL PROBLEMS MARKETING OF BIO	731
OLWORM PROGRAM HOST-PLANT INSECT CO-EVOLUTION BASED ON CHEMICAL INTERACTIONS HOST PLANT INSECT COEVOLUT	208
TRON ACTIVATION ANALYSIS OF LAKE SEDIMENTS BIOLOGICAL & CHEMICAL INTERACTIONS IN FRESH ESTUARINE & COAS	812
DELETERIOUS EFFECTS OF IONIZING RADIATION ON PLANTS AND CHEMICAL MUTAGENS EFFECTS OF IONIZING RADIATION	676
MARINE RADIOECOLOGY AND CHEMICAL OCEANOGRAPHY	232
ING DREDGING MID-ATLANTIC COASTAL ATMOSPHERIC PROCESSES CHEMICAL OCEANOGRAPHY CARBON SULFUR BUDGETS DIS	3

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ON THE LAND SOILS FOR WASTEWATER DISPOSAL PHYSICAL AND	CHEMICAL PHENOMENA IN SOILS WASTEWATER DISPOSAL	383
IVITY IN FOREST TREES ANALYSIS OF PHYTOTOXIC EFFECTS OF	CHEMICAL POLLUTANTS ESPECIALLY PESTICIDES EPPEC	114
MICALS BEHAVIORAL AND ECOLOGICAL ASPECTS OF THERMAL AND	CHEMICAL POLLUTION TEMPERATURE PREFERENCES AND A	476
EFFECT OF INDUSTRIAL ORGANIC WASTES ON THE PHYSICAL AND	CHEMICAL PROPERTIES OF SOILS CHARACTERIZATION ST	803
PHYRINIC STRUCTURES BIOPHYSICAL CHEMISTRY PARTICULARLY	CHEMICAL REACTIVITY (GENERAL) AND PORPHYRINS (SP	5
TORY ECOLOGY OF BIRDS AND MAMMALS AND WILDLIFE DISEASES	CHEMICAL RESIDUES IN LIVESTOCK NATIVE RODENTS IN	99
F FORESTS ON ENVIRONMENT MICROCLIMATE AND WATER SUPPLY	CHEMICAL TEMPERATURE INTEGRATION MICROCLIMATE MO	421
ARGE UPON AQUATIC LIFE BIOASSAY AND IN STREAM EFFECTS OF	CHEMICAL WASTES EFFECTS OF INDUSTRIAL DISCHARGE	8
F OIL-BALLAST WATER WATER POLLUTION CONTROL - PHYSICAL	CHEMICAL AND BIOLOGICAL AND AQUATIC ECOLOGY AT	85
INDUCED LIVER GROWTH DAMAGE INDUCED GROWTH - RADATION	CHEMICAL MECHANICAL CHEMICAL AREINOGENESIS MEC	20
ENT RESEARCH STUDY PROPOSAL CHLORINATION STUDY PROPOSAL	CHEMICAL-PHYSICAL ASPECTS OF AQUATIC SYSTEMS AND	117
PHYSICAL-CHEMICAL WEATHERING IN ANTARCTICA ANALYSIS OF	CHEMICAL-PHYSICAL WEATHERING SYSTEMS IN COLD CLI	51
PHYSICAL PROPERTIES OF GREEN PLANTS. THERMAL EFFECTS ON	CHEMICAL/PHYSICAL PROPERTIES OF ANNUAL PLANT PIB	160
MEMBERS THE INFLUENCE OF THE PHYSICAL ENVIRONMENT ON THE	CHEMICAL/PHYSICAL PROPERTIES OF GREEN PLANTS. TH	160
AND AVOIDANCES OF FISHES RESPONSES OF FISHES TO ORGANIC	CHEMICALS BEHAVIORAL AND ECOLOGICAL ASPECTS OF	476
HERBICIDES IN SOIL PLANT CROPS RESEARCH OF AGRICULTURAL	CHEMICALS AND IMPACT ON ENVIRONMENT USE OF CHEMI	68
AND PLANNING THALLIUM POLLUTION HAZARDOUS SPILLS OF TOXIC	CHEMICALS ENVIRONMENTAL IMPACT OF DREDGE DISPOSA	447
OF SEVIN 4 OIL IN FOREST SYSTEM ANALYSIS OF AGRICULTURAL	CHEMICALS IN CROPS ENVIRONMENTAL IMPACT OF PEST	786
ON HARBOR SEDIMENTS TRANSPORT AND ALTERATION OF ORGANIC	CHEMICALS IN MARINE ENVIRONMENTS GC-MS ANALYSIS	636
AGRICULTURAL CHEMICALS AND IMPACT ON ENVIRONMENT USE OF	CHEMICALS ON RANGELAND ALGAE CONTROL IN LAKES AN	68
AL AND PHYSIOLOGICAL EFFECTS OF PERSISTENT ENVIRONMENTAL	CHEMICALS ORGANOCHLORINES AND AVIAN REPRODUCTION	541
VISORY COMMITTEE EVALUATION OF ENVIRONMENTAL EFFECTS OF	CHEMICALS PRESENT STAFF SCIENCE ADVISOR HAZARDOU	452
MENT GENETICS; CYTOGENETICAL EFFECTS OF HERBICIDES AND	CHEMICALS TERATOGENIC EFFECTS OF 2 4 5-T IN GERB	450
EFFECT ON THE ENVIRONMENT THE APPLICATION OF AGRICULTURAL	CHEMICALS I.E. THE USE OF PESTICIDES AND FERTIL	401
ATIONAL INFORMATION AND STATISTICS DEMOGRAPHIC STUDIES OF	CHEMIST BIOCHEMISTRY AND OCEANOGRAPHY DIGITAL C	425
REACTION OF INORGANIC PHOSPHATE AND SEA WATER ATMOSPHERIC	CHEMISTRY	724
LOGY INVESTIGATIONS OF FRESHWATER MICROCLEAR BIOLOGY AND	CHEMISTRY MARINE AND ATMOSPHERIC CHEMISTRY INTE	460
IDENTIFICATION LONG TERM RESEARCH ON LARVAL FISH WATER	CHEMISTRY MICROBIAL (ALGAL BACTERIAL FUNGAL	532
MEDICINAL CHEMISTRY	CHEMISTRY THE STUDY OF FRESHWATER LARVAL FISHES	668
DINGS METALS ETC. FOR UNDER AND ABOVE WATER SPECIALIZED	CHEMISTRY & BIOCHEMISTRY OF INSECT HORMONES	57
INTERNAL NUTRITION AND ANIMAL HEALTH SOIL FERTILITY SOIL	CHEMISTRY - VITAMIN STUDY SOFT DRINK ADDITIVES S	479
SUMMIT & PAXSON LAKES LIMNOLOGY WATER POLLUTION BIOLOGY	CHEMISTRY AND CLAY MINERALOGY MINE SPOIL POTENTI	649
MONES MEDICINAL	CHEMISTRY BENTHIC FAUNA FISHES LIMNOLOGY OF TWO	518
Y AND OIL POLLUTION PROBLEMS INFOT-PATE EFFECT ORGANIC	CHEMISTRY CHEMISTRY & BIOCHEMISTRY OF INSECT HOR	57
IN SE VIRGINIA JAMES ESTUARY BENTHOS; SEDIMENT SIZE AND	CHEMISTRY IN MARINE ENVIRONMENT ASSESSMENT PROBL	213
SEA WATER ATMOSPHERIC CHEMISTRY MARINE AND ATMOSPHERIC	CHEMISTRY INFLUENCES THEREON NUTRIENT TRANSPORT	332
S MARINE MAMMALS FROM CAPE COD TO CAPE HATTERAS AQUATIC	CHEMISTRY INTERACTION OF INORGANIC PHOSPHATE AND	460
RT IN OLIGOHALINE TIDAL MARSHES PHYSICAL AND ANALYTICAL	CHEMISTRY NUTRIENTS CARBON DIOXIDE SYSTEM DIPP	451
EIGHT ATOMIC SAFETY AND LICENSING BOARD	CHEMISTRY OF NATURAL AND POLLUTED WATERS. WATER	332
MARINE SEDIMENTS TRACE METALS IN HUMAN TISSUES ORGANIC	CHEMISTRY OF SEA WATER OCEAN RESOURCES NEW YORK	443
P ANALYSIS ANALYTICAL	CHEMISTRY OF WATER AND SEDIMENTS AMINO ACID GEOC	766
HYTOPLANKTON COMPOSITION AND DIVERSITY RELATIVE TO WATER	CHEMISTRY OXIDATION - REDUCTION OR PORPHINS WATE	401
EMPHASIZED FRESHWATER ECOLOGY IN MANY ASPECTS INCLUDING	CHEMISTRY RESEARCH ASSISTANT P	210
H SCIENCES/PARAMEDICAL FIELDS ANATOMY PHYSIOLOGY	CHEMISTRY THE ECOLOGY OF THE BIRCH LAKE AREA IN	365
PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BIOPHYSICAL	CHEMISTRY MICROBIOLOGY & PATHOLOGY IN THE HEALT	629
C-BEARING PLANTS & THEIR ALKALOID FLORA OF TAIWAN	CHEMISTRY PARTICULARLY CHEMICAL REACTIVITY (GEN	5
I. PARTICLES IN WATER BIOPHYSICAL LIMNOLOGY REABERATION OF	CHEMOSYSTEMATIC STUDIES OF AMERICAN OAKS ALKALO	430
ITY ESPECIALLY CRUSTACEAN FEEDING FEEDING OF COPEPODS IN	CHEROKEE RESERVOIR BACTERIAL DISEASES OF WATER M	409
N LOUISIANA SALT-MARSH IMPOUNDMENT SHELLFISH RATCHERY IN	CHESAPEAKE BAY SECONDARY PRODUCTIV	701
S GROSS BIOLOGICAL EFFECT OF OVERCROD DISPOSAL IN UPPER	CHESAPEAKE BAY AQUACULTURE OF SHRIMP AND SHELLF	597
ISLAND DAM & RESERVOIR N.Y. N.J. & PA FISH & WILDLIFE	CHESAPEAKE BAY - FISH BIOLOGICAL EVALUATION OF W	586
BIOSSY METHOD - STRIPED BASS ADULT AND YOUNG FISHES OF	CHESAPEAKE BAY AND TRIBUTARIES EVALUATING EPPEC	522
MMERCIAL MOLLUSKS AND FISH EFFECTS OF HURRICANE AGNES ON	CHESAPEAKE BAY AND TRIBUTARIES ESPECIALLY STRIP	586
AND TAXONOMY OF MARINE ZOOPLANKTON ZOOPLANKTON OF LOWER	CHESAPEAKE BAY BIOLOGY OF THE GOEDUCK CLAM HIGH	14
W MARINE WATERS NITROGEN CYCLE ON CORAL REEFS CONTROL OF	CHESAPEAKE BAY ENHANCEMENT OF STRIPED BASS POPUL	275
JECT CONDITIONS OF THE BIOTA OF	CHESAPEAKE BAY JELLYFISH FREE AMINO ACIDS AND MA	760
ER MOVEMENT AERIAL PHOTOGRAPHIC STUDY OF MONTAUK PT. AND	CHESAPEAKE BAY OIL SPILL STUDY ENERGY POLICY PRO	69
SOLUTIONS IN COASTAL ZONE RESOURCES COASTAL ZONE MGT. IN	CHESAPEAKE BAY PHYTOPLANKTON COMMUNITIES AERIAL	115
MATIC STUDY OF VERONICA SERPHYLLIFOLIA VASCULAR FLORA OF	CHESAPEAKE BAY WETLANDS ON LONG ISLAND INDUSTRIA	811
PROFESSIONALS NUCLEIC ACID DISTRIBUTION IN THE DEVELOPING	CHESHIRE CO. NEW HAMPSHIRE BIOSYSTEM	72
ROL AQUATIC BIOLOGY DIVISION OF FISHERY RESEARCH BRANCH	CHICK HEART METAPLASIA AND NUCLEAR NUCLEIC ACIDS	12
ION ECOLOGY AND MANAGEMENT OF DESTRUCTIVE FOREST INSECTS	CHIEF CROSS-FLORIDA BARGE CANAL INVESTIGATION P	749
CONSULTANT ADMINISTRATION OF FORESTRY PROGRAMS; 10 YEARS	CHIEF OF FOREST INSECT RESEARCH US FOREST SERVIC	759
10 YEARS CHIEF OF U.S. FOREST SERVICE; 10 YEAR ASSISTANT	CHIEF OF U.S. FOREST SERVICE; 10 YEAR ASSISTANT	135
BY AT ARMY RESEARCH BASES VECTOR STUDIES ON MOSQUITOES &	CHIEF; 41 YEARS PROFESSIONAL EXPERIENCE CONSULTA	135
ATOMY SURVY FISHES OF BALTIMORE HARBOR SURVEY FISHES OF	CHIKUNGUNYA VIRUS MEDICAL ENTOMOLOGY ARBOVIROLO	454
PRODUCTION IN NW PENNSYLVANIA FORESTS INGESTION RATES OF	CHINCOTEAGUE BAY BIOLOGY OF FISHES FISH AN	784
OF SMALL MAMMALS IN FORESTS EFFECT OF HAST PRODUCTION ON	CHIPMUNK POPULATIONS POPULATION BIOLOGY AND ECO	276
BIOLOGICAL CONTROL OF AQUATIC INSECT PESTS MOSQUITOES	CHIPMUNK POPULATIONS HAST PRODUCTION IN NW PENNS	276
CIES DIVERSITY AND SECONDARY SUCCESSION EFFECT OF DDT ON	CHIRONOMIDS W.H.O. CONSULTANT MOSQUITO CONTROL B	46
ORGANIC COMPOUNDS IN THE MARINE ENVIRONMENT ADSORPTION OF	CHLORELLA-DAPHNIA ECOSYSTEM EFFECT OF MIREX ON S	404
F CHLORINATED HYDROCARBONS FROM SEAWATER DISTRIBUTION OF	CHLORINATED HYDROCARBONS FROM SEAWATER DISTRIBU	309
RESIDUES IN CALIFORNIA CURRANT	CHLORINATED HYDROCARBONS IN ATLANTIC OCEAN METAB	309
EL BIOCHEMISTRY - HEAVY METAL INTERACTIONS WITH PROTEINS	CHLORINATED HYDROCARBONS IN MARINE ECOSYSTEM DDT	154
TIFIED LAKES STRATIFICATION OF PHYTOPLANKTON POPDLATIONS	CHLORINATED ORGANICS FROM WASTEWATER DISINFECTIO	161
ENVIRONMENTAL IMPACTS STATEMENT RESEARCH STUDY PROPOSAL	CHLORINATION EFFECT OF PHOTOSYNTHESIS DISTRIBU	28
ION VEGETATION MANAGEMENT PLAN FOR NATURAL AREAS USE OF	CHLORINATION STUDY PROPOSAL CHEMICAL-PHYSICAL A	117
BIOLOGY BOTH ITS ECOLOGICAL AND ITS EVOLUTIONARY ASPECTS	CHLOROPHYLL EXTRACTS TO MEAS SOLAR RAD. EFFECTS	710
MALARIA CONTROL BLOODSUCKING FLIES ON	CHM. WORK GRP. 4 OF THE CONF. ON GLOBAL ECOL. PR	358
LOGY AND PATHOLOGY OF ANIMAL VIRUS DISEASES LUMPHOCYTIC	CHOCERICIASIS CONTROL MICROSPORIDS ON BLACK FLIES	364
ENESIS IN MOUSE SKIN EFFECT OF CARCINOGENS ON MOUSE SKIN	CHROMIUMENINGITIS VIRUS RESEARCH EFFECT OF LEAD I	397
Y ESPECIALLY IN RELATION TO FISH FAUNA EFFECTS OF ZINC	CHROMIUM TUMOR PROMOTION OF ANTHRALIN IN MOUSE	632
PHMENT CYTOCHEMISTRY OF	CHROMIUM AND NICKEL ON AN ESTUARINE TELEOST ECOL	93
IONS VERTEBRATE WATERSHED SURVEY CYTOGENETIC ANALYSIS OF	CHROMOSOMAL ACTIVITY; CHEMICAL ASPECTS OF DEVELO	601
	CHROMOSOME ANALYSIS REPRODUCTIVE PATTERN IN WILD	78

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

UR 24 TRAPPING BLUEGILL SUNFISH IN FARM PONDS LAKE TROUT	777
INSECTICIDES' EFFECTS IN TELEOST FISHES CARCINOGENESIS IN	766
AL MODEL FOR HYPERSENSITIVITY PNEUMONITIS IMMUNOLOGY OF	95
ATION OF NUCLEAR POWER PLANTS FEEDING HABITS OF BINK AND	382
OGY AND SYSTEMATICS OF FISHES BIOLOGICAL SURVEY OF SALEM	62
IRON FROM ACID MINE DRAINAGE WATERS DOWN WIND TRAVEL OF	783
SYSTEMATICS OF SQUAMATE REPTILES HERPETOFAUNA OF CUATRO	466
ORGANISMS LARVAL BIOLOGY OF BORING AND POOLING MOLLUSKS	160
GANISMS EFFECTS OF DYLOX ON BENTHIC MACROFAUNA EFFECT OF	381
CTS OF INHALED AMYL NITRITE EFFECTS OF OXYLAMINE ON SKIN	164
ESTUARINE HYDROGRAPHY COASTAL PROCESSES SEDIMENTOLOGY	207
LOGIC SURVEY EGG HARROW, NY HYDROTHERMAL SURVEY ESTUARY	143
IATOM COMMUNITY ANALYSES - CEDAR BOG THE DIATOM CYMBELIA	347
PRODUCTION AND LIFE HISTORY FLORISTIC SURVEY OF MORRHEAD	519
COMMUNITIES COMPETITION IN CLADOCERANS SIZE STRATEGIES IN	1
NAL ECOLOGY OF STREAM BENTHIC COMMUNITIES COMPETITION IN	1
OF NEW HAVEN HARBOR HISTOCHEMISTRY OF MUCOSUBSTANCES IN	333
NT IN PONDS LAKES RESERVOIRS AND STREAMS ATLANTIC SURF	284
UNITIES; EFFECTS OF STRESS A STRESS SYNDROME IN THE HARD	366
HURRICANE AGNES ON CHESAPEAKE BAY BIOLOGY OF THE GEODUCK	14
ENVIRONMENTAL EDUCATION DYNAMICS OF A POP. OF SOFTSHELL	496
ITONS POLYELECTROLYTES FOR POLLUTION CONTROL RAW WATER	794
D INDUSTRIAL PROCESSING PRIMARY COAGULANTS FOR RAW WATER	794
IZING IN PRODUCTIVITY STUDIES LIMNOLOGICAL SURVEY OF THE	495
THE TARIFF SYSTEM OF TREE-VOLUME ESTIMATIONS GIRARD FORM	782
COMPARATIVE VERTEBRATE ETHOLOGY-ALL VERTEBRATE	110
HWAY IMPACT ON WETLANDS AND WILDLIFE FRESHWATER WETLAND	262
D TREE GROWTH AS AFFECTED BY ARTIFICIAL FLOODING WETLAND	262
F ANIMAL WASTE IN SOILS TROPICAL SOILS SOIL SURVEY SCIL	92
TS AND CONTROL OF SPIDER MITES	141
T EVALUATE LAND FOR COMMERCIAL DEVELOPMENT SOIL SCIENCE	621
ALYSES OF CLAY SAMPLES STUDIES RELATED TO SOIL GENESIS	803
OGY AND SYSTEMS ANALYSIS LINEAR PROGRAM FOR QUANTITATIVE	351
L LEGISLATION FOR CT PEST CONTROL: URBAN VERMIN CONTROL	388
RAM FOR QUANTITATIVE CLAY ANALYSIS	351
ON AND ANIMAL HEALTH SOIL FERTILITY SOIL CHEMISTRY AND	649
ON STUDY OF RHODE ISLAND SOILS MINERALOGICAL ANALYSES OF	803
BIOME IRP COLD REGION ECOLOGY AND TERRAIN OIL SPILL AND	82
HT. ECOLOGICAL BASELINE STUDY OF THE N.E. GULF OF MEXICO	313
AVEL OF CHY EVEN SPILL USE OF CLUIDIZED BED ELECTRODE TO	783
L POPULATION-HABITAT RELATIONSHIPS ECOLOGICAL EFFECTS OF	797
TAT FACTORS DETERMINING DENSITY OF FORESTRIND EFFECTS OF	341
SURVEY FIRST-YEAR GROWTH ALEWIFE LAKE ONTARIO OPERATION	211
LATIONS THERMAL WASTE IN HEATING THE SOIL EVALUATION OF	609
ANALYSIS OF CHEMICAL-PHYSICAL WEATHERING SYSTEMS IN COLD	51
IAN OCEAN FORAMINIFERA PALEOENVIRONMENTAL INTERPRETATIONS	355
RESERVOIRS BIOLOGICAL MONITORING BIOLOGICAL RECOVERY OF	184
FRESHWATER FISHERIES MANAGEMENT-IN NORTH AMERICA	26
- 4 COMMUNITIES ABSTRACTOR HUMAN PATHOLOGY MICROSCOPY	296
SULFATES FOR P REMOVAL ENHANCEMENT OF NITRIFICATION WITH	439
GES EATEN BY DEER IN THE SOUTHEAST SIMULATED BROWSING BY	303
IZATION & RELEASE OF ORGANIC MATERIAL WATER TREATMENT IN	646
MEDICAL ENVIRONMENTS MICROBIAL CONTAMINATION CONTROL OF	402
ADMIN. OF RESEARCH AND OTHER PROGRAMS YEAST IN	124
ABOLISM BY BACTERIA CLOSTRIDIA INFECTIONS; PHAGOCYTOSIS	708
ECTIONS AND PHAGOCYTOSIS STEROID METABOLISM BY BACTERIA	708
STE DUMPS IN THE ADIRONDACK MOUNTAINS THE BIOLOGY OF THE	392
PLANT BREEDING PSEUDO-SELF-COMPATIBILITY OF RED	423
RAINAGE WATERS DOWN WIND TRAVEL OF CHY EVEN SPILL USE OF	783
GOON TO THE PUBLIC COMPUTER SIMULATION OF THE EFFECTS OF	547
R ESTUARIES OCEANS PHYTOPLANKTON FISHERIES ANADROMOUS	227
HERPETOFAUNA OF CUATRO CIENEGAS BASIN MEXICO ECOLOGY OF	468
DY OF VERONICA SERPHYLLIFOLIA VASCULAR FLORA OF CHESHIRE	72
Y AND PALAEOECOLOGY VEGETATION OF ROG ISLAND NORTHAMPTON	319
TS AND SMALL MAMMAL POPULATIONS FORESTS OF PRINCE EDWARD	251
IS IN NIAGARA FRONTIER REGIONAL BIRD POPULATION STUDIES;	489
S IMPROVEMENT - PINK BOLLWORM PROGRAM HOST-PLANT INSECT	208
ECIPE. TRANSIC COMPETITION BETWEEN FLACK AND WILD GERMAN	74
AW WATER CLARIFICATION AND INDUSTRIAL PROCESSING PRIMARY	794
STABILIZATION CYCLE OF COAL IN THE NORTHERN APPALACHIANS	810
ENERGY AIR AND WATER POLLUTION CONTROL SOLVENT REFINED	372
TRIP MINING RECLAMATION AND SLOPE STABILIZATION CYCLE OF	810
AND DECAY ANTI STRIP MINING LEGISLATION - CONSULTATION	810
DYNAMICS FOLLOWING DISTURBANCES RECLAMATION OF DEEP MINE	354
RECLAMATION OF DEEP MINE COAL WASTES FOREST GROWTH NEAR	354
POOLING LARVAE ECOLOGICAL IMPACT OF NUCLEAR PLANT N.H.	162
TY FIELD EXPERIMENT ABUNDANCE ETC. LARVA HERRING MAINE	273
MENTAL BUOY DATA ANALYSIS LIGHTSHIP DATA AND WEATHER E.	122
TOES FILTH FLIES COASTAL MANAGEMENT PEST MANAGEMENT IN	23
S IMPACT STUDY PHYTOPLANKTON ECOLOGY IMPACT STUDIES ON	459
E ISOLATED FORMS OF RACCOONS ECOLOGY AND SYSTEMATICS OF	418
SYSTEMS TRACE METAL CYCLING DURING DREDGING MID-ATLANTIC	3
D EUTROPHICATION OF COASTAL PONDS ECOLOGICAL SURVEY OF A	501
VATIONS ON BENTHIC FISHES DISTRIBUTION AND ABUNDANCE OF	366
TUARINE MARSHES SECONDARY PRODUCTIVITY OF ESTUARINE AND	521
CHROMOSOME MORPHOLOGY INCREASE FISH AND WILDLIF	777
CHRONIC EXPOSURE TO DDT BEHAVIORAL CHANGES IN FI	766
CHRONIC LUNG DISEASES ESPECIALLY OCCUPATIONAL PE	95
CHUM SALMON SECONDARY PRODUCTION OF MARINE PELAG	382
CHURCH DAM SITE BIOLOGICAL IMPACT OF GATHRIGHT D	62
CHY EVEN SPILL USE OF CLUIDIZED BED ELECTRODE TO	783
CIENEGAS BASIN MEXICO ECOLOGY OF CNEHIDOPHORUS T	466
CINEMATOGRAPHIC STUDIES OF FOULING LARVAE ECOLOG	160
CIRCULATING WATER SYSTEMS LAKE ONTARIO ECOLOGICA	381
CIRCULATION - TEMPERATURE AND CONC. EFFECTS EPPE	164
CIRCULATION OF N.H. COASTAL WATERS THERMAL POLLU	207
CIRCULATION WITH REGARDS TO WASTE DISPOSAL NORTH	143
CISTULA DIATOM COMMUNITY ANALYSIS; ALGEOLOGY (AF	347
CITY PORT MACON JETTYS NORTH CAROLINA TAXONOM	519
CLADOCERANS STRUCTURE OF AQUATIC COMMUNITIES; D	1
CLADOCERANS SIZE STRATEGIES IN CLADOCERANS STRU	1
CLAM PHYSIOLOGICAL ECOLOGY OF MARINE ORGANISMS	333
CLAM - BIOLOGY AND COMMERCIAL CATCH PACIFIC SALM	284
CLAM FATTY ACIDS IN MARINE FOOD WEBS LONG-TERM O	366
CLAM HIGH SEAS PACIFIC SALMON STUDIES BIOLOGY	14
CLAMS IPSWICH MA ENVIRONMENTAL IMPACT STATEMEN	496
CLARIFICATION AND INDUSTRIAL PROCESSING PRIMARY	794
CLARIFICATION FLOCCULANTS FOR INDUSTRIAL AND MUN	794
CLARION AND TONESTA RESERVOIRS CONSULTANT - WAT	495
CLASS ESTIMATIONS ECOLOGY OF REDWOOD FOREST ECO	782
CLASSES-ESP. MAMM. PREDATORY BEHAVIOR	110
CLASSIFICATION AND EVALUATION AS WILDLIFE HABITA	262
CLASSIFICATION AND EVALUATION HIGHWAY IMPACT ON	262
CLASSIFICATION GENESIS AND MAPPING SOIL INTERPE	92
CLASSIFICATION OF NITIDULIDAE (COLEOPTERA); HABIT	141
CLASSIFICATION MAPPING AND INTERPRETATIONS FOR	621
CLASSIFICATION MORPHOLOGY AND LAND USE THE EPPE	803
CLAY ANALYSIS	351
CLAY HILL VERMIN CONTROL PROJECT GOV. CON/DEVELO	388
CLAY MINERALOGY AND SYSTEMS ANALYSIS LINEAR PROG	351
CLAY MINERALOGY MINE SPOIL POTENTIALS FOR WATER	649
CLAY SAMPLES STUDIES RELATED TO SOIL GENESIS C	803
CLEAN UP ARCTIC SOILS PERMAFROST TUNDRA ECOLO	82
CLEANING OF OILED WATERPOWL WILDLIFE ECOLOGY AN	313
CLEANUP PLATING WASTES AIR AND WATER POLLUTION	783
CLEARCUTTING ECOLOGICAL EFFECTS OF PRESCRIBED FI	797
CLEARCUTTING ON BIRD POPULATIONS HABITAT REQUIRE	341
CLEARCROP LIFE HISTORIES OF FRESH-WATER FISHES	211
CLIMATE CROP INTERACTIONS EVAPORATIVE COOLING OF	609
CLIMATES AGGREGATE QUALITY JUDGMENT PHYSICAL-CHE	51
CLIMATOLOGICAL MAPPING AND PREDICTION PLANKTONI	355
CLINCH RIVER AQUATIC BIOLOGY ENVIRONMENTAL ANAL	184
CLINCH RIVER SURVEY	26
CLINICAL AND PATHOLOGIC ANATOMY ANNUAL RAGWEED P	296
CLINOPTILOLITE BIOLOGICAL WASTE TREATMENT NITR	439
CLIPPING THE EFFECTS OF HABITAT CHANGES ON WILD	303
CLOSED ECOSYSTEMS HUMIC SUBSTANCES IN ESTUARIES	646
CLOSED ENVIRONMENTS & PLANT EFFLUENTS DESIGN INC	402
CLOSED FOOD CYCLES	124
CLOSTRIDIA INFECTIONS AND PHAGOCYTOSIS STEROID M	708
CLOSTRIDIA INFECTIONS; PHAGOCYTOSIS CLOSTRIDIA I	708
CLOUDLAND DEER MOOSE PEROMYSCUS MANICULATUS MUST	392
COVER FORAGE LEGUMES SOYBEAN BREEDING & CULTURE	423
CLUIDIZED BED ELECTRODE TO CLEANUP PLATING WASTE	783
CLUMPING POPULATION AND COMMUNITY BIOLOGY OF HA	547
CLUPPID FISHERIES- SUSQUEHANNA RIVER EUTROPHICAT	227
CNEHIDOPHORUS TIGRIS VERTEBRATE FAUNA COLORADO N	468
CO. NEW HAMPSHIRE	72
CO. VIRGINIA EVALUATION OF NATURAL VALUES OF A	319
CO. VIRGINIA POPULATION DYNAMICS OF SMALL MAMMA	251
CO-AUTHOR OF BIRDS OF THE NIAGARA FRONTIER REGIO	489
CO-EVOLUTION BASED ON CHEMICAL INTERACTIONS HOST	208
COACKROACHES POPULATION BIOLOGY OF COCKROACHES	74
COAGULANTS FOR RAW WATER CLARIFICATION FLOCCULAN	794
COAL COMMUNITY ABANDONMENT AND DECAY ANTI STRIP	810
COAL ENVIRONMENTAL IMPACT STATEMENTS ON VARIOUS	372
COAL IN THE NORTHERN APPALACHIANS COAL COMMUNITY	810
COAL MINING ASSOCIATED POLLUTION STRIP MINING R	810
COAL WASTES FOREST GROWTH NEAR COAL-BURNING POWE	354
COAL-EDRNING POWER STATTON DYNAMICS OF FOREST E	354
COAST BIOLOGY OF MARINE LARVAE AND POOLING AND	162
COAST ESTIMATES LARVAL HERRING MORTALITY SUBMERS	273
COAST D.S. AIR SEA INTERACTION METEOROLOGY AND	122
COASTAL AND ESTUARINE AREAS BIOLOGY AND CONTROL	23
COASTAL AND ESTUARINE BIOTA CRANEY ISLAND ENVIPO	459
COASTAL AND INSULAR TERRESTRIAL VERTEBRATES BIG	418
COASTAL ATMOSPHERIC PROCESSES CHEMICAL OCEANOGR	3
COASTAL BRACKISH LAKE	501
COASTAL COMMUNITIES; EFFECTS OF STRESS A STRESS	366
COASTAL ECOSYSTEMS ECOLOGICAL STABILITY OF NORTH	521

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ECOLOGY AND FLORISTICS OF FRESHWATER MARSHES AND EFFECTS UPON AQUATIC ECOSYSTEMS	94
WETLANDS ECOLOGY THERMAL EFFECTS ATLANTIC	94
WETLANDS ECOLOGY WETLANDS ECOLOGY MARSHLANDS AND	216
IAN SYSTEMATICS AND ECOLOGY VERTEBRATES OF MASSACHUSETTS	758
PEST MANAGEMENT BITING FLIES MOSQUITOES FILTH FLIES	23
BOECOLOGY OF TONGUE OF OCEAN BIOSTRATIGRAPHY OF ATLANTIC	445
TION THE MARINE NEWSLETTER DIRECTORY OF PERSONNEL OF THE	19
CKISH LAKE BLUE GREEN ALGAE AND EUTROPHICATION OF	501
CONNECTICUT PHYSICAL OCEANOGRAPHY ESTUARINE HYDROGRAPHY	307
RGY FLOW THROUGH UCA PUGNAX POPULATION ECOLOGICAL SURVEY	635
ES ON AMELIA ISLAND GRASSLAND FERTILITY AND MANAGEMENT;	801
H ECOLOGY OF HARSH ENVIRONMENT PLANTS ARCTIC-ALPINE AND	727
COPEPODS - ARCTIC OCEAN MARINE WATER QUALITY MANAGEMENT	348
AIP PURIFICATION TRACE METALS IN LAKE WASHINGTON LEAD IN	25
ND SUICIDE ENVIRONMENTAL NEUROBIOLOGY SUCCESSION SHALLOW	770
PHYTOPLANKTON COMMUNITIES AERIAL PHOTOGRAPHIC STUDIES OF	115
BIOLOGICAL & CHEMICAL INTERACTIONS IN FRESH ESTUARINE &	812
CONN. EVALUATING ENVIRONMENTAL IMPACTS IN ESTUARIES AND	729
OTA SALT MARSH PRODUCTIVITY & PLANT EXPORT POLLUTION OF	504
PHY COASTAL PROCESSES SEDIMENTOLOGY CIRCULATION OF N.H.	307
S MARINE AMPHIPOD CRUSTACEANS ECOLOGICAL SIGNIFICANCE OF	159
DS TRUST BILL EUTROPHICATION OF COELOSSER WATERSHED MAINE	516
L EL HESI ARCHEOLOGICAL PROJECT CRITICAL PROBLEMS OF THE	688
LYSIS AND MANAGEMENT SOLUTIONS IN COASTAL ZONE RESOURCES	811
IAL WASTES PROBLEM ANALYSIS AND MANAGEMENT SOLUTIONS IN	811
PERIMENTAL SALT MARSH STUDY OIL POLLUTION BASELINE STUDY	714
ESISTANT - WATER BASED BOXES SPECIALIZED ENVIRONMENTAL	479
S OF NANTUCKET SOUND ISLANDS TRUST BILL EUTROPHICATION OF	516
CGY OF MASSIVE PROTOZOA AND FUNGI CELL BIOLOGY OF MARINE	544
ENCE TO MEANS OF BIOLOGICAL CONTROL POP. BIOL. OF GERMAN	346
. OF GERMAN COCKROACH IN LAB. CULTURES CONTROL OF GERMAN	346
LACK AND WILD GERMAN COCKROACHES POPULATION BIOLOGY OF	346
OSYSTEMS INSECT DISPERSAL INTO GAMMA IRRADIATED GRADIENT	374
INVENTORIES BIRDS OF ATLANTIC SEABOARD BATTERAS TO CAPE	328
G AND DREDGE SPOIL DISPOSAL MARINE BENTHIC ECOLOGY CAPE	807
INSULAR TERRESTRIAL VERTEBRATES BIOGEOGRAPHY OF THE CAPE	418
NUTRIENT STUDIES ON CORAL REEFS MARINE MAMMALS FROM CAPE	551
OLUTION BASED ON CHEMICAL INTERACTIONS HOST PLANT INSECT	208
TO TEMPERATURE EXTREMES ACCLIMATIZATION OF HS SPARROW	40
TO OF SALICYLATES DIETARY EFFECTS ON METABOLIC RESPONSE TO	238
ICA ANALYSIS OF CHEMICAL-PHYSICAL WEATHERING SYSTEMS IN	51
RESEARCH PHYSIOLOGY AND ECOLOGY OF MAMMALS IN ARCTIC AND	327
NMENTAL MANAGEMENT IN COLD REGIONS U.S. TUNDRA BIOME IPP	82
PERMAFROST TUNDRA ECOLOGY ENVIRONMENTAL MANAGEMENT IN	82
Y - TURFGRASS MANAGEMENT FORAGE CROPS MANAGEMENT BROOD	798
ET MARINE AND FRESHWATER FISHERIES IN NE UNITED STATES;	457
LOPMENT AND IMPROVEMENT OF HABITAT FOR WILDLIFE AND THE	493
HESIS OF FLOCCULANTS AND POLYELECTROLYTES DEVELOPMENT OF	60
ORING VIA AVIPALUNA AN. ECOSYSTEM ANALYSIS UPPER DIVISION	130
ONIC SYSTEMS AND PHYSIOLOGICAL EMBRYOLOGY OF VERTEBRATES	12
ATORY FOR HIGH SCHOOLS ENVIRONMENTAL EDUCATION COURSES -	292
ON P. ROSEOLA HAZARD ASSOCIATED WITH SHIP AND BREAKWATER	616
LPOOL DENSITY-GRADIENT CENTRIFUGATION OF SUSPENDED AND	409
POPULATION OF GREAT PLAINS SKINK POPULATION ECOLOGY OF	295
NTS PALEOECOLOGY OF TICHENOR LIMESTONE FORAMINIFERAL-ALGAL	90
UBSTANCES IN ESTUARIES MARINE MICROBIAL ECOLOGY SEAWEE	646
LY REEF SPECIES AND THEIR ATTRACTION TO ARTIFICIAL REEFS	311
ANAL REGION ECOLOGY TAXONOMY AND MORPHOLOGY OF BRYOZOA	34
R SOCIAL BEHAVIOR OF AMERICAN CHAMELEON ENDOCRINOLOGY OF	148
L SURVEY. FOREST STRUCTURE & DYNAMICS ROCKY MOUNTAINS	543
. MEXICO ECOLOGY OF CNEPIDOPHORUS TIGRIS VERTEBRATE PAUNA	468
BAN VERMIN CONTROL CLAY HILL VERMIN CONTROL PROJECT GOV.	388
WT. FLOUNDER DISCARDED AT SEA BY U.S. FISHERMAN DESCRIBE	535
ES/FORMULATION EVALUATION/SLOW RELEASE PESTICIDES AS NEW	156
ANADROMOUS FISH OF THE NORTHWEST ATLANTIC DEVELOPMENT OF	220
RESERVOIRS AND STREAMS ATLANTIC SURF CLAM - BIOLOGY AND	284
LUATE LAND FOR RESIDENTIAL DEVELOPMENT EVALUATE LAND FOR	621
SEAS, PACIFIC SALMON STUDIES BIOLOGY AND MANAGEMENT OF	14
QUALITY MANAGEMENT WATER POLLUTION PANEL NATIONAL WATER	344
T STUDIES PERNAS/WORLD BANK PARAGUAY/BRAZIL JOINT PARANA	265
ENCE CONSULTANT FORESTRY AND FIBERS & LANE USE NATIONAL	135
ESSENT STAFF SCIENCE ADVISOR HAZARDOUS MATERIALS ADVISORY	451
E FACILITIES ENGINEERING ADVISOR TO TECHNICAL AND POLICY	587
E ADVISORY COUNCIL FOR URBAN ECOSYSTEMS STUDIES STEERING	358
OGY TAXONOMY AND MORPHOLOGY OF BRYOZOA COLONY GROWTH OF	34
RAVIOR IN WHITE-BREADED NUTHATCH ASPECTS OF	598
H ASPECTS OF COMMUNICATION BEHAVIOR IN BIRDS	598
BEHAVIOR (PHEROMONES) BIOLOGICAL CONTROL EXP. STUDIES ON	705
IONS IN RIPPLE WATERS MACROBENTHOS SYNERGISMS OF RIPELE	116
ITIES FISH SEXUALITY AND PHYLOGENY SPACE SHARING IN FISH	658
NATION OF PLANT COMMUNITIES COMPUTER STIMULATION OF PLANT	247
AND PATHOLOGIC ANATOMY ANNUAL RAGWEED POLLEN CENSUS - 4	296
BENTHIC HEAVY METAL TOXICITY TOWARD FRESH WATER AQUATIC	576
IC STUDY OF MONTAUK PT. AND CHESAPEAKE BAY PHYTOPLANKTON	115
VIOR EFFECTS OF ARTIFICIAL EUTROPHICATION ON FRESHWATER	294
COASTAL ECOSYSTEMS ECOLOGY OF MARSH VEGETATION	94
COASTAL ESTUARY CHEMICAL EFFLUENTS GULF OF MEXI	94
COASTAL IMPOUNDMENTS OPEN MARSH WATER MANAGEMENT	216
COASTAL ISLANDS VERTEBRATE REMAINS IN INDIAN MID	758
COASTAL MANAGEMENT PEST MANAGEMENT IN COASTAL AN	23
COASTAL PLAIN ECOLOGY OF FLORIDA BAY FORAMINIFER	445
COASTAL PLAINS REGION TWO AREAS: (1) ENVIRONMENT	19
COASTAL PONDS ECOLOGICAL SURVEY OF A COASTAL BRA	501
COASTAL PROCESSES SEDIMENTOLOGY CIRCULATION OF	307
COASTAL REGION OF GEORGIA SALT MARSH ECOLOGY WI	635
COASTAL STABILIZATION; LAND RECLAMATION; MARSH B	801
COASTAL TAXONOMY OF TOLOSTOMA BRUMALE SNOWCOVER	727
COASTAL WATER QUALITY MONITORING NETWORK VERTICA	348
COASTAL WATERS THERMODYNAMICS AND KINETICS	25
COASTAL WATERS CARIBBEAN SOCIAL BIOLOGY ECOLOGY	770
COASTAL WATERS OF NEW YORK AND LONG ISLAND USE	115
COASTAL WATERS PLANKTON ECOLOGY IN THE ESTUARY H	812
COASTAL WATERS POWER PLANT ECOLOGY - HUDSON RIVE	729
COASTAL WATERS SALT MARSH MICROCOSMS: A POLLUTIO	504
COASTAL WATERS THERMAL POLLUTION BRIDGEPORT HAR	307
COASTAL WETLANDS SHALLOW WATER MARINE & ESTUARI	159
COASTAL WETLANDS GROUNDWATER DENNIS AND TIBRO I	516
COASTAL ZONE ENVIRONMENTAL STUDIES ASSESSMENT	688
COASTAL ZONE MGT. IN CHESAPEAKE BAY WETLANDS ON	811
COASTAL ZONE RESOURCES COASTAL ZONE MGT. IN CHES	811
COASTAL ZONE WORKSHOP MARSH ECOLOGY MARINE OIL	714
COATINGS FOR SHIPS BUILDINGS METALS ETC. FOR U	479
COBBOSSEPP WATERSHED MAINE COASTAL WETLANDS GROUND	516
COCCOID FUNGI CELL BIOLOGY OF HAPLOSPORIDANS ULT	544
COCKROACH IN LAB. CULTURES CONTROL OF GERMAN COC	346
COCKROACH WITH RECIPR. TRANSIC COMPETITION BETWE	346
COCKROACHES ESPECIALLY WITH REFERENCE TO MEANS	346
COCONUT RHINOCEROS BEETLE PROJECT PESTS OF RICE	374
COD AVIAN FLIGHT FORMATIONS AVIAN FLOCKING BEHA	328
COD BAY ECOSYSTEM QUANTITATIVE ANALYSIS EFFECTS	807
COD REGION MASS. BIOGEOGRAPHY OF THE OUTER BANK	418
COD TO CAPE WATERS AQUATIC CHEMISTRY NUTRIENT	551
COEVOLUTION IN P. POLYXENES POPULATION DYNAMICS	208
COLE VERTEBRATE ADAPTATIONS	40
COLD EFFECTS OF ENVIRONMENTAL STRESS (TEMPERATU	238
COLD CLIMATES AGGREGATE QUALITY JUDGMENT PHYSICA	51
COLE CONDITIONS NUCLEAR POWER PLANT SITE TERREST	327
COLD REGION ECOLOGY AND TERRAIN OIL SPILL AND CL	82
COLD REGIONS U.S. TUNDRA BIOME IPP COLD REGION E	82
COLD SHADE AND WEAR STUDIES WITH TURFGRASSES A	798
COLLECTION & ANALYSIS ECOLOGICAL STUDY OF DELAWA	457
COLLECTION AND ANALYSIS OF BIOLOGICAL DATA EFPEC	493
COLLECTOR FOR OIL SPILLS DEVELOPMENT OF FILTERS	60
COLLEGE HARRISBURG FLOOD CONTROL STUDY FAUNAL RE	130
COLLEGE LABOR CONTRACTS FOR TEACHERS AND PARAPRO	12
COLLEGE LEVEL RECREATION & OUTDOOR EDUCATION COU	292
COLLISSION DESIGN OF SEWAGE TREATMENT PLANT STRU	616
COLLOIDAL PARTICLES IN WATER BIOPHYSICAL LIMNOL	409
COLG-CLOODED VERTEBRATES LIFE HISTORY OF WEHRLS	295
COLONIES BAHAMAS SEDIMENTOLOGY-ECOLOGY MODERN CA	90
COLONIZATION & RELEASE OF ORGANIC MATERIAL WATER	646
COLONIZATION OF ARTIFICIAL REEF BY FISHES ECOLO	311
COLONY GROWTH OF COMMON POULING BRYOZOAN BRYOZOA	34
COLOR CHANGE IN CROTAPHYTUS HABENULAR LESIONS AN	148
COLORADO NATURAL AREA EVALUATION; PLANT COMMUNI	543
COLORADO NATL. MONUMENT FERRODUCTIVE BIOLOGY G	468
COM/DEVELOP ENVIRONMENTAL POLICY FOR CT PESTICID	388
COMM. FISH. PARAMETERS 5 RESERVOIRS IN OKLAHOMA	535
COMMERCE INDUSTRIAL NEW PRODUCT EVALUATION/KNOW	156
COMMERCIAL ANADROMOUS FISH RESOURCES STREAM IMPR	220
COMMERCIAL CATCH PACIFIC SALMON PASSAGE FACILITY	284
COMMERCIAL DEVELOPMENT SOIL SCIENCE CLASSIFICAT	621
COMMERCIAL MOLLUSKS AND FISH EFFECTS OF HURRICAN	14
COMMISSION ANALYSIS PURE WATERS PROGRAM STATE OF	344
COMMISSION CONSOLIDATED EDISON ECOLOGY; TROPICS	265
COMMISSION ON MATERIALS POLICY FORESTRY CONSULTA	135
COMMITTEE EVALUATION OF ENVIRONMENTAL EFFECTS O	451
COMMITTEE FOR FISHERIES MANAGEMENT OF THE CONNEC	587
COMMITTEE OF DAT DONG OF INT. FEL. OF REC. POPU	358
COMMON POULING BRYOZOAN BRYOZOA OF NEW ENGLAND B	34
COMMUNICATION BEHAVIOR IN BIRDS COMMUNICATION BE	598
COMMUNICATION BEHAVIOR IN WHITE-BREADED NUTHATC	598
COMMUNICATION IN TERMITES TERMITES - AUSTRALIA	705
COMMUNITIES DIATOM FLUCTUATIONS IN ACID MINE WA	116
COMMUNITIES ECOLOGY AND EVOLUTION OF FISHES SUR	658
COMMUNITIES ORDINATION OF PLANT COMMUNITIES AN	247
COMMUNITIES ABSTRACTOR HUMAN PATHOLOGY MICROSC	296
COMMUNITIES ACUTE TOXICITY HEAVY METALS FISH ACU	576
COMMUNITIES AERIAL PHOTOGRAPHIC STUDIES OF COAST	115
COMMUNITIES AN ECOLOGICAL EVALUATION OF STREAM E	294

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

ICS OF PELAGIC SARGASSUM COMMUNITY ENERGETICS OF MARINE	COMMUNITIES AND POPULATIONS SEWAGE SLUDGE EFFECT	661
CNG ISLAND USE OF REMOTE SENSING TO STUDY PHYTOPLANKTON	COMMUNITIES AND WATER MOVEMENT AERIAL PHOTOGRAPH	115
ITION THEORY DISTRIBUTIONAL ECOLOGY OF STREAM BENTHIC	COMMUNITIES COMPETITION IN CLADOCERAS SIZE STRA	10
COMMUNITIES AND COMPUTER SIMULATIONS ORDINATION OF PLANT	COMMUNITIES COMPUTER SIMULATION OF PLANT COMMUNI	247
FRESH WATER PRODUCTIVITY REMOTE SENSING SHALLOW MARINE	COMMUNITIES DINOFLAGELLATE LUMINES CENCE ANALYS	390
S IN PARTICULAR EFFECTS OF DISTURBANCE OF MARINE BIVALVE	COMMUNITIES EFFECTS OF OPENING MUGU LAGOON TO TH	547
S PLANT, EDGEWOOD EVALUATE POLLUTION EFFECTS ON AQUATIC	COMMUNITIES ENVIRON MONITORING PROGRAM EDGEWOOD	55
G ON OYSTER BEDS UNDERWATER (USING SCUBA) ASSESSMENT OF	COMMUNITIES EVALUATION OF OYSTER BEDS IN JAMES R	444
ECOLOGY AND EVOLUTION OF FISHES SURVEY OF BARAMIAN FISH	COMMUNITIES FISH SEXUALITY AND PHYLOGENY SPACE S	150
LL EXTRACTS TO MEAS SOLAR RAD. EFFECTS OF FIRE ON PLANT	COMMUNITIES IN EASTERN NORTH AMERICA NATURAL ARE	710
AND NATURAL RESOURCES REMOTE SENSING OF STRESS IN PLANT	COMMUNITIES LEAF REFLECTANCE AND RESPONSE TO STR	592
AY EFFECTS OF DREDGING IN BELFAST HARBOR MARINE BENTHIC	COMMUNITIES SURVEY OF MONTSWEAG BAY RE: NUCLEAR	181
TER SIMULATION OF PLANT COMMUNITIES ORDINATION OF PLANT	COMMUNITIES AND COMPUTER SIMULATIONS ORDINATION	247
TEM SYSTEMATICS OF COMPOSTPIO STRUCTURE AND DYNAMICS OF	COMMUNITIES RESOURCCE PARTITIONIN; TROPICAL BIC	622
NAS SIZE STRATEGIES IN CLADOCERANS STRUCTURE OF AQUATIC	COMMUNITIES; DISTRIBUTIONAL PROCESSES COMPETITI	10
ON BENTHIC FISHES DISTRIBUTION AND ABUNDANCE OF COASTAL	COMMUNITIES; EFFECTS OF STRESS A STRESS SYNDROME	366
IC STUDIES OF DESMODIUM PRIMARY PRODUCTIVITY OF EELGRASS	COMMUNITY COMPARATIVE ANATOMY OF THE MONOCOTYLE	13
IE COMMUNITY RESPIRATION ENERGETICS OF PELAGIC SARGASSUM	COMMUNITY ENERGETICS OF MARINE COMMUNITIES AND	661
LIZATION CYCLE OF COAL IN THE NORTHERN APPALACHIANS COAL	COMMUNITY ABANDONMENT AND DECAV ANTI STRIP MININ	810
IS PLANT POPULATION BIOLOGY	COMMUNITY ANALYSIS - ENVIRONMENTAL IMPACT ANALYS	249
RTFBFBATES	COMMUNITY ANALYSIS OF INSHORE AND ESTUARINE INVE	237
ANALYSES - CEDAR BOG THE DIATOM CYMBELLA CISTULA DIATOM	COMMUNITY ANALYSIS; ALGOLGY (FRESH WATER) ENVIR	347
R) ENVIRONMENTAL IMPACT STATEMENT - NUCLEAR POWER DIATOM	COMMUNITY ANALYSES - CEDAR BOG THE DIATOM CYMBEL	347
EF SIMULATION OF THE EFFECTS OF CLUMPING POPULATION AND	COMMUNITY BIOLOGY OF MARINE MOLLUSCS IN PARTICUL	547
ATTMENT OF ADOLESCENT PRIMARY BEHAVIOR DISORDERS WORKSHOP	COMMUNITY CENTER FOR UNMOTIVATED ADOLESCENTS SYS	120
MPICANCE DYNAMICS OF FORESTS IN CENTRAL ILLINOIS PLANT	COMMUNITY DYNAMICS INCLUDING SOIL RELATIONSHIPS	250
ATION IN LYGAERIDE DESERT PLANT - ARTHROPOD ASSOCIATIONS	COMMUNITY ECOLOGY ECOLOGICAL AND REPRODUCTIVE IS	119
SH SWIMBLADEPPS BRAIN STIMULATION IN TOADFISH SARGASSUM	COMMUNITY ECOLOGY FAUNAL VARIATION ON PELAGIC SA	218
POPULATION DYNAMICS OF Y. PERCH POPULATION BIOLOGY AND	COMMUNITY ECOLOGY IN FISHERIES RESEARCH; ZOOPLAN	353
REFUSE DISPOSAL, DEEPSEA, EFFECTS BENTHIC INVERTEBRATE	COMMUNITY ECOLOGY IN THE DEEP SEA ECOLOGY OF SUB	599
CETHERN HARDWOODS FOREST RADIATION SENSITIVITY OF BIRDS	COMMUNITY ECOLOGY OF TERRESTRIAL VERTEBRATES IN	706
SWAMP FILING AT CONSTRUCTION SITE PLANT POPULATION AND	COMMUNITY ECOLOGY ECOPHYSIOLOGY AND PLANT DISTR	298
RE WILLIAMSBURG ENVIRONMENTAL PRESCRIPTIONS RECREATIONAL	COMMUNITY ENVIRONMENTAL ANALYSIS SYSTEMS APPROA	255
LTH EFFECTS ON HUMANS CAUSED BY ENVIRONMENTAL POLLUTION	COMMUNITY ENVIRONMENTAL MANAGEMENT ENERGY COST A	745
FRESHWATER FISHES FISH PRODUCTION OF MULTI-SPECIES LAKE	COMMUNITY FISH DISTRIBUTION IN RELATION TO ACID	145
AND STATE GOVERNMENT ENVIRONMENTAL ACTION CATALYST FOR	COMMUNITY GOVERNMENT WATERSHED IMPROVEMENT LCWA	483
ENVIRONMENTAL PROTECTION ENVIRONMENTAL SYSTEMS ANALYSIS	COMMUNITY MODELING HEALTH EFFECTS OF ENERGY POLI	745
LUNGE EFFECTS ON NEW YORK BIGHT BENTHOS DEEP-SEA BENTHIC	COMMUNITY RESPIRATION ENERGETICS OF PELAGIE SARG	661
OF DAMAGED RIVERS PROTOZOAN COMMUNITY STRUCTURE AQUATIC	COMMUNITY RESPONSE TO POLLUTION RAPID BIOLOGICA	103
INFORMATION SYSTEMS RECOVERY OF DAMAGED RIVERS PROTOZOAN	COMMUNITY STRUCTURE AQUATIC COMMUNITY RESPONSE	103
DEVELOPMENT OF ETUARINE RESEARCH PROGRAMS EMPHASIZING	COMMUNITY STRUCTURE AND DYNAMICS ENVIRONMENTAL I	174
ITY SUCCESSION SMITH ISLAND A RESOURCE CAPABILITY STUDY	COMMUNITY SUCCESSION ON DREDGE ISLAND REPRODUCTI	534
TEBRATES SPECIAL REFERENCE TO HABITAT ASSOCIATIONS AND	COMMUNITY SUCCESSION SMITH ISLAND A RESOURCE CA	534
OCKY MOUNTAINS, COLORADO NATURAL AREA EVALUATION; PLANT	COMMUNITY; STROCTURE DIVERSITY PLANT POPULATIO	543
VE POPULATION CYTOGENE TICS OF VERTEBRATES BIOGEOGRAPHY	COMP. POP. CYTOGENETICS & EVOL. SCLEPORODS LIZAR	297
OMPENSATORY HYPERTROPHY DEVELOPMENT OF MAMMALIAN KIDNEY	COMPENSATORY HYPERTROPHY OF RAT KIDNEY GROWTH	593
N KIDNEY COMPENSATORY HYPERTROPHY OF RAT KIDNEY GROWTH	COMPENSATORY HYPERTROPHY DEVELOPMENT OF MAMMALI	593
P-STREAM ECOSYSTEMS SWAMP AND MARSH ECOSYSTEMS GREATEST	COMPETENCE IN CYBERESS-GUM SWAMP EFFECTS OF CHANN	713
STATE PANK, KPKUA LAKE, NY I HAVE A KEEN KNOWLEDGE AND	COMPETENCE IN GENERAL ECOLOGY WITH ACCENT IN ORN	400
THE BARBADOES & CROMBY STREAM ELECTRIC STATIONS GREATEST	COMPETENCE IN; AQUATIC ECOLOGY WITH A STRONG BAC	337
MY	COMPETENCE IS IN FISHERIES SCIENCE	596
REBTRIAL VERTEBRATE POPULATIONS LIZARD ECOLOGY SODIRREL	COMPETITION AND ECOLOGY ECOLOGICAL SURVEY OF TE	215
ULTURES CONTROL OF GERMAN COCKROACH WITH RECIPR. TRANSIC	COMPETITION BETWEEN BLACK AND WILD GERMAN COACKR	346
LOCATION OF SHAD SPANNING SITES CONNECTICUT RIVER FOOD	COMPETITION BETWEEN SHAD AND RESIDENT FISH SPECI	190
ORY DISTRIBUTIONAL ECOLOGY OF STREAM BENTHIC COMMUNITIES	COMPETITION IN CLADOCERAS SIZE STRATEGIES IN CL	10
B AND RESIDENT FISH SPECIES FOODS OF FISHES AND FEEDING	COMPETITION ON AN INTERSPECIFIC LEVEL LOCATION O	190
DUCTURE OF AQUATIC COMMUNITIES; DISTRIBUTIONAL PROCESSES	COMPETITION THEORY DISTRIBUTIONAL ECOLOGY OF STR	10
AND LIFE HISTORY OF VERTEBRATES ESP. BIRDS AND MAMMALS	COMPIIATION OF WILDLIFE IMPORTED IN US SYSTEMATIC	32
SOLID WASTE TECHNOLOGY ANALYSIS STUDY AND SOLUTION OF	COMPLEX ENVIRONMENTAL TECHNOLOGY PROBLEMS WATER	329
ID MINE DRAINAGE STREAM BIOLOGICAL EFFECTS OF INDUSTRIAL	COMPLEXES ON THE KANAWHA RIVER USE OF CRUDE BTOA	282
ISTRY RESEARCH ASSISTANT PHYTOPLANKTON	COMPOSITION AND DIVERSITY RELATIVE TO WATER CHEM	201
VARIATIONS IN MAJOR IONS MEMBRANE SALINOMETER SEA SALT	COMPOSITION AND VARIATION IN SEDIMENTS AND ESTUA	452
ECOLOGY AND GEOCHEMICAL SIGNIFICANCE OF DIATOMS ORGANIC	COMPOSITION OF DIATOM CELL WALLS PALEOLIMNOLOGY	320
IABILITY OF WEIGHT AND LENGTH IN CHANNEL CATFISH ORGANIC	COMPOSITION OF 22 SPECIES OF FRESHWATER FISHES S	574
ORGANISMS IN ESTUARY AQUATIC BACTERIA-CYCLING OF ORGANIC	COMPOUNDS DESCRIBING NUMBERS AND ACTIVITIES OF	336
SPERMAE PLANTS NATURAL PRODUCTS PHYTCHEMISTEY ORGANIC	COMPOUNDS IN A PENNSYLVANIA STREAM INDOLE ALKALO	417
ROCARBON AS BOULTRY MITICIDES EVALUATION OF ANTIMALARIAL	COMEOUNDS IN INF. MONKEYS ACUTE TOXICITY OF PES	394
F A HERBICIDE IN SOYBEANS ANALYSIS OF SYNTHETIC ORGANIC	COMEOUNDS IN THE MARINE ENVIRONMENT ADSORPTION C	309
OPUNATIONAL RELATED DELAYED HYPERSENSITIVITY TO RERVILIUM	COMPOUNDS THE EFFECT OF LUNG ANTIBODY ON EXPERIM	95
KS COUNTY LOCAL GOVERNMENT PLAN PHYSIOLOGICAL ECOLOGY &	COMPREHENSIVE ENVIRONMENTAL PLANNING SOLID WASTE	385
AGEMENT FOR GAMEBIRDS AND FARM GAME PLAINFIELD TOWNSHIP	COMPREHENSIVE PLAN REGIONAL SEWER & WATER PLAN U	670
ALGATION AND MANAGEMENT GENERAL AGRICULTURAL PRODUCTION	COMPREHENSIVE REVIEW OF RPERSEARCH - PLANT BREEDIN	338
METALS THROUGH ENVIRONMENT - CHEMICAL EFFECTS ISOTHERMAL	COMPRESSIBILITY OF SEAWATER TRACE METAL BASELINE	429
ING FOOD WATER ACTIVITY AND FOOD PRESERVATION REVERSIEP	COMPRESSION OF FOOD PRESERVATION OF FOOD WITHOU	79
ENTAL DIVISION MANAGER ENVIRONMENTAL ENGINEERING	COMPUTER APPLICATIONS & DATA PROCESSING ENVIRONM	187
AND COMPUTER SIMULATIONS ORDINATION OF PLANT COMMUNITIES	COMPUTER SIMULATION OF PLANT COMMUNITIES ORDINA	247
COMMUNITIES EFFECTS OF OPENING MUGU LAGOON TO THE PUBLIC	COMPUTER SIMULATION OF THE EFFECTS OF CLUMPING	547
PLANT COMMUNITIES ORDINATION OF PLANT COMMUNITIES AND	COMPUTER SIMULATIONS ORDINATION OF PLANT COMMUNI	247
TDIES OF CHEMIST BIOCHEMISTRY AND OCEANOGRAPHY DIGITAL	COMPUTER SYSTEMS ANALYSIS OF TECHNICAL INFORMATI	425
GICAL ASSESSMENT OF POWER PLANT OIL SPILL IMPACT STUDY	COMPUTERIZATION OF SEWAGE TREATMENT PLANTS ECOLO	153
EPTS OF OXYLAMINE ON SKIN CIRCULATION - TEMPERATURE AND	CONC. EFFECTS EFFECTS OF ENVIRONMENT ON PENETRAT	164
SPATIAL VARIATION OF ZOO. IN THE HUDSON ESTUARY FIELDRIN	CONC. IN THE TROPIC LEVELS OF A MARSH THE PACT	594
SUSPENSION-FEEDERS WATER CURRENT AND SCALLOP GROWTH FOOD	CONCENTRATION AND SCALLOP GROWTH AQUACULTURE OF	396
MODELING AND MONITORING OF A BAY EFFECTS OF POWER PLANT	CONDENSER PASSAGE BASLINE INVENTORY OF LAKE MICH	21
CAL AND ITS EVOLUTIONARY ASPECTS CHM. WORK GRP. 4 OF THE	CONF. ON GLOBAL ECOL. PROBLEMS TIE ADVISORY COUN	358

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TER ASSOCIATIONS IN SEAWATER ORGANIC MATTER IN SEA WATER	CONFORMATION OF ADSORBED PROTEINS ORGANIC MATTP	751
TIMAL PROGRAMS FOR BOTH PEOPLE AND ENVIRONMENTS NATIONAL	CONGRESS OPTIMUM POPULATION ENVIRONMENT SITE SEI	102
SURVEYING AND IDENTIFYING PONGI RESEARCH ASSISTANT IEP	CONIFEROUS FOREST BIOME	641
AMERICA MICROHABITAT SELECTION IN SMALL MAMMALS AT THE	CONIFEROUS-DECIDUOUS ECOTONE ECOLOGY OF SMALL MA	39P
ATION VEGETATION OF LATIN AMERICA TAXONOMY OF RAINFOREST	CONIFERS GEOGRAPHY OF VEGETATION SYSTEMS BOTH E	178
R CONN. ECOLOGICAL MONITORING PROGRAM STANFORD HARBOR	CONN. DEVELOPMENT OF ESTUARINE RESEARCH PROGRAM	174
OR CONN. ENVIRONMENTAL IMPACT STATEMENT - THAMES RIVER	CONN. EVALUATING ENVIRONMENTAL IMPACTS IN ESTUA	729
ONMENTAL IMPACT OF DREDGING DUMPING NEW HAVEN HARBOR	CONN. ECOLOGICAL MONITORING PROGRAM NEW HAVEN H	174
CONN. ECOLOGICAL MONITORING PROGRAM NEW HAVEN HARBOR	CONN. ECOLOGICAL MONITORING PROGRAM STANFORD HA	174
RIVER NEW YORK POWER PLANT ECOLOGY - NEW HAVEN HARBOR	CONN. ENVIRONMENTAL IMPACT STATEMENT - THAMES RI	729
UT RIVER ECOLOGICAL STUDY EFFECTS OF WATER DIVERSIONS IN	CONN. RIVER BENEFIT-COST ANALYSIS THERMAL POLLU	456
S. NEOTROPICAL ANGIOSPERM TAXONOMY; NE U.S. LOCAL FLORA;	CONN. TIDAL MARSHES STATE OF CONNECTICUT TIDAL W	424
ON BENTHIC FAUNA OCCURRENCE OF SYMBIOTIC CLADIUS EQUITANS IN	CONNECTICUT EFFECTS OF POLLUTION ON AQUATIC ECO	399
PORT HARBOR CONNECTICUT OLD OIL SPILL EFFECTS NORWALK	CONNECTICUT PHYSICAL OCEANOGRAPHY ESTUARINE HY	307
ECOLOGY OF MARINE ORGANISMS ECOLOGY OF MILLSTONE POINT	CONNECTICUT AREA ECOLOGY OF NEW HAVEN HARBOR HIS	333
LA. COASTAL WATERS THERMAL POLLUTION BRIDGEPORT HARBOR	CONNECTICUT OLD OIL SPILL EFFECTS NORWALK CONN	307
S AND PLANT PHYSIOLOGY RESEARCH ASSOCIATE UNIVERSITY OF	CONNECTICUT RESEARCH COLLABORATOR USFS HUBBARD	248
ERN HENLOCK IN DECIDUOUS FORESTS MANAGEMENT IMPACTS UPON	CONNECTICUT RIVER ECOLOGICAL MODELS - SIMULATIO	392
YEASTS SEWAGE EFFECT ON ESTUARIES THERMAL EFFECT ON THE	CONNECTICUT RIVER MARINE MICROBIOLOGY ECOLOGY A	91
CAL AND POLICY COMMITTEE FOR FISHERIES MANAGEMENT OF THE	CONNECTICUT RIVER BASIN PLANNING DESIGN AND CO	587
CHTHYOPANKTON THROUGH ADULT FISHES RESEARCH BIOLOGIST -	CONNECTICUT RIVER ECOLOGICAL STUDY EFFECTS OF WA	456
AN INTERSPECIFIC LEVEL LOCATION OF SHAD SPAWNING SITES	CONNECTICUT RIVER FOOD COMPETITION BETWEEN SHAD	190
SURVEY IN THERMAL PREDICTIVE STUDIES ECOLOGICAL STUDIES	CONNECTICUT RIVER HYDROGRAPHIC STUDY MAINE YANKE	689
ENVIRONMENTAL INSTIT INDUSTRIAL POLLUTION ABATEMENT COSTS	CONNECTICUT RIVER MARINE RESOURCE PLANNING LONG	471
SSOC. CONOWINGO MUDDY RUN PROJECT MASS COOP FISHERY UNIT	CONNECTICUT RIVER PROJECT LIFE HISTORY OF ANADR	226
ONOMY; NE U.S. LOCAL FLORA; CONN. TIDAL MARSHES STATE OF	CONNECTICUT TIDAL WETLANDS PRESERVATION PROGRAM	424
EPESIDENT'S WATER POLLUTION CONTROL ADVISORY BOARD REA	CONNECTICUT YANKEE ATOMIC POWER PLANT BIOLOGICA	137
IRE OF A TROPICAL PLANT-POLLINATOR SYSTEM SYSTEMATICS OF	CONOSTEGIO STRUCTURE AND DYNAMICS OF COMMUNITIE	627
ADROMOUS SPECIES AND OPERATION OF FISHWAYS ICHTHY ASSCC.	CONOWINGO MUDDY RUN PROJECT MASS COOP FISHERY UN	226
TO MILITARY MANAGEMENT OF FARM WILDLIFE-ADMINISTRATION	CONSERVATION PROGRAMS MANAGEMENT OF WILDLIFE ON	433
AVEI ANPAGADA ISLAND BRITISH VIRGIN ISLANDS ECOLOGY AND	CONSERVATION ATLITLAN GREVE ECOLOGY AND MANAG	407
ENES/WORLD BANK PARAGUAY/BRAZIL JOINT PARANA COMMISSION	CONSOLIDATED EDISON ECOLOGY; TROPICS; SOIL-PLAN	265
IMPACT PREDICTION FACILITY WAVE PREDICTION FOR SHORELINE	CONSTRUCTION OCEANOGRAPHY AND METEOROLOGY ACOU	569
ION VEGETATIVE SHORELINE PROTECTION VEGETATIVE FORPOND	CONSTRUCTION AND SHORELINE PROTECTION SAND STABI	900
ION OF THE CONNECTICUT RIVER BASIN PLANNING DESIGN AND	CONSTRUCTION OF ANADROMOUS FISH PASSAGE AND PROT	587
VALDATION OF OYSTER BEDS IN JAMES RIVER EFFECT OF HILLWA	CONSTRUCTION ON BOTTOMS EFFECT OF DREDGING ON OY	444
T BARTAN CENTER DREDGING PROJECT ROUND VALLEY RESERVOIR	CONSTRUCTION PROJECT RESEARCH TO DETERMINE ENVI	66
RESPONSE OF SALT MARSH GRASS EFFECTS OF SWAMP FILLING AT	CONSTRUCTION SITE PLANT POPULATION AND COMMUNIT	299
ADROMOUS FISH RESOURCES STREAM IMPROVEMENT AND FISHERY	CONSTRUCTION STRIPED BASS AND SHELTER FISHERY LI	201
ION AND SHORELINE PROTECTION SAND STABILIZATION FOREDRE	CONSTRUCTION VEGETATIVE SHORELINE PROTECTION VE	806
AL STUDY DELAWARE RIVER ESTUARY AQUATIC; THERMAL SEWAGE	CONSTRUCTION; FISHES MACROINVERTEBRATES AND TROP	193
IMENT PLANT PHYSIOLOGICAL ECOLOGY & POPULATION ECOLOGY	CONSOLIDATION FOR THE PURCHASE OF AIR PARTICULATE	477
LY ABANDONMENT AND DECAY ANTI STRIP MINING LEGISLATION -	CONSULTATION COAL MINING ASSOCIATED POLLUTION	930
TING NEPA STATEMENT - REVIEW OF NEPA STATEMENTS INFORMAL	CONSULTATION LIMNOLOGY - STREAM SYSTEM - WRITIN	227
PHERIES RESEARCH: ZOOPLANKTON-FISH INTERACTIONS IN PONES	CONSULTATION RESEARCH TESTING LIFE SCIENCES	235
AND FISH WORK SE STATES ANALYSIS OF WATEREOL PANI	CONSULTATION; ANALYZE IMPACT OF NUCLEAR POWER PL	383
GENERAL PEST MANAGEMENT EVAL LARVICIDAL BRIQUETTES FOR	CONSULTING ON USE OF QUANTITATIVE METHODS AND ST	348
ARIANT MANAGEMENT OF SOIL WATER FERTILIZER IN FIELD AND	CONT. MOSQUITOES	645
AM POLLUTION IDENTIFICATION OF PAPER MILL WASTES FIBROUS	CONTAINER CROP PRODUCTION PLANT WATER STUDIES PR	179
ING MICROBIAL HAZARDS BIOMEDICAL ENVIRONMENTS MICROBIAL	CONTAMINANTS IN AIR PLANT MORPHOLOGY AND TEXTIL	263
POLLUTION; WATER POLLUTION; BACT. ORGANIC AND SEDIME	CONTAMINATION CONTROL OF CLOSED ENVIRONMENTS & P	402
TTERS PLANKTON ECOLOGY IN THE ESTUARY HETEROTROPHY ON THE	CONTAMINATION OF WATER SEDIMENTATION & HYDROLOGY	698
SUBARCTIC STREAMS DISTRIBUTION CE LEAD IN LENTIC WATERS	CONTINENTAL SHPLE NEUTRON ACTIVATION ANALYSIS OF	812
GY AND MANAGEMENT RESEARCH AND ADMINISTRATION OIL SPILL	CONTINGENCY PLAN FOR SUMMIT & PAXSON LAKES LINN	616
GE OF NUTRIENTS ENERGY FLOW THROUGH SOIL-PLANT-ATMOSPHE	CONTINGENCY PLAN FOR WILDLIFE WETLAND HABITAT TE	200
ROGY OF HABLOSPORIDANS ULTRASTRUCTURE OF JELLYFISH MDSCLE	CONTINUUM THERMAL POLLUTION DISPOSING WASTE HEAT	474
ND PHYSIOLOGICAL EMBRYOLOGY OF VERTEBRATES COLLEGE LABOR	CONTRACTION CELL BIOLOGY OF MASSIVE PROTOZOA AN	544
NATURAL ENEMIPIS OF INTRODUCED INSECT PESTS (BIOLOGICAL	CONTRACTS FOR TEACHERS AND PARAPROFESSIONALS NHC	120
POLICY FOR CT PESTICIDE CONTROL LEGISLATION FOR CT PEST	CONTROL) SEARCH FOR AND IMPORTATION OF PARASITES	200
DRIN CONC. IN TRE TROPHIC LEVELS OF A MAPSH THE FACTORS	CONTROL; URBAN VERMIN CONTROL CLAY HILL VERMIN C	280
UNITIES SURVEY OF MONTSWEAG BAY RE: NUCLEAR POWER PLANT	CONTROLLING THE SPATIAL AND TEMPORAL DISTRIBUTION	594
E EFFECTS UPON EARLY LIFE HISTORY OF LEPOMIS MACROCHIRUS	CONTROLLED EROSION IN MONTSWEAG BAY EFFECTS OF D	181
CHEMICAL, MECHANICAL CHEMICAL AREINOGENESIS MECHANISMS	CONTROLLED SPAWNING OF FRESH WATER/MARINE TELBO	176
RACE T SELECTIVE INHIBITION OF SPORULATION MEASURES OF	CONTROLLING ORGAN GROWTH IN MAMMALS MECHANISM OF	20
GANISM FACTORS	CONTROLLING PLANT DISEASES WRITING BOOK-CHEMIST	442
ECTS OF ABSORPTION FOLIAR FERTILIZATION ION STIM. ATBASE	CONTROLLING THE DISTRIBUTION AND ABUNDANCE OF OR	399
STATEMENT DVC LIG. BOT. RESODRCE RECYCLING	CONTRULET NA AND K UPTAKE IN PLANTS DVEL. FOLIA	510
SH TOXICITY IN ALASKAN WATERS BIOLOGICAL PRODUCTIVITY IN	CONVERSION OF WASTE TO FUEL GAS ENVIRONMENTAL IM	207
OIL EVALUATION OF CLIMATE CROP INTERACTIONS EVAPORATIVE	COOK INLET ALASKA VITAMINS IN AQUATIC SYSTEMS. A	507
FISHWAYS ICHTHY ASSOC. CONOWINGO MUDDY RUN PROJECT MA S	A COOLING OF RORT. CROPS VEGETABLE PLANT POPULATIO	609
ISLAND FLORA THE PLOPA OF LONG ISLAND THE MARSHES OF THE	COOP FISHERY UNIT CONNECTICUT RIVER PROJECT LIFE	226
ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTILIZATION	COOPER RIVER ESTUARY ENVIRONMENTAL IMPACT STUDIE	687
REPORT OF THE NORTH CAROLINA STATE FOREST FERTILIZATION	COOPERATIVE FOREST FERTILIZATION AND WEIGHT QUA	608
RANCE RECOMMENDATIONS FOR AID IN AGRICULTURE DEV. NIGER	COOPERATIVE FOREST SOILS AND FERTILIZATION FIRS	293
ISE OF QUANTITATIVE METHODS AND STATISTICS IN ECOLOGICAL	COOPERATIVE DEVELOPMENT OF OPTIMAL PROGRAMS FOR	100
ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTILIZATION	COOPERATIVE MOURNING DOVE STUDY STATISTICS IN GA	318
REPORT OF THE NORTH CAROLINA STATE FOREST FERTILIZATION	COOPERATIVE SECOND ANNUAL REPORT NORTH CAROLINA	608
ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTILIZATION	COOPERATIVE SECOND ANNUAL REPORT OF THE NORTH CA	293
REPORT OF THE NORTH CAROLINA STATE FOREST FERTILIZATION	COOPERATIVE THIRD ANNUAL REPORT NORTH CAROLINA S	608
DISTRIBUTION COPEPDA FJORD-LIKE BASIN DEEP-WATER CYCLOPID	COOPERATIVE THIRD ANNUAL REPORT OF THE NORTH CAR	29
P, ALASKA SYSTEMATICS AND ECOLOGY OF FREE-LIVING MARINE	COPEPDA GULF ALASKA SYSTEMATICS AND ECOLOGY O	170
-LIVING MARINE COPEPDA REVIEW OF SPINOCALANIDAE ARCTIC	COPEPDA REVIEW OF SPINOCALANIDAE ARCTIC COPEPO	170
OF SPINOCALANIDAE ARCTIC COPEPDA VERTICAL DISTRIBUTION	COPEPDA VERTICAL DISTRIBUTION COPEPDA FJORD-LI	170
L WATER QUALITY MONITORING NETWORK VERTICAL DISTRIBUTION	COPEPDA FJORD-LIKE BASIN DEEP-WATER CYCLOPID	170
	COPEPODS - ARCTIC OCEAN MARINE WATER QUALITY MA	348

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

RY PRODUCTIVITY ESPECIALLY CRUSTACEAN FEEDING FEEDING CP	COPEPODS IN CHESAPEAKE BAY	SECONDA	701
INF. MONKEYS ACUTE TOXICITY OF PESTICIDES TO ESTUR.	COPEPODS SCREENING OF SAT. HYDROCARBON AS PDLTR		394
TUBE DISTRIBUTION AND CYTOLOGY OF AQUATIC MICROORGANISMS	COPPER TOLERANCE IN ALGAE FUNGUS INHIBITION BY W		584
YSIOLOGY OF MARINE INVERTEBRATES OIL EFFECTS ON MOLLUSCS	COPPER WASTES IN MARINE ENVIRONMENT IODIDES IN C		449
ARFISH PREDATION AND ITS EFFECT ON CORAL REEFS CARIBBEAN	CORAL REEF STRUCTURE AND DIVERSITY BIOLOGY OF N		557
AMA SEA-LEVEL CANAL STARFISH PREDATION AND ITS EFFECT CN	CORAL REEFS CARIBBEAN CORAL REEF STRUCTURE AND D		557
ITROGEN CYCLE IN SHALLOW MARINE WATERS NITROGEN CYCLE CN	CORAL REEFS CONTROL OF CHESAPEAKE BAY JELLYFISH		760
XIDE SYSTEM DIFFUSION FROM SEDIMENTS NUTRIENT STUDIES CN	CORAL REEFS MARINE MAMMALS FROM CAPE COD TO CAPE		551
CARIBBEAN CORAL REEF STRUCTURE AND DIVERSITY BIOLOGY CP	CORAL REEFS; THEORETICAL ECOLOGY; BIOGEOGRAPHY		567
SEA GRANT	CORALS PROGRAM MANAGEMENT AND DEVELOPMENT - NYS		682
ECOLOGY AND SYSTEMATICS OF DEEP SEA	CORN	D	357
DEVELOPMENT TESTING OF INERED LINES AND HYBRIDS CE FIELD	CORN PHYSIOLOGICAL GENETICS OF PEST RESISTANCE		272
O H. MAYDIS PHYSIOLOGICAL GENETICS OF PEST RESISTANCE IN	CORN RESISTANCE OF CORN TO H. MAYDIS PHYSIOLOGIC		272
CS OF PEST RESISTANCE IN PLANTS PEST RESISTANCE IN SWEET	CORN TO H. MAYDIS PHYSIOLOGICAL GENETICS OF PEST		272
CE IN PLANTS PEST RESISTANCE IN SWEET CORN RESISTANCE CP	CORNEA RETINA AND SKIN		304
PEFFECT OF LASERS CN	CORNING GLASS WORKS EFFECTS OF GLASS PLANT EFFLU		619
POPULATION DYNAMICS OF SALMONIDS AND MACROINVERTEBRATES	CORNUS PLANT MORPHOLOGY SYSTEMATICS EMBRYOLOGICA		657
US QUALITY AND QUANTITY STUDY WITH STATISTIC ANALYSIS CP	CORNUS QUALITY AND QUANTITY STUDY WITH STATISTIC		657
SYSTEMATICS EMBRYOLOGICAL STUDY OF POPULATION OF SOUTHEAST	CORPORATION WATERSHED MONITORING SYSTEM - WATER		212
TION AND ENERGY PALANCE DEVELOPMENT OF MARSH HABITAT (CR	CORPS WATER WAY PROJECTS STATE PLAN FOR ENVIRONM		270
CIATION); ENVIRONMENTAL IMPACT STATEMENT DEVELOPMENT ARMY	CORRELATIONS BETWEEN ENV. VARIABLES AND MIGRATIO		555
ICAL- BIOL.) DREDGE SPOIL DISPOSAL IN RHODE ISLAND SOUND	CORRIDOR WILDLIFE EVALUATION DRAFT E.I.S. FOR H		575
I TERRESTRIAL & WETLAND EVALUATION FOR TRANSMISSION LINE	CORROSION SOLID WASTE DISPOSAL AIR POLLUTION		45
PLASTICS STUDIES ON SOLID WASTE DISPOSAL AND INCINERATOR	CORROSION AND SCALE INHIBITORS POLYELECTROLYTES		794
FLOCCULANTS FOR INDUSTRIAL AND MUNICIPAL SEWAGE SLUDGES	CORTICOSTEROIDS ADMINISTERED TO NEWBORN RATS ENV		717
RY ECOLOGICAL SURVEY OF C & D CANAL LONG-TERM EFFECTS (F	COST AND ENVIRONMENTAL PROTECTION ENVIRONMENTAL		785
TAL POLLUTION COMMUNITY ENVIRONMENTAL MANAGEMENT ENERGY	COSTA RICA TREE IDENTIFICATION FOREST SURVEY MW		438
NE NICARAGUA PROFESSIONAL TREE IDENTIFICATION TURTRALBA	COSTS OF POWER POLLUTION CONTROL AIR NOISE AN		474
FROM WASTE WOOD RECYCLING ADVICE TO AN ALUMINUM PRODUCER	COSTS CONNECTICUT RIVER MARINE RESOURCE PLANNIN		471
IC ENVIRONMENTAL INSTIT INDUSTRIAL POLLUTION ABATEMENT	COTTONTAILS IN S. ONTARIO WOODLOT FLORIDA CREEL		462
HODOLOGY TO ECOLOGICAL PROBLEMS HIBERNAL DISTRIBUTION CP	COUNTER COUNTER TO ASSESS ZOOPLANKTON GRAZING; L		126
T SIZES UNPALATIBILITY OF BUTTERFLIES TO BIRDS USE OF A	NATURAL AREAS ADVISRY		52
KEY RE-ESTABLISHMENT TECHNIQUES MANUAL ATLANTIC ELFWAY	COUNCIL CANADA GOOSE ESTABLISHMENT ORNITHOLOGY		223
RP. 4 OF THE CONF. ON GLOBAL ECOL. PROBLEMS TIE ADVISORY	COUNCIL FOR URBAN ECOSYSTEMS STUDIES STEERING CO		358
AGRIBUSINESS MANAGEMENT "THE AGRIBUSINESS	COUNCIL INC.		105
SSION CONSULTANT & EMPLOYEE - WISCONSIN SCIENTIFIC AREA	COUNCIL SURVEY. FOREST STRUCTURE & DYNAMICS RO		543
THERMAL POLLUTION AND PHYTOPLANKTON	COUNT AND IDENTIFY MARINE PHYTOPLANKTON		109
UNPALATIBILITY OF BUTTERFLIES TO BIRDS USE OF A COULTER	COUNTER TO ASSESS ZOOPLANKTON GRAZING; LAKE BIOL		126
P MARINE ORGANISMS MARINE WETLANDS OF SUFFOLK AND NASSAU	COUNTIES AQUACULTURE FOR LONG ISLAND ABNORMALITI		721
N COURSES - COLLEGE LEVEL RECREATION & OUTDOOR EDUCATION	COURSES RESEARCH IN BIRD POPULATIONS - THESIS R		292
ENCE LABORATORY FOR HIGH SCHOOLS ENVIRONMENTAL EDUCATION	COURSES - COLLEGE LEVEL RECREATION & OUTDOOR EDU		292
EROSION CONTROL IN WATER	COURSES AND SLOPES IN URBAN DEVELOPMENT AREAS		764
BY OF SOUTHAMPTON TOWN NEW YORK EFFECTS OF TIDE GATES ON	COVE ESTUARY CT PLANT ECOLOGY OF MARINE WETLAN		675
STUDIES DREDGING THAMES RIVER CT BLASTING IMPACT MARINE	COVE INLAND WETLANDS BILL ORGANIZATION AND MANA		80
NA AND PLANKTONIC PRIMARY PRODUCTION AND MINERAL CYCLING	COVE POINT BENTHIC STUDY EFFECTS OF THERMAL LOAD		300
LIZATION ON FISH POPULATIONS THE RELATIONSHIP OF VARIOUS	COVER TYPES TO FISH POPULATION FISH POPULATIONS		713
MYCOLOGY NANNOPLANKTON - DIATOM STUDY OF MAINE ESTUARIES	CRAB RESOURCES OF MAINE AQUACULTURE POTENTIAL FO		583
ITH MARINE ORGANISMS PHYSIOLOGICAL RESPONSE OF ESTUARINE	CRAB TO CADMIUM TOXIC EFFECTS OF HEAVY METALS TO		140
METALS TO OYSTER EMBRYOS PHYSIOLOGICAL RESPONSE OF GREEN	CRAB TO METALS HEAVY METAL BIOASSAY WITH MARINE		140
VIROIMENTAL ASSESSMENT OF BRUNSWICK BEACHES ENV. ASS. CP	CRABTREE CREEK FLOOD CONTROL PROJECT ECOLOGY AN		734
ERATION CLEARWATER LIFE HISTORIES OF FRESH-WATER FISHES	CRANDERRY LAKE WATER QUALITY SURVEY FIRST-YEAR G		211
N ECOLOGY IMPACT STUDIES ON COASTAL AND ESTUARINE BICTA	CRANEY ISLAND ENVIRONMENTAL STUDY FAUNAL AND FLO		459
IOLGY AS PERTAINING TO SPORT FISHERY DIGESTION IN BLACK	CRAPPIE PREDATOR FISH INTRODUCTIONS IN RESERVOIR		61
AL DISTRIBUTION CP ZOOPLANKTON THE EFFECT OF MALTHION CN	CRAYFISH RESPIRATION TEMPORAL & SPATIAL VARIATIO		594
AQUATIC ENTOMOLOGY POLLUTION OF UPPER TCHAWANDA	CREEK		455
AL ASSESSMENT OF BRUNSWICK PEACHES ENV. ASS. OF CRABTREE	CREEK FLOOD CONTROL PROJECT ECOLOGY AND POPULAT		734
AM - ENV. IMPACT STATEMENT ENVIRONMENTAL ANALYSIS OF SALT	CREEK LAKE SCOPE & STUDY PLAN PLANNING AND DIRE		407
ATER ESTUARINE AND SHALLOW WATER MARINE FISHES OLDMANS	CREEK MARSH STUDY COMPARATIVE BIOSYSTEMATIC STUD		233
IN RELATION TO ACID MINE DRAINAGE FISHERY SURVEY OF PINE	CREEK WATERSHED ECOLOGY OF FRESHWATER FISHES PI		145
OF MD SECTOR OF PAINT BR. VACT & CHEM STUDY OF THE ROCK	CREEK WATERSHED ENVIR. POLLUTION; WATER POLLUTI		688
OF SMITH MOUNTAIN LAKE VA. BIOLOGICAL SURVEY OF PETERS	CREEK VA. WATER POLLUTION STUDY ON THE SHENANDO		324
ISTRIBUTION OF COTTONTAILS IN S. ONTARIO WOODLOT FLORIDA	CREEL SURVEY PROGRAM NONLINEAR ESTIMATION BY PAR		462
TRIC SPECIES AMPHIBIANS COMPARATIVE ECOLOGY OF SYMPATRIC	CRICKET FROGS NEW TURTLE FOR WEST VIRGINIA COMPA		47
MENTAL STUDIES ASSESSMENT AND EVALUATION WATER QUALITY	CRITERIA 1972 TELL EL HESI ARCHEOLOGICAL PROJECT		588
ETICAL MODELS OF PLANKTON-ALGAE FOOD CHAIN WATER QUALITY	CRITERIA LAKE RESTORATION WATER QUALITY CRITER		75
WATER QUALITY CRITERIA, LAKE RESTORATION WATER QUALITY	CRITERIA; PLANKTON POPULATION MODELING; FIELD OR		75
QUALITY CRITERIA 1972 TELL EL HESI ARCHEOLOGICAL PROJECT	CRITICAL PROBLEMS OF THE COASTAL ZONE ENVIRONME		588
THE SCHUYLKILL RIVER IN THE VICINITY OF THE BARBADOES &	CROMBY STREAM ELECTRIC STATIONS GREATEST COMPETE		337
STE HEAT TO SOIL REVEGETATION OF SPOIL AND REPOSE BANKS	CROP ECOLOGY AND PHYSIOLOGY ECOSYSTEMS PRODUCTI		474
THERMAL WASTE IN HEATING THE SOIL EVALUATION OF CLIMATE	CROP INTERACTIONS EVAPORATIVE COOLING OF HORT. C		609
EMENT OF SOIL WATER FERTILIZER IN FIELD AND CONTAINER	CROP PRODUCTION PLANT WATER STUDIES PRESERVATION		179
LIZERS AND MANURE ON SOILS AND CROPS SOIL FERTILITY AND	CROP PRODUCTION RESEARCH IN LIMING FERTILIZERS		765
INSECT ASSOCIATIONS DIVERSITY AND STABILITY OF TROPICAL	CROP SYSTEMS INFLUENCE OF VEGETATION DIVERSITY O		595
HERBICIDES ON QUACKGRASS USE OF HERBICIDES IN ORNAMENTAL	CROP USE OF HERBICIDES AROUND MILITARY INSTALLAT		419
L IN FOREST SYSTEM ANALYSIS OF AGRICULTURAL CHEMICALS IN	CROFS ENVIRONMENTAL IMPACT OF PESTICIDES IN FOR		786
AKE IN PLANTS DEVEL. FOLIAR ANALYSIS PROG. FOR FLORISTS'	CROFS PLANT NUTRITION INCLUDING BIOCHEMICAL AS		510
ALGAE CONTROL IN LAKES AND PONDS HERBICIDES IN SOD PLANT	CROFS RESEARCH OF AGRICULTURAL CHEMICALS AND IN		68
R QUALITY EFFECTS OF FERTILIZERS AND MANURE ON SOILS AND	CROFS SOIL FERTILITY AND CROP PRODUCTION RESEAR		765
TRANSMISSION CONTROL OF BIRD DEPREEDATION ON AGRICULTURAL	CROFS VERTEBRATE ECOLOGY - EVOLUTIONARY PHYSIOL		101
LLELS FOR ORCHARD GRASS GENETICS AND BREEDING OF FORAGE	CROFS AND OTHER SPECIES COMPLETE AND PARTIAL DIA		492
SOIL FORMATION EFFECTS OF HIGH MANURE RATES ON SOILS AND	CRFES EFFECT OF LAND USE ON WATER QUALITY EFFECT		765
WITH TURFGRASSES AGRONOMY - TURFGRASS MANAGEMENT FORAGE	CROFS MANAGEMENT DROUGHT COLD SHADE AND WEAR ST		798
P CLIMATE CROP INTERACTIONS EVAPORATIVE COOLING OF HORT.	CROFS VEGETABLE PLANT POPULATIONS THERMAL WASTE		609
ID OUTBREAKS POPULATION DYNAMICS OF INSECTS ECOLOGY CP	CROFS TROPICAL INSECT ASSOCIATIONS DIVERSITY AN		595
S OF STRAWBERRY & THEIR CONTROL DISEASES OF SMALL FRUIT	CROFS; PHYTOPHTHORA & BOTRYTIS PHYSIOLOGY & DISE		446

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

DATIC BIOLOGY DIVISION OF FISHERY RESEARCH BRANCH CHIEF	CROSS-FLORIDA BARGE CANAL INVESTIGATION FISHERY	749
GING SUNNY POINT MARINE OPENING TERMINAL BRIDGE-TUNNEL	CROSSING HAMPTON ROADS DREDGE AND FILL PINE KNOL	194
R OF AMERICAN CHAMELEON ENDOCRINOLOGY OF COLOR CHANGE IN	CROTAPHYTUS HABENULAR LESIONS AND GNAWING IN RAT	148
YSIS DECIDUOUS FOREST ECOSYSTEM FOREST TREE ROOT SYSTEMS	CROWN STEM RELATIONSHIPS IN FOREST TREES ANALYS	702
ECTS OF INDUSTRIAL COMPLEXES ON THE KANAWHA RIVER USE OF	CRUDE BIOMASS TECHNIQUE IN ENDRIN POISONING OF	282
E ORGANISMS TOXICOLOGY OF SYNDETS AND NTA TO MARINE LIFE	CRUDE OIL TOXICITY IN RED SEA PHYSIOLOGICAL EFF	205
IL TOXICITY IN RED SEA PHYSIOLOGICAL EFFECTS OF METALS	CRUDE OIL INSPECTICIDES SYNDETS TO MARINE LIFE	205
EAKE BAY SECONDARY PRODUCTIVITY ESPECIALLY	CRUSTACEAN FEEDING FEEDING OF COPEPODS IN CHESAP	701
POTENTIAL FILL SITES SYSTEMATICS AND ECOLOGY OF DECAPOD	CRUSTACEANS DECAPOD FAUNAL DIVERSITY IN SPARTINA	59
RINE ECOLOGY MARINE AMPHIPOD CRUSTACEANS MARINE AMPHIPOD	CRUSTACEANS ECOLOGICAL SIGNIFICANCE OF COASTAL W	159
SHALLOW WATER MARINE & ESTUARINE ECOLOGY MARINE AMPHIPOD	CRUSTACEANS MARINE AMPHIPOD CRUSTACEANS ECOLOGIC	159
RY BIOLOGY OF PLANKTONIC MARINE	CRUSTACEANS ZOOPLANKTON SURVEY OF SEABROOK ESTUA	771
ALITY AND QUANTITY ON ANIMALS (MAINLY MOLLUSKS INSECTS	CRUSTACEANS FISH) ENVIRONMENTAL SPECIALIST EFF	161
ONMENTAL POLYMER PESTICIDE CONTROL LEGISLATION FOR	CT PEST CONTROL: URBAN VERMIN CONTROL CLAY HILL	384
TON TOWN NEW YORK EFFECTS OF TIDE GATES ON COVE ESTUARY	CT PLANT ECOLOGY OF MARINE WETLANDS FIFTY YEAR	677
NT OF ENVIRONMENTAL FIELD STUDIES DREDGING THAMES RIVER	CT BLASTING IMPACT MARINE COVE INLAND WETLANDS B	80
CONTROL PROJECT GOV. COM/DEVELOP ENVIRONMENTAL POLICY FOR	CT PESTICIDE CONTROL LEGISLATION FOR CT PEST CO	389
OD COM/POL STUDY FAUNAL RESOURCES OF OKWARI PARK SITE MY	CT. NY BEHAVIORAL ECOLOGIST UPPER TROPHIC LEVEL	13
GY AND SYSTEMATICS OF SQUAMATE REPTILES HERPETOFAUNA OF	CUATRO CINEGAS BASIN MEXICO ECOLOGY OF CNEMIDOP	644
QUITOES HORMONOMICETIC INSECTICIDES BIONOMICS OF NATURAL	CULEX PIPES POPULATIONS REPRODUCTION OF MOSQUITO	680
LOGY ESPECIALLY PARASITIC INSECTS CARRION INSECT ECOLOGY	CULEX SPP. DIAPAUSE & GEOGRAPHIC DISTRIBUTION I	373
ECT OF CHANNELIZATION ON FISHES AND THEIR HABITAT OYSTER	CULTCH LIMNOLOGICAL STUDY OF PONTANA RESERVOIR	411
WERING PLANTS - WILD AND CULTIVATED TAXONOMIC STUDIES OF	CULTIVATED PLANTS SYSTEMATICS OF FLO	47
C SYSTEMS FOR CULTIVATION OF PARASITES AND INVERTEBRATES	CULTIVATION OF MALARIA DESIGN AND OPERATION OF	724
OF MALARIA DESIGN AND OPERATION OF DYNAMIC SYSTEMS EXP	CULTIVATION OF PARASITES AND INVERTEBRATES CULTI	729
NTS - AIR - NOISE - MICROCLIMATE INTERACTIONS WILD SHRUB	CULTIVATION SONGBIRD ATTRACTION INTEGRATED METHO	186
IODABENZOFIC ACID ON SOYBEANS ENVIRONMENTAL FACTORS AND	CULTURAL PRACTICES EFFECTING THE SOYBEAN PLANT I	127
TIBILITY OF RED CLOVER FORAGE LEGUMES SOYBEAN BREEDING &	CULTURE PLANT BREEDING PSEUDO-SELF-COMPA	423
INHIBITOR OF RNA SYNTHESIS MAMMALIAN CELL CULTURE CELL	CULTURE ASSAY OF WATER POLLUTANTS ELECTRON MICRO	219
OPY OF VIRUSES INHIBITOR OF RNA SYNTHESIS MAMMALIAN CELL	CULTURE CELL CULTURE ASSAY OF WATER POLLUTANTS E	219
GUS INHIBITION BY WOOD EXTRACTS FUNGUS INVASION OF WOOD	CULTURE DISTRIBUTION AND CYTOLOGY OF AQUATIC MIC	480
TURE FOR LONG ISLAND ABNORMALITIES IN BIVALVE SHELLFISH	CULTURE OF MARINE ORGANISMS MARINE WETLANDS OF S	721
CANKER OF MAPLE APPLICATION OF ECOLOGY TO FOREST STAND	CULTURE SOIL-SITE EVALUATION FOR HARDWOOD SPECIF	754
IOLOGICAL CONTROL POP. BIOL. OF GERMAN COCKROACH IN LAB.	CULTURES CONTROL OF GERMAN COCKROACH WITH RECIP	314
ENVIRONMENTAL PROBLEMS PROJECT DESIGN TO SOLVE PROBLEMS	CURSAW LAKE FLOOD CONTROL PROJECT BARITAN CENTER	66
ROCARBONS IN MARINE ECOSYSTEM DDT RESIDUES IN CALIFORNIA	CURRENT CHLORINATED HYD	154
P GROWTH AQUACULTURE OF MARINE SUSPENSION-FEEDERS WATER	CURRENT AND SCALLOP GROWTH FOOD CONCENTRATION AN	396
QUANTITATIVE ECOLOGY OF NORTH ATLANTIC FLOPA BOTTOM WATER	CURRENTS IN N.Y. BIGHT MARINE PHYTOPLANKTON EC	591
MARINE ENVIRONMENTAL STUDIES	CURRENTS OFF THE SOUTH SHORE OF LONG ISLAND NY	50
S SYSTEMATICS OF FLOWERING PLANTS - WILD AND	CULTIVATED TAXONOMIC STUDIES OF CULTIVATED PLANT	42
OF ENVIRONMENTAL MODIFICATION ON WILDLIFE HABITAT TIMBER	CUTTING EFFECTS ON WILDLIFE HABITAT FOOD HABITS	158
OAKS FOREST SOIL WATER RELATIONS REGENERATION FOLLOWING	CUTTING IN MIXED OAK NET PRECIPITATION IN MIXED	81
LIFE POPULATIONS AND FOOD HABITS OF UNGLACIATED EFFECTS OF	CUTTING ON DEER FOOD PRODUCTION RATES SATEW R1	304
ROGRAM OCEAN ACRE PROJECT SYSTEMATICS AND ZOOLOG. OF AL	CYANIDS GROUP SYSTEMATIC ICHTHYOLOGY MEDITERRAN	244
MIN. OF RESEARCH AND OTHER PROGRAMS YEAST IN CLOSED FOOD	CYCLES AD	124
RODENTS GENETICS OF MOUSE POPULATION CYCLES POPULATION	CYCLES IN RATS MOUSE DEMOGRAPHY ON ISLANDS POPU	711
LOGY AND GENETICS OF RODENTS GENETICS OF MOUSE POPULATION	CYCLES POPULATION CYCLES IN RATS MOUSE DEMOGRAPH	711
INTERACTIONS SEWAGE SLUDGE DISPOSAL ON THE LAND MINERAL	CYCLING & WASTE DISPOSAL WASTEWATER IRRIGATION	172
ETIOGEOCHEMICAL	CYCLING AND PLANT DISTRIBUTION	741
IC INFADNA AND PLANKTONIC PRIMARY PRODUCTION AND MINERAL	CYCLING CORE POINT BENTHIC STUDY EFFECTS OF THER	301
ANKTON DECOMPOSITION ANAEROBIC WATER SYSTEMS TRACE METAL	CYCLING DURING DREDGING MID-ATLANTIC COASTAL ATM	71
YTOPLANKTON TAXONOMY AND ECOLOGY AND ITS ROLE IN MINERAL	CYCLING ECOLOGY AND GEOCHEMICAL SIGNIFICANCE OF	327
L ECOLOGY OF ALGAE AND VASCULAR AQUATIC PLANTS - MINERAL	CYCLING ESTABLISH HIGH WATER MARK IN RIVERBANK V	309
TH LAND USE PLANNING - ENVIRONMENTAL MANAGEMENT NUTRIENT	CYCLING IN FOREST ECOSYSTEM LAND USE IN RELATIO	379
R 48 MOSQUITO CONTROL DITCHES IN SALT MARSHES PHOSPHORUS	CYCLING IN NATURAL MARINE AND ESTUARINE SYSTEMS	41
SURVEY FAIRMONT PARK PHILADELPHIA PATTERNS OF NUTRIENT	CYCLING MOUNTAIN ECOSYSTEMS SOIL SURVEY FOR US	301
STE DISPOSAL WASTEWATER IRRIGATION AND DISPOSAL NUTRIENT	CYCLING-STREAM-SOIL INTERACTIONS SEWAGE SLUDGE D	192
TICAL DISTRIBUTION COPEPODA FJORD-LIKE BASIN DEEP-WATER	CYCIPOD COPEPODA GULF ALASKA SYSTEMATICS AND	111
R POWER DIATOM COMMUNITY ANALYSES - CEDAR BOG THE DELTA	CYMBELLA CISTIOLA DIATOM COMMUNITY ANALYSIS; ALG	317
ARINE PLANTS OF RIVERS NEAR PHILADELPHIA SYSTEMATIC OF	CYPERACEAE SYSTEMATIC LEAF MATCHY OF FULBUSHES	628
STEMS SWAMP AND MARSH ECOSYSTEMS GREATEST COMPETENCE IN	CYPRESS-GUM SWAMP EFFECTS OF CHANNELIZATION ON F	713
ASPECTS OF DEVELOPMENT	CYTOCHEMISTRY OF CHROMOSOMAL ACTIVITY; CHEMICAL	601
L SCALOPORUS LIZARDS EVOLUTION COMPARATIVE POPULATIO	CYTOGENETICS OF VERTEBRATES BIOGEOGRAPHY COM	297
PHASIS ON MAMMAL POPULATIONS VERTEBRATE WATERSHED SURVEY	CYTOGENETIC ANALYSIS OF CHROMOSOME ANALYSIS REPE	781
S AND CHEMICALS TERATOGENIC EFFECTS OF 2 4 5-T IN GERBIL	CYTOGENETIC EFFECTS OF 2 4 5-T IN GERBIL 2 4 5-T	450
4,5-T EFFECTS ON PLANT GROWTH AND DEVELOPMENT GENETICS	CYTOGENETICAL EFFECTS OF HEPERIBUS AND CHEMICAL	450
ON CYTOGENETICS OF VERTEBRATES BIOGEOGRAPHY COM. I	CYTOGENETICS & EVOL. SCALOPORUS LIZARDS EVOLU	297
IVE PATTERN IN WILD MICE EXPERIMENTAL TEST. ECOLOGY AND	CYTOGENETICS WITH EMPHASIS ON MAMMAL POPULATIONS	781
DUCTIVE MORPHOLOGY AND EFFICIENCY OF PEANUT VARIATION	CYTOGENETICS GENETICS AND EVOLUTION OF NATURAL	671
GY OF PLANT GROWTH REGULATORS - PARTICULARLY AUXINS AND	CYTOKININS INHIBITORS OF AUXIN TRANSPORT PHYSIO	715
TRACTS FUNGUS INVASION OF WOOD CULTURE DISTRIBUTION AND	CYTOLOGY OF AQUATIC MICROORGANISMS COPEPOD	411
BRYOLOGY LICHENOLOGY	CYTOLOGY SPHAGNUM TAXONOMY & ECOLOGY	41
ATION OF STRIPED BASS POP. EFFECTS OF ENLARGEMENT OF &	D CANAL ANALYSIS OF ENVIRONMENTAL EFFECTS ON R	824
STORM LINES ON DELAWARE ESTUARY ECOLOGICAL SURVEY OF	D CANAL LONG-TERM EFFECTS OF CORTICOSTEROIDS ADM	717
SEDIMENTS AQUATIC ENVIRONMENT OF EMERALD GREEN - N.Y. COVE	D.E.C. HEARING EDGEWOOD LAKES NYS-DE. RESERV. B	111
IN IN N.E. CO. LIFE HISTORY OF THE EMERALD SHINER FISH	DARK. W. RES. QUALITY IN ESTUARINE INFRA. O. W. R	740
TES ON SHARP-TAILED GROUSE PARASITES OF BIG GAMI IN SOUTH	DAKOTA ANIMAL ECOLOGY AND MANAGEMENT AND TEACHI	671
BLACK HILLS PINE FOREST MOVEMENT OF PESTICIDES IN SOUTH	FAKOTA ECOLOGY OF UPLAND AND BIG GAME ANIMALS G	649
G TROUT IN MONTANA ACCELERATED EVOLUTION IN A	PANAMA LAB. W. F. EMPHASIZED FRESHWATER ECOLOGY	317
AICOVY RIVER GEORGIA WATERSHED EVALUATION ROCKS J	AM & RESERV. (R. N.Y. N.J. & PA) FISH & WILDLIFE	322
EHOC LAKE LAKE AQUATIC BENTHIC FISH WILDLIFE COMM. AND	DM - ENV. IMPACT TO TENT ENVIRONMENTAL ANALYST	407
NTIC MANUSCRIPTS EFFECTS ON BRYOPHYTES OF PASAQUODDI	ENV. INVESTIGATION OF BESSING RESOURCE IN NEW PA	615
ROCKS J	TAM LINNICK NUCLEAR SAFETY	741
ENVIRONMENTAL IMPACT OF GRAND PROJECTS IMPACT ASWA	DAM ON EAST MEDITERRANEAN ENV. IMPACT OF SURFF P	250

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND FUNDING STATE

SYSTEMATICS OF FISHES BIOLOGICAL SURVEY OF SALEM CREEK	62
OF SALEM CREEK DAM SITE BIOLOGICAL IMPACT OF GATHRIGHT	62
ECOLOGICAL PLANT ANATOMY ENVIRONMENTAL ANALYSIS OF TREE	100
GROWTH IN MAMMALS MECHANISM OF DRUG INDUCED LIVER GROWTH	20
AND SOIL EVALUATION - WASTE DISPOSAL FOR CAMPGROUND SOIL	157
POLLUTION RAPID BIOLOGICAL INFORMATION SYSTEMS RECOVERY OF	103
BIODIVERSITY USING	15
R TO ASSESS ZOOPLANKTON GRAZING; LAKE BIOLOGY FEEDING OF	126
DISTRIBUTION PATTERNS OF DAPHNIA THE ROLE OF THE EYE IN	600
ORIENTATION AND DISTRIBUTION PATTERNS OF	600
INTEL FOR URBAN ECOSYSTEMS STUDIES STEERING COMMITTEE OF	3
EASTERN NORTH AMERICA NATURAL AREA SURVEY OF WASHINGTON	710
DESIGNED TO DETECT ULTRASTRUCTURAL CHANGES IN FISH EXPOSED TO	768
LIST OF DDT BY FRESHWATER ALGAL UPTAKE AND METABOLISM OF	217
SERIES PLUS POLLUTION CONTROL AS ENVIRONMENTAL ENGINEER	768
IN TELEOST FISHES CARCINOGENESIS BY CHRONIC EXPOSURE TO	578
AND FRESHWATER PHYTOPLANKTON NIN TRAINEE - METABOLISM OF	541
SITOTOXIC AND HEAVY METAL POLLUTANTS MICROBIAL DEGRADATION OF	410
OF SPECIES DIVERSITY AND SECONDARY SUCCESSION EFFECTS OF	154
CHLORINATED HYDROCARBONS IN MARINE ECOSYSTEM	768
IC EXPOSURE TO DDT BEHAVIORAL CHANGES IN FISH EXPOSED TO	718
FIELD PROGRAM PHEASANT LIVE TRAPPING STUDY QUANTITATIVE	774
MEASUREMENTS DESIGN CANCER RES. REPTS. INFORMATION SYSTEMS PRISN	59
REVIEW OF POTENTIAL HILL SITES SYSTEMATICS AND ECOLOGY OF	59
ILL SITES SYSTEMATICS AND ECOLOGY OF DECAPOD CRUSTACEANS	810
THE NORTHERN APPALACHIANS COAL COMMUNITY ABANDONMENT AND	198
AND HILL FINE KNOLL SHOLES EDGE BANKS IMPACT ANALYSIS	792
EST TREES ANALYSIS OF FOREST ECOSYSTEMS SYSTEM ANALYSIS	264
PRODUCTION AND METHODS PLANT ECOLOGISTS SALT MARSHES	492
OF FORESTS OF GLACIER NATIONAL PARK EASTERN HEMLOCK IN	312
SYSTEMS ECOLOGY SYSTEMS ECOLOGY AND MULTIPLE-USE	694
FOR LIGNIN DEVELOPMENT OF NOVEL WASTE TREATMENT AERATOR	3
CON SULFUR BUDGETS DISSOLVED GASES TRACE METALS PLANKTON	808
APPROXIMATE ACID AND GAS PRODUCTION IN SANITARY LANDFILLS	374
ECOSYSTEM DYNAMICS FOLLOWING DISTURBANCES RECLAMATION OF	682
NET - NYS SEA GRANT	599
ECOLOGY AND SYSTEMATICS OF	151
EFFECTS BENTHIC INVERTEBRATE COMMUNITY ECOLOGY IN THE	599
SALT MARSH POLLUTION MEDFAUNO NORTH ADRIATIC DIVERSITY	151
IN SUBMARINE CANYONS ANIMAL SEDIMENTS RELATIONSHIPS IN	599
MEIOFAUNA MARINE BENTHIC ECOLOGY SALT MARSH ECOSYSTEM	151
CONDITIONS ON MOUND DUMP SITES TRACE ELEMENT STUDIES ON	340
CONTAMINATION SEWAGE SLUDGE EFFECTS ON NEW YORK BIGHT BENTHOS	661
FLORIDA VERTICAL DISTRIBUTION OF PODEPA PODEPA-LIKE BASIN	170
SAPRAKE BAY - FISH BIOLOGICAL EVALUATION OF WIDENING AND	586
DIMENTS RELATIONSHIPS IN DEEP SEA SOLID REFUSE DISPOSAL	599
MANAGEMENT FOR UPLAND GAME WATER FOWL AND WHITE-TAILED	725
LOGICAL EFFECTS OF STARVATION OR MALNUTRITION UPON DEER	623
ON WILDLIFE ADULT EDUCATION EFFECTS OF STRIP MINING ON	606
DEER HISTORY AND MANAGEMENT OF BLACK BEAR AND WHITE-TAILED	486
BEARS AND FOOD HABITS OF UNGULATES EFFECTS OF CUTTING ON	303
EFFECTS OF CUTTING ON DEER FOOD PRODUCTION FORAGES EATEN BY	303
DEER IN THE SOUTHEAST SIMULATED MOUNTAIN BY CLIP	465
DEER INVESTIGATION OF WINTER FEED YARDS ENERGETIC	540
DEER LICK INVESTIGATING NATURAL HISTORY STUDY OF	394
DEER AND BEAR MANAGEMENT OF WILDLIFE MANAGEMENT D	626
DEER ON VARIATION OF SEXUAL BEHAVIOR OF MALE WOOD	718
DEER SURVEY WILDLIFE MANAGEMENT WITH EMPHASIS ON	465
DEER AND URBAN WILDLIFE CATSKILLS NEW YORK BEAR	465
DEER AND RISKY BEHAVIORAL ECOLOGY WILDLIFE ECOL	158
DEER RANGE CARRYING CAPACITY NONGAME WILDLIFE AN	9
DEER ENVIRONMENTAL GEOLOGY ESPECIALLY RELATE	9
EFFECTS GEOLOGICAL IMPLICATIONS OF THE MCGUIRE N	49
EFFECTS OF DEVELOPMENT ENVIRONMENTALLY INDUCED	787
DEFENSE MECHANISM	592
DEFOLIATION AERIAL SENSING FOR EVALUATING: STRE	509
DEGRADATION IN ECOSYSTEM SALINITY EFFECTS ON USE	709
DEGRADATION OF DDT ENVIRONMENTAL DISTRIBUTION OF	694
DEGRADATION OF LIGNIN DEVELOPMENT OF NOVEL WASTE	7
DEGRADATION OF NEW ACARICIDES/INSECTICIDES METAB	70
DEGRADATION OF PESTICIDES - NITRATE REMOVAL BY D	69
DEGRADATION OF PESTICIDES NITRATE REMOVAL BY DEN	774
DEGRADATION AND MANAGEMENT OF HISTORIC HOUSE 118RA A	311
DELEGATE DEPARTMENT SCIENTIFIC INFORMATION SYSTEMS	284
DELAWARE ESTUARY	284
DELAWARE ESTUARY BIOLOGICAL SURVEY OF C & D CANA	284
DELAWARE ESTUARY MODEL BASIN 3 STUDY OF TWO ISL	627
DELAWARE ESTUARY PROJECT - MARSHES POPULATION BY	193
DELAWARE RIVER BASIN PHYTOPLANKTON OF SUSQUEHANNA	677
DELAWARE RIVER ESTUARY AQUATIC THERMAL STRATA	95
DELAWARE RIVER NEAR BORDENTOWN NJ NJ MARINE ETO	676
DELATED HYPERSENSITIVITY TO BREVILIUM COMPOUNDS	470
DELETERIOUS EFFECTS OF IONIZING RADIATION ON PLA	512
DELIVERY OF MEDICAL CARE URBAN SYSTEMS ENGINEER	177
DELTAIC INTRACOASTAL WATERWAY	

TABLE - RESEARCH OR CONSULTATION EXP. REVIEW AND EVAL. SCHEDULE

SYSTEM ANALYSIS OF TECHNICAL INFORMATION AND STATISTICAL	DEMOGRAPHIC STUDIES OF TROPICAL BIOGEOGRAPHY AND	905
HOUSEHOLD POPULATION CYCLES POPULATION CYCLES IN RATS MOUSE	DEMOGRAPHY ON ISLANDS POPULATION ECOLOGY AND RE	74
MICROBIAL DEGRADATION OF PESTICIDES - NITRATE REMOVAL BY	DENITRIFICATION MICROBIAL DEGRADATION OF PESTI	70
PESTS DIFF. OXYGEN USE IN BIOLOGICAL WASTEWATER TREATMENT	DENITRIFICATION OF CONCENTRATED WASTEWATER	47
N MICROBIAL DEGRADATION OF PESTICIDES NITRATE REMOVAL BY	DIFFUSING BACTERIA MICROBIAL DEGRADATION BY	70
F COBBOSSSE WATERSHED MAINE COASTAL WETLANDS GROUNDTRUTH	DENNIS AND THORO IMPACT AND DEPENDENCE OF MAN	548
T OF NONCONSUMPTIVE WILDLIFE HABITAT FACTORS DETERMINING	DENSITY OF FORESTBIRD EFFECTS OF CLEARCUTTING ON	341
THEY ENTAIL MODIFICATION OF A STEAM HUMAN POPULATION	DENSITY VS. ACCELERATED EUTROPHICATION THROUGH	327
CHEMOPHORE RESERVOIR BACTERIAL DISEASES OF WATER MILFCIL	DENSITY-GRADIENT CENTRIFUGATION OF SUSPENDED AN	47
MICROBIAL GROWTH AND FERMENTATIONS AND PRODUCTS FORMED	DENTAL CAVITIES AND PERIODONTAL DISEASE ED STARCH	753
WILDLIFE CATEGORIZATION MANAGEMENT OF	DEPARTMENT OF ARMY PEST MANAGEMENT PROGRAMS DEP	102
MANAGEMENT OF SEASONALLY ESTUARINE SYSTEMS AND ESTUARINE	DEPENDENT ORGANISMS	75
DEPLETION IN MIXED OAK STANDS PATTERNS OF SOIL NITRIFIE	DEPLETION IN OAKS FOREST SOIL WATER RELATIONSH	81
DENTAL IMPACT OF ELECTRICAL TRANSMISSION CONTROL OF BIRD	DEPRECIATION ON AGRICULTURAL CROPS VERTEBRATE	10
WILDLIFE MANAGEMENT; WILDLIFE LAW ENFORCEMENT BLACKBIRD	DEPRECIATIONS STUDIES ECOLOGICAL STUDIES OF BIR	7
WILDLIFE DEPRECIATIONS STUDIES ECOLOGICAL STUDIES OF BIR	DEPRECIATIONS STUDIES OF POPULATION ECOLOGY GREAT	7
WYRINS (SPECIFIC) THE ELECTROMAGNETIC ACTIVITY OF BROWN	DERIVATIVES KINETIC & THERMOCHEM. STUDIES OF POF	7
ION EST. WT. FLOUNDER DISCARDED AT SEA BY U.S. FISHERMEN	DESCRIBE COMM. FISH. PARAMETERS. 5. REPERFORM AN	7
N ESTUARY AQUATIC BACTERIA-CYCLING OF ORGANIC COMPOUNDS	DESCRIBING NUMBERS AND ACTIVITIES OF AQUATIC BAC	34
S OF BIRDS INTEGRUM OF BIRDS AVIAN ANATOMY/INTEGUMEN	DESCRIPTIVE AND FUNCTIONAL AVIAN ANATOMY PARTIC	6
NATICS, MEDITERRANEAN SEA OCEANOGRAPHY	DESCRIPTIVE AND PHYSICAL OCEANOGRAPHY GENERAL	49
WFF REGULATION PHYSIOLOGICAL ECOLOGY WATER RELATIONS OF	DESERT ANTELOPES ENERGETICS OF LOCOMOTION METABO	71-
RESEARCH ON WILDLIFE NATIONWIDE OUTDOOR RECREATION PLAN	DESERT BIGHORN SHEEP BOOK EXPERT ON NATIONAL PAR	24
W BASIS: KIDNEY STRUCTURE AND FUNCTION RENAL MORPHOLOGY IN	DESERT MAMMALS RENAL DEVELOPMENT IN NEONATAL MAM	74
NE BALANCE IN BATS FROM XERIC HABITATS WATER ECONOMY OF	DESERT MAMMALS SPECIAL EMPHASIS: KIDNEY STRUCTU	3-
COLOGY ECOLOGICAL AND REPRODUCTIVE ISOLATION IN LYGAEIDS	DESERT PLANT - ARTHROPOD ASSOCIATIONS COMMUNITY	17-
WILDLIFE ECOLOGICAL STUDIES ECOLOGICAL STUDY OF	DESERT QUAIL WATER RESOURCE MANAGEMENT	24
COMMUNITY ECOLOGY ECOPHYSIOLOGY AND PLANT DISTRIBUTION	DESERT SHRUB WATER STRESS GROWTH RESPONSE OF SAL	29-
POWTH AND ECOSYSTEM BEHAVIOR FOREST PRODUCTION GROWTH OF	DESERT SHRUBS EFFECT OF ENVIRONMENTAL STRESSORS	703
STUDY PREHISTORIC HUMAN ECOLOGY OF US	DESERTS REESE RIVER ECOLOGICAL PROJECT	723
STATISTICAL	DESIGN & ANALYSIS OF ECOSYSTEM PROBLEMS AND MATH	780
EMATICAL MODELING	DESIGN AND CONSTRUCTION OF ANADROMOUS FISH PASSA	587
IES MANAGEMENT OF THE CONNECTICUT RIVER BASIN PLANNING	DESIGN AND OPERATION OF DYNAMIC SYSTEMS FOR CULT	728
N OF PARASITES AND INVERTEBRATES CULTIVATION OF MALARIA	DESIGN AND OPERATION OF WASTE TREATMENT SYSTEMS	571
ABILITY OF VARIOUS NUTRIENTS MANUFACTURING WASTEWATER	DESIGN CANCER RES. REPTS. INFORMATION SYSTEMS DE	774
; MATERIALS DEPLETION PREVENTION INFORMATION SYSTEMS DE	DESIGN INCINERATOR FOR BIO AGENTS WASTE MANAGEME	407
INATION CONTROL OF CLOSED ENVIRONMENTS & PLANT EFFLUENTS	DESIGN NAVY ENVIRONMENTAL PROTECTION DATA PAGE B	50
URAL SYSTEMS QUANTITATIVE METHODS FOR WATER QUAL MONITC	DESIGN OF SEWAGE TREATMENT PLANT STRUCTURAL ANA	61-
OLA HAZARD ASSOCIATED WITH SHIP AND BREAKWATER COLLISION	DESIGN OF WATER QUALITY MONITORING SYSTEMS ASSE	49
Y MAINE OFFSHORE OIL AND NEW ENGLAND: BIOLOGICAL EFFECTS	DESIGN TO SOLVE PROBLEMS CUPSAW LAKE FLOOD CONTR	66
T RESEARCH TO DETERMINE ENVIRONMENTAL PROBLEMS PROJECT	DESODIUM PRIMARY PRODUCTIVITY OF BELGRASS COMMUN	13
ATIVE ANATOMY OF THE MELANTHIDAE SYSTEMATIC STUDIES OF	DESTRUCTIVE FOREST INSECTS CHIEF OF FOREST INSEC	709
OF FOREST INSECTS POPULATION ECOLOGY AND MANAGEMENT OF	DETECTION BUBBLE INDUCED UPWELLING OF SEA WATER	620
OF OIL SPILLS FOOD PROCESS ENGINEERING OIL SPILL SOURCE	DETECTION ON OTHER PLANETS CONSULTANT TO INDIAN	566
IAL ECOLOGY OF SOILS AND WATERS WORKSHOP ON ECOLOGY LIFE	DETERIORATION PREVENTION INFORMATION SYSTEMS DES	726
SCIENTIFIC INFORMATION SYSTEMS AND SERVICES; MATERIALS	DETERMINE ENVIRONMENTAL PROBLEMS PROJECT DESIGN	66
ROUND VALLEY RESERVOIR CONSTRUCTION PROJECT RESEARCH TO	DETERMINE SPEED OF GERMINATION IN SEEDS OF AQUIL	246
CGY OF AQUILEGIA TERRESTRIAL PLANT ECOLOGY AND TAXONOMY	DETERMINE WAYS TO IMPROVE HABITAT FOR RESERVOIR	766
FISHERIES FISHERIES MANAGEMENT	DEV. NIGER COOPERATIVE DEVELOPMENT OR OPTIMAL P	14
TION IN CASAMANCE RECOMMENDATIONS FOR AID IN AGRICULTURE	DEV. SEVERAL HUNDRED UNITS ENVIRONMENTAL IMPACT	75
HOLLOW DEVELOPMENT (2 400 UNITS) ENV. IMPACT VAN PATTER	DEVEL. FOLIAR ANALYSIS PROG. FOR FLORESTIS' CROPS	510
ION ION STIM. ATPASE CONTROL NA AND K UPTAKE IN PLANTS	DEVELOP OIL IN WATER MONITOR DEVELOPMENT OF AIR	515
HOSPHORUS IN WATER MONITOR DEVELOPE SULFUR IN AIR MONITC	DEVELOPE PHOSPHORUS IN WATER MONITOR DEVELOPE SULF	515
WATER MONITORING METHODS AND INSTRUMENTS FOR POLLUTANTS	DEVELOPE SULFUR IN AIR MONITOR DEVELOPE OIL IN WAT	515
MENTS FOR POLLUTANTS DEVELOPE PHOSPHORUS IN WATER MONITC	DEVELOPE. OF ENV. ECO. CENTER FERRAL CAT PREDATIO	37
ILIATION DYNAMICS ENVIRONMENTAL EDUCATION PHILOSOPHY AND	DEVELOPING AND CARRYING OUT EXTENSION PROGRAMS T	13
N WILDLIFE AND RELATED SUBJECTS	DEVELOPING CHICK HEART METAPLASIA AND NUCLEAR NU	1
S AND PARAPROFESSIONALS NUCLEIC ACID DISTRIBUTION IN THE	DEVELOPING ENVIRONMENTAL EDUCATION FOR PRIMARY S	67
OGY AND MANAGEMENT AND TEACHING ENVIRONMENTAL MANAGEMENT	DEVELOPING SLIDE-LECTURE UNITS ON WILDLIFE VOCAL	604
ULT EDUCATION EFFECTS OF STRIP MINING ON DEER AND GROUSE	DEVELOPMENT	601
TOCHEMISTRY OF CHROMOSOMAL ACTIVITY: CHEMICAL ASPECTS OF	DEVELOPMENT	359
PLANT NUTRITION LAND RECLAMATION AGRICULTURAL ECONOMIC	DEVELOPMENT	77
ENVIRONMENTAL IMPACT PANEL ANTIPTIOTIC ACTION ANTIPTIOTIC	DEVELOPMENT	457
OF 2 4 5-T IN GERBIL 2 4 5-T EFFECTS ON PLANT GROWTH AND	DEVELOPMENT	441
ES. FOR ANTIAMOEBIIC AGENT BIOTECHNICIAN TRAINING MODULES	DEVELOPMENT	62
FOR RESIDENTIAL DEVELOPMENT EVALUATE LAND FOR COMMERCIAL	DEVELOPMENT	207
GH DAM ON EAST MEDITERRANEAN ENV. IMPACT OF SLEEP HOLLOW	DEVELOPMENT	49
MODEL SYSTEM FOR 2,4,5,T TERATOLOGY TESTING DEFECTS OF	DEVELOPMENT	632
ND SYSTEMATICS OF DEEP SEA CORALS PROGRAM MANAGEMENT AND	DEVELOPMENT	9
T OF HUNTING PRESSURE ON RUFFED GROUSE POPULATIONS THE	DEVELOPMENT	3
ENT CYCLING, MOUNTAIN ECOSYSTEMS SOIL SURVEY FOR USE IN	DEVELOPMENT	2
PROSTION CONTROL IN WATER COURSES AND SLOPES IN URBAN	DEVELOPMENT	2
ON BEHAVIOR SEFECTION; ENVIRONMENTAL IMPACT STATEMENT	DEVELOPMENT	2
VTIMAL ECOLOGY SPECIES DIVERSITY ORNITHOLOGY ECOSYSTEM	DEVELOPMENT	4
INSTITUTE - HIGHLANDS PROJECT SLEEPY HOLLOW RESIDENTIAL	DEVELOPMENT	6
TIONS FOR LAND USE PLANNING EVALUATE LAND FOR RESIDENTIAL	DEVELOPMENT	524
GE. SOIL SCIENCE IN RESOURCE	DEVELOPMENT	243
RE AND FUNCTION RENAL MORPHOLOGY IN DESERT MAMMALS RENAL	DEVELOPMENT	407
AND DIRECTING ENVIRONMENTAL ANALYSIS OF FEDERAL RESOURCE	DEVELOPMENT	590
WFFS CONTROL AQUATIC ADVISOR - WEED CONTROL AND FISHERY	DEVELOPMENT	505
ELOP SULFUR IN AIR MONITOR DEVELOPE OIL IN WATER MONITC	DEVELOPMENT	505
ON CONTROL SYNTHESIS OF FLOCCULANTS AND POLYELECTROLYTES	DEVELOPMENT	174
ORY STUDIES OF ANADROMOUS FISH OF THE NORTHWEST ATLANTIC	DEVELOPMENT	60
. ECOLOGICAL MONITORING PROGRAM, SLANFORD HARBOR, CONN.	DEVELOPMENT	174
POLYELECTROLYTES DEVELOPMENT OF COLLECTOR FOR OIL SPILLS	DEVELOPMENT	60
RTROPHY OF RAT KIDNEY GROWTH COMPENSATORY HYPERTROPHY	DEVELOPMENT	541

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

EDUCATION LABORATORY AVIAN MIGRATION AND ENERGY BALANCE	DEVELOPMENT OF MARSH HABITAT FOR CORPORATION WAM	12
E TO POLLUTION CONTROL BIOCHEMICAL DEGRADATION OF LIGHT	DEVELOPMENT OF WASTE TREATMENT ABRAPOE DEC	
EDUCATIONS FOR AIP IN AGRICULTURE DEV. NISER COOPERATIVE	DEVELOPMENT OF OPTIMAL PROGRAM FOR BOB PEOPLE	14
- ATTACHMENT MECHANISM HISTOCHEMISTRY - BARNACLE TISSUES	DEVELOPMENT OF TRAINING PROGRAM - ENVIRONMENTAL	15
AINAGE PURIFICATION OF ACID MINE DRAINAGE BY NEUTRALIZATION	DEVELOPMENT OF WOOD PLASTIC TECHNOLOGY INVESTIGA	16
OLEUMION INVESTIGATION FISHPAP LAKE KENTUCKY IMPACTS OF	DEVELOPMENT ON NATURAL RESOURCES NATURAL SCIENT	507
EVALUATION OF IMPACT OF WATER	DEVELOPMENT ON NATURAL SYSTEMS	513
LAND PLANNING PERTAINING TO ECOLOGY PLANNING A PROSPECT	DEVELOPMENT PLANNING A CAMBIST?	514
TURAL RESOURCES NATURAL SCIENTIST IN THE FIELD OF WATER	DEVELOPMENT POLLUTION INVESTIGATION FIS	515
ALIAN OVIDUCT CELL AND TISSUE CHANGES DURING	DEVELOPMENT RNA-INDUCED METAPLASTIC CELLS OF MAMM	516
NATURAL RESOURCE MANAGEMENT - ENVIRONMENTAL	DEVELOPMENT SCIENCE OF PESTICIDES ATROPAT SIDE	517
N THE ENVIRONMENT EFFLUENT MANAGEMENT INFORMATION SYSTEM	DEVELOPMENT REFINEMENT APPLICATION OF INTERMED	244
OF FIELD CORN	DEVELOPMENT TESTING OF INBRED LINES AND HYBRIDS	519
PE PLANT BREEDER GRAIN LEGUMES CONSULTANT ON UNIVERSITY	DEVELOPMENT THAILAND PESTSART UNIVERSITY PAN	520
E TRANQUILIZING DRUG ON RATS, DOGS, & HORSES CHILIAN S	DEVELOPMENTAL BIOLOGY OF ALGAE	
	DEVELOPMENTAL BIOLOGY; ELECTRON MICROSCOPY, HISTO	
IS OF THREE DAN SITES	DEVELOPMENTAL ENDOCRINOLOGY OF EXOTHERMS	189
FAKED ANIMAL EFFECT OF HIGH ENVIRONMENTAL TEMPERATURE IN	DEVELOPMENTAL PLANT ANATOMY ENVIRONMENTAL ANALYS	100
TOXICITY INHALED GASEOUS IRRITANTS PEPSILLUM DUCKW	DIABETICS TERATOLOGICAL EFFECTS OF SALT GLATES	
LAB. MONOGRAPHIC STUDIES OF DISCOMYCETES PLANT DISEASE	DIAGNOSIS ANIMAL DISEASE INCLUDING TOXICOLOGIC	
ES PLANT DISEASE DIAGNOSIS DIAGNOSTIC PLANT DISEASE	DIAGNOSIS DIAGNOSTIC PLANT DISEASE DIAGNOSTI	562
GRAPHIC STUDIES OF DISCOMYCETES PLANT DISEASE DIAGNOSIS	DIAGNOSTIC LAB. MONOGRAPHIC STUDIES OF DISCOMYCE	562
OF FORAGE CROPS AND OTHER SPECIES COMPLETE AND PARTIAL	DIAGNOSTIC PLANT DISEASE DIAGNOSTIC LAB. MON	562
ALLY PARASITIC INSECTS CARRION INSECT ECOLOGY COLEA SPP.	DIAPYCNIS FOR OPICARD PRASS GENETICS AND BREEDIN	
SCIDES ON INSECT PESTS COMPARATIVE BIOCHEMISTRY INSECT	DIAPYCNIS & GEOGRAPHIC DISTRIBUTION INSECT DIAPA	373
BY COLEA SPP. DIAPYCNIS & GEOGRAPHIC DISTRIBUTION INSECT	DIAPYCNIS - BIOCHEMISTRY INSECT PHOTOPERIODIC RES	346
RESIDUES ON INSECT PESTS COMPARATIVE BIOCHEMISTRY INSECT	DIAPYCNIS AND PHENOLOGY ESPECIALLY DIAPYCNIS INSE	
ASTAL TAXONOMY OF TOLOSTOMA BRUMALE SNOWCOVER ECOLOGY OF	DIAPYCNIS-BIOCHEMISTRY INSECT PHOTOPERIODIC-BUSE	
TICS, POLLUTION MONITORING ALGAL ECOLOGY	DIAPYCNIS ABLES PLEEA SYSTEMS MODEL OF SALT MA	
THEY ARE SIGNIFICANT OF DIATOMS ORGANIC COMPOSITION OF	DIAPYCNIS AND BLUE-GREEN ALGAE ECOLOGY AND SYSTEMA	670
MUNITY ANALYSES - CEDAR BOG THE DIATOM CYMBELLA CISTUIA	DIAPYCNIS CELL WALLS PALEONTOLOGY OF LAKE ST. JE	
SE WATER) ENVIRONMENTAL IMPACT STATEMENT - NUCLEAR POWER	DIATOM COMMUNITY ANALYSIS: ALGOLGY (FRESH WATER	
NUCLEAR POWER DIATOM COMMUNITY ANALYSES - CEDAR BOG THE	DIATOM COMMUNITY ANALYSES - CEDAR BOG THE DIATOM	
DIAPYCNIS MACROPHOTOSYNTHESIS OF APPLE CORN AND PERS	DIATOM CYMBELLA CISTUIA DIATOM COMMUNITY ANALYS	39
ICHLA EFFECTS OF POLLUTANT TO DATE 2012 OF NUTRIENT	DIATOM ECOLOGY AND SYSTEMS IN FRESH WATERS MACROSC	
ARINE BOTANY - BOTH PHYCOLOGY & MYCOLOGY NANNOPLANKTON -	DIATOM POPULATION DYNAMICS TOXICITY OF SOLUBLE &	
MYCOLOGY CYCLING ECOLOGY AND GEOCHEMICAL SIGNIFICANCE OF	DIATOM STUDY OF MAINE ESTUARIES CRAB RESOURCES O	5
NOXIOUS CYCLES & DIAPYCNIS BY MARINE ALGAE PERSISTENCE OF	DIATOMS IN ESTUARY ESTUARINE EPYPAUNA	5
PROFIT BY EPYPAUNA ALGAE UPTAKE AND METABOLISM OF DDT &	DIATOMS ORGANIC COMPOSITION OF DIATOM CELL WALLS	
MORAL & SPATIAL VARIATION OF ZOO. IN THE HUDSON ESTUARY	DICHOLORENE & ENTOXALIN IN POND WATER & HYDRO	
AL INSECTS FROM HATCHERY VS. OWNER OF A BOND-COMM. AGE	DICHOLORENE BY MARINE ALGAE PERSISTENCE OF DICHOLO	117
FISHERY SCIENCE EFFECT OF TEMPERATURE AND	DICHOLORENE CONC. IN THE TROPIC LEVELS OF A MARSH	562
ATURE ON DIABETICS TERATOLOGICAL EFFECTS OF SALICILATES	DICHOLORENE AND MARINE PLANKTON ECOL. SOC. Y	
Y CELLS SUBMICROSCOPIC DISTRIBUTION OF NUCLEIC ACIDS IN	DICHOLORENE ON GROWTH SOLVENTARY ECOTOLOGICAL STUDY	
OR PARASITE & WATER QUALITY IN ESTUARY NETWORKS CIES PRO	DIETARY EFFECTS ON METABOLIC RESPONSE TO COLD &	12
ERAS AQUATIC CHEMISTRY NUTRIENTS CARBON DIOXIDE IN	DIFFERENTIATING EMBRYONIC SYSTEMS AND PHYSIOLOGI	
MAINE YANKEE MARINE HYDROGRAPHIC STUDY THE USE OF	DIFFUSERS FOR WASTE HEAT DISPOSAL SALTHYQ INTRU	
COLOGY-ALGAE AND BACTERIA METHANE PRODUCTION - ANAEROBIC	DISPERSION FROM SEDIMENTS TO ALGAL SCUMS OR CO	
EARTH AND FISHERY BIOLOGY AS PERTAINING TO SPORT FISHERY	DIFFUSION EFFECTS OF PH THORS C AND O-BO BIOLG	31
FAHRI STUDIES OF CHEMIST BIOCHEMISTRY AND OCEANOGRAPHY	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
ITY ECOLOGY FAUNAL VARIATION ON PELAGIC SARGASSUM GLOBAL	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
R PRODUCTIVITY REMOTE SENSING SHALLOW MARINE COMMUNITIES	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
RE TO COPELIDERS ALGAL AND CHEMISTRY NUTRIENTS IN CON	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
TROL BY FISH AREA BIOLOGICAL CONTROL OF AQUATIC INSECT	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
DIPTERA AL ANIMAL DIPTERA; BIOLOGY OF	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
ONY OF TWO-WINGED FLIES (DIPTERA) AND MORPHOLOGY OF SAME	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
OF SECT OF ENVIRONMENTAL EDUCATION THE MARINE BIODIVERS	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
OF FISH ON SHEEP FROM APRIL OBSERVATION EST. WT. FISH AND	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
LLINOIS FRESH WATER AND ESTUARINE INVERTEBRATES & SAL	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
MON THERMAL DISCHARGE EFFECTS ON MARINE PLANKTON THERMAL	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
PLANKTON BIOLOGY AND POLLUTION EFFECTS EVALUATION THE	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
ION THERMAL DISCHARGE EFFECTS OF MARINE PLANKTON THERMAL	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
ALLY IN THE FIELD OF POWER GENERATION EFFECT OF	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
HEATED DISCHARGE UPON AQUATIC LIFE EFFECTS OF PAPER MILL	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
SCHARGES UPON FRESHWATER ALGAE AND FISHES EFFECTS OF	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
THE EFFECTS OF FISH FROM LAKE FISH EFFECTS OF	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
STEPAL EFFECTS OF CHEMICAL WASTES EFFECTS OF	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
ON PLANT DISEASE DIAGNOSTIC LAB. MONOGRAPHIC STUDIES OF	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
WATER POLLUTION OHIO RIVER ALGAE ECOLOGY TERATOLOGI	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
AGNOSTIC LAB. MONOGRAPHIC STUDIES OF DISCOMYCETES	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
DISCOMYCETES PLANT DISEASE DIAGNOSIS DIAGNOSTIC PLANT	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
CRE FARM ECOLOGICAL STUDIES FARM GAME INSECT REACTORS OF	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
D GASEOUS IRRITANTS BENZYLUM TOXICITY DIAGNOSTIC ANIMAL	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	444
PHOTOGRAPHIC STUDIES OF PARASITIC RELATIONSHIPS IN FISH	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	52
TRITION UPON ANIMAL DISEASES AND PARASITES NUTRIENT	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
ATION OF HERBING RESOURCES IN NEW ENGLAND STUDY OF FUNGUS	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
TOXICITY DIAGNOSIS ANIMAL DISEASE INCLUDING TOXICOLOGI	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
IN PARASITES OF HALABIA MED ENTOMOLOG. ALSO EMPHASIS ON	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
DIPTERA (TEMPERATURE DEPENDENT) ON THE NUTRIENT AND	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
OGY ANATOMY IMMUNOLOGY SYSTEMATICS BEYOND WATER BORNE	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
N NULE DEER INTERRELATIONSHIPS OF NUTRITION UPON ANIMAL	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
S IN PSMARIES ECOLOGY OF ESTUARINE ANIMALS ESPECIALLY	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	
LIFE HISTORY ECOLOGY OF BIRDS AND MAMMALS AND WILD LEE	DIGESTION IN BLACK CRABBY PREDATOR FISH INTRODU	

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

PS IN FILARIOD DISEASE INFECTIONS PATHOLOGY OF PARASITIC	DISEASES ECOLOGY OF ONCHOCERCIASIS IN ETHIOPIA	567
HYPERSENSITIVITY PNEUMONITIS IMMUNOLOGY OF CHRONIC LUNG	DISEASES ESPECIALLY OCCUPATIONAL RELATED DELAYED	95
OF EFFECTS OF ILLEGAL ABORTION-JAMAICA ECOLOGY OF HUMAN	DISEASES IN POPULATIONS; AT AFFECTED BY SOCIAL E	352
IN ONCOGENESIS IMMUNOLOGY AND PATHOLOGY OF ANIMAL VIRUS	DISEASES LYMPHOCYTIC CHORIOMENINGITIS VIRUS RESP	397
SMALL FRUIT CROPS; PHYTOPHTHORA & BOTRYTIS PHYSIOLOGY &	DISEASES MYCOECOLOGY OF SERPENTINE SOIL EPIDEMIO	446
PISCINE VIBRIOS COMPARATIVE PATHOLOGY EMPHASIS ON	DISEASES OF FISH MARINE PATHOLOGY IMMUNOLOGY OF	796
ANATOMIC PATHOLOGY PARTICULARLY REGARDING SPONTANEOUS	DISEASES OF LABORATORY ANIMALS NEUROPATHOLOGIC E	245
ANIMALS ESPECIALLY DISEASES AND PARASITES OF SHELLFISH	DISEASES OF OYSTERS FOULING ORGANISMS IN ESTUARI	16
LOGY OF BOTRYTIS DISEASES OF STRAWBERRY & THEIR CONTROL	DISEASES OF SMALL FRUIT CROPS; PHYTOPHTHORA & BO	446
OF SERPENTINE SOIL EPIDEMIOLOGY & PHYSIOLOGY OF BOTRYTIS	DISEASES OF STRAWBERRY & THEIR CONTROL DISEASES	446
CAL LIMNOLOGY REZEAFATION OF CHEROKEE RESERVOIR BACTERIAL	DISEASES OF WATER MILPOIL DENSITY-GRADIENT CENT	409
RESITES SHELLFISH DISEASES MOLLUSCAN BIOLOGY SHELLFISH	DISEASES SCHISTOSOMIASIS SMALL CONTROL PARASITE	123
IONS AND PRODUCTS FORMED DENTAL CAVITIES AND PERIODONTAL	DISEASES SEARCH FOR CEPHALOSPORIN AMIDASE ENZYME	753
LOGY AQUATIC ECOLOGY; ENVIRONMENTAL POLLUTION INFECTIOUS	DISEASES THERMAL EFFECTS ON AQUATIC ORGANISMS BI	414
INHIBITION OF SPOULATION MEASURES OF CONTROLLING PLANT	DISEASES WRITING BOOK-"CHEMISTRY OF FUNGICIDALS A	442
TROL PARASITES OF FISH IMMUNITY TO PARASITES SHELLFISH	DISEASES MOLLUSCAN BIOLOGY SHELLFISH DISEASES S	123
TIONS WITH PROTEINS CHLORINATED ORGANICS FROM WASTEWATER	DISEASES DISINFECTION INFECTIOUS HEPATITIS AND WATER QUAL	161
INTERDEPENDENCE TREATMENT OF ADOLESCENT PRIMARY BEHAVIOR	DISEASES DISPERSE; WORKSHOP COMMUNITY CENTER FOR UNMOTIVA	120
E ANALYSIS ENVIRON IMPACT - TERRESTRIAL ECOL - WASTEWATER	DISP. RESOURCE ECONOMICS ESPECIALLY WATER AND	231
LOGY OF DIPTERA BIONOMICS OF MILKWEED BEETLE DROSOPHIA	DISPERSAL ANIMAL DISPERSAL; BI	520
INATION ADMINISTRATION ROLE OF SUEZ CANAL AS PATHWAY FOR	DISPERSAL BETWEEN RED SEA AND MEDITERRANEAN OCEA	22
RELATIONS WITHIN AGRICULTURAL OR FOREST ECOSYSTEMS INSECT	DISPERSAL INTO GAMMA IRRADIATED GRADIENT COCONUT	334
EROS BEETLE PROJECT PESTS OF RICE IN FIJI MORTALITY AND	DISPERSAL OF INSECT POPULATIONS WITHIN AGRICULTU	334
EDD BEETLE DROSOPHILA DISPERSAL ANIMAL	DISPERSAL; BIOLOGY OF DIPTERA BIONOMICS OF MILKW	520
ANTIDATIVE ANALYSIS EFFECTS OF DREDGING AND DREDGE SPOIL	DISPERSAL MARINE BENTHIC ECOLOGY CAPE COD BAY EC	807
BE LAND SLUDGE DISPOSAL ON THE LAND SOILS FOR WASTEWATER	DISPOSAL PHYSICAL AND CHEMICAL PHENOMENA IN SOI	383
SPILLS OF TOXIC CHEMICALS ENVIRONMENTAL IMPACT OF DREDGE	DISPOSAL STREAM HYDROLOGIC STUDIES AND MODELS E	447
DISPOSAL AIR POLLUTION PLASTICS STUDIES ON SOLID WASTE	DISPOSAL AND INCINERATOR CORROSION SOLID WASTE	45
ITY IMPACT ON SOIL AND WATERBODY SOIL EVALUATION - WASTE	DISPOSAL FOR CAMPGROUND SOIL DAMAGE ON LOGGED AR	157
ATION BY POLLUTION (MARINE-PHYSICAL-BIOL.) DREDGE SPCL	DISPOSAL IN RHODE ISLAND SOUND CORRELATIONS BETW	555
LT MARSH ECOLOGICAL MODEL OF NARRAGANSETT BAY SOLID WASTE	DISPOSAL IN THE OCEAN TOTAL SYSTEM STUDIES AND	528
CIALLY STRIPED BASS GROSS BIOLOGICAL EFFECT OF OVERBOARD	DISPOSAL IN UPPER CHESAPEAKE BAY - FISH BIOLOGI	586
HERMAL SURVEY ESTUARY CIRCULATION WITH REGARDS TO WASTE	DISPOSAL NORTHPORT NY HYDROTHERMAL SURVEY LYNN	143
NERAL CYCLING & WASTE DISPOSAL WASTEWATER IRRIGATION AND	DISPOSAL NUTRIENT CYCLING-STREAM-SOIL INTERACTIO	192
NUTRIENT CYCLING-STRPAM-SOIL INTERACTIONS SEWAGE SLUDGE	DISPOSAL ON THE LAND MINERAL CYCLING & WASTE DI	192
SAL PHYSICAL AND CHEMICAL PHENOMENA IN SOILS WASTEWATER	DISPOSAL ON THE LAND SLUDGE DISPOSAL ON THE LAND	383
PHENOMENA IN SOILS WASTEWATER DISFICAL ON THE LAND SLUDGE	DISPOSAL ON THE LAND SOILS FOR WASTEWATER DISPOS	383
Y IN ESTUARY NETWORKS SUBMERGED DIFFUSERS FOR WASTE HEAT	DISPOSAL SALINITY INTRUSION IN ESTUARINES MATHE	302
PAM FOR OCCOONAN WATERSHED OPTIMAL PROCEDURES FOR SLUDGE	DISPOSAL TREATABILITY OF VARIOUS MUNITIONS MANUP	572
AGE SLUDGE DISPOSAL ON THE LAND MINERAL CYCLING & WASTE	DISPOSAL WASTEWATER IRRIGATION AND DISPOSAL NUTR	192
ID WASTE DISPOSAL AND INCINERATOR CORROSION SOLID WASTE	DISPOSAL AIR POLLUTION PLASTICS STUDIES ON SOL	45
ANIMAL SEDIMENTS RELATIONSHIPS IN DEEP SEA SOLID REFUSE	DISPOSAL DEEPSEA EFFECTS BENTHIC INVERTEBRATE	599
HROUGH SOIL-PLANT-ATMOSPHERE CONTINUUM THERMAL POLLUTION	DISPOSING WASTE HEAT TO SOIL REVEGETATION OF SPO	474
ESTUARINE ECOLOGY PCCGAM PLANNING DOCTORAL	DISSERTATION RESEARCH	317
BIOLOGY CHEMISTRY BENTHIC FAUNA FISHES LIMNOLOGY OF TWO	DISSIMILAR SUBARCTIC STREAMS DISTRIBUTION OF LEA	518
PROCESSES CHEMICAL OCEANOGRAPHY CARBON SULFUR BUDGETS	DISSOLVED GASES TRACE METALS PLANKTON DECOMPOSIT	3
APINE SYSTEMS ECOLOGY OF BRACKISH PONDS RECEIVING SEWAGE	DISSOLVED ORGANIC PHOSPHORUS FROM PHYTOPLANKTON;	406
STES (COMPOSTING) CONSULTANT - US ATTORNEY'S OFFICE SC	DIST. NEW YORK CONSULTANT - ECOLOGY INC. POLLU	107
COMMUNITIES; DISTRIBUTIONAL PROCESSES COMPETITION THEORY	DISTRIBUTIONAL ECOLOGY OF STREAM BENTHIC COMMUNI	10
REGIES IN CLADOCERANS STRUCTURE OF AQUATIC COMMUNITIES;	DISTRIBUTIONAL PROCESSES COMPETITION THEORY DIS	10
VITY BIOLOGY OF MARINE MOLLUSCS IN PARTICULAR EFFECTS OF	DISTURBANCE OF MARINE RIVALVE COMMUNITIES EFFECT	547
G POWER STATION DYNAMICS OF FOREST ECOSYSTEMS FOLLOWING	DISTURBANCES FOREST ECOSYSTEM DYNAMICS FOLLOWING	354
LOWLING DISTURBANCES FOREST ECOSYSTEM DYNAMICS FOLLOWING	DISTURBANCES RECLAMATION OF DEEP MINE COAL WASTE	354
LAND STABILIZATION AND WATER UTILIZATION OF DRATICALLY	DISTURBED AREAS CHEM. DAYS. BIOL. CHANGES IN A R	529
ANIMAL IMPACT OF MAN ON APPALACIAN ECOSYSTEM ECOLOGY OF	DISURBED LANDS; FOREST AND WILDLIFE ECOLOGY POP	606
C PHOSPHORUS FROM PHYTOPLANKTON; DUE 48 MOSQUITO CONTROL	DITCHES IN SALTMARSHES PHOSPHORUS CYCLING IN NA	462
ORE PARKER RIVER ALEWITE MODELLING STUDY MERRIMACK RIVER	DIVERSION EFFECTS STUDY NEWANCTIC RIVER FISHERIE	137
TER RESOURCES PROJECTS ON FISH AND WILDLIFE SABINE RIVER	DIVERSION PROJECT LOUISIANA VIRGINIA CAPES ARTI	625
ST - CONNECTICUT RIVER ECOLOGICAL STUDY EFFECTS OF WATER	DIVERSIONS IN CONN. RIVER BENEFIT-COST ANALYSIS	456
EFFECT ON CORAL REEFS CARIBBEAN CORAL REEF STRUCTURE AND	DIVERSITY BIOLOGY OF CORAL REEFS; THEORETICAL	557
VERSITY ORNITHOLOGY ECOSYSTEM DEVELOPMENT BIRD SPECIES	DIVERSITY AND SECONDARY SUCCESSION EFFECT OF DDT	404
INSECTS ECOLOGY OF CROPS TROPICAL INSECT ASSOCIATIONS	DIVERSITY AND STABILITY OF TROPICAL CROP SYSTEMS	595
NERGETICS SALT MARSH POLLUTION MEDFAUNO NORTH ADRIATIC	DIVERSITY DEEP SEA MEOPAUNA MARINE BENTHIC ECO	151
MATICS AND ECOLOGY OF DECAPOD CRUSTACEANS DECAPOD FAUNAL	DIVERSITY IN SPARTINA FAUNAL SURVEY OF POTENTIAL	59
ABILITY OF TROPICAL CROP SYSTEMS INFLUENCE OF VEGETATION	DIVERSITY ON INSECTS PESTICIDES INDUCED APHID OU	595
SSISTANT PHYTOPLANKTON COMPOSITION AND	DIVERSITY RELATIVE TO WATER CHEMISTRY RESEARCH A	201
F MIREX ON SECONDARY SUCCESSION ANIMAL ECOLOGY SPECIES	DIVERSITY ORNITHOLOGY ECOSYSTEM DEVELOPMENT BI	404
DO NATURAL AREA EVALUATION; PLANT COMMUNITY; STRUCTURE	DIVERSITY PLANT POPULATIONS SUCCESSION CONSULT	543
MICROBIAL PHYSIOLOGY AND ECOLOGY	DNA SEQUENCE RELATIONSHIPS AMONG VIBRIO SPECIES	686
CELL PROLIFERATION IN MAMMALIAN CELLS CAMP AND SECRETION	DNA SYNTHESIS IN PAROTID AUTORADIOGRAPHY TECHNIO	451
ESTUARINE ECOLOGY PROGRAM PLANNING	DOCTORAL DISSERTATION RESEARCH	317
ARY PATHOLOGY MELIODOSIS IN DOGS IN VIETNAM GLOSSITIS IN	DOGS VETERIN	691
IN VETERINARY PATHOLOGY MELIODOSIS IN	DOGS IN VIETNAM GLOSSITIS IN DOGS	691
OGY DRUG TOXICITY EFFECTS OF TRANQUILIZING DRUG ON RATS	DOGS & HORSES CELLULAR & DEVELOPMENTAL BIOLOGY	426
INVENTORY OF FISHERIES OF NEW YORK AND MIDDLE ATLANTIC	DOMESTIC AND INTERNATIONAL FISHERY MANAGEMENT AN	472
REPROD. WILDLIFE IN S.E. FOREST HABITATS CONTROL REPROD.	DOMESTIC ANIMALS APPL. EGG TRANSFER IN INDUCTION	614
TEAM ECOLOGY OF FISHES IN LENTIC AND LOTIC ENVIRONMENTS	DOMESTIC EFFLUENT IN LAKE WATER SUPPLIES STRIP M	750
OGY OF FISHES; ECOLOGY OF MARINE AND FRESHWATER PLANKTON	DOMESTIC-INDUSTRIAL POLLUTION AND BENTHAL INSECT	289
L FOR URBAN ECOSYSTEMS STUDIES STEERING COMMITTEE OF IAT	DONG CP INT. FEL. OF REC. POPULATION BIOLOGY B	358
G AQUATIC ECOLOGY AND FISHERIES BIOLOGY LIFE HISTORY OF	DORCOPMA PETENENSE IN ARIZONA POPULATION DYNAMIC	376
AST TUMORS IN VITRO INDUCTION OF BREAST TUMORS RADIATION	DOSE RESPONSE FOR RAT BREAST TUMORS EXPERIMENTA	638
EDIC CONTROL OF GROWTH RESEARCH AND BREEDING PROGRAM FOR	DOUGLAS FIR POPULATION GENETICS THEORY AND MATH	506
E AND STAND DATA FROM LOW-LEVEL AERIAL PHOTO RESPONSE OF	DOUGLAS FIR TO URPA FERTILIZATION DYNAMICS OF D	490
DOUGLAS-FIR POPULATIONS DYNAMICS AND SIMULATED YIELD OF	DOUGLAS FIR TREE AND STAND DATA FROM LOW-LEVEL A	490
SPONSE OF DOUGLAS FIR TO URPA FERTILIZATION DYNAMICS OF	DOUGLAS-FIR POPULATIONS DYNAMICS AND SIMULATED Y	490

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ETHOS AND STATISTICS IN ECOLOGY SE COOPERATIVE MOURNING	DOVE STUDY STATISTICS IN GAME AND FISH WORK SE S	318
TION FOR TRANSMISSION LINE CORRIDOR WILDLIFE EVALUATION	DRAFT E.T.S. FOR HIGHWAY WILDLIFE BASELINE DATA	575
ECTS OF SURFACE MINING ON U.S. FISH & WILDLIFE ACID MINE	DRAINAGE ABATEMENT WORLD HERITAGE TRUST LIVING	677
HYDROLOGY AND GEOLOGY; WATER POLLUTION ESPECIALLY MINE	DRAINAGE AND INORGANIC) GEOLOGIC FACTORS AFFECTI	573
PICATION OF ACID MINE DRAINAGE PURIFICATION OF ACID MINE	DRAINAGE BY NEDTRALOSTS DEVELOPMENT OF WOOD PLAS	64
AKE COMMUNITY FISH DISTRIBUTION IN RELATION TO ACID MINE	DRAINAGE FISHERY SURVEY OF PINE CREEK WATERSHED	145
VIRONMENTAL MANAGEMENT AND POLLUTION ABATEMENT ACID MINE	DRAINAGE POLLUTION ABATEMENT STUDY NATURAL RESOU	747
S ANALYSIS OF REVERSE OSMOSIS PURIFICATION OF ACID MINE	DRAINAGE PURIFICATION OF ACID MINE DRAINAGE BY N	64
MUTANTS ON ENVIRONMENT REVERSE OSMOSIS TREATMENT OF MINE	DRAINAGE ROADSIDE REST AREA STUDY SAFETY IN WAST	367
Y ANALYSES RIVERS-LAKES POPULATION BIOLOGY THERMAL-ACID	DRAINAGE SEWAGE INTERACTIONS ON PRIM PROD TACONI	387
P SHAWNEE LAKE BENTHIC MACROFAUNAL PRODUCTION ACID MINE	DRAINAGE STREAM BIOLOGICAL EFFECTS OF INDUSTRIAL	282
D WATER POLLUTION CONTROL REMOVAL OF IRON FROM ACID MINE	DRAINAGE WATERS DOWN WIND TRAVEL OF CHY EVEN SPI	783
UTILIZATION LAND STABILIZATION AND WATER UTILIZATION OF	DRASTICALLY DISTURBED AREAS CHEM. PHYS. BIOL. CH	529
ORDINANCE TERMINAL BRIDGE-TUNNEL CROSSING HAMPTON ROADS	DREDGE AND PILL PINE KNOLL SHORES BOGUE BANKS I	198
ARDOUS SPILLS OF TOXIC CHEMICALS ENVIRONMENTAL IMPACT OF	DREDGE DISPOSAL STREAM HYDROLOGIC STUDIES AND M	447
AND A RESOURCE CAPABILITY STUDY COMMUNITY SUCCESSION ON	DREDGE ISLAND REPRODUCTION BIOLOGY OF THE OSPREY	534
ECOSYSTEM QUANTITATIVE ANALYSIS EFFECTS OF DREDGING AND	DREDGE SPOIL DISPOSAL MARINE BENTHIC ECOLOGY CA	807
ENTAL MODIFICATION BY POLLUTION (MARINE-PHYSICAL- BIOL.)	DREDGE SPOIL DISPOSAL IN RHODE ISLAND SOUND CORR	555
TION; MARSH BUILDING STABILIZATION AND PRODUCTIVE USE OF	DREDGE SPOIL RECLAMATION AND STABILIZATION OF DU	801
CAPE COD BAY ECOSYSTEM QUANTITATIVE ANALYSIS EFFECTS OF	DREDGING AND DREDGE SPOIL DISPOSAL MARINE BENTH	807
ABLISHING WILDLIFE MANAGEMENT DEMONSTRATION AREAS STREAM	DREDGING COORDINATION FOREST WILDLIFE MANAGEMEN	626
WER PLANT CONTROLLED EROSION IN MONTSWEAG BAY EFFECTS OF	DREDGING IN BELFAST HARBOR MARINE BENTHIC COMMU	181
ITION ANAEROBIC WATER SYSTEMS TRACE METAL CYCLING DURING	DREDGING MID-ATLANTIC COASTAL ATMOSPHERIC PROCES	3
IVER EFFECT OF HIGHWAY CONSTRUCTION ON BOTTOMS EFFECT OF	DREDGING ON OYSTER BEDS UNDERWATER (USING SCUBA	444
ROBLEMS CUPSAW LAKE FLOOD CONTROL PROJECT SARITAN CENTER	DREDGING PROJECT ROUND VALLEY RESERVOIR CONSTRUC	66
NT WYOMING VALLEY SUSQUEHANA RIVER PA EIS MAINTENANCE	DREDGING ST. CATHERINE SD POTOMOC RIVER MD MA	48
IMPACT ANALYSIS DECIDUOUS FOREST BIOME NATURAL SYSTEMS	DREDGING SUNNY POINT MARINE ORDINANCE TERMINAL B	198
GANIZATION AND MANAGEMENT OF ENVIRONMENTAL FIELD STUDIES	DREDGING THAMES RIVER CT BLASTING IMPACT MARINE	80
COMMUNITY STRUCTURE AND DYNAMICS ENVIRONMENTAL IMPACT OF	DREDGING DUMPING NEW HAVEN HARBOR CONN. ECOLO	174
REGIONAL AIRPORT SITE SELECTION STUDY EFFECT OF MAINTENANCE	DREDGING-MOTSU ENVIRONMENTAL ASSESSMENT - LAZ. C	2
MARINE SNAIL EFFECTS OF HIGH TEMPERATURES ON L. LITTOREA	DRIPT BOTTLE STUDIES AT BODEGA HEAD CALIFORNIA	299
D ABOVE WATER SPECIALIZED CHEMISTRY - VITAMIN STUDY SOFT	DRINK ADDITIVES STUDY - WATER-SWEETNER SYSTEMS E	479
SPERSAL; BIOLOGY OF DIPTERA BIONOMICS OF MILKWEED BEETLE	DROSOPHILA DISPERSAL ANIMAL DI	520
AGRONOMY - TURFGRASS MANAGEMENT FORAGE CROPS MANAGEMENT	DROOTH COLD SHADE AND WEAR STUDIES WITH TUREGR	79P
HANISMS CONTROLLING ORGAN GROWTH IN MAMMALS MECHANISM OF	DRUG INDUCED LIVER GROWTH DAMAGE INDUCED GROWTH	20
SIDUES & TOXICOLOGY OF VETERINARY PRODUCTS BIOCHEMISTRY	DRUG METABOLISM RESIDUES OF VIRGINIAMYCIN IN SWI	185
LOGY; EMBRYOLOGY DRUG TOXICITY EFFECTS OF TRANQUILLIZING	DRUG ON RATS DOGS & HORSES CELLULAR & DEVELOP	426
ENTAL BIOLOGY; ELECTRONMICROSCOPY; HISTIOLOGY; EMBRYOLOGY	DRUG TOXICITY EFFECTS OF TRANQUILLIZING DRUG ON R	426
CIAL EMPHASIS ON OVULATION AND STEROIDOGENESIS EFFECT OF	DRUGS & HORMONES ON MEIOSIS & OVULATION REPRODU	667
ANALYSES OF FISHES AGE GROWTH AND DISTRIBUTION OF BLACK	DRUM ANALOG SIMULATION IN FISH POPULATION STUDIE	579
FOOD PRESERVATION OF FOOD WITHOUT REFRIGERATION FREEZE	DRYING FOOD WATER ACTIVITY AND FOOD PRESERVATION	79
ENTAL AND NATURAL SYSTEMS QUANTITATIVE METHODS FOR WATER	DUAL MONITOR DESIGN NAVY ENVIRONMENTAL PROTECTIO	50
D WETLAND ECOLOGY LEAD POISONING IN WATERFOWL CANVASBACK	DUCK LOUISIANA WETLANDS WATERFOWL AN	17
VY METALS IN WATER WINTER ECOLOGY SALT MARSHES AND BLACK	DUCKS ORNITHOLOGY WITH SPECIAL REFERENCE TO WAT	274
LANKTON ENVIRONMENTAL CONDITIONS ON MUNITION	DUMP SITES TRACE ELEMENT STUDIES ON DEEP WATER F	340
-ACID DRAINAGE SEWAGE INTERACTIONS ON PRIM PROD TACONITE	DUMPING LAKE SUPERIOR ECOLOGICAL WATER QUALITY A	387
STRUCTURE AND DYNAMICS ENVIRONMENTAL IMPACT OF DREDGING	DUMPING NEW HAVEN HARBOR CONN. ECOLOGICAL MONI	174
ONE ECOLOGY OF SMALL MAMMALS ON IRON-TITANIUM MINE WASTE	DUMES IN THE ADIRONDACK MOUNTAINS THE BIOLOGY OF	398
IVE USE OF DREDGE SPOIL RECLAMATION AND STABILIZATION OF	DUNES ON AMELIA ISLAND GRASSLAND FERTILITY AND	801
IMPACT STUDIES I-IV, SOUTH CAROLINA SALT MARSHES SAND	DUNES SOUTHEAST FLORA LONG ISLAND FLORA THE PL	687
E FISH AND WILDLIFE PRODUCTIVITY FOR RECREATION PURPOSES	DUR 24 TRAPPING BLUEGILL SUNFISH IN FARM PONDS L	777
SEWAGE DISSOLVED ORGANIC PHOSPHORUS FROM PHYTOPLANKTON:	DUR 48 MOSQUITO CONTROL DITCHES IN SALTMARSHES	406
P I 95 ENVIRONMENTAL STAFF ANALYSIS OF LEGAL FIGHTS AND	DURTIES ARISING FROM THE USE OF THE ENVIRONMENT R	422
SION OF WASTE TO FUEL GAS ENVIRONMENTAL IMPACT STATEMENT	DWARF LIG. BOT. RESOURCE RECYCLING CONVER	27
FRY IMPACT OF DYLOX ON AQUATIC VERTEBRATES MOVEMENTS OF	DWARF SUCKERS HOMING MECHANISMS LARVAL FISH EC	772
STUDY MAINE YANKEE HAMPTON HYDROGRAPHIC STUDY THE USE OF	DYE DIFFUSION SURVEY IN THERMAL PREDICTIVE STUDI	689
EMENT OF NOVEL WASTE TREATMENT ABATOR DECOLORIZATION OF	DYE PLANT EFFLUENTS MICROBIAL BIOCHEMISTRY AND	694
FISH BIOASSAY BRINE WASTES EVALUATION OF EFFECT OF 46	DYES ON FISH AND ALGAE COMPARISON OF ALUM AND IR	439
IDES IN FOREST AND AGRICULTURAL ECOSYSTEMS EVALUATION OF	DYLOX IN FOREST ECOSYSTEM EVALUATION OF SEVIN 4	786
FISH ECOLOGY ECOLOGY OF LIMNETIC BLUEGILL FRY IMPACT OF	DYLOX ON AQUATIC VERTEBRATES MOVEMENTS OF DWARF	772
ANT EFFECT OF POLLUTION ON BENTHIC ORGANISMS EFFECTS OF	DYLOX ON BENTHIC MACROFAUNA EFFECT OF CIRCULATIN	381
TEBRATES CULTIVATION OF MALARIA DESIGN AND OPERATION OF	DYNAMIC SYSTEMS FOR CULTIVATION OF PARASITES AND	728
RIVER FISHERIES PROGRAM ESTUARINE FISHERIES; POPULATION	DYNAMICS; EARLY LIFE HISTORY; TAXONOMY OF SCIAEN	137
NG STUDIES SMELT STUDIES TAGGING STUDIES AND POPULATION	DYNAMICS; RESEARCH ADMINISTRATION MARMAP FIELD O	195
IRONMENTAL BUOY DATA ANALYSIS LIGHTSHIP DATA AND WEATHER	E. COAST U.S. AIR SEA INTERACTION METEOROLOGY A	122
OIL RELATIONSHIPS AND PHYSIOLOGICAL ECOLOGY ST. LAWRENCE	E. ONTARIO SHORELINE STUDY BIOGENIC SILICA IN PL	250
OR TRANSMISSION LINE CORRIDOR WILDLIFE EVALUATION DRAFT	E.I.S. FOR HIGHWAY WILDLIFE BASELINE DATA FOR P	575
ICIAL INCUBATION OF SPARROW HAWK EGGS ECOLOGY OF AFRICAN	EAGLES COMPARATIVE FEEDING ECOLOGY OF BLACKBIRDS	665
GY ECOLOGY OF CARIBOU POPULATION ECOLOGY OF THE ZEBRA	EAST AFRICA VERTEBRATE ECOLO	653
MENTAL IMPACT OF GRAND PROJECTS IMPACT ASWAN HIGH DAM ON	EAST MEDITERRANEAN ENV. IMPACT OF SLEEP HOLLOW D	252
ICS DISTRIBUTION ECOLOGY BEHAVIOR OF FISHES ZOOGEOGRAPHY	EAST U.S. FRESHWATER FISHES SURVEY RARE ENDANGER	369
OSQUITOES INSECTS OF MEDICAL IMPORTANCE EPIDEMIOLOGY OF	EASTERN EQUINE ENCEPHALITIS PHYSIOLOGICAL AGE OF	499
OGY/MANAGEMENT MODEL OF FORESTS OF GLACIER NATIONAL PARK	EASTERN HEMLOCK IN DECIDUOUS FORESTS MANAGEMENT	392
ISTRIBUTION ECOLOGY AND SYSTEMATICS OF SMALL MAMMALS IN	EASTERN NORTH AMERICA MICROHABITAT SELECTION IN	398
MEAS SOLAR RAD. EFFECTS OF FIRE ON PLANT COMMUNITIES IN	EASTERN NORTH AMERICA NATURAL AREA SURVEY OF WAS	710
W IN FISH POPULATION STUDIES MARINE FISHES OF VIRGINIA'S	EASTERN SHORE POPULATION BIOLOGY AND AGE GROWT	579
COPLANKTON ECOLOGY OF ESTUARIES SURVEY OF ZOOPLANKTON OF	EASTERN SHORE VIRGINIA PHYTOPLANKTON AND Z	86
LATES EFFECTS OF CUTTING ON DEER FOOD PRODUCTION FORAGES	EATEN BY DEER IN THE SOUTHEAST SIMULATED BROWSN	303
ASPECIFIC VARIATION IN PUCUS VESICULOSUS SHALLOW MARINE	ECHINODERM BIOLOGY-ECOLOGY HOLOTHURIANS (COLD WA	380
ENVIRONMENTAL EDUCATION PHILOSOPHY AND DEVELOP. OF ENV.	ECO. CENTER FERRAL CAT PREDATION & POPULATION DY	379
FISHING EXPENDITURE ANALYSIS ENVIRONN IMPACT - TERRESTRIAL	ECOL - WASTEWATER DISP. RESOURCE ECONOMICS ESP	231
ANIMALS APPL. EGG TRANSFER IN INDUCTION TWINS IN CATTLE	ECOL. INFL. HEALTH REPROF. WILDLIFE IN S.E. FORE	614
UTIONARY ASPECTS CHM. WORK GRP. 4 OF THE CONF. ON GLOEAL	ECOL. PROBLEMS TIE ADVISORY COUNCIL FOR URBAN EC	358
TE DISPOSAL NORTHPORT NY HYDROTHERMAL SURVEY LYNN MASS.	ECOLOGIC SURVEY EGG HARBOR NY HYDROTHERMAL SURV	143
DONG OF INT. PEL. OF REC. POPULATION BIOLOGY BOTH ITS	ECOLOGICAL AND ITS EVOLUTIONARY ASPECTS CHM. WOR	358

TABLE 2 - RESEARCH OR CONSERVATION EXPERIENCE AND PROFESSIONAL FIELD

OS SYSTEMS BEHAVIORAL ASPECTS OF MIMICRY EVOLUTIONARY	ECOLOGICAL AND POPULATION GENETICS OF MAN AND IN	732
DESERT PLANT - ARTHROPOD ASSOCIATIONS COMMUNITY ECOLOGY	ECOLOGICAL ASPECTS OF REPRODUCTIVE ISOLATION IN LVGARDI	119
RESPONSES OF FISHES TO ORGANIC CHEMICALS BEHAVIORAL	ECOLOGICAL ASPECTS OF THERMAL AND CHEMICAL POLLU	476
BY POLLUTION ECOLOGICAL EFFECTS OF NUCLEAR POWER PLANTS	ECOLOGICAL ASSESSMENT OF LIQUID NATURAL GAS ECOI	511
IMPACT STUDY COMPUTERIZATION OF SEWAGE TREATMENT PLANTS	ECOLOGICAL ASSESSMENT OF POWER PLANT OIL SPILL	163
POWER PLANTS ECOLOGICAL ASSESSMENT OF LIQUID NATURAL GAS	ECOLOGICAL ASSESSMENT OF SWG PLANT ECOSYSTEMS A	511
RBAN ENVIRONMENTS AND PETROLEUM - ENVIRONMENTAL PROBLEMS	ECOLOGICAL BASELINE STUDY OF THE MID-ATLANTIC BI	313
EMS ECOLOGICAL BASELINE STUDY OF THE MID-ATLANTIC BIGHT	ECOLOGICAL BASELINE STUDY OF THE N.P. GULF OF ME	314
RINE NEMATODES PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES	ECOLOGICAL CONSULTANT ON THERMAL STRESS ECOLOGY	726
AN PRODUCTIVITY POLLUTION LIGHT PENETRATION IN SEA AND	ECOLOGICAL EFFECTS BIOLUMINESCENCE AND ITS ECOLO	132
IRRIGATION WILD ANIMAL POPULATION-HABITAT RELATIONSHIPS	ECOLOGICAL EFFECTS OF CLEARCUTTING ECOLOGICAL EF	797
SWG PLANT ECOSYSTEMS AS THEY ARE EFFECTED BY POLLUTION	ECOLOGICAL EFFECTS OF NUCLEAR POWER PLANTS ECOLO	511
ANTS AND PEST MANAGEMENT ECOLOGICAL IMPACT OF PESTICIDES	ECOLOGICAL EFFECTS OF PESTICIDES ON NON-TARGET O	552
HABITAT RELATIONSHIPS ECOLOGICAL EFFECTS OF CLEARCUTTING	ECOLOGICAL EFFECTS OF PRESCRIBED FIRE WILDLIFE R	747
AND SEDIMENT ANALYSIS MICROBIOLOGY SO. SHORE LONG ISLAND	ECOLOGICAL EFFECTS TRANSPORT FACILITIES WESTCHES	113
	ECOLOGICAL ENERGETICS AND SYSTEMS ANALYSIS	676
	ECOLOGICAL ENERGETICS OF AQUATIC INVERTEBRATES	676
ON RATES OF CHIPMUNK POPULATIONS POPULATION BIOLOGY AND	ECOLOGICAL ENERGETICS OF SMALL MAMMALS IN FOREST	276
SMALL BOAT MARINAS STIMULATION MODEL OF MARRAGASSETT BAY	ECOLOGICAL ENERGETICS SYSTEMS ANALYSIS SIMULATIO	577
RE, DEER, AND FISHER GENERAL ECOLOGY WILDLIFE ECO	ECOLOGICAL ENERGETICS WILDLIFE PHYSIOLOGY EVALU	613
P ARTIFICIAL EUTROPHICATION ON FRESHWATER COMMUNITIES AN	ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION F	245
MONITORING TROPHOGENIC ECOLOGY OF SOUTHWESTERN RESERVOIRS	ECOLOGICAL IMPACT OF AUBRY RESERVOIR ECOLOGICAL	469
OLING MOLLUSCS CINEMATOGRAPHIC STUDIES OF FOULING LARVAE	ECOLOGICAL IMPACT OF NUCLEAR PLANT N.H. COAST	162
MENT ECOLOGICAL IMPACT OF POLLUTANTS AND PEST MANAGEMENT	ECOLOGICAL IMPACT OF PESTICIDES ECOLOGICAL EFFEC	552
ULATION ECOLOGY AND GENETICS; PEST POPULATION MANAGEMENT	ECOLOGICAL IMPACT OF POLLUTANTS AND PEST MANAGEM	552
OF WETLANDS EDITORIAL CONSULTANT ENVIRONMENTAL ADVISOR	ECOLOGICAL IMPLICATION OF BROAD SPECTRUM PESTICI	488
N INSTRUMENT MONITORING TECHNIQUES IN A LARGE RIVER SYSTEM	ECOLOGICAL INVESTIGATION OF THE SCHUYLKILL RIVER	337
THE VICINITY OF THE LIMPRICK NUCLEAR GENERATING STATION	ECOLOGICAL INVESTIGATION OF THE SCHUYLKILL RIVER	337
S OF ESTUARINE MARSH ECOLOGY OF A NEW ENGLAND SALT MARSH	ECOLOGICAL MODEL OF MARRAGASSETT BAY SOLID WASTE	528
DUOUS FORESTS MANAGEMENT IMPACTS UPON CONNECTICUT RIVER	ECOLOGICAL MODELS - STIMULATION PLANT ECOLOGY/MA	392
TAL IMPACT OF DREDGING DUMPING NEW HAVEN HARBOR CANAL	ECOLOGICAL MONITORING PROGRAM NEW HAVEN HARBOR	174
- ECOLOGICAL MONITORING PROGRAM NEW HAVEN HARBOR CANAL	ECOLOGICAL MONITORING PROGRAM STAMFORD HARBOR	174
REPLICATION OF INTERMEDIA ANALYSIS FORMAT REG. FORM AND	ECOLOGICAL PLAN SYSTEM MEMBERS OF MY FIRM PEPRE	268
EFFECTS BIOLUMINESCENCE AND ITS ECOLOGY APPLICATION OF	ECOLOGICAL PRINCIPLES TO THE AQUATIC ENVIRONMENT	132
ON APPLICATION OF STATISTICAL THEORY AND METHODOLOGY TO	ECOLOGICAL PROBLEMS WINTERAL DISTRIBUTION OF COT	662
STUDY PREHISTORIC HUMAN ECOLOGY OF US DESERTS RESE	ECOLOGICAL PROJECT	723
BLUE RIDGE MOUNTAINS SMALL MAMMALS OF PIEDMONT FOREST	ECOLOGICAL RELATIONSHIPS OF VERTEBRATE ANIMALS;	116
CE B. ONTARIO SHORELINE STUDY BIOGENIC SILICA IN PLANTS-	ECOLOGICAL SIGNIFICANCE DYNAMICS OF FORESTS IN C	250
MARINE AMPHIPOD CRUSTACEANS MARINE AMPHIPOD CRUSTACEAN	ECOLOGICAL SIGNIFICANCE OF COASTAL WETLANDS SHA	159
ENT CYCLING IN FOREST ECOSYSTEM LAND USE IN RELATION TO	ECOLOGICAL STABILITY - ECOSYSTEM MANAGEMENT & PR	374
CONDARY PRODUCTIVITY OF ESTUARINE AND COASTAL ECOSYSTEMS	ECOLOGICAL STABILITY OF NORTH CAROLINA HARRIP R	521
SEARCH SPECIALIST RESEARCH ASSISTANT RESEARCH ASSISTANT	ECOLOGICAL STUDIES - HABITAT MANIPULATIONS IN WI	167
SE OF DYE DIFFUSION SURVEY IN THERMAL PREDICTIVE STUDIES	ECOLOGICAL STUDIES CONNECTICUT RIVER HYDROGRAPHY	649
WATER RESOURCE MANAGEMENT WILDLIFE	ECOLOGICAL STUDIES ECOLOGICAL STUDY OF DESERT QU	33
WILDLIFE PROGRAMS MANAGEMENT OF WILDLIFE ON 3000 ACRES	ECOLOGICAL STUDIES FARM GAME INSPECT FACTORS O	433
WILDLIFE LAW ENFORCEMENT BLACKBIRD DEPREDACTIONS STUDIES	ECOLOGICAL STUDIES OF BIRD DEPREDACTIONS STUDIES	330
Y METALS PLANT AND ANIMAL DISTRIBUTION ABUNDANCE DENSITY	ECOLOGICAL STUDIES WILDLIFE INDICATORS OF ENVIRO	369
EFFECT OF TEMPERATURE AND DIET ON GROWTH SCOPOLAPTE	ECOLOGICAL STUDY FISHERY SCIENCE E	143
OD HABITS OF FISHES OF SCHUYLKILL RIVER SCHUYLKILL RIVER	ECOLOGICAL STUDY FISH FOOD AND FEEDING HABITS I	698
FLOOD PROTECTION STUDY SCHUYLKILL RIVER ECOLOGICAL STUDY	ECOLOGICAL STUDY DELAWARE RIVER ESTUARY AQUATIC	183
EVELS HARTTSBURG FLOOD PROTECTION STUDY SCHUYLKILL RIVER	ECOLOGICAL STUDY ECOLOGICAL STUDY DELAWARE RIVER	143
ODGH ADULT FISHES RESEARCH BIOLOGIST - CONNECTICUT RIVER	ECOLOGICAL STUDY EFFECTS OF WATER DIVERSIONS IN	466
L STUDY OF DELAWARE RIVER NEAR BORDENTOWN NJ NJ MARINE	ECOLOGICAL STUDY NEAR LITTLE EGGS INLET MARINE M	457
TER FISHERIES IN NE UNITED STATES; COLLECTION & ANALYSIS	ECOLOGICAL STUDY OF DELAWARE RIVER NEAR BORDENTO	457
MANAGEMENT WILDLIFE ECOLOGICAL STUDIES	ECOLOGICAL STUDY OF DESERT QUAIL WATER RESOURCE	73
POZONA EFFECT OF CIRCULATING WATER SYSTEMS LAKE ONTARIO	ECOLOGICAL STUDY OF THREE POSSIBLE POWER SITES P	341
TION NEW JERSEY MARINE ECOLOGICAL STUDY SCHUYLKILL RIVER	ECOLOGICAL STUDY PUFFER TOXIN OF SPH-EROLIDES TES	447
SHERY BIOLOGY ENVIRONMENTAL POLLUTION NEW JERSEY MARINE	ECOLOGICAL STUDY SCHUYLKILL RIVER ECOLOGICAL STU	447
RE POWER PLANT ENERGY FLOW THROUGH UCA BIGHAX POPULATION	ECOLOGICAL SURVEY COASTAL REGION OF GEORGIA SAL	635
STEMS SOIL SURVEY FOR USE IN DEVELOPMENT AND MANAGEMENT	ECOLOGICAL SURVEY FAIRMONT PARK PHILADELPHIA PA	301
VIRONMENTAL FACTORS (TEMPERATURE FORESTS BCGS ARCTIC)	ECOLOGICAL SURVEY FOR FORESTS AND WILDLIFE DEEF	171
BLUE GREEN ALGAE AND EUTROPHICATION OF COASTAL PONDS	ECOLOGICAL SURVEY OF A COASTAL BRACKISH LAKE	501
THALS IMPACT OF TROPICAL STORM AGNES ON DELAWARE ESTUARY	ECOLOGICAL SURVEY OF C & D CANAL LONG-TERM EFFEC	717
AND ENDANGERED ANIMALS ECOSURVEY OF CAPE VINCENT NEW YORK	ECOLOGICAL SURVEY OF DEER HICV INTERPRETING NAT	540
LATIONS LIZARD ECOLOGY SQUIRREL COMPETITION AND FOOD	ECOLOGICAL SURVEY OF TERRESTRIAL VERTEBRATE POPU	215
RESEARCH AND SURVEY WORK IN AQUATIC ECOLOGY	ECOLOGICAL SURVEY OF THE SCHUYLKILL RIVER	554
WESTERN RESERVOIRS ECOLOGICAL IMPACT OF AUBRY RESERVOIR	ECOLOGICAL SURVEY OF WHITE ROCK LAKE AQUATIC EC	469
E ENDANGERED SPECIES AND IN LATIN AMERICA AND CARIBBEAN	ECOLOGICAL SURVEY VOLCANO BARDU PROPOSED NATIONAL	418
AND WOOLY PLANTS OF MARYLAND NERSTADTAL VASCULAR PLANTS	ECOLOGICAL SURVEY-POWER PLANT SITES ECOLOGY AND	63
ENGINEERING SITING AND OPERATION OF NUCLEAR POWER PLANTS	ECOLOGICAL SURVEYS OF POWER PLANT SITES ENVIRONM	693
PLANT AND SOIL SCIENCES AND THEIR RELATIONSHIP TO	ECOLOGICAL SYSTEMS	506
INTERACTIONS OF PRLA PROD TACHITE DRIPPING LARE SURF OR	ECOLOGICAL WATER QUALITY ANALYSES RIVERS-LAKES	347
ENAL RESOURCES OF CRYSTAL PARK SITE NY CT. NY DEPA	ECOLOGIST UPPER TROPHIC LEVELS ECOSYSTEM MONIT	130
E TREE SEEDLINGS GRASSLAND PRODUCTION AND METHODS PLANT	ECOLOGISTS SALT MARSHES DECIDUOUS FORESTS DELA	264
	ECOLOGICAL POPULATION	4
	ECOLOGICAL POPULATION	420
	ECOLOGICAL POPULATION	440
	ECOLOGICAL POPULATION	464
	ECOLOGICAL POPULATION	537
	ECOLOGICAL POPULATION	666
	ECOLOGICAL POPULATION	743
	ECOLOGICAL POPULATION	739
	ECOLOGICAL POPULATION	132
	ECOLOGICAL POPULATION	414
	ECOLOGICAL POPULATION	215

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PUBLISHED FIELD

MEXICO-BLACK RIVER NUCLEAR SITING STUDY MISSOURI STATE	ECOLOGY	216
COASTAL IMPROVEMENTS OPEN MARSH WATER MANAGEMENT WETLANDS	ECOLOGY	216
STUDY SYMPATRY OF RED HEADED & LEWIS WOODPECKERS WILDLIFE	ECOLOGY	291
PLAN BERRY COUNTY LOCAL GOVERNMENT PLAN PHYSIOLOGICAL	ECOLOGY	385
RELATION DYNAMICS OF RAPTORS IN SHORTGRASS PRAIRIE ADAPTA-	ECOLOGY	523
TION PLANKTONIC FORAMINIFERAL ECOLOGY AND PALEOECOLOGY	ECOLOGY	355
TER FERRAL CAR PREDATION & POPULATION DYNAMICS WILDLIFE	ECOLOGY	379
AIR PARTICULATE SAMPLING EQUIPMENT PLANT PHYSIOLOGICAL	ECOLOGY	477
TURE IN FISH VERTEBRATE BEHAVIOR AND ECOLOGY POPULATION	ECOLOGY	473
SUM REVISION & COMPARATIVE BIOLOGY OF TUFFISHES MARINE	ECOLOGY	191
BEN ALGAE PHYSIOLOGICAL PLANT ECOLOGY AND PLANT SYSTEMS	ECOLOGY	533
PROJECTS STATE PLAN FOR ENVIRONMENTAL EDUCATION ANIMAL	ECOLOGY	270
RESERVOIR ECOLOGICAL SURVEY OF WHITE ROCK LAKE AQUATIC	ECOLOGY	469
CI OF BIRD DEPREATION ON AGRICULTURAL CROPS VERTEBRATE	ECOLOGY	101
WAL IMPACTS IN ESTUARIES AND COASTAL WATERS POWER PLANT	ECOLOGY	729
NEAB AGRIC. UNIV. INDIA RESEARCH ALKALI BEE MANAGEMENT	ECOLOGY	43
POWER PLANT ECOLOGY - HUDSON RIVER NEW YORK POWER PLANT	ECOLOGY	729
ROOT ZONE	ECOLOGY	172
RAPHY MARINE PHYTOPLANKTON AND ANGIOSPERM PHYSIOLOGICAL	ECOLOGY	458
BROAD NATURAL HISTORY ESPECIALLY BIRD MAMMAL AND FISH	ECOLOGY	210
NS BEHAVIOR SYMPARTRIC ARIZONA GRASSLAND SPARROWS AVIAN	ECOLOGY	730
IMPACT EVALUATION IMPACT EVALUATION OF NUCLEAR FACILITY	ECOLOGY	225
WILDLIFE SURVEY ANEGADA ISLAND BRITISH VIRGIN ISLANDS	ECOLOGY	408
IS REPRODUCTIVE PATTERN IN WILD MICE EXPERIMENTAL WERT.	ECOLOGY	78
N ON POPULATION REGULATION POPULATION	ECOLOGY	131
OCKAWAY VALLEY REG. SEM. AUTH. ENV. ASSESSMENT PLANKTON	ECOLOGY	467
QUALITY AND PHYLOGENY SPACE SHARING IN FISH COMMUNITIES	ECOLOGY	658
RMGUS ALUSA PSEUDOHARENGUS POPULATION MODELING AQUATIC	ECOLOGY	376
COASTAL ECOSYSTEMS ECOLOGY OF MARSH VEGETATION	ECOLOGY	94
TROLLED SPawning OF FRESH WATER/MARINE TELEOST BEHAVIOR	ECOLOGY	176
N CYCLES IN RATS MOUSE DEMOGRAPHY ON ISLANDS POPULATION	ECOLOGY	712
EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS POPULATION	ECOLOGY	552
TON TAXONOMY AND ECOLOGY AND ITS ROLE IN MINERAL CYCLING	ECOLOGY	320
DLIFE WILDLIFE RESOURCES, ST. LAWRENCE BASIN VERTEBRATE	ECOLOGY	762
.E. GULF OF MEXICO CLEANING OF OILED WATERPOWL WILDLIFE	ECOLOGY	313
OF LAKE KIVU-CENTRAL AFRICA PHYTOPLANKTON TAXONOMY AND	ECOLOGY	320
OLOGICAL STUDY OF FONTANA RESERVOIR FISHERY MANAGEMENT	ECOLOGY	441
LED GROUSE PARASITES OF BIG GAME IN SOUTH DAKOTA ANIMAL	ECOLOGY	67
AVIOR IN BEAVER FOREST WILDLIFE MGT. FRESHWATER WETLAND	ECOLOGY	416
SYSTEMS POPULATION DYNAMICS OF FOREST INSECTS POPULATION	ECOLOGY	759
AND MAMMALS THE	ECOLOGY	138
TING ON BIRD POPULATIONS HABITAT REQUIREMENTS OF RAVEN	ECOLOGY	341
VIRGIN ISLANDS ECOLOGY AND CONSERVATION, ATITLAN GREVE,	ECOLOGY	408
L-ARD WILDLIFE RESEARCH PROJECTS WATERPOWL AND WETLANDS	ECOLOGY	224
Y AND ECOLOGY OF BIRDS AND MAMMALS OF UTAH LIFE HISTORY	ECOLOGY	919
ION ON OLD FIELDS SYSTEMS ECOLOGY SYSTEMS	ECOLOGY	312
E CASSETTES VERTEBRATE	ECOLOGY	714
LOGICAL MAPPING AND PREDICTION PLANKTONIC FORAMINIFERAL	ECOLOGY	355
IC COASTAL PLAIN ECOLOGY OF FLORIDA BAY FORAMINIFERIDA	ECOLOGY	445
EAT TO SOIL REVEGETATION OF SPOIL AND REFUSE BANKS GROW	ECOLOGY	474
ND CHEMISTRY MICROBIAL (ALGAL BACTERIAL FUNGAL ETC.)	ECOLOGY	532
GROWTH OF CERTAIN BLUE-GREEN ALGAE PHYSIOLOGICAL PLANT	ECOLOGY	533
HASSET BAY GROUND RECHARGE IN SUFFOLK COUNTY ESTUARINE	ECOLOGY	240
ACHES ENV. ASS. OF CRABTREE CREEK FLOOD CONTROL PROJECT	ECOLOGY	734
GENETICS OF PASSERINE NESTLINGS VERTEBRATE PHYSIOLOGICAL	ECOLOGY	65
GERMINATION PRIMARY PRODUCTIVITY OF ASPEN FOREST PLANT	ECOLOGY	144
GIRARD FORM CLASS ESTIMATIONS ECOLOGY OF REDWOOD FOREST	ECOLOGY	782
ER BANKS, NORTH CAROLINA THE ISOLATED FORMS OF RACCOONS	ECOLOGY	418
AM MANAGEMENT AND DEVELOPMENT - NYS SEA GRANT	ECOLOGY	682
ATHRIGHT DAM SITE LOCATION FOR HAMPTON ROADS SPOIL BANK	ECOLOGY	62
US MANICULATUS NUBITERRAE: SYSTEMATICS AND DISTRIBUTION	ECOLOGY	398
ALGAL ECOLOGY DIATOM AND BLUE-GREEN ALGAE	ECOLOGY	679
IC ECOSYSTEMS PARASITIC AND SAPROPHYTIC ANTARCTIC FUNGI	ECOLOGY	536
GY PHYSIOLOGICAL ECOLOGY OF AQUILEGIA TERRESTRIAL PLANT	ECOLOGY	415
LOGY OF INTEPTIDAL MARINE ALGAE	ECOLOGY	740
MAL EFFECT ON THE CONNECTICUT RIVER MARINE MICROBIOLOGY	ECOLOGY	91
EMENT OF STRIPED BASS POPULATION POPULATION PARAMETERS	ECOLOGY	275
DAL VASCULAR PLANTS ECOLOGICAL SURVEY-POWER PLANT SITES	ECOLOGY	83
EMENT IN COLD REGIONS U.S. TUNDRA BIOME ISB COLD REGION	ECOLOGY	82
WARM-BLOODED VERTEBRATE POPULATION	ECOLOGY	669
ALE WOODCOCK ECOLOGY OF ROFFED GROUSE IN MAINE WILDLIFE	ECOLOGY	618
EW MEXICO EVOLUTIONARY BIOLOGY OF MAMMALS AND	ECOLOGY	790
VIRGINIA VEGETATION OF FARRMORE ISLAND, VIRGINIA PLANT	ECOLOGY	310
CONTROL - PHYSICAL CHEMICAL AND BIOLOGICAL AND AQUATIC	ECOLOGY	85
MP STORAGE PROJECT ICHTHOLOGY:SYSTEMATICS DISTRIBUTION	ECOLOGY	369
ICAL STUDIES OF BIRD DEPREATIONS STUDIES OF POPULATION	ECOLOGY	330
TS OF DREDGING AND DREDGE SPOIL DISPOSAL MARINE BENTHIC	ECOLOGY	807
LING EQUIPMENT PLANT PHYSIOLOGICAL ECOLOGY & POPULATION	ECOLOGY	477
ND PHENOLOGY ESPECIALLY PARASITIC INSECTS CARRION INSECT	ECOLOGY	373
DICATORS OF ENVIRONMENTAL STRESS VETERINARY SCIENCE AND	ECOLOGY	754
AL DISCHARGES ON HUDSON FISH ESTUARINE FISH BIOLOGY AND	ECOLOGY	35
SPECIES MICROBIAL PHYSIOLOGY AND	ECOLOGY	686
YGAEIDS DESERT PLANT - ARTHROPOD ASSOCIATIONS COMMUNITY	ECOLOGY	119
R RESEARCH AND SURVEY WORK IN AQUATIC	ECOLOGY	554
S OPEN MARSH WATER MANAGEMENT WETLANDS ECOLOGY WETLANDS	ECOLOGY	216
HERMAL AND INDUSTRIAL EFFLUENT EFFECTS	ECOLOGY	98
WETLANDS ECOLOGY ECOLOGY MARSHLANDS AND	ECOLOGY	216
BEHAVIOR OF LEWIS WOODPECKERS BEHAVIO	ECOLOGY	291
COMPREHENSIVE ENVIRONMENTAL PLANNING S	ECOLOGY	385
MAMMALIAN AND COMPARATIVE PHYSIOLOGY B	ECOLOGY	523
PALEOECOLOGY FORAMINIFERA INDIAN OCEAN	ECOLOGY	355
POPULATION DYNAMICS ENVIRONMENTAL EDU	ECOLOGY	379
POPULATION ECOLOGY CONSULTATION FOR THE	ECOLOGY	477
SOCIAL ETHOLOGY OF POECILIOPSIS BEHAVI	ECOLOGY	473
SYSTEMATICS OF FISHES FISH STOCKS OF T	ECOLOGY	191
ALLELOPATHY A STUDY OF THE EFFECT OF C	ECOLOGY	533
ENVIRONMENTAL INFLUENCES ON BEHAVIOR S	ECOLOGY	270
EUTROPHICATION PROCESSES AND BIOLOGICA	ECOLOGY	469
EVOLUTIONARY PHYSIOLOGICAL AND POPULAT	ECOLOGY	101
HUDSON RIVER NEW YORK POWER PLANT ECO	ECOLOGY	729
INSECT AND ANIMAL BEHAVIOR SYMBIOSIS	ECOLOGY	43
NEW HAVEN HARBOR CONN. ENVIRONMENTAL	ECOLOGY	729
RHIZOSPHERE MYCORRHIZA PLANT PATHOLOGY	ECOLOGY	172
AERIAL SURVEILLANCE SPILL PREVENTION APP	ECOLOGY	458
CONSULTANT SERVICES HAVE BEEN WITHOU	ECOLOGY	210
BEHAVIOR COMPARATIVE STUDIES OF CANY	ECOLOGY	730
BEHAVIOR OF RED AND GRAY FOXES WILD	ECOLOGY	225
AND CONSERVATION ATITLAN GREVE ECOLOG	ECOLOGY	408
CYTOGENETICS WITH EMPHASIS ON MAMMAL	ECOLOGY	78
ECOSYSTEM ECOLOGY EFFECT OF PREDATIO	ECOLOGY	131
ENVIRONMENTAL STRESS FRESH-WATER AN	ECOLOGY	467
EVOLUTION OF FISHES SURVEY OF BAHAMI	ECOLOGY	658
FISHERIES BIOLOGY LIFE HISTORY OF DO	ECOLOGY	376
AND PLOETISTICS OF FRESHWATER MARSHES AND	ECOLOGY	94
AND FOOD RELATIONSHIPS OF TROPICAL MARIN	ECOLOGY	176
AND GENETICS OF RODENTS GENETICS OF MOUS	ECOLOGY	712
AND GENETICS; PEST POPULATION MANAGEMEN	ECOLOGY	552
GEOCHEMICAL SIGNIFICANCE OF DIATOMS	ECOLOGY	320
HABITAT SELECTION BIRD POPULATION EP	ECOLOGY	762
AND ITS APPLICATION TO URBAN ENVIRONMENT	ECOLOGY	313
AND ITS ROLE IN MINERAL CYCLING ECOLOGY	ECOLOGY	320
LIMNOLOGY EFFECT OF CHANNELIZATION O	ECOLOGY	441
AND MANAGEMENT AND TEACHING ENVIRONMENTA	ECOLOGY	67
AND MANAGEMENT MODEL FOR PUBLIC MGT. OF	ECOLOGY	416
AND MANAGEMENT OF DESTRUCTIVE FOREST IN	ECOLOGY	759
AND MANAGEMENT OF GAME SPECIES OF BIRDS	ECOLOGY	138
AND MANAGEMENT OF NONCONSUMPTIVE WILDLIF	ECOLOGY	341
AND MANAGEMENT OF WILDLIFE ESPECIALLY RA	ECOLOGY	408
AND MANAGEMENT RESEARCH AND ADMINISTRAT	ECOLOGY	224
AND MIGRATION OF PELAGIC BIRDS LIFE HIS	ECOLOGY	919
AND MULTIPLE-USE DECISION MAKING SUCCESS	ECOLOGY	312
AND PALEOECOLOGY FEEDER RESEARCH BIRD SOUN	ECOLOGY	714
AND PALEOECOLOGY ECOLOGY & PALEOECOLOGY	ECOLOGY	355
AND PALEOECOLOGY OF FORAMINIFERIDA LATE	ECOLOGY	445
AND PHYSIOLOGY ECOSYSTEMS PRODUCTIVITY	ECOLOGY	474
AND PHYSIOLOGY TESTING MODELS FOR ANTARC	ECOLOGY	532
AND PLANT SYSTEMS ECOLOGY - ALLELOPATHY	ECOLOGY	533
AND POLLUTION CONTROL SURFACE WATER MOVE	ECOLOGY	240
AND POPULATION DYNAMICS OF FRESH WATER A	ECOLOGY	734
AND POPULATIONS HOUSE SPARROW ENERGETICS	ECOLOGY	65
AND PRIMARY PRODUCTIVITY; RESOURCE MANAG	ECOLOGY	144
AND SILVICULTURE FOREST MENSURATION TE	ECOLOGY	782
AND SYSTEMATICS OF COASTAL AND INSULAR T	ECOLOGY	418
AND SYSTEMATICS OF DEEP SEA CORALS PROGR	ECOLOGY	682
AND SYSTEMATICS OF FISHES BIOLOGICAL SUR	ECOLOGY	62
AND SYSTEMATICS OF SMALL MAMMALS IN EAST	ECOLOGY	398
AND SYSTEMATICS POLLUTION MONITORING	ECOLOGY	679
AND TAXONOMY AQUATIC FUNGI MODELING OF A	ECOLOGY	536
AND TAXONOMY DETERMINE SPEED OF GERMINAT	ECOLOGY	415
AND TAXONOMY OF MARINE BENTHIC ALGAE ECO	ECOLOGY	740
AND TAXONOMY OF MARINE YEASTS SEWAGE EFF	ECOLOGY	91
AND TAXONOMY OF MARINE ZOOPLANKTION ZOOPL	ECOLOGY	275
AND TAXONOMY OF VASCULAR PLANTS OF MARVL	ECOLOGY	83
AND TERRAIN OIL SPILL AND CLEAN UP ARCT	ECOLOGY	82
AND WILDLIFE MANAGEMENT	ECOLOGY	669
AND WILDLIFE MANAGEMENT UPLAND AND BIG	ECOLOGY	618
ANIMAL - PLANT INTERACTIONS MAMMALS OF N	ECOLOGY	790
AS RELATED TO PLANT GEOGRAPHY AND PALEOE	ECOLOGY	310
ATP IN PLANKTON AS MEASURE OF BIOMASS	ECOLOGY	85
BEHAVIOR OF FISHES ZOOGEOGRAPHY EAST U.S	ECOLOGY	369
CANADA GRESE WILDLIFE ECOLOGY; WILDLIFE	ECOLOGY	330
CAPE COD BAY ECOSYSTEM QUANTITATIVE ANAL	ECOLOGY	807
CONSULTATION FOR THE PURCHASE OF AIR PART	ECOLOGY	477
CULEX SPP. DIAPAUSE & GEOGRAPHIC DISTRIB	ECOLOGY	373
DEGREE CANDIDATE ENVIRONMENTAL IMPACT ST	ECOLOGY	754
DISTRIBUTION AGE AND ECOLOGY OF SPOTTED	ECOLOGY	35
DNA SEQUENCE RELATIONSHIPS AMONG VIBRIO	ECOLOGY	686
ECOLOGICAL AND REPRODUCTIVE ISOLATION IN	ECOLOGY	119
ECOLOGICAL SURVEY OF THE SCHUYLKILL RIVE	ECOLOGY	554
ECOLOGY ECOLOGY MARSHLANDS AND COASTAL IMPOUNDME	ECOLOGY	216

TABLE 3 - RESEARCH OR CONSTITUTION EXPERIENCE AND PRINCIPAL FIELD

THE ZEBRA IN EAST AFRICA	VERTEBRATE	ECOLOGY	ECOLOGY OF CARIBOU POPULATION	ECOLOGY OF	6	
VENTS OF DWARF SUCKERS, HOMING MECHANISMS	LARVAL FISH	ECOLOGY	ECOLOGY OF LIMNETIC BLUEGILL FRY IMPACT OF	ECOLOGY	7	
ECOLOGICAL ENERGETICS SYSTEMS ANALYSIS	SIMULATION MARSH	ECOLOGY	ECOLOGY OF SMALL BOAT MARINE PLANTATION	ECOLOGY	7	
PROPOSED RESERVOIRS, WEST VIRGINIA	AQUATIC MICROBIAL	ECOLOGY	ECOSYSTEMATIC STUDY OF CEDAR BOG, OHIO	ECOLOGY	8	
ADONA	ESTUARINE BENTHIC	ECOLOGY	EFFECT OF HEATED EFFLUENT ON BENTHIC INF	ECOLOGY	74	
TION	POPULATION ECOLOGY AND ECOSYSTEM	ECOLOGY	EFFECT OF PREDATION ON POPULATION REGULA	ECOLOGY	1	
OIL SPILL AND CLEAN UP	ARCTIC SOILS PERMAFROST TUNDRA	ECOLOGY	ENVIRONMENTAL MANAGEMENT IN COLD REGIONS	ECOLOGY	17	
ITY ECOLOGY AND BEHAVIOR OF RED AND GRAY FOXES	WILDLIFE	ECOLOGY	ESPECIALLY ANIMAL BEHAVIOR POPULATION B	ECOLOGY	22	
XAS WETLAND PLANT DISTRIBUTION IN TIDEWATER, MD	WETLANDS	ECOLOGY	ESPECIALLY IN REFERENCE TO PLANT TAXONOMY	ECOLOGY	15	
ES COMPARATIVE FEEDING	ECOLOGY OF BLACKBIRDS	VERTEBRATE	ECOLOGY	ECOLOGY	61	
MARSH ECOLOGY	MARINE OIL POLLUTION MID-WATER TO BENTHIC	ECOLOGY	EXPERIMENTAL SALT MARSH STUDY OIL POLLUT	ECOLOGY	21	
DDERS BRAIN STIMULATION IN TOADFISH	SARGASSUM COMMUNITY	ECOLOGY	FAUNAL VARIATION ON PELAGIC SARGASSUM SE	ECOLOGY	21	
E IN A TRANSECT, BODEGA BAY, CA.	MARINE BOTANY	ECOLOGY	FOREST VEGETATION MAP SUCCESSION OF ALGA	ECOLOGY	79	
N DYNAMICS OF Y. PERCH	POPULATION BIOLOGY AND COMMUNIC	ECOLOGY	IN FISHERIES RESEARCH: ZOOPLANKTON FISH	ECOLOGY	2	
ATION IN A SOUTH DAKOTA LAB.	HAVE EMERGI	FRESHWATER	ECOLOGY	ECOLOGY	61	
SPUSAL, DEEPSEA, EFFECTS	BENTHIC INVERTEBRATE COMMUNITY	ECOLOGY	IN THE DEEP SEA ECOLOGY OF SUBMARINE CAN	ECOLOGY	59	
TERACTIONS IN FRESH ESTUARINE & COASTAL WATERS	PLANT	ECOLOGY	IN THE ESTUARY HETEROOTROPHY ON THE CONTI	ECOLOGY	81	
GANISMS AND ENVIRONMENT	PHYTO	ECOLOGY	INTERACTION (ENERGY EXCHANGE) BETWEEN OF	ECOLOGY	1	
ER LAKES ENVIRONMENTAL IMPACT STUDY: ALGAL AND BACTERIAL		ECOLOGY	INVESTIGATIONS OF FRESHWATER MICROPLANK	ECOLOGY	1	
UCK LOUISIANA WETLANDS	WATERFOUL AND WETLAND	ECOLOGY	LEAD POISONING IN WATERFOUL CAMASSACK D	ECOLOGY	1	
LOGY MICRORHIZAL ECOLOGY OF SOILS AND WATERS	WORKSHOP ON	ECOLOGY	LIFE DEFLECTION ON OTHER PLANETS CONSULTA	ECOLOGY	24	
CE OF COASTAL WETLANDS	SHALLOW WATER MARINE & ESTUARINE	ECOLOGY	MARINE AMPHIPOD CRUSTACEANS MARINE AMPHI	ECOLOGY	17	
ARSB WATER MANAGEMENT WETLANDS	ECOLOGY WEILANDS	ECOLOGY	MARSHLANDS AND COASTAL IMPROVEMENTS OPEN	ECOLOGY	1	
A LAKE ANALYSIS OF ECOSYSTEMS	ECOLOGOCHEMISTRY; AQUATIC	ECOLOGY	NUTRIENT - HYDROLOGIC INTERACTIONS IN PO	ECOLOGY	43	
CEAN TOTAL SYSTEM STUDIES AND MODELS OF ESTUARINE	ARFAS	ECOLOGY	OF A NEW ENGLAND SALT MARSH ECOLOGICAL M	ECOLOGY	2	
O-CLOODED VERTEBRATES	LIFE HISTORY OF WETLAND SALMANNET	ECOLOGY	OF A POPULATION OF GREAT PLAINS SKINK	ECOLOGY	5	
CONDITIONS THERMOREGULATION IN HOMEOTHERMS	PHYSIOLOGICAL	ECOLOGY	OF A WILD BIRD	PHYSIOLOGICAL	6	
AND BEHAVIOR	ARTIFICIAL INCUBATION OF SPARROW HAWK EGGS	ECOLOGY	OF AFRICAN FALGUS COMPARATIVE FEEDING EC	ECOLOGY	66	
VEGETATION CONTRCL OF WATERWEEDS IN LAKES	PHYSIOLOGICAL	ECOLOGY	OF ALGAE AND VASCULAR AQUATIC PLANTS - M	ECOLOGY	39	
URINE EPIFAUNA		ECOLOGY	OF ALGAE BENTHIC DIATOMS IN ESTUARY	ECOLOGY	5	
OSTATISTICAL ANALYSIS OF MARINE FISHERIES DATA INCLUDING	BEHAVIORAL	ECOLOGY	OF ANIMALS ENERGETICS OF ESTUARINE FLOUN	ECOLOGY	2	
IN A LAKE		ECOLOGY	OF AQUATIC ANIMALS	ECOLOGY	7	
RODENT SALAMANDERS		ECOLOGY	OF AQUATIC FUNGI ACTIVITY OF WATER MOLOS	ECOLOGY	12	
SER PASSAGE	BASLINE INVENTORY OF LAKE MICHIGAN ELEMENTS	ECOLOGY	OF AQUATIC HABITATS - RESEARCH WITH PLCT	ECOLOGY	1	
SE OF RECIPROCAL TRANSPLANTS IN GENECOLOGY	PHYSIOLOGICAL	ECOLOGY	OF AQUATIC HABITATS THEIR INHABITANTS	ECOLOGY	2	
HABITAT SELECTION AND PARTITIONING OF RAPTORS	POPULATION	ECOLOGY	OF AQUILEGIA TERRESTRIAL PLANT ECOLOGY	ECOLOGY	41	
NE PHYTOPLANKTON OF BERMUDA	NUTRITIONAL REQUIREMENTS AND Y	ECOLOGY	OF PARN OWLS ANALYSIS OF A LAKE CAPD POP	ECOLOGY	1	
Y, ECOLOGY AND MIGRATION OF PELAGIC BIRDS	LIFE HISTORY	ECOLOGY	OF BERNARDIAN ENDOSYMBIOTS AND OTHER PHYC	ECOLOGY	1	
DES IN LIVESTOCK NATIVE RODENTS IN UTAH	LIFE HISTORY AND	ECOLOGY	OF BIRDS AND MAMMALS AND WILDLIFE DISTR	ECOLOGY	9	
HAWK EGGS	ECOLOGY OF AFRICAN EAGLES	COMPARATIVE FEEDING	ECOLOGY OF BLACKBIRDS	VERTEBRATE	6	
OSPHORDS CYCLING IN NATURAL MARINE AND ESTUARINE	SITING	ECOLOGY	OF BRACHYCHYRUS DECEPTING SENIOR DISC	ECOLOGY	1	
RA IN EAST AFRICA	VERTEBRATE	ECOLOGY	OF CARIBOU POPULATION	ECOLOGY OF THE DEE	6	
TE REPTILES	HERPETOFAUNA OF CUATRO CIENEGAS BASIN	MEXICO	ECOLOGY OF CNEMIDOPHORUS TIGRIS	VERTEBRATE	1	
COLOGY OF A POPULATION OF GREAT PLAINS SKINK	POPULATION	ECOLOGY	OF COLO-CLOODED VERTEBRATES LIFE HISTORY	ECOLOGY	1	
INDUCED APHID OUTBREAKS	POPULATION DYNAMICS OF INSECTS	ECOLOGY	OF CROPS TROPICAL INSECT ASSOCIATIONS	ECOLOGY	5	
A FAUNAL SURVEY OF POTENTIAL FILL SITES	SYSTEMATICS AND	ECOLOGY	OF DECAPOD CRUSTACEANS DECAPOD FAUNAL D	ECOLOGY	1	
PINE AND COASTAL TAXONOMY OF TOLOSTOMA	BRUMALE SNOWCOVER	ECOLOGY	OF DIAPENSIA ABIES PICEA SYSTEMS MODEL	ECOLOGY	7	
EST SMALL MAMMALS	IMPACT OF MAN ON APPALACIAN ECOSYSTEM	ECOLOGY	OF DISTURBED LANDS; FOREST AND WILDLIFE	ECOLOGY	1	
STERN SHORE	VIRGINIA	PHYTOPLANKTON AND TOGALAN	ECOLOGY	OF ESTUARIES SUEVY OF ZOOPLANKTON OF E	ECOLOGY	1
LOOD ECOLOGY OF PELAGIC LARVAE OF MOLLUSKS IN ESTUARIES	ECOLOGY OF	ECOLOGY	OF ESTUARINE ANIMALS ESPECIALLY DISEASE	ECOLOGY	1	
R SUPPLIES STRIP MINE RUNOFF IN PARK WATER SHED	FEEDING	ECOLOGY	OF FISH IN STREAM	ECOLOGY OF FISHES IN	1	
FF IN PARK WATER SHED	FEEDING ECOLOGY OF FISH IN SPRING	ECOLOGY	OF FISHES IN LENTIC AND LOTIC ENVIRONMEN	ECOLOGY	1	
AL HERRING MORTALITY	SUBMERSIBLE STUDY HERRING EGG	ECOLOGY	OF FISHES	LARVAL FISHES ESTIMA ES OF A	ECOLOGY	1
A POND-COURT CASE	DIET OF BLUEGILL AND LARGE MOUTH BASS	ECOLOGY	OF FISHES; ECOLOGY OF MARINE AND FRESHWA	ECOLOGY	1	
ONGUE OF OCEAN BIODIVERSITY	ATLANTIC COASTAL PLAIN	ECOLOGY	OF FLORIDA BAY FORAMINIFERIDA	ECOLOGY A	49	
IDA ENVIRONMENTAL MARINE SCIENCE AND ITS APPLICATIO	ECOLOGY	ECOLOGY	OF FLORIDA KEYS TARPON PESTICIDE RESEAR	ECOLOGY	1	
DOUGLAS FIR	POPULATION GENETICS THEORY AND MATHEMATICAL	ECOLOGY	OF FOREST SPECIES AGE STRUCTURE IN UNSU	ECOLOGY	1	
RESIDUES IN FORESTRY	ECOLOGY OF WOOD INHABITING INSECTS	ECOLOGY	OF FOREST TREE AND FOREST PRODUCTS INS	ECOLOGY	1	
P-WATER CYCLOPOID COPEPODA	GULF, ALASKA	SYSTEMATICS AND	ECOLOGY	OF FREE-LIVING MARINE COPEPODA REVIEW OF	1	
ICAL TESTING OF CENTRIFUGED APPLE JUICE	SYSTEMATICS AND	ECOLOGY	OF FRESHWATER FISH PARASITES AND THEIR H	ECOLOGY	1	
ID MINE DRAINAGE FISHERY	SURVEY OF PINE CREEK WATER	ECOLOGY	OF FRESHWATER FISHES FISH PRODUCTION OF	ECOLOGY	1	
FE INDICATORS OF ENVIRONMENT	TRENDS NATURAL AREA SURVEY	ECOLOGY	OF HARSH ENVIRONMENTAL PLANTS ARCTIC-ALPIN	ECOLOGY	1	
SSION SHALLOW COASTAL WATERS	CARIBBEAN SOCIAL BIODI	ECOLOGY	OF HEAVY METALS PLANT AND ANIMAL DISPE	ECOLOGY	1	
TEENAGERS	STUDY OF EFFECTS OF ILLEGAL ABORTION-JAMAICA	ECOLOGY	OF HUMAN DISEASES IN PARASITING, AT APP	ECOLOGY	1	
EST INSECTS)		ECOLOGY	OF INSECT POPULATIONS (ESPECIALLY OF IN	ECOLOGY	1	
TION ON INSECT FOOD CHAIN		ECOLOGY	OF INSECTS EFFECTS ATMOSPHERIC LEAD POLLU	ECOLOGY	1	
CTS OF ZINC	CHROMIUM AND NICKEL ON AN ESTUARINE TREP	ECOLOGY	OF INTERTIDAL MARINE ALGAE	ECOLOGY	1	
TEACHING ENVIRONMENTAL SCIENCES AND		ECOLOGY	OF INTRACOASTAL WATERWAY REAFOUR	ECOLOGY	1	
OF DWARF SUCKERS, HOMING MECHANISMS	LARVAL FISH	ECOLOGY	OF INVERTEBRATES	ECOLOGY	1	
INFORM BIOLOGY-ECOLOGY	HOLOTHURIANS (COLD WATER-BODY)	ECOLOGY	OF LYNNETIC BLUEGILL FRY IMPACT OF DYLOX	ECOLOGY	1	
T REE	ARCTIC MAMMAL PHYSIOLOGY RESEARCH	PHYSIOLOGY	ECOLOGY OF LILYMARIA FRONDOSA	INTRASPECIFIC VARI	1	
SOCIAL BEHAVIOR	ORGANIZATION OF VERTEBRATES	BEHAVIOR	ECOLOGY OF MAMMALS IN ARCTIC AND COLD CONDIT	ECOLOGY	1	
DIET OF BLUEGILL AND LARGE MOUTH BASS	ECOLOGY OF FISHES	ECOLOGY	OF MARINE AND FRESHWATER PLANKTON DOMI	ECOLOGY	1	
ARTIFICIAL REEF	COLONIZATION OF ARTIFICIAL REEF BY FISHES	ECOLOGY	OF MARINE FISHES ESPECIALLY REEF SPECIF	ECOLOGY	1	
MARINE NEMATODES	ECOLOGICAL CONSULTANT ON THERMAL STRES	ECOLOGY	OF MARINE NEMATODES	ECOLOGY	1	
PHYSIOLOGICAL	ECOLOGY OF MARINE NEMATODES	PHYSIOLOGICAL	ECOLOGY	ECOLOGY	1	
HERMAL STRESS	ECOLOGY OF MARINE NEMATODES	PHYSIOLOGICAL	ECOLOGY	ECOLOGY	1	
HISTOCHEMISTRY OF MUGILIFORMES	IN CLAN	PHYSIOLOGICAL	ECOLOGY	ECOLOGY	1	
POTLE STUDIES AT BOLOGA HEAD, CALIFORNIA	PHYSIOLOGICAL	ECOLOGY	OF MARINE ORGANISMS	ECOLOGY	1	
NEW YORK	EFFECTS OF TIDE GATES ON COVE ESTUARY, CT	PLANT	ECOLOGY	ECOLOGY	1	
FLORISTICS OF FRESHWATER MARSHES AND COASTAL ECOSYSTEM		ECOLOGY	OF MARSH VEGETATION	ECOLOGY	1	

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND DISTINCTIVE FIELD

ANCES IN CLAM PHYSIOLOGICAL ECOLOGY OF MARINE ORGANISMS	ECOLOGY OF MILLSTONE POINT CONNECTICUT AREA ECO	333
E ORGANISMS ECOLOGY OF MILLSTONE POINT CONNECTICUT AREA	ECOLOGY OF NEW HAVEN HARBOR HISTORICEMISTRY OF MU	333
ER ECOLOGY & BEHAVIOR OF LEWIS WOODPECKERS; SAME FOR	ECOLOGY OF NORTH AMERICAN WOODPECKERS; SAME FOR	291
ECOLOGY BIOGEOGRAPHY QUANTITATIVE MODELS QUANTITATIVE	ECOLOGY OF NORTH ATLANTIC FLORA BOTTOM WATER CUR	591
ARID DISEASE INFECTIONS PATHOLOGY OF PARASITIC DISEASES	ECOLOGY OF ONCHOCERCIASIS IN ETHIOPIA HOST/PARA	567
ORGANISMS IN ESTUARINES-EFFECTS OF HURRICANE AGNES FLOOD	ECOLOGY OF DELTAIC LARVAE OF MOLLUSCS IN ESTUARY	16
	ECOLOGY OF PLANKTONIC ORGANISMS	260
EUDOSCRIPTION PSEUDOSCRIPTION SYSTEMATICS SYSTEMATICS AND	ECOLOGY OF PSEUDOSCRIPTIONS POPULATION STUDY OF T	608
OF BARN OWLS ANALYSIS OF A LAKE CARR POPULATION BREEDING	ECOLOGY OF RAPTOR POPULATIONS IN MTAH POPULATIO	660
OF TREE-VOLUME ESTIMATIONS GIRARD FORM CLASS ESTIMATION	ECOLOGY OF REDWOOD FOREST ECOLOGY AND SILVICULT	782
POLLUTION INHIBITION OF PHOTOSYNTHESIS ROOT EXUDATES AND	ECOLOGY OF ROOT PATHOGENS PATHOLOGY OF WOODY PL	664
OF DEER ON VEGETATION BREEDING BEHAVIOR OF MALE WOODCOCK	ECOLOGY OF RUFFED GROUSE IN MAINE WILDLIFE ECOL	618
IDS ON ALGAE EFFECTS OF LARVICIDES ON MICROCRUSTACEANS	ECOLOGY OF SALT MARSH MEGALOPNA ROLE OF KILLIFIS	600
AL ENERGETICS SYSTEMS ANALYSIS SIMULATION MARSH ECOLOGY	ECOLOGY OF SMALL BOAT MARINAS SIMULATION MODEL O	617
ION IN SMALL MAMMALS AT THE CONIFEROUS-DECIDUOUS ECOTONE	ECOLOGY OF SMALL MAMMALS ON IRON-TITANIUM MINE P	359
EVERY SEABROOK NEW HAMPSHIRE BEHAVIORAL	ECOLOGY OF SMALL MAMMALS TERRESTRIAL WILDLIFE TU	230
CONSULTANT TO INDIAN INSTITUTE IN MICROBIOLOGY MICROBIOI	ECOLOGY OF SOILS AND WATERS WORKSHOP ON ECOLOGY	566
PROCESSES AND BIOLOGICAL POLLUTION MONITORING TERMOGENIC	ECOLOGY OF SOUTHWESTERN RESERVOIRS ECOLOGICAL IM	469
ESTUARINE FISH BIOLOGY AND ECOLOGY DISTRIBUTION AGE AND	ECOLOGY OF SPOTTED HAKE TEMPERATURE SELECTION O	35
TRIBUTIONAL PROCESSES COMPETITION THEORY DISPERSSIONAL	ECOLOGY OF STREAM BENTHIC COMMUNITIES COMPETIT	10
BENTHIC INVERTEBRATE COMMUNITY ECOLOGY IN THE DEEP SEA	ECOLOGY OF SUBMARINE CANYONS ANIMAL SEDIMENTS RE	599
NDS ECOLOGY OF SYMPATRIC SPECIES AMPHIBIANS COMPARATIV	ECOLOGY OF SYMPATRIC CRICKET FROGS NEW TURTLE FO	47
R WEST VIRGINIA COMPARATIVE HERETOLOGY OF 2 FAH PONDS	ECOLOGY OF SYMPATRIC SPECIES AMPHIBIANS COMPARAT	47
RDWOODS FOREST RADIATION SENSITIVITY OF BIRDS COMMUNITY	ECOLOGY OF TERRESTRIAL VERTEBRATES IN TEMPERATE	706
EPTS-1 TO FISHERY RESOURCE MANAGEMENT PHOTOPERIODISM AND	ECOLOGY OF THALASSIA REMOTE SENSING OCEANOGRAPH	458
ESHWATER ECOLOGY IN MANY ASPECTS INCLUDING CHEMISTRY THE	ECOLOGY OF THE BIRCH LAKE AREA IN MINNESOTA PATH	365
SPECIES POPULATION DYNAMICS OF AVIAL SPECIES POPULATIO	ECOLOGY OF THE MALLARD PESTICIDES TERRITORIAL B	326
S OF VERTEBRATE ANIMALS; ECOLOGY OF WETLAND ENVIRONMENTS	ECOLOGY OF THE MOHAWK RIVER FLOODPLAINS MAMMALS	118
W YORK VARIED RADIO TELEMETRY STUDY OF THE SAK-WHEE CML	ECOLOGY OF THE PINE VOLE REVIEW 104 STATEMENT ON	227
VERTEBRATE ECOLOGY ECOLOGY OF CARIBOU POPULATION	ECOLOGY OF THE ZEBRA IN EAST AFRICA	653
ILLS PINE FOREST MOVEMENTS OF PHEASANTS IN SOUTH DAKOTA	ECOLOGY OF UPLAND AND BIG GAME ANIMALS GROSS CHA	568
ECIALLY GAME SPECIES ECOLOGY OF WATERFOWL NEST PREDATION	ECOLOGY OF URBAN WILDLIFE URBAN WATERFOWL POPULA	738
JECT STUDY PREHISTORIC HUMAN	ECOLOGY OF US DESERTS REESE RIVER ECOLOGICAL PRO	723
ION ON DEERGE ISLAND REPRODUCTION BIOLOGY OF THE OSPREY	ECOLOGY OF VERTEBRATES SPECIAL REFERENCE TO HAB	534
	ECOLOGY OF VIRAL AND BACTERIAL ZOONOSES	789
CE FISH TO POLLUTION CONTROL ANADROMOUS TROUT MANAGEMENT	ECOLOGY OF WARM WATER FISH IN NEW YORK RESPONSE	277
POPULATION DYNAMICS OF FISH	ECOLOGY OF WARM WATER LAKES	230
ULATION DYNAMICS OF HOMETHERMS ESPECIALLY GAME SPECIES	ECOLOGY OF WATERFOWL NEST PREDATION ECOLOGY OF U	738
FORESTS ECOLOGICAL RELATIONSHIPS OF VERTEBRATE ANIMALS;	ECOLOGY OF WETLAND ENVIRONMENTS BIOLOGY OF THE W	118
COUNCIL CANADA GOOSE ESTABLISHMENT ORNITHOLOGY & PLANT	ECOLOGY OF WETLANDS WILD TURKEY RE-ESTABLISHMENT	223
FIM BEETLE EVALUATION OF PESTICIDE RESIDUES IN FORESTRY	ECOLOGY OF WOOD INHABITING INSECTS ECOLOGY OF F	647
LOGY ESPECIALLY IN REFERENCE TO PLANT TAXONOMY AND PLANT	ECOLOGY OF PAST AND PRESENT FLORA AND VEGETATION HA	650
WATER POLLUTION OHIO RIVER ALGAE	ECOLOGY OF PERIPHYTIC DISCS ALGAL VIRUSES	359
P AND TRANSPORT OF RIVALVE LAEVAE EXPERIMENTAL ANALYSIS	ECOLOGY OF PHYSIOLOGY OF MARINE ANIMAL BEHAVIOR ACC	799
CAMPSTY LAND PLANNING CERTAINING TO	ECOLOGY OF PLANNING A RESORT DEVELOPMENT PLANNING A	129
ACTIVITY; VEGETATION MANAGEMENT; PLANT GEOG APHY; FOREST	ECOLOGY OF PLANTS - AIR - NOISE - MICROCLIMATE INTE	186
OR AND SOCIAL STRUCTURE IN FISH VERTEBRATE BEHAVIOR AND	ECOLOGY OF POPULATION ECOLOGY & SOCIAL ETHOLOGY OF	473
OSYSTEM ECOLOGY OF DISTURBED LANDS; FOREST AND WILDLIFE	ECOLOGY OF POPULATION STUDIES FOREST SMALL MAMMALS	662
UTHERN SPAIN BI GEOGRAPHY HERPETOLOGY; MOROCCO LIZARD	ECOLOGY OF PRESAHARAN ECOSYSTEM IN SOUTHERN TUNISIA	97
RESEARCH ESTUARINES	ECOLOGY OF PROGRAM PLANNING DOCTORAL DISSERTATION R	317
P SEA TURTLES VERTEBRATE AND AQUATIC ECOLOGY; RADIATION	ECOLOGY OF RADIATION EFFECTS ON BEHAVIOR AQUACULTURE	644
SC PREPITIZATION RESEARCH NEW METHODS PLANNING FOREST	ECOLOGY OF RESEARCH - INDONESIA PLANNING FOREST SOI	629
EATURE REVIEW ON EFFECTS OF HEAVY METALS IN WATER WINTER	ECOLOGY OF SALT MARSHES AND BLACK DUCKS ORNITHOLOG	274
ON VEGEATION MAP SOUTHAMPTON NY FROM AIR PHOTOS FOREST	ECOLOGY OF SAMPLING METHODS STATISTICAL STUDIES A	41
SHITING ON USE OF QUANTITATIVE METHODS AND STATISTICS IN	ECOLOGY OF SE COOPERATIVE MOURNING DIVE STUDY STATI	318
SEA SNAKE SYSTEMATICS AND	ECOLOGY OF SEA SNAKE ECOLOGY	742
OSYSTEMS HUMIC SUBSTANCES IN ESTUARIES MARINE MICROBIANT	ECOLOGY OF SEAWEEP COLONIZATION & RELEASE OF ORANT	646
ANT - WATER POLLUTION PROBLEMS - PUBLIC SERVICE AQUATIC	ECOLOGY OF SPECIALIZING IN PRODUCTIVITY STUDIES LIM	495
ICAL SURVEY OF TERRESTRIAL VERTEBRATE POPULATIONS LIZARD	ECOLOGY OF AQUIFERAL COMPETITION AND ECOLOG	216
DYNAMICS INCLUDING SOIL RELATIONSHIPS AND PHYSIOLOGICAL	ECOLOGY OF G. LAWRENCE P. ONTARIO SURVEILLANCE STUDY	250
EMENTS OF MARINE AND FRESH WATER PHYTOPLANKTON AND THEIR	ECOLOGY OF SURVEY-MARINE PHYTOPLANKTON OF BAHAMDA N	196
RE BASIN PHYTOPLANKTON OF SUSQUEHANNA RIVER SURVEILLAN	ECOLOGY OF SYSTEMATICS OF FRESH WATER ALGAE FRESH W	627
ON MAING SUCCESSION ON OIL FIELDS SYSTEMS	ECOLOGY OF SYSTEMS ECOLOGY AND MULTIPLE-USE DECISIO	312
TES ON AQUATIC LIFE EFFECTS OF COLLECTION ON THE AQUATIC	ECOLOGY OF THERMAL POLYMERIZATION IN AQUATIC LIFE	38
ION PLANKTON	ECOLOGY OF THERMAL POLLUTION MODEL OF ALGAL PRODUCT	63
AND MIXED STANDS ANNUAL CANKER OF MAPLE APPLICATION OF	ECOLOGY OF TO FOREST STAND CULTURE SMALL-SCALE EVALUA	756
POLLUTION CONTROL RADIOACTIVITY REMEDIATION HUDSON RIVER	ECOLOGY OF TRAIL ELEMENTS IN URBAN ENVIRONMENTS ENVY	204
CTIONS IN OLD FIELD SUCCESSION MAMMALIAN SYSTEMATICS	ECOLOGY OF VERTEBRATES OF MASSACHUSETTS COASTAL ISL	758
ODI N METABOLISM - TEMPERATURE EFFECTS ON PHYSIOLOGICAL	ECOLOGY OF WATER RELATIONS OF DESERT ANIMALS COMP	716
STFAM ELECTRIC STATIONS GREATBAY COMPLEX IN ALBANY	ECOLOGY OF WITH A STRONG BACKGROUND IN TOXICOLOGY	337
P, NY I HAVE A FEEL FOR THE AN COMPLEX IN GENERAL	ECOLOGY OF WITH ACCENT IN ORNITHOLOGY APPROACH OF	400
ECOLOGICAL THEMES COLLECTIVE PAPER OF BIOLOGICAL SALT MARSH	ECOLOGY OF WITH EMPHASIS ON ENERGY FL. THROUGHOUT	625
E FERTILIZATION SURVEY LAKE SUPER CONSERVATION SURVEY	ECOLOGY OF WITH EMPHASIS ON DISTURBED ECOSYSTEMS	619
AL ENVIRONMENTS MARINE FISH	ECOLOGY OF WITH EMPHASIS ON FISH-HUMAN AND INTERACTI	165
E BASELINE DATA FOR POWER PLANT PERFORMANCE AND WETLAND	ECOLOGY OF WITH EMPHASIS ON INTERACTIONS BETWEEN TERRE	625
SEARCH SOIL-FOREST RELATIONSHIPS ESPECIALLY WITHIN	ECOLOGY OF AND SOIL CHANGE FOREST FERTILIZATING RE	699
A CALIFORNIA NATIONAL MONUMENT AND THE BAY AREA	ECOLOGY OF AND SYSTEMATICS OF CALIFORNIA TERRESTRIAL	468
ON KILLIFISH BIOLOGICAL SURVEY OF LONG ISLAND SOUND	ECOLOGY OF BEHAVIOR AND REPRODUCTION OF DEERWATER	233
PRESEASON BANDING ORNITHOLOGY OF THE GREAT LAKES	ECOLOGY OF BEHAVIOR POPULATION DYNAMICS NEST SITE	245
BASES ORAL INVESTIGATION OF FISH POPULATION DYNAMICS	ECOLOGY OF A SHEEP CRY AND OTHER ANIMAL AQUATIC BIOL	749
ION WATER CURRENTS IN NEW HAMPSHIRE	ECOLOGY OF THE SHEEP CRY AND OTHER ANIMAL AQUATIC BIOL	749
D SYSTEMATICS, POLLUTION MONITORING	ECOLOGY OF THE SHEEP CRY AND OTHER ANIMAL AQUATIC BIOL	749
OWSHE HATE, DEER, AND FISH	ECOLOGY OF THE SHEEP CRY AND OTHER ANIMAL AQUATIC BIOL	749
ING AT CONYER SECTION SITE PLANT POPULATION AND CO	ECOLOGY OF THE SHEEP CRY AND OTHER ANIMAL AQUATIC BIOL	749
ERMS PHYSIOLOGICAL ECOLOGY OF A WILDFOWL	ECOLOGY OF THE SHEEP CRY AND OTHER ANIMAL AQUATIC BIOL	749

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

F.D.E.C. HEARING EDGEWOOD LAKES NYS-DEC HEARING AQUATIC	ECOLOGY	ESPECIALLY FISHERIES PLUS POLLUTION CO	209
TRACOASTAL WATERWAY, BEAUFORT, NORTH CAROLINA ESTUARINE	ECOLOGY	ESPECIALLY IN RELATION TO FISH FAUNA EF	93
ANARAN PROJECT VERTEBRATE POPULATIONS AND BEHAVIORAL	ECOLOGY	HABITAT SELECTION AND USE TUNISIAN PEP	253
RAPPAHANNOCK RIVER WETLANDS IMPACT STUDY PHYTOPLANKTON	ECOLOGY	IMPACT STUDIES ON COASTAL AND ESTUARINE	459
- US ATTORNEY'S OFFICE SO. DIST. NEW YORK CONSULTANT -	ECOLOGY	INC. POLLUTION - AQUATIC SOLID WASTES	107
IL POLLUTION BASELINE STUDY COASTAL ZONE WORKSHOP MARSH	ECOLOGY	MARINE OIL POLLUTION MID-WATER TO BENTH	719
ALGAE - TAXONOMY GENERAL	ECOLOGY	PHYSIOLOGY	589
ND IMPACT STATEMENT PREPARATION UNDER NEPA PHYSIOLOGICAL	ECOLOGY	PLANT-WATER RELATIONS ENVIRONMENTAL IMP	585
TH ADRIATIC DIVERSITY DEEP SEA MEIOFAUNA MARINE BENTHIC	ECOLOGY	SALT MARSH ECOSYSTEM DEEP SEA PARTICU	151
CO SYSTEM EFFECT OF MIXED ON SECONDARY SUCCESSION ANIMAL	ECOLOGY	SPECIES DIVERSITY ORNITHOLOGY ECOSYST	404
N BRYOZOA OF NEW ENGLAND BRYOZOA OF PANAMA CANAL REGION	ECOLOGY	TAXONOMY AND MORPHOLOGY OF BRYOZOA COLO	34
H-WATER MOLLUSKS IDENTIFICATION OF FRESH-WATER MOLLUSKS	ECOLOGY	TAXONOMY AND SYSTEMATICS OF FRESHWATER	244
S ENERGETICS OF SNOWSHOE HARE, DEER, AND FISHER GENERAL	ECOLOGY	WILDLIFE ECOLOGY ECOLOGICAL ENERGETICS	465
LGAE MICROBIAL	ECOLOGY	ALGAL VIROLOGY LYSOGENY IN BLUE-GREEN A	106
TURE AND DIVERSITY BIOLOGY OF CORAL REEFS; THERORETICAL	ECOLOGY	BIOGEOGRAPHY OF TROPICAL MARINE ANIMALS	557
MENTAL IMPACT STATEMENTS MERCURY IN SEDIMENTS ESTUARINE	ECOLOGY	ENVIRONMENTAL EDUCATION DYNAMICS OF A D	496
CONTROL IN TROPICAL PONDS MEKONG RIVER ECOLOGY AQUATIC	ECOLOGY	ENVIRONMENTAL POLLUTION INFECTIOUS DISP	414
LTURE AND BIOLOGY OF SEA TURTLES VERTEBRATE AND AQUATIC	ECOLOGY	RADIATION ECOLOGY RADIATION EFFECTS ON	844
ISMS MALACOLOGY INVERTEBRATE ZOOLOGY MARINE-ESTUARINE	ECOLOGY	SCIENCE ADMINISTRATION; SCIENTIFIC WRIT	112
GUAY/BRAZIL JOINT PARANA COMMISSION CONSOLIDATED EDISON	ECOLOGY	TROPICS; SOIL-PLANT RELATIONSHIPS; ENVI	265
ONS STUDIES OF POPULATION ECOLOGY CANADA GEESE WILDLIFE	ECOLOGY	WILDLIFE MANAGEMENT; WILDLIFE LAW ENFOR	330
AND O-PO BIOLOGICAL ADVISOR MICROBIOLOGY-PHYSIOLOGICAL	ECOLOGY	ALGAE AND BACTERIA METHANE PRODUCTION -	386
YNAMICS STUDIES - AQUACULTURE SYSTEMS CARBON-14 BENTHIC	ECOLOGY	ECOLOGY-FOOD CHAIN DYNAMICS MACROBENTHOS OF CAPE	720
CONNECTICUT RIVER ECOLOGICAL MODELS - SIMULATION PLANT	ECOLOGY/MANAGEMENT	MODEL OF FORESTS OF GLACIER N	392
FIXEMENT APPLICATION OF INTERMEDIA ANALYSIS FORMAT REG.	ECOLOGY AND ECOLOGICAL PLAN SYSTEM	MEMBERS OF MY	268
ILITY AND PLANT NUTRITION LAND RECLAMATION AGRICULTURAL	ECONOMIC DEVELOPMENT	SOIL PERT	335
AIR POLLUTION	ECONOMIC EFFECTS OF AIR POLLUTION ON W. VA.		631
ESPECIALLY WATER AND FISHERIES BIOLOGICAL IMPLICATIONS	ECONOMIC IMPACT OF ORGANOPHOSPHATE OSHA STANDARD		231
DELINES PLANNING & MANAGING NATURAL RESOURCES - SOCIAL	ECONOMIC ENVIRONMENTAL INSTIT INDUSTRIAL POLLU		471
RAL MASAI IN KENYA BRICING IN WATER RESOURCE MANAGEMENT	ECONOMICS AND POLICY ANALYSIS OF ENVIRONMENTAL R		175
ON IMPACT - TERRESTRIAL ECOL - WASTEWATER DISD. RESOURCE	ECONOMICS ESPECIALLY WATER AND FISHERIES BIOLG		231
MAMMALS WATER BALANCE IN BATS FROM ERIC HABITATS WATER	ECONOMY OF DESERT MAMMALS SPECIAL EMPHASIS: KID		343
STRUCTION SITE PLANT POPULATION AND COMMUNITY ECOLOGY	ECOPHYSIOLOGY AND PLANT DISTRIBUTION DESERT SHRU		298
TING NATURAL HISTORY STUDY OF RARE AND ENDANGERED ANIMALS	ECOSURVEY OF CAPE VINCENT NEW YORK ECOLOGICAL SU		428
MAN'S IMPACT ON THE ALPINE	ECOSYSTEM		428
STUDIES FOREST SMALL MAMMALS IMPACT OF MAN ON APPALACTIAN	ECOLOGY OF DISTURBED LANDS; FOREST AN		662
NG - ENVIRONMENTAL MANAGEMENT NUTRIENT CYCLING IN FOREST	ECOSYSTEM LAND USE IN RELATION TO ECOLOGICAL ST		374
WATERSHEDS NUTRIENT BUDGETS FOR CAYOGA AND SENECA LAKES	ECOSYSTEM ANALYSIS OF A LAKE ANALYSIS OF ECOSYS		432
PER TROPHIC LEVELS ECOSYSTEM MONITORING VIA AVIFAUNA AN.	ECOSYSTEM ANALYSIS UPPER DIVISION COLLEGE HARRIS		130
ES EFFECT OF ENVIRONMENTAL STRESSES ON PLANT GROWTH AND	ECOSYSTEM BEHAVIOR FOREST PRODUCTION GROWTH OF D		703
CHLORINATED HYDROCARBONS IN MARINE	ECOSYSTEM DDT RESIDUES IN CALIFORNIA CURRENT		154
CESSION ANIMAL ECOLOGY SPECIES DIVERSITY ORNITHOLOGY	ECOSYSTEM DEVELOPMENT RIED SPECIES DIVERSITY AND		404
AMICS OF FOREST ECOSYSTEMS FOLLOWING DISTURBANCES FOREST	ECOSYSTEM DYNAMICS FOLLOWING DISTURBANCES RECLAM		354
ION REGULATION POPULATION ECOLOGY AND	ECOSYSTEM ECOLOGY EFFECT OF PREDATION ON POPULAT		131
ND AGRICULTURAL ECOSYSTEMS EVALUATION OF DYLOX IN FOREST	ECOSYSTEM EFFECT OF MIXED ON SECONDARY SUCCESSION		404
IS OF FOREST ECOSYSTEMS SYSTEM ANALYSIS DECIDUOUS FOREST	ECOSYSTEM EVALUATION OF SEVIN 4 OIL IN FOREST SY		786
OGRAPHY HERPETOFAUNA, MOROCCO LIZARD ECOLOGY PRESAHARAN	ECOSYSTEM FOREST TREE BOOT SYSTEMS GROWN STEM RE		702
CO SYSTEM LAND USE IN RELATION TO ECOLOGICAL STABILITY -	ECOSYSTEM IN SOUTHERN TUNISIA BIOGEOGRAPHY HERPE		97
FLUCTUATING TEMPERATURE EFFECTS ON ECOSYSTEMS	ECOSYSTEM MANAGEMENT & PRESERVATION WATERSHED MA		374
ITE NY CT. NY BEHAVIORAL ECOLOGIST UPPER TROPHIC LEVELS	ECOSYSTEM MODELLING DELAWARE ESTUARY		391
IN PA. MATHEMATICAL MODELING AND MEASUREMENT OF AQUATIC	ECOSYSTEM MONITORING VIA AVIFAUNA AN. ECOSYSTEM		130
STATISTICAL DESIGN & ANALYSIS OF	ECOSYSTEM PARAMETERS BACTERIAL GROWTH AND THE DE		257
EDGE SPOTL DISPOSAL MARINE BENTHIC ECOLOGY CAPE COD BAY	ECOSYSTEM PROBLEMS AND MATHEMATICAL MODELING		780
IOLOGY MICROBIOLOGICAL CHANGES DURING OIL DEGRADATION IN	ECOSYSTEM QUANTITATIVE ANALYSIS EFFECTS OF DREGD		807
OPLANCTON INVESTIGATION OF SOIL SCIENCE WITH RESPECT TO	ECOSYSTEM SALINITY EFFECTS ON USE OF HYDROCARBON		549
STEM STRUCTURE AND FUNCTION EFFECTS OF SOIL NUTRIENTS ON	ECOSYSTEM STRUCTURE AND FUNCTION EFFECTS OF SOIL		481
Y DEEP SEA MEIOFAUNA MARINE BENTHIC ECOLOGY SALT MARSH	ECOSYSTEM STRUCTURE SEASONAL FLUCTUATION OF PHYT		481
SED RESERVOIRS, WEST VIRGINIA AQUATIC MICROBIAL ECOLOGY	ECOSYSTEM DEEP SEA PARTICULARLY MARINE MEIOFAU		151
RINE BACTERIOLOGY FERMENTATION INTERACTIONS IN MICROBIAL	ECOSYSTEMATIC STUDY OF CEDAR BOG OHIO ENVIRONME		654
ARK PHILADELPHIA PATTERNS OF NUTRIENT CYCLING MOUNTAIN	ECOSYSTEMS		356
YPES TO FISH POPULATION FISH POPULATIONS IN SWAMP-STREAM	ECOSYSTEMS SOIL SURVEY FOR USE IN DEVELOPMENT A		301
FIELD WORK FOR RESEARCH IN RANGE	ECOSYSTEMS SWAMP AND MARSH ECOSYSTEMS GREATEST		713
E FLUID NATURAL GAS ECOLOGICAL ASSESSMENT OF SWG PLANT	ECOSYSTEMS AND SMALL MAMMAL POPULATION DYNAMICS		461
EFFECTS OF OIL FIELD BRINE ON TEXAS ESTUARIES ESTUARINE	ECOSYSTEMS AS THEY ARE EFFECTED BY POLLUTION ECO		511
MARSHES SECONDARY PRODUCTIVITY OF ESTUARINE AND COASTAL	ECOSYSTEMS BENTHOS THERMAL EFFECTS ON BENTHOS OF		788
ECOLOGY AND FLORISTICS OF FRESHWATER MARSHES AND COASTAL	ECOSYSTEMS ECOLOGICAL STABILITY OF NORTH CAROLIN		521
FLUCTUATING TEMPERATURE EFFECTS ON	ECOSYSTEMS ECOLOGY OF MARSH VEGETATION		94
EQUITANS IN CONNECTICUT EFFECTS OF POLLUTION ON AQUATIC	ECOSYSTEMS ECOSYSTEM MODELLING DELAWARE ESTUARY		391
ENVIRONMENTAL IMPACT OF PESTICIDES IN FOREST AND AGRICULTURAL	ECOSYSTEMS EFFECT OF ORGANIC ENRICHMENT ON BENTH		399
OWTH NEAR COAL-BURNING POWER STATION DYNAMICS OF FOREST	ECOSYSTEMS EVALUATION OF DYLOX IN FOREST ECOSYST		786
E PIGMENTS - PHOTOSYNTHESIS - POLLUTION THE USE OF MODEL	ECOSYSTEMS FOLLOWING DISTURBANCES FOREST ECOSYST		354
POPULATIONS IN SWAMP-STREAM ECOSYSTEMS SWAMP AND MARSH	ECOSYSTEMS FOR THE STUDY OF WATER POLLUTION CONT		84
& RELEASE OF ORGANIC MATERIAL WATER TREATMENT IN CLOSED	ECOSYSTEMS GREATEST COMPETENCE IN CYPRESS-GUM SW		713
SYSTEMS ASSESSMENT OF ENVIRONMENTAL IMPACTS IN AQUATIC	ECOSYSTEMS HUMIC SUBSTANCES IN ESTUARIES MARINE		646
RSAL OF INSECT POPULATIONS WITHIN AGRICULTURAL OR FOREST	ECOSYSTEMS IMPACT OF OIL SUPERTANKERS ON MACHIAS		497
LOGY WITH SPECIAL REFERENCE TO WATERFOWL AND ASSOCIATED	ECOSYSTEMS INSECT DISPERSAL INTO GAMMA IRRADIATE		334
TRUTH DENNIS AND TRURO IMPACT AND DEPENDENCE OF MAN ON	ECOSYSTEMS LEAD POISONING IN WATERFOWL TESTING		274
ECOLOGY AND TAXONOMY AQUATIC FUNGI MODELING OF ANTARCTIC	ECOSYSTEMS OF BOTH NATURAL AND MAN-CREATED ORIGI		516
RESEARCH US FOREST SERVICE IMPACTS OF INSECTS ON FOREST	ECOSYSTEMS PARASITIC AND SAPROPHYTIC ANTARCTIC F		536
ON GLOBAL ECOL. PROBLEMS TIE ADVISORY COUNCIL FOR OCEAN	ECOSYSTEMS POPULATION DYNAMICS OF FOREST INSECTS		759
N STEM RELATIONSHIPS IN FOREST TREES ANALYSIS OF FOREST	ECOSYSTEMS STUDIES STEERING COMMITTEE OF DAT DON		358
GY THERMAL AND INDUSTRIAL EFFLUENT EFFECTS UPON AQUATIC	ECOSYSTEMS SYSTEM ANALYSIS DECIDUOUS FOREST ECOS		702
PATHOLOGY OF WOODY PLANTS IN URBAN SUBURBAN AND FOREST	ECOSYSTEMS THERMAL EFFECTS ATLANTIC COASTAL EST		98
D SENECA LAKES ECOSYSTEM ANALYSIS OF A LAKE ANALYSIS OF	ECOSYSTEMS URBAN METAL POLLUTION OF PLANTS AIR P		664
	ECOSYSTEMS BIOGEOCHEMISTRY; AQUATIC ECOLOGY NUM		432

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

N OF SPOIL AND REFUSE BANKS	CROP ECOLOGY AND PHYSIOLOGY	ECOSYSTEMS	PRODUCTIVITY	RECYCLING OF NUTRIENTS	474
T SELECTION IN SMALL MAMMALS AT THE CONIFEROUS-DECIDUOUS	FRUIT SELECTION IN SMALL MAMMALS AT THE CONIFEROUS-DECIDUOUS	ECOTONE ECOLOGY OF SMALL MAMMALS ON IRON-TITANIUM	EDUCATOR	TREE IDENTIFICATION PREPARATION OF ROOF	498
TRIALBA COSTA RICA TREE IDENTIFICATION SURVEY AND	TRIALBA COSTA RICA TREE IDENTIFICATION SURVEY AND	EDGEWOOD	EVALUATE POLLUTION EFFECTS ON AQUATIC	EDGEWOOD ARSENAL MD INSULATION ASSESSMENT REDST	48
STONE ARSENAL AL PROJECT ASSESS OF PW PHOSPHORUS PLANT	STONE ARSENAL AL PROJECT ASSESS OF PW PHOSPHORUS PLANT	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	55
SOURCES OF TERRESTRIAL POLLUTION ENVIRON MONITORING PROGRAM	SOURCES OF TERRESTRIAL POLLUTION ENVIRON MONITORING PROGRAM	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	553
SOURCES OF AQUATIC POLLUTION ENVIRON MONITORING PROGRAM	SOURCES OF AQUATIC POLLUTION ENVIRON MONITORING PROGRAM	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	542
EFFECTS ON AQUATIC COMMUNITIES ENVIRON MONITORING PROGRAM	EFFECTS ON AQUATIC COMMUNITIES ENVIRON MONITORING PROGRAM	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD ARSENAL MD INSTALLATION ASSESSMENT RED	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	55
IC ENVIRONS OF EMERALD GREEN - N.Y. STATE D.E.C. HEARING	IC ENVIRONS OF EMERALD GREEN - N.Y. STATE D.E.C. HEARING	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	209
ANK PARAGUAY/BRAZIL JOINT PARANA COMMISSION CONSOLIDATED	ANK PARAGUAY/BRAZIL JOINT PARANA COMMISSION CONSOLIDATED	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	265
TUDY OF FUNGUS DISEASE OF HERBING SCIENTIFIC REVIEW AND	TUDY OF FUNGUS DISEASE OF HERBING SCIENTIFIC REVIEW AND	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	615
STICIDES AND/OR THE SOCIO-ECOLOGICAL VALUE OF WETLANDS	STICIDES AND/OR THE SOCIO-ECOLOGICAL VALUE OF WETLANDS	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	66-
OXIDANT AIR POLLUTANTS HEALTH EFFECTS OF POWER PLANT IN	OXIDANT AIR POLLUTANTS HEALTH EFFECTS OF POWER PLANT IN	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	241
MY CORPS WATER WAY PROJECTS STATE PLAN FOR ENVIRONMENTAL	MY CORPS WATER WAY PROJECTS STATE PLAN FOR ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	270
(1) ENVIRONMENTAL EDUCATION WITH EMPHASIS ON POPULATION	(1) ENVIRONMENTAL EDUCATION WITH EMPHASIS ON POPULATION	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	19
US METALS DECLARATION - POLLUTION CONTROL ENVIRONMENTAL	US METALS DECLARATION - POLLUTION CONTROL ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	525
L EDUCATION COURSES - COLLEGE LEVEL RECREATION & OUTDOOR	L EDUCATION COURSES - COLLEGE LEVEL RECREATION & OUTDOOR	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	292
MARINE SCIENCE LABORATORY FOR HIGH SCHOOLS ENVIRONMENTAL	MARINE SCIENCE LABORATORY FOR HIGH SCHOOLS ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	292
S MERCURY IN SEDIMENTS ESTUARINE ECOLOGY; ENVIRONMENTAL	S MERCURY IN SEDIMENTS ESTUARINE ECOLOGY; ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	696
USE ENVIRONMENTAL CHANGE AND EFFECTS ON WILDLIFE ADULT	USE ENVIRONMENTAL CHANGE AND EFFECTS ON WILDLIFE ADULT	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	606
AGING ENVIRONMENTAL MANAGEMENT DEVELOPING ENVIRONMENTAL	AGING ENVIRONMENTAL MANAGEMENT DEVELOPING ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	67
N THE JAMES RIVER, VIRGINIA	N THE JAMES RIVER, VIRGINIA	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	413
TION WATERSHED MONITORING SYSTEM - WATER QUALITY OUTDOOR	TION WATERSHED MONITORING SYSTEM - WATER QUALITY OUTDOOR	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	212
S WILDLIFE ECOLOGY & POPULATION DYNAMICS ENVIRONMENTAL	S WILDLIFE ECOLOGY & POPULATION DYNAMICS ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	379
FORMATION PROCESSING POPULATION ASPECTS OF ENVIRONMENTAL	FORMATION PROCESSING POPULATION ASPECTS OF ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	10
THE COASTAL PLAINS REGION TWO AREAS: (1) ENVIRONMENTAL	THE COASTAL PLAINS REGION TWO AREAS: (1) ENVIRONMENTAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	19
UTANTS & OTHER CHEMICAL APPLICATIONS	UTANTS & OTHER CHEMICAL APPLICATIONS	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	515
CHUSETTS VERMONT SOLID WASTE PLAN ENVIRONMENTAL WORK IN	CHUSETTS VERMONT SOLID WASTE PLAN ENVIRONMENTAL WORK IN	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	702
- FORESTS AND SMALL MAMMAL POPULATIONS FORESTS OF PRINCE	- FORESTS AND SMALL MAMMAL POPULATIONS FORESTS OF PRINCE	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	267
SYSTEMATIC STUDIES OF DESMODOUM PRIMARY PRODUCTIVITY OF	SYSTEMATIC STUDIES OF DESMODOUM PRIMARY PRODUCTIVITY OF	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	13
OLOGICAL ASSESSMENT OF SWG PLANT ECOSYSTEMS AS THEY ARE	OLOGICAL ASSESSMENT OF SWG PLANT ECOSYSTEMS AS THEY ARE	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	511
N SOYBEANS ENVIRONMENTAL FACTORS AND CULTURAL PRACTICES	N SOYBEANS ENVIRONMENTAL FACTORS AND CULTURAL PRACTICES	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	127
NG STUDY, MISSOURI RIVER ECOLOGY THERMAL AND INDUSTRIAL	NG STUDY, MISSOURI RIVER ECOLOGY THERMAL AND INDUSTRIAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	610
MENT AND PLANT RESPONSE GRASS RESPONSE TO FEEDLOT RUNOFF	MENT AND PLANT RESPONSE GRASS RESPONSE TO FEEDLOT RUNOFF	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	735
ENT FOR HIGH YIELD PESTICIDES IN THE AQUATIC ENVIRONMENT	ENT FOR HIGH YIELD PESTICIDES IN THE AQUATIC ENVIRONMENT	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	705
LOGY OF FISHES IN LENTIC AND LOTIC ENVIRONMENTS DOMESTIC	LOGY OF FISHES IN LENTIC AND LOTIC ENVIRONMENTS DOMESTIC	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	266
FULL RANGE OF SCIENCES AS THEY BEAR UPON THE ENVIRONMENT	FULL RANGE OF SCIENCES AS THEY BEAR UPON THE ENVIRONMENT	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	497
S ACHIEVING STABLE PREDATOR - PREY INTERACTIONS TERTIARY	S ACHIEVING STABLE PREDATOR - PREY INTERACTIONS TERTIARY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	740
ESTUARINE BENTHIC ECOLOGY EFFECT OF HEATED	ESTUARINE BENTHIC ECOLOGY EFFECT OF HEATED	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	694
OVER WASTE TREATMENT ABRASIVE DECOLORIZATION OF DYE PLANT	OVER WASTE TREATMENT ABRASIVE DECOLORIZATION OF DYE PLANT	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	706
INVERTEBRATES CONING GLASS WORKS EFFECTS OF GLASS PLANT	INVERTEBRATES CONING GLASS WORKS EFFECTS OF GLASS PLANT	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	802
IAL CONTAMINATION CONTROL OF CLOSED ENVIRONMENTS & PLANT	IAL CONTAMINATION CONTROL OF CLOSED ENVIRONMENTS & PLANT	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	39
STEMS THERMAL EFFECTS ATLANTIC COASTAL ESTUARY CHEMICAL	STEMS THERMAL EFFECTS ATLANTIC COASTAL ESTUARY CHEMICAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	407
ESIGN INCINERATOR FOR BIO AGENTS WASTE MANAGEMENT SYSTEM	ESIGN INCINERATOR FOR BIO AGENTS WASTE MANAGEMENT SYSTEM	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	515
PAPANERS, & RESERVOIRS IN OKLAHOMA EST. TOTAL FISHING	PAPANERS, & RESERVOIRS IN OKLAHOMA EST. TOTAL FISHING	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	174
MATES LARVAL HERBING MORTALITY SUBMERSIBLE STUDY FISHING	MATES LARVAL HERBING MORTALITY SUBMERSIBLE STUDY FISHING	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	143
PORT NY HYDROTHERMAL SURVEY LYNN MASS. ECOLOGICAL SURVEY	PORT NY HYDROTHERMAL SURVEY LYNN MASS. ECOLOGICAL SURVEY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	457
AR BORDENTOWN NJ NJ MARINE ECOLOGICAL STUDY NEAR LITTLE	AR BORDENTOWN NJ NJ MARINE ECOLOGICAL STUDY NEAR LITTLE	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	714
- FOREST HABITATS CONTROL REPROD. DOMESTIC ANIMALS APPL.	- FOREST HABITATS CONTROL REPROD. DOMESTIC ANIMALS APPL.	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	665
IOLOGY AND BEHAVIOR ARTIFICIAL INCUBATION OF SPARROW HAWK	IOLOGY AND BEHAVIOR ARTIFICIAL INCUBATION OF SPARROW HAWK	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	697
WINGED FLIES (DIPTERA) AND MORPHOLOGY OF SAME DIPTERA OF	WINGED FLIES (DIPTERA) AND MORPHOLOGY OF SAME DIPTERA OF	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	48
L IMPACT STATEMENT WYOMING VALLEY SIOUHANNA RIVER	L IMPACT STATEMENT WYOMING VALLEY SIOUHANNA RIVER	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	585
ASSESSMENT AND EVALUATION WATER QUALITY CHITPRIA 1972 TELL	ASSESSMENT AND EVALUATION WATER QUALITY CHITPRIA 1972 TELL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	604
AQUATIC ORGANISMS MID ATLANTIC BIGHT ENVIRONMENTAL SURVEY	AQUATIC ORGANISMS MID ATLANTIC BIGHT ENVIRONMENTAL SURVEY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	337
LL RIVER IN THE VICINITY OF THE BARBADOS & CROMBY STEAM	LL RIVER IN THE VICINITY OF THE BARBADOS & CROMBY STEAM	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	345
N.M. WESTERN N.M. POWERLINE ROUTE IMPACT TUCSON GAS &	N.M. WESTERN N.M. POWERLINE ROUTE IMPACT TUCSON GAS &	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	101
CAL AND POPULATION RELATIONSHIPS ENVIRONMENTAL IMPACT OF	CAL AND POPULATION RELATIONSHIPS ENVIRONMENTAL IMPACT OF	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	703
DOWN WIND TRAVEL OF CHY EVEN SPILL USE OF CLUIDIZED	DOWN WIND TRAVEL OF CHY EVEN SPILL USE OF CLUIDIZED	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	520
SEA SNAKES ION AND WATER BALANCE OF HUMAN EXTRA-RENAL	SEA SNAKES ION AND WATER BALANCE OF HUMAN EXTRA-RENAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	5
ICAL PRACTICITY (GENERAL) AND PORPHYRINS (SPECIFIC) THE	ICAL PRACTICITY (GENERAL) AND PORPHYRINS (SPECIFIC) THE	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	749
D TO DDT ULTRASTRUCTURAL CHANGES IN FISH EXPOSED TO DDT	D TO DDT ULTRASTRUCTURAL CHANGES IN FISH EXPOSED TO DDT	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	219
CYPERACEAE SYSTEMATIC LEAF ANATOMY OF EULROSISE SCANNING	CYPERACEAE SYSTEMATIC LEAF ANATOMY OF EULROSISE SCANNING	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	56
LIAN CELL CULTURE CELL CULTURE ASSAY OF WATER POLLUTANTS	LIAN CELL CULTURE CELL CULTURE ASSAY OF WATER POLLUTANTS	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	426
PHYSIOLOGY OF SYNAPTIC TRANSMISSION PHYSIOLOGY OF	PHYSIOLOGY OF SYNAPTIC TRANSMISSION PHYSIOLOGY OF	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	103
RATS, DOGS, & HORSES CELLULAR & DEVELOPMENTAL BIOLOGY;	RATS, DOGS, & HORSES CELLULAR & DEVELOPMENTAL BIOLOGY;	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	411
DEUM SPORES COMPARATIVE STUDIES OF PLANT PROTEINS USING	DEUM SPORES COMPARATIVE STUDIES OF PLANT PROTEINS USING	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	745
YSIOLOGIST - EFFECT OF SMOKE ON CELL POTENTIALS CARDIAC	YSIOLOGIST - EFFECT OF SMOKE ON CELL POTENTIALS CARDIAC	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	540
ICAL BASIS OF BEHAVIOR SENSORY BASIS OF BIRD NAVIGATION	ICAL BASIS OF BEHAVIOR SENSORY BASIS OF BIRD NAVIGATION	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	81
ION IN ECOSYSTEM SALINITY EFFECTS ON USE OF HYDROCARBONS	ION IN ECOSYSTEM SALINITY EFFECTS ON USE OF HYDROCARBONS	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	647
IGS OF BARK BEETLES ATTRACTANT PHEROMONE OF THE EUROPEAN	IGS OF BARK BEETLES ATTRACTANT PHEROMONE OF THE EUROPEAN	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	329
RODUCTS INSECTS PHEROMONE PRODUCTION BY SMALLER EUROPEAN	RODUCTS INSECTS PHEROMONE PRODUCTION BY SMALLER EUROPEAN	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	657
HUDSON RIVER BENTHOS ENVIRON SURVEY AQUATIC INVERTEBRATE	HUDSON RIVER BENTHOS ENVIRON SURVEY AQUATIC INVERTEBRATE	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	405
ATISTIC ANALYSIS OF CORNUS PLANT MORPHOLOGY SYSTEMATICS	ATISTIC ANALYSIS OF CORNUS PLANT MORPHOLOGY SYSTEMATICS	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	12
& DEVELOPMENTAL BIOLOGY; ELECTRON MICROSCOPY, HISTOLOGY	& DEVELOPMENTAL BIOLOGY; ELECTRON MICROSCOPY, HISTOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	12
S IN DIFFERENTIATING EMBRYONIC SYSTEMS AND PHYSIOLOGICAL	S IN DIFFERENTIATING EMBRYONIC SYSTEMS AND PHYSIOLOGICAL	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	140
OSCOPIIC DISTRIBUTION OF NUCLEIC ACIDS IN DIPEPENTIATING	OSCOPIIC DISTRIBUTION OF NUCLEIC ACIDS IN DIPEPENTIATING	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	209
CRAB TO CADMIUM TOXIC EFFECTS OF HEAVY METALS TO OYSTER	CRAB TO CADMIUM TOXIC EFFECTS OF HEAVY METALS TO OYSTER	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	240
ET ANALYSIS OF LAKE GEORGE SEDIMENTS AQUATIC ENVIRONM	ET ANALYSIS OF LAKE GEORGE SEDIMENTS AQUATIC ENVIRONM	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	31
QUALITY OF B RIVER BASIN IN N.R. NO. LIFE HISTORY OF THE	QUALITY OF B RIVER BASIN IN N.R. NO. LIFE HISTORY OF THE	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	767
UTANTS AND EVALUATION OF HEALTH EFFECTS DETERMINATION OF	UTANTS AND EVALUATION OF HEALTH EFFECTS DETERMINATION OF	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	755
WATER POLLUTION CONTROL WITH	WATER POLLUTION CONTROL WITH	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	736
MICROSPORIDAN PARASITES ON MALARIA AND ENTOMOLOGY WITH	MICROSPORIDAN PARASITES ON MALARIA AND ENTOMOLOGY WITH	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	635
UNOLOGY OF DISCINE VITROUS	UNOLOGY OF DISCINE VITROUS	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	569
URVEY COASTAL REGION OF GEORGIA SALT MARSH ECOLOGY WITH	URVEY COASTAL REGION OF GEORGIA SALT MARSH ECOLOGY WITH	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	78
ON SURVEY LAKE BURKE CENSUS SURVEY AQUATIC ECOLOGY WITH	ON SURVEY LAKE BURKE CENSUS SURVEY AQUATIC ECOLOGY WITH	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	
EMICE EXPERIMENTAL VERT. ECOLOGY AND CYTOGENETICS WITH	EMICE EXPERIMENTAL VERT. ECOLOGY AND CYTOGENETICS WITH	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	EDGECWOOD LAKES NYS-DEC HEARING; AQUATIC ECOLOGY	

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

OSIS & OVULATION REPRODUCTIVE ENDOCRINOLOGY - SPECIAL	EMPHASIS ON NEAR-SHORE AND INTERTIDAL ENVIRONMENT	165
AINS REGION TWO AREAS: (1) ENVIRONMENTAL EDUCATION WITH	EMPHASIS ON OVULATION AND STERILIZATION EFFECT	667
QUANTICO MCB DEAD DEER SURVEY WILDLIFE MANAGEMENT WITH	EMPHASIS ON POPULATION EDUCATION AND (2) INFORMA	19
NERIC HABITATS WATER ECONOMY OF DESERT MAMMALS SPECIAL	EMPHASIS ON SMALL GAME SPECIES EVALUATION OF EVO	718
ACCELERATED REHABILITATION IN A SOUTH DAKOTA LAB. HAVE	EMPHASIS: KIDNEY STRUCTURE AND FUNCTION RENAL MO	343
ARBOR, CONN. DEVELOPMENT OF ESTUARINE RESEARCH PROGRAMS	EMPHASIZED FRESHWATER ECOLOGY IN MANY ASPECTS IN	368
E DIVERSITY PLANT POPULATIONS PROCESSION CONSULTANT &	EMPHASIZING COMMUNITY STRUCTURE AND DYNAMICS ENV	174
CTS OF MEDICAL IMPORTANCE EPIDEMIOLOGY OF EASTERN POINTN	EMPLOYEE - WISCONSIN SCIENTIFIC AREA COUNCIL SU	543
FER LICK INTERPRETING NATURAL HISTORY OF RAPE AND	ENCEPHALITIS PHYSIOLOGICAL AGE OF MOSQUITOES IN	499
MAINE PLANKTON STUDIES	ENDANGERED ANIMALS ECOSURVEY OF CAPE VINCENT NEW	540
ALS COMPILATION OF WILDLIFE IMPORTED TO US	ENDANGERED SPECIES STUDIES	388
ECOLOGY AND MANAGEMENT OF WILDLIFE ESPECIALLY RARE	ENDANGERED SPECIES SYSTEMATICS OF TINAMOUS SYST	32
HES ZOOGEOGRAPHY EAST U.S. FRESHWATER FISHES SURVEY R.	ENDANGERED SPECIES AND IN LATIN AMERICA AND CAR	400
CELL POTENTIALS CARDIAC ELECTROPHYSIOLOGY; REPRODUCTI	ENDANGERED FISHES S.E. U.S. PREIMPOUNDMENT SURV	349
AND SYSTEMATICS COMPARATIVE ENDOCRINOLOGY REPRODUCTIVE	ENDOCRINOLOGY PHYSIOLOGIST - EFFECT OF SMOKE ON	40
CALIFORNIA FISH PHYSIOLOGY AND SYSTEMATICS COMPARATIVE	ENDOCRINOLOGY - SPECIAL EMPHASIS ON OVULATION AN	667
ERMUDA NUTRITIONAL REQUIREMENTS AND ECOLOGY OF BENTHIC	ENDOCRINOLOGY OF COLOR CHANGE IN CHOTAPHYTUS HAB	149
R. DIELORIN BY MARINE ALGAE PERSISTENCE OF DICHOLOFENIL	ENDOCRINOLOGY OF EXOTHERMS	189
ON THE KANAWHA RIVER USE OF CRUDE BIOASSAY TECHNIQUE IN	ENDOCRINOLOGY OF FISHES TROUTS OF UPPER KERN RIV	629
DIEMA MELANOPUS IN USSR FOREIGN EXPLORATION FOR NATURAL	ENDOCRINOLOGY REPRODUCTIVE ENDOCRINOLOGY OF FISH	624
RACE PHYSIOLOGICAL ECOLOGY AND POPULATIONS HOUSE SPARROW	ENDOSYMBIOSIS AND OTHER PHYTOPLANKTON SURVEY OF C	196
IS OF MARINE FISHFISHES DATA INCLUDING ECOLOGY OF ANIMALS	ENDOTERMAL IN POND WATER & HYDROSOIL INTERACTION	573
PHYSIOLOGICAL ECOLOGY WATER RELATIONS OF DESERT TELEOST	ENDRIN POISONING OF SHAWNEE LAKE BENTHIC MACROF	280
Y RESPIRATION ENERGETICS OF PLANKTON SARGASSUM COMMUNITY	ENEMIES OF INTRODUCED INSECT PESTS (BIOLOGICAL C	200
D DISTRIBUTION EFFECTS OF AIE POLLUTION ON SMALL MAMM	ENERGETICS AND DISTRIBUTION EFFECTS OF AIR POLLU	7
ORY BIGHT BENTHOS DEEP-SEA BENTHIC COMMUNITY RESPIRATIO	ENERGETICS AND SYSTEMS ANALYSIS	700
CHIMUNKO POPULATIONS POPULATION HISTORY AND ECOLOGY	ENERGETICS OF AQUATIC INVERTEBRATES	679
OF WHITE TAILED DEER INVESTIGATION OF WINTER DEER YARD	ENERGETICS OF ESTUARINE FLOUNDER POPULATION SURV	234
SYSTEM DEEP SEA PARTICULARLY MARINE MEGALOPHYTES	ENERGETICS OF LOCOMOTION METABOLISM & TEMPERATI	716
MARINAR SIMULATION MODEL OF NARRAGANSETT BAY	ENERGETICS OF MARINE COMMUNITIES AND POPULATIO	611
Y FISHES GENERAL ECOLOGY WILDLIFE ECOLOGY ECOLOGICAL	ENERGETICS OF PASSERINE NESTLINGS VEGETATION PH	65
NO GENERATION AND USE OF ENERGY NONPOLLUTING SOURCES	ENERGETICS OF PELAGIC SARGASSUM COMMUNITY ENER	661
HEALTHY GUIDED EDUCATION LABORATORY AVIAN NICHOLSON	ENERGETICS OF SMALL MAMMALS IN ROSSSES EFFECT OF	274
REY-BALANCE ENVIRONMENTAL PHYSIOLOGY ANIMAL PHYSIO	ENERGETICS OF SNOWSHOE HARE DEER AND FISHER	461
IOLOGICAL AND PHYSICAL AUTOPOHICATION REDUCTION OF ENV	ENERGETICS SALT MARSH POLLUTION MERRAUNO NORT	151
IRONMENTAL POLLUTION COMMUNITY ENVIRONMENTAL MANAGEMEN	ENERGETICS SYSTEMS ANALYSIS SIMULATION MARSH CO	511
YSIOLOGY ECOSYSTEMS PRODUCTIVITY RECYCLING OF NUTRIEN	ENERGETICS WILDLIFE PHYSIOLOGY EVALUATION OF NA	465
AX POPULATION ENVIRONMENTAL REPOST - NUCLEAR POWER PLANT	ENERGY PHYSICS AND ENGINEERING APPLIE	71
LOCATION OF SEAWATER SALT WATER ECOLOGY WITH EMPHASIS ON	ENERGY BALANCE DEVELOPMENT OF MARSH HABITAT FOR	211
PHYSICS AND ENGINEERING APPLIED TO GENERATION AND USE OF	ENERGY BALANCE OF ORGANISMS UNDER NATURAL CONDIT	6
AL SYSTEMS ANALYSIS COMMUNITY MODELLING HEALTH EFFECTS OF	ENERGY BUDGETS MATHEMATICAL ANALYSIS OF AQUATIC	342
CONDITIONS OF THE BIODA OF CHEAPEAKE BAY OIL SPILL SCUL	ENERGY COST AND ENVIRONMENTAL PROTECTION ENVIRO	747
OF WOODY ORNAMENTAL PLANTS PHYSIOLOGICAL MECHANISMS FOR	ENERGY FLOW THROUGH SOIL-PLANT-ATMOSPHERE CONTIN	47
MINERAL IMPACT STATEMENT ON HYDROELECTRIC PROJECT RUEL	ENERGY FLOW THROUGH UCA PUGNAX POPULATION ECOLOG	657
IOLOGICAL ECOLOGY OF A WILD BIRD PHYSIOLOGICAL ECOLOGY	ENERGY FLOW THROUGH UCA PUGNAX POPULATION ENVIRO	435
RES WILDLIFE ECOLOGY; WILDLIFE MANAGEMENT; WILDLIFE LA	ENERGY NONPOLLUTING SOURCES OF ENERGY	747
WALLY FISHFISHES PLUS POLLUTION CONTROL AN ENVIRONMENTAL	ENERGY POLICY HEALTH EFFECTS ON HUMANS CAUSED B	747
TO ECOLOGICAL SURVEYS OF POWER PLANT STEPS ENVIRONMENTAL	ENERGY POLICY PROJECT	69
ION OF S-NAMPOHUS FISH LANGUAGE AND PROTECTIVE FACILI	ENERGY SOURCES OF AQUATIC HETEROTROPHIC BACTERIA	802
AMPHI HELICOPTER DELIVERY OF MEDICAL CARE HIGHWAY SYSTEM	ENERGY TRANSFER IN PLANT SYSTEMS GROWTH REQUIREM	349
RAY NONPOLLUTING SOURCES OF ENERGY PHYSICS AND	ENERGY AIR AND WATER POLLUTION CONTROL SOLVENT	372
ING ENVIRONMENTAL DIVISION MANAGER ENVIRONMENTAL	ENERGY-BALANCE ENVIRONMENTAL PHYSIOLOGY ANIMAL	674
2 JAMES RIVER PASTE WASTE MANAGEMENT PLAN ENVIRONMENTAL	ENFORCEMENT BLACKBIRD DEPERATIONS STUDIES ECOLO	340
WATER SPREADING AND MOVEMENT OF OIL SPILLS FOOD PROCESS	ENGINEER ODT ANALYSIS OF LAKE GEORGE SEDIMENTS A	209
SYSTEM INDUSTRIAL LAUNDRY WASTE TREATMENT SYSTEM PROCESS	ENGINEERING SITING AND OPERATION OF NUCLEAR POW	69
COLONY GROWTH OF COMMON FOULING BRYOZOAN BRYOZOA OF NEW	ENGINEERING ADVISOR TO TECHNICAL AND POLICY COMM	74
FRESHWATER SNAIL VIVIPARUS GEORGIANUS SILICA CYCLE - NEW	ENGINEERING AND PLANNING SOUTHERN W. VAL ENVIRON	512
LATION BIOLOGY IN SEABIRDS POPULATION & MOVEMENTS OF NEW	ENGINEERING APPLIED TO GENERATION AND USE OF EN	733
M STUDIES AND MODELS OF ESTUARINE AREAS ECOLOGY OF A NEW	ENGINEERING COMPUTER APPLICATIONS & DATA PROCESS	147
WOODY BAY DAM INVESTIGATION OF HERPING RESOURCES IN NEW	ENGINEERING IMPACT ANALYSIS CHEMICAL AND PHYSICA	77
I SUPERSTANNERS ON MACHIAS BAY MAINE OFFSHORE OIL AND NEW	ENGINEERING OIL SPILL SOURCE DETECTION PURELY IN	630
N RESOURCE DEVELOPMENT FAO ARCHAEOLOGY ENGR. ARCHAEOLOGY	ENGINEERING RELATED TO INDUSTRIAL POLLUTION CONT	637
SOIL SCIENCE IN RESOURCE DEVELOPMENT FAO ARCHAEOLOGY	ENGLAND BRYOZOA OF PANAMA CANAL REGION ECOLOGY	34
ALGAE COMPARISON OF ALUM AND IRON SULFATES FOR I REMOVAL	ENGLAND HARDWATER LAKE ENVIRONMENTAL IMPACT OF R	623
F MARINE ZOOPLANKTON ZOOPLANKTON OF LOWER CHEAPEAKE BAY	ENGLAND HERRING GULLS MANAGEMENT OF MASSACHUSETT	194
INDICEMICAL DETERMINATION OF STRIPED BASS POP. EFFECTS OF	ENGLAND SALT MARSH ECOLOGICAL MODEL OF NARRAGAN	528
CTS OF POLLUTION ON AQUATIC ECOSYSTEMS EFFECT OF ORGANIC	ENGLAND STUDY OF FUNGUS DISEASE OF HERPING SCOT	610
CTOF STUDIES ON MOSQUITOES & CHIKUNGUNYA VIRUS MEDICAL	ENGR. ARCHAEOLOGY ENGR.	524
POI ADAPTATION OF HUMAN MALARIA TO ANIMAL MODELS MEDICAL	ENHANCEMENT OF NITRIFICATION WITH CLINOPTILOLITE	41
AQUATIC	ENRICHMENT OF STRIPED BASS POPULATION POPULATIO	275
NISTAN EFFECT OF MICROSPORIDIAN PARASITES ON MALAYA	ENLARGEMENT OF C & D CANAL ANALYSIS OF ENVIRONM	404
ECOLOGY WITH A STRONG BACKGROUND IN ICHTHYOLOGY AQUATIC	ENRICHMENT ON BENTHIC FAUNA OCCURRENCE OF SYMBIO	399
CONN. RIVER BENEFIT-COST ANALYSIS THERMAL POLLUTION AND	ENTOMOLOGY ARBOVIROLOGY SEROLOGY ENVIRONMENTAL P	454
2 MULTIPLE ENVIRONMENTAL ASSESSMENT OF BRUNSWICK REACHES	ENTOMOLOGY OF RURAL AFGANISTAN EFFECT OF MICROSP	755
2. AUTH. ENV. ASSESSMENT ROCKAWAY VALLEY REG. SEW. AUTH.	ENTOMOLOGY POLLUTION OF BEPPE TOMAWANDA CREEK	455
EW. AUTH. ENV. ASSESSMENT SOUTH HAMMOUTH REG. SEW. AUTH.	ENTOMOLOGY WITH EMPHASIS ON DISEASE TRANSMISSIO	785
EW. FRESH WATER AND MARINE OCEAN COUNTY REG. SEW. AUTH.	ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL POLLUTI	337
	ENTRAINMENT EFFECTS ON ICHTHYOPLANKTON THROUGH A	456
	ENV. ASS. OF CRABTREE CREEK FLOOD CONTROL PROJEC	734
	ENV. ASSESSMENT PLANKTON ECOLOGY AND ENVIRONMEN	427
	ENV. ASSESSMENT ROCKAWAY VALLEY REG. SEW. AUTH.	427
	ENV. ASSESSMENT SOUTH HAMMOUTH REG. SEW. AUTH.	427

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

URBAN SYSTEMS ENGINEERING AND PLANNING SOUTHERN W. VA.	ENVIRONMENTAL HEALTH PLAN ROADSIDE PEST AREA EVA	512
KUNGINYA VIRUS MEDICAL ENTOMOLOGY ARBOVIRUSLOGY SEROLOGY	ENVIRONMENTAL HEALTH SEPOEPIEMIOLOGICAL SURVEY A	454
IS CHEMICAL AND PHYSICAL PROCESSES ARTIC OIL EXPIRATION	ENVIRONMENTAL IMPACT ANAL. REGIONAL SOLID WASTE	777
PLANT COMMUNITY ANALYSIS -	ENVIRONMENTAL IMPACT ANALYSIS	277
EACH EROSION ENVIRONMENTAL IMPACTS, STANNARDS RESERVOIR	ENVIRONMENTAL IMPACT ANALYSIS AND IMPACT STATEME	585
CLAND WATER RESOURCES MANAGEMENT ENVIRONMENTAL PLANNING	ENVIRONMENTAL IMPACT ASSESSMENT STUDY HIGHWAY AI	6
ACTION EFFECT OF THERMAL DISCHARGE ON ALGAL PRODUCTIVITY	ENVIRONMENTAL IMPACT ASSESSMENT ESPECIALLY IN T	297
VOIR TEXAS ENVIRONMENTAL PLAN TRINITY RIVER BASIN TEXAS	ENVIRONMENTAL IMPACT BROOKHAVEN LANDRILLS NEW Y	791
MPED STORAGE SITES REPORT ON BIOLOGICAL PHYSICAL HUMAN	ENVIRONMENTAL IMPACT FACTORS-DEWISE SOLDTIONS A	193
G THALLIUM POLLUTION HAZARDOUS SPILLS OF TOXIC CHEMICALS	ENVIRONMENTAL IMPACT OF DREDGE DISPOSAL STREAM	447
ON PROGRAMS EMPHASIZING COMMUNITY STRUCTURE AND DYNAMICS	ENVIRONMENTAL IMPACT OF DREDGING DUMPING NEW H	174
EVOLUTIONARY PHYSIOLOGICAL AND SOCIOALTON RELATIONSHIPS	ENVIRONMENTAL IMPACT OF ELECTRICAL TRANSMISSION	101
RITS(ENV. IMPACT VAN PATTER DEV. SEVERAL HUNDEFR UNITS	ENVIRONMENTAL IMPACT OF GRAND PROJECTS IMPACT AS	252
BEST SYSTEM ANALYSIS OF AGRICULTURAL CHEMICALS IN CROPS	ENVIRONMENTAL IMPACT OF PESTICIDES IN FOREST AND	786
US GEORGIANUS SILICA CYCLE - NEW ENGLAND HAROWATER LAKE	ENVIRONMENTAL IMPACT OF ROWLESBURG DAM ON CHEAT	677
RIA RESEARCH ANALYZE SYSTEMATICE STUDY PACTS TO ASSESS	ENVIRONMENTAL IMPACT ON LAND - WILDLIFE RESOURCE	169
OL OF ANTIBIOTIC BIOSYNTHESIS AND ACTIONS OF ANTIBIOTICS	ENVIRONMENTAL IMPACT PANEL ANTIBIOTIC ACTION ANT	77
OF ANTIBIOTICS AND REGULATION OF ANTIBIOTIC BIOSYNTHESIS	ENVIRONMENTAL IMPACT PANEL ANTIBIOTIC BIOSYNTHES	76
CTION OCEANOGRAPHY AND METEOROLOGY ACOUSTICS PLANNING	ENVIRONMENTAL IMPACT PREDICTION FACILITY WAVE PR	559
PLA DIATOM COMMUNITY ANALYSIS; ALGOLGY (FRESH WATER)	ENVIRONMENTAL IMPACT STATEMENT - NUCLEAR POWER D	347
NEW YORK POWER PLANT ECOLOGY - NEW HAVEN HARBOR CONN.	ENVIRONMENTAL IMPACT STATEMENT - THAMES RIVER C	729
COLOGY - ENVIRONMENTAL INFLUENCES ON BEHAVIOR SPECIATION;	ENVIRONMENTAL IMPACT STATEMENT DEVELOPMENT ARMY	270
RESOURCE RECYCLING CONVERSION OF WASTE TO FUEL GAS	ENVIRONMENTAL IMPACT STATEMENT DVC LIG. ROT.	27
ENVIRONMENTAL IMPACT STATEMENTS ON VARIOUS GAS PROJECTS	ENVIRONMENTAL IMPACT STATEMENT ON HYDROELECTRIC	371
STRESS VETERINARY SCIENCE AND ECOLOGY DEGREE CANDIDATE	ENVIRONMENTAL IMPACT STATEMENT PPREPARATION PEREG	754
-GROWTH LIFE HISTORIES; ENVIRONMENTAL IMPACT STATEMENTS	ENVIRONMENTAL IMPACT STATEMENT WYOMING VALLEY	48
D MAPING FISHERIES BIOLOGY; AGE-GROWTH LIFE HISTORIES;	ENVIRONMENTAL IMPACT STATEMENTS ENVIRONMENTAL IM	48
A LONG DYNAMICS OF A POP. OF SCORPION CLANC IPSWICH VA	ENVIRONMENTAL IMPACT STATEMENTS MERCURY TO SEDIM	496
GY AIR AND WATER POLLUTION CONTROL SOLVENT REFINED COAL	ENVIRONMENTAL IMPACT STATEMENTS ON VARIOUS GAS P	372
ATED EDISON ECOLOGY; TROPICS; SOIL-PLANT RELATIONSHIPS;	ENVIRONMENTAL IMPACT STUDIES EURNAS/WORLD BANK P	265
A OF LONG ISLAND THE MARSHES OF THE COOPER RIVER ESTUARY	ENVIRONMENTAL IMPACT STUDIES I-IV SOUTH CAROLIN	687
RE POLLUTION ABATEMENT STUDY NATURAL RESOURCE MANAGEMENT	ENVIRONMENTAL IMPACT STUDY ENVIRONMENTAL MANAGE	747
PHYSIOLOGY TESTING MODEL FFE ANTARCTIC FRESHWATER LAKE	ENVIRONMENTAL IMPACT STUDY: ALGAL AND BACTERIAL	531
YAS ENVIRONMENTAL IMPACT BROOKHAVEN LANDFILLS NEW YORK	ENVIRONMENTAL IMPACT TITUS RESERVOIR TEXAS ENVI	792
DESIGN OF WATER QUALITY MONITORING SYSTEMS ASSESSMENT OF	ENVIRONMENTAL IMPACTS IN AQUATIC ECOSYSTEMS IMPA	497
IMPACT STATEMENT - THAMES RIVER, CONN. EVALUATING	ENVIRONMENTAL IMPACTS IN ESTUARIES AND COASTAL W	729
ASPECTS OF AQUATIC SYSTEMS AND BIOLOGICAL RELATIONSHIES	ENVIRONMENTAL IMPACTS STATEMENT RESEARCH STUDY P	117
UNDER NEPA PHYSIOLOGICAL ECOLOGY PLANT-WATER RELATIONS	ENVIRONMENTAL IMPACTS PRESQUE ISLE BEACH PROSIO	585
ACTIONS ENVIRONMENTAL IMPACTS PRESQUE ISLE BEACH FROSON	ENVIRONMENTAL IMPACTS STANNARDS RESERVOIR ENVI	585
STATE PLAN FOR ENVIRONMENTAL EDUCATION ANIMAL ECOLOGY -	ENVIRONMENTAL INFLUENCES ON BEHAVIOR SPECIATION;	270
MARINE PLANKTONIC ALGAE. AT PRESENT I AM AN	ENVIRONMENTAL INFORMATION SPECIALIST	776
INTERACTIONAL PROPERTIES OF INDIVIDUALS THEIR MUTUAL AND	ENVIRONMENTAL INTERDEPENDENCE TREATMENT OF ADOLE	120
VIAN FLIGHT FORMATIONS AVIAN FLOCKING BEHAVIOR AND BIRD	ENVIRONMENTAL INVENTORIES BIRDS OF ATLANTIC SEAB	328
L GARDEN GRAZING PRESSURE EFFECTS ON PLANT POPULATIONS;	ENVIRONMENTAL LAW GRAZING PRESSURE EFFECTS ON PI	611
NATURAL RESOURCE MANAGEMENT ENVIRONMENTAL IMPACT STUDY	ENVIRONMENTAL MANAGEMENT AND POLLUTION ABATEMENT	747
SOUTH DAKOTA ANIMAL ECOLOGY AND MANAGEMENT AND TEACHING	ENVIRONMENTAL MANAGEMENT DEVELOPING ENVIRONMENTA	67
S ON HUMANS CAUSED BY ENVIRONMENTAL POLLUTION COMMUNITY	ENVIRONMENTAL MANAGEMENT ENERGY COST AND ENVIRON	745
L AND CLEAN UP ARCTIC SOILS PERMAFROST TUNDRA ECOLOGY	ENVIRONMENTAL MANAGEMENT IN COLD REGIONS U.S. TU	82
RED MANAGEMENT IN RELATION TO GROWTH LAND USE PLANNING -	ENVIRONMENTAL MANAGEMENT NUTRIENT CYCLING IN FOR	374
- CENTRAL ROCKY MOUNTAINS FOREST RESOURCES SCIENCES AND	ENVIRONMENTAL MANAGEMENT PRIMARY PRODUCTIVITY A	571
RESEARCH PROJECT SPORT FISHERY OF BISCAYNE BAY, FLORIDA	ENVIRONMENTAL MARINE SCIENCE AND ITS ADMINISTRAT	744
OF HEXACHLOROPHENE PESTICIDES IN THE MARINE ENVIRONMENT	ENVIRONMENTAL METABOLISM AND EFFECTS OF PESTICID	548
ENTIAL EFFECT OF POWERPLANT ON MARSA. BAY ASSESSMENT OF	ENVIRONMENTAL MODIFICATION BY POLLUTION (MARINE-	555
NGAME WILDLIFE AND FOREST MANAGEMENT SYSTEMS EFFECTS OF	ENVIRONMENTAL MODIFICATION ON WILDLIFE HABITAT T	159
PLANTS RADIOBIOLOGICAL RESPONSES CE ORBITED TRADESCANTIA	ENVIRONMENTAL MUTAGEN TESTING WITH TRADESCANTIA	676
AFIBREAN SOCIAL BIOLOGY ECOLOGY CE HOMICIDE AND SUICIDE	ENVIRONMENTAL NEUROBIOLOGY SUCCESSION SHALLOW CO	770
COMPARATIVE BIOCHEM. MOLECULAR SYSTEMATICS	ENVIRONMENTAL PHYSIOLOGY	88
NS AS POLLUTION INDICATORS ADAPTATIONS OF REPTILE BLOOD	ENVIRONMENTAL PHYSIOLOGY OF FISHES AMPHIBIANS	561
EFFECTS OF CORTICOSTEROIDS ADMINISTERED TO NEWBORN RATS	ENVIRONMENTAL PHYSIOLOGY OF MARINE ANIMALS IMPAC	717
PERMENT ON PENETRATION OF ANTICHLINESTERASES THRU SKIN	ENVIRONMENTAL PHYSIOLOGY PHYSIOLOGICAL EFFECTS O	164
Y OF A WILD BIRD PHYSIOLOGICAL ECOLOGY ENERGY-BALANCE	ENVIRONMENTAL PHYSIOLOGY ANIMAL PHYSIOLOGY ENER	674
LS, NEW YORK ENVIRONMENTAL IMPACT TITUS RESERVOIR TEXAS	ENVIRONMENTAL PLAN TRINITY RIVER BASIN TEXAS ENV	792
ENVIRONMENTAL POLLUTION CONTROL AND WATER RESOURCES MANAGEMENT	ENVIRONMENTAL PLANNING ENVIRONMENTAL IMPACT ASSE	6
I GOVERNMENT PLAN PHYSIOLOGICAL ECOLOGY & COMPREHENSIVE	ENVIRONMENTAL PLANNING SOLID WASTE MANAGEMENT PL	385
CONTROL CLAY HILL VERMIN CONTROL PROJECT GOV. COM/DEVELOP	ENVIRONMENTAL POLICY FOR CT PESTICIDE CONTROL LE	382
ATION AND AQUATIC TOXICOLOGY, PRODUCT DETERMINATION OF	ENVIRONMENTAL POLLUTANTS AND EVALUATION OF HEALT	31
L & ENDOTHAAL IN POND WATER & HYDROSOIL INTERACTIONS OF	ENVIRONMENTAL POLLUTANTS WITH MARINE AND FRESHWA	578
SOBIAL RESEARCH AS IT PERTAINS TO INDICATOR ORGANISMS CE	ENVIRONMENTAL POLLUTION	341
OND WATER QUALITY EFFECTS BELLINGHAM BAY WATER QUALITY	ENVIRONMENTAL POLLUTION AS IT RELATES TO AIR WAT	652
I IMPACT ASSESSMENT STUDY HIGHWAY AIR POLLUTION STUDIES	ENVIRONMENTAL POLLUTION CONTROL AND WATER RESOUR	6
IN TROPICAL PONDS MEKONG RIVER ECOLOGY AQUATIC ECOLOGY;	ENVIRONMENTAL POLLUTION INFECTIOUS DISEASES THER	414
FOUND IN ICHTHOLOGY AQUATIC ENTOMOLOGY LIMNOLOGY AND	ENVIRONMENTAL POLLUTION INSTREAM MONITORING TECH	317
F SPHEROIDS TESTUDINEUS ICHTHYOLOGY FISHERY BIOLOGY	ENVIRONMENTAL POLLUTION NEW JERSEY MARINE ECOLOG	487
EPRODUCTIVE BIOLOGY PITUITARY FSN PHYSIOLOGY EFFECTS OF	ENVIRONMENTAL POLLUTION DPON AVIAN AND MAMMALIAN	108
CTS OF ENERGY POLICY HEALTH EFFECTS ON HUMANS CAUSED BY	ENVIRONMENTAL POLLUTION COMMUNITY ENVIRONMENTAL	745
RES WILDLAND RESOURCE ALLOCATION PROCEDURE WILLIAMSBURG	ENVIRONMENTAL PRESCRIPTIONS RECREATIONAL COMMUNI	255
ND ITS APPLICATION TO URBAN ENVIRONMENTS AND PETROLEUM -	ENVIRONMENTAL PROBLEMS ECOLOGICAL BASELINE STUDY	313
TO INDUSTRIAL PROCESSES PULP AND PAPER INDUSTRY CHEMICAL	ENVIRONMENTAL PROBLEMS MARKETING OF BIOCHEMICAL	731
BY RESERVOIR CONSTRUCTION PROJECT RESEARCH TO DETERMINE	ENVIRONMENTAL PROBLEMS PROJECT DESIGN TO SOLVE	68
CHEMICALS ORGANOCHELORINES AND AVIAN REPRODUCTION US USSE	ENVIRONMENTAL PROGRAM TOXIC SUBSTANCES ACT BIOC	541
QUANTITATIVE METHODS FOR WATER QUAL MONITOR DESIGN NAVY	ENVIRONMENTAL PROTECTION DATA BASE BEAVER RIVER	50
TION COMMUNITY ENVIRONMENTAL MANAGEMENT ENERGY COST AND	ENVIRONMENTAL PROTECTION ENVIRONMENTAL SYSTEMS A	745
IFSON RIVER ECOLOGY TRACE ELEMENTS IN URBAN ATMOSPHERES	ENVIRONMENTAL RADIOACTIVITY POLLUTION CONTROL R	204
TH EMPHASIS ON ENERGY FLOW THROUGH UCA PUGHNAZ POPULATION	ENVIRONMENTAL REPORT - NUCLEAR POWER PLANT ENER	635
FOR RESOURCE MANAGEMENT ECONOMICS AND POLICY ANALYSIS OF	ENVIRONMENTAL RESOURCE MANAGEMENT TRANSFORMATION	175

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

TRATED NITRATE WASTEWATERS WATERFRONT TRANSPORTATION AND	ENVIRONMENTAL RESOURCES WATER POLLUTION CONTROL	371
TECH	ENVIRONMENTAL SCIENCES AND ECOLOGY OF INVERTEBRA	199
ON ANIMALS (MAINLY MOLLUSKS INSECTS CRUSTACEANS FISH)	ENVIRONMENTAL SPECIALIST EFFECTS OF WATER QUALI	166
S ARISING FROM THE USE OF THE ENVIRONMENT REPORT OF I 95	ENVIRONMENTAL STAFF ANALYSIS OF LEGAL RIGHTS AN	422
RINE FALCON POPULATION RESEARCH TURTLES AS INDICATORS CE	ENVIRONMENTAL STRESS VETERINARY SCIENCE AND ECO	754
LETARY EFFECTS ON METABOLIC RESPONSE TO COLD EFFECTS CP	ENVIRONMENTAL STRESS (TEMPERATURE PRESSURE ETC	238
78 PA. SOUTH LEG FREEWAY NORTHWEST EXPRESSWAY ALIGNMENT	ENVIRONMENTAL STRESS ON SUCCESSIONAL SPECIES PRO	746
EY RFG. SEW. AUTH. ENV. ASSESSMENT PLANKTON ECOLOGY AND	ENVIRONMENTAL STRESS FRESH-WATER AND MARINE OCE	467
FOR FOREST PRODUCTION GROWTH OF DESERT SHRUBS EFFECT CP	ENVIRONMENTAL STRESSES ON PLANT GROWTH AND ECOSY	703
RE OF LONG ISLAND, NY	ENVIRONMENTAL STUDIES CURRENTS OFF THE SOUTH SHO	500
BOLOGICAL PROJECT CRITICAL PROBLEMS OF THE COASTAL ZONE	ENVIRONMENTAL STUDIES ASSESSMENT AND EVALUATION	588
ACT STUDIES ON COASTAL AND ESTUARINE BIOTA CRANEY ISLAND	ENVIRONMENTAL STUDY FAUNAL AND FLORAL CENSUS AND	459
ENVIRONMENTAL IMPACT FACTORS-DEVELOP SOLUTIONS A COMPARATIVE	ENVIRONMENTAL STUDY OF PUMPED STORAGE SITES REP	193
ULATION DYNAMICS OF AQUATIC ORGANISMS MID ATLANTIC BIGHT	ENVIRONMENTAL SURVEY ELECTRIC FISH BARRIER BVACU	604
NTAL MANAGEMENT ENERGY COST AND ENVIRONMENTAL PROTECTION	ENVIRONMENTAL SYSTEMS ANALYSIS COMMUNITY MODELIN	745
TRY - BARNACLE ISSUES DEVELOPMENT OF TRAINING PROGRAM -	ENVIRONMENTAL TECHNOLOGISTS THE STUDY OF NATURA	431
CHEMICAL ENVIRONMENTAL PROBLEMS MARKETING OF BIOCHEMICAL	ENVIRONMENTAL TECHNOLOGY BIOCHEMICAL-MICROBIOLO	731
STE TECHNOLOGY ANALYSIS STUDY AND SOLUTION OF COMPLEX	ENVIRONMENTAL TECHNOLOGY PROBLEMS WATER MANAGEME	329
AL ENVIRONMENTAL TECHNOLOGY BIOCHEMICAL-MICROBIOLOGICAL	ENVIRONMENTAL TECHNOLOGY RELATIVE TO INDUSTRIAL	731
ETC.) ON THE NORMAL AND DISPASED ANIMAL EFFECT OF HIGH	ENVIRONMENTAL TEMPERATURE ON DIABECTICS TERATOLO	238
TRESS CONDITIONS ENVIRONMENTAL CONSEQUENCES OF HIGHWAYS	ENVIRONMENTAL TOXICOLOGY ESPECIALLY OF ATR WAT	539
MARSHES-QUINCY, MASSACHUSETTS VERMONT SOLID WASTE PLAN	ENVIRONMENTAL WORK IN EDUCATION POLLUTION ANALY	362
LANNING & MANAGING NATURAL RESOURCES - SOCIAL ECONOMIC	ENVIRONMENTAL INSTIT INDUSTRIAL POLLUTION ABATE	471
FOR 2,4,5,7 TERATOLOGY TESTING DEFECTS OF DEVELOPMENT -	ENVIRONMENTALLY INDUCED AND INHERITED SELECTED R	49
STUDY SOFT DRINK ADDITIVES STUDY - WATER-SWEETNER SYSTEMS	ENVIRONMENTALMENTAL - NON-TOXIC FUNGI AND MILDEW	479
NTHIC ECOLOGY WITH EMPHASIS ON NEAR-SHORE AND INTERTIDAL	ENVIRONMENTS	165
SYSTEM EFFLUENTS/RECYCLING MICROBIAL HAZARDS BIOMEDICAL	ENVIRONMENTS MARINE BE	402
ENVIRONMENTS MICROBIAL CONTAMINATION CONTROL OF CLOSED	ENVIRONMENTS & PLANT EFFLUENTS DESIGN INCINERATO	402
ICAL ECOLOGY OF FOREST SPECIES AGE STRUCTURE IN UNSTABLE	ENVIRONMENTS AGE VARIATION IN GENETIC CONTROL OF	506
WATERPOW. WILDLIFE ECOLOGY AND ITS APPLICATION TO UREAN	ENVIRONMENTS AND PETROLEUM - ENVIRONMENTAL PROBL	313
OF FISH IN STREAM ECOLOGY OF FISHES IN LENTIC AND LOTIC	ENVIRONMENTS DOMESTIC EFFLUENT IN LAKE WATER SUP	750
RELATIONSHIPS OF VERTEBRATE ANIMALS; ECOLOGY OF WETLAND	ENVIRONMENTS ECOLOGY OF THE MOHAWK RIVER FLOODPL	118
F SMALL LAKES AIRBORNE BACTERIA CONTROL MICROBIOLOGY OF	ENVIRONMENTS F.A. TECHNIQUES FOR FECAL STREPTOCO	436
AND WATER FISH SENSORY SYSTEMS AS RELATED TO DIFFERENT	ENVIRONMENTS FISH AND POLLUTION MERCURY IN FISH	102
SITES HUMAN RELATIONSHIPS WITH ENVIRONMENT USING SCHOOL	ENVIRONMENTS FOR TEACHING EXPERIENCES BURNING TO	121
TRANSPORT AND ALTERATION OF ORGANIC CHEMICALS IN MARINE	ENVIRONMENTS GC-MS ANALYSIS OF PCB DDT ORGANICS	636
TIVE DEVELOPMENT OF OPTIMAL PROGRAMS FOR BOTH PEOPLE AND	ENVIRONMENTS NATIONAL CONGRESS OPTIMUM POPULATIO	142
BY PLANKTONIC ALGAE AND FATE OF CELLULOSE IN LACUSTRINE	ENVIRONMENTS POSTDOCTORAL RESEARCH ASSOCIATE CON	577
L ENGINEER DDT ANALYSIS OF LAKE GEORGE SEDIMENTS AQUATIC	ENVIRONS OF EMERALD GREEN - N.Y. STATE D.E.C. HE	209
ND PERIODONTAL DISEASES SEARCH FOR CEPHALOSPOIN AMIDASE	ENZYME ANTIBIOTICS MICROBIAL GROWTH AND FERMENT	753
HEPATITIS ASSOCIATED ANTIGEN ROLE OF HORMONES IN CANCER	ENZYMES IN ACTIVATED SLUDGE TEST FOR	478
O APPLY THIS TO WATER POLLUTION STUDIES ON THE AUTOLYTIC	ENZYMES OF S. AUREUS MICROBIAL PHYSIOLOGY AND B	648
MBEE PRESIDENT'S WATER POLLUTION CONTROL ADVISORY BOARD	EDA CONNECTICUT YANKEE ATOMIC POWER PLANT BTOLO	112
TIS PHYSIOLOGY & DISEASES MYCOECOLOGY OF SERPENTINE SOIL	EPIDEMIOLOGY & PHYSIOLOGY OF BOTRYTIS DISEASES O	446
LOGICAL AGE OF MOSQUITOES INSECTS OF MEDICAL IMPORTANCE	EPIDEMIOLOGY OF EASTERN EQUINE ENCEPHALITIS PHYS	499
ECOLOGY OF ALGAE BENTHIC DIATOMS IN ESTUARY ESTUARINE	EPIPAUNA	54
NING TROPICAL BTOLOGY RESOURCE PARTITIONING OF TROPICAL	EPIPHYTES STRUCTURE OF A TROPICAL PLANT-POLLINAT	622
S INSECTS OF MEDICAL IMPORTANCE EPIDEMIOLOGY OF EASTERN	EQUINE ENCEPHALITIS PHYSIOLOGICAL AGE OF MOSQUIT	499
CONSULTATION FOR THE PURCHASE OF AIR PARTICULATE SAMPLING	EQUIPMENT PLANT PHYSIOLOGICAL ECOLOGY & POPULAT	477
C ENRICHMENT ON BENTHICFAUNA OCCURENCE OF SYMBIOCLADIUS	EQUITANS IN CONNECTICUT EFFECTS OF POLLUTION IN	399
OF SPOTTED HAKE TEMPERATURE SELECTION OF FISH FROM LAKE	ERIE EFFECTS OF THERMAL DISCHARGES ON HUDSON FIS	35
TH ACCENT IN ORNITHOLOGY APPRAISAL OF A SUMMER CAMP LAKE	ERIE NEAR BUFFALO NY PARK LAND AQUISITION FING	400
REAN DEVELOPMENT AREAS	EROSION CONTROL IN WATER COURSES AND SLOPES IN U	764
ATER RELATIONS ENVIRONMENTAL IMPACTS PRESQUE ISLF BEACH	EROSION ENVIRONMENTAL IMPACTS STANNARDS RESERVO	585
RVEY OF MONTSWAG BAY RE: NUCLEAR POWER PLANT CONTROLLED	EROSION IN MONTSWAG BAY EFFECTS OF DREDGING IN	181
ERALOGY MINE SPOIL POTENTIALS FOR WATER QUALITY AND SOIL	EROSION MINERAL NUTRITION AND ANIMAL HEALTH SOI	649
AL ECOLOGY AERIAL SURVEILLANCE STILL PREVENTION APPL. CP	EPTS-1 TO FISHERY RESOURCE MANAGEMENT PHOTOPERIO	458
TEMATICS DISTRIBUTION AND LIFE HISTORY OF VERTEBRATES	ESP. BIRDS AND MAMMALS COMPILATION OF WILDLIFE I	32
ECOLOGY AND BEHAVIOR OF RED AND GRAY FOXES WILDLIFE ECOLOGY	ESPECIALLY ANIMAL BEHAVIOR POPULATION BTOLOGY	225
S HAVE BEEN WITHOUT REMUNERATION BROAD NATURAL HISTORY	ESPECIALLY BIRD MAMMAL AND PLANT ECOLOGY ALL CO	210
S IN CHESAPEAKE BAY	ESPECIALLY CRUSTACEAN FEEDING FEEDING OF COPEPOD	701
OF MOLLUSKS IN ESTUARIES ECOLOGY OF ESTUARINE ANIMALS	ESPECIALLY DISEASES AND PARASITES OF SHELLFISH D	16
DENT ORGANISMS FISHERIES MANAGEMENT	ESPECIALLY ESTUARINE SYSTEMS AND ESTUARINE DEPEN	375
FORESTS WIND PROFILES OVER FORESTS FOREST METEOROLOGY	ESPECIALLY EVAPOTRANSPIRATION AND SNOWMELT WATER	214
HEARING EDGEWOOD LAKES NYS-DEC HEARING AQUATIC ECOLOGY	ESPECIALLY FISHERIES PLUS POLLDTION CONTROL AS	209
TERPOWL POPULATIONS POPULATION DYNAMICS OF HOMEOTHERMS	ESPECIALLY GAME SPECIES ECOLOGY OF WATERPOWL NES	738
AND PLANT DISTRIBUTION IN TIDEWATER, MD WETLAND ECOLOGY	ESPECIALLY IN REFERENCE TO PLANT TAXONOMY AND PL	650
L WATERWAY, BEAUFORT, NORTH CAROLINA ESTUARINE ECOLOGY	ESPECIALLY IN RELATION TO FISH FAUNA EFFECTS OF	93
ON ALGAL PRODUCTIVITY ENVIRONMENTAL IMPACT ASSESSMENT	ESPECIALLY IN THE FIELD OF POWER GENERATION EPPE	287
OR MECHANISMS OF INSECT FLIGHT COMPARATIVE NEUROBIOLOGY	ESPECIALLY INVERTEBRATE SENSE ORGANS NEUROPHYSIO	37
KARST AND CAVE HYDROLOGY AND GEOLOGY; WATER POLLUTICK	ESPECIALLY MINE DRAINAGE AND INORGANIC) GEOLOGIC	573
MS, MASS. PHYSIOLOGY AND TOXICOLOGY OF AQUATIC ANIMALS	ESPECIALLY NERVOUS SYSTEMS NEUROPHARMACOLOGY OF	104
ANNING FOREST SOILS RESEARCH SOIL-FOREST RELATIONSHIPS	ESPECIALLY NUTRITION ECOLOGY AND SOIL CHANGE P	699
ITIVITY PNEUMONITIS IMMUNOLOGY OF CHRONIC LUNG DISEASES	ESPECIALLY OCCUPATIONAL RELATED DELAYED HYPERSEN	95
NAL CONSEQUENCES OF HIGHWAYS ENVIRONMENTAL TOXICOLOGY	ESPECIALLY OF AIR WATER AND OTHER POLLUTANTS L	539
& GEOGRAPHIC DISTRIBUTION INSECT DIAPAUSE AND PHENOLOGY	ESPECIALLY PARASITIC INSECTS CARRION INSECT ECOL	373
ANALYSIS OF PHYTOXIC EFFECTS OF CHEMICAL POLLUTANTS	ESPECIALLY PESTICIDES EFFECT OF MIREX ON EARLY O	114
TION, ATITLAN GREVE, ECOLOGY AND MANAGEMENT OF WILDLIFE	ESPECIALLY RARE AND ENDANGERED SPECIES AND IN L	408
OF ARTIFICIAL REEF BY FISHES ECOLOGY OF MARINE FISHES	ESPECIALLY REEF SPECIES AND THEIR ATTRACTION TO	311
TER POLLUTION AND GENETIC DEFECTS ENVIRONMENTAL GEOLOGY	ESPECIALLY RELATED TO GENETIC DEFECTS GEOLOGICAL	9
DULT AND YOUNG FISHES OF CHESAPEAKE BAY AND TRIBUTARIES	ESPECIALLY STRIPED BASS GROSS BIOLOGICAL EFFECT	586
METABOLISM OF PLANTS INORGANIC PLANT NUTRITION	ESPECIALLY TRACE ELEMENTS BORON REQUIREMENT AND	128
TERRESTRIAL POL - WASTEWATER DISE. RESOURCE ECONOMICS	ESPECIALLY WATER AND FISHERIES BIOLOGICAL IMPLIC	231
GERMAN COCKROACHES POPULATION BIOLOGY OF COCKROACHES	ESPECIALLY WITH REFERENCE TO MEANS OF BIOLOGICAL	346
SCRIBE COMM. FISH. PARAMPTERS, RESERVOIRS IN OKLAHOMA	EST. TOTAL FISHING EFT. ON SHELF FROM AREAL OBS	535

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

EST. TOTAL FISHING EFF. ON SHELF FROM AREAL OBSERVATION	535
TECHNIQUES MANUAL ATLANTIC FLYWAY COUNCIL CANADA GOOSE	223
ELD EXPERIMENT ABUNDANCE ETC. LARVA HERRING MAINE COAST	273
TUDY HERRING EGG BEDS ECOLOGY OF FISHES LARVAL FISHES	273
ONTARIO WOODLOT FLORIDA CREEL SURVEY PROGRAM NONLINEAR	462
FORAGE FISH IN TWO LARGE RESERVOIRS RESERVOIR POPULATION	246
APIE SYSTEM OF TREE-VOLUME ESTIMATIONS GIRARD FORM CLASS	782
TECHNICAL REPORT WRITING THE TAPIE SYSTEM OF TREE-VOLUME	782
ANE AGNES FLOOD ECOLOGY OF PELAGIC LARVAE OF MOLLUSKS IN	16
THOS OF HUDSON RIVER EFFECTS OF OIL FIELD BRINE ON TEXAS	788
WATER TREATMENT IN CLOSED ECOSYSTEMS HOMIC SUBSTANCES IN	646
TER SEA SALT COMPOSITION AND VARIATION IN SEDIMENTS AND	453
THAMPS RIVER, CONN. EVALUATING ENVIRONMENTAL IMPACTS IN	729
YCOLOGY & MYCOLOGY NANNOPLANKTON - DIATOM STUDY OF MAINE	583
VIRGINIA PHYTOPLANKTON AND ZOOPLANKTON ECOLOGY OF	86
Y ECOLOGY AND TAXONOMY OF MARINE YEASTS SEWAGE EFFECT ON	91
RIVER GREAT AMERICA PROJECT AQUATIC BIOLOGY-FRESHWATER	222
IOTA OF MANHASSET BAY GROUND RECHARGE IN SUFFOLK COUNTY	240
SEDIMENTS BIOLOGICAL & CHEMICAL INTERACTIONS IN FRESH	812
MPARISON OF ESTUARINE MARSHES SECONDARY PRODUCTIVITY OF	521
E PLANKTON THERMAL DISCHARGE EFFECTS ON MARINE PLANKTON	564
Y OF PELAGIC LARVAE OF MOLLUSKS IN ESTUARIES ECOLOGY OF	16
FLIES COASTAL MANAGEMENT PEST MANAGEMENT IN COASTAL AND	23
ENT ON BENTHIC INFAUNA	742
BY PHYTOPLANKTON ECOLOGY IMPACT STUDIES ON COASTAL AND	459
BIOASSAY WITH MARINE ORGANISMS PHYSIOLOGICAL RESPONSE OF	140
FISHERIES MANAGEMENT ESPECIALLY ESTUARINE SYSTEMS AND	375
SIGNIFICANCE OF COASTAL WETLANDS SHALLOW WATER MARINE &	159
ERTATION RESEARCH	317
LOGY OF INTRACOASTAL WATERWAY, BEAUFORT, NORTH CAROLINA	93
MA ENVIRONMENTAL IMPACT STATEMENTS MERCURY IN SEDIMENTS	496
SON RIVER EFFECTS OF OIL FIELD BRINE ON TEXAS ESTUARIES	788
ECOLOGY OF ALGAE BENTHIC DIATOMS IN ESTUARY	54
LAKE ERTE EFFECTS OF THERMAL DISCHARGES ON HUDSON FISH	35
JECT ECOLOGY AND POPULATION DYNAMICS OF FRESH WATER AND	774
ISHERIES DATA INCLUDING ECOLOGY OF ANIMALS ENERGETICS OF	234
LL EFFECTS, NORWALK, CONNECTICUT PHYSICAL OCEANOGRAPHY	307
D.N.C. AREA LONG RANGE RESEARCH NEEDS FOR N.C. FISHERIES	704
POPULATION BIOLOGY COMMUNITY ANALYSIS OF INSHORE AND	237
IC INVERTEBRATE EMBARRAS RIVER ILLINOIS FRESH WATER AND	339
SECONDARY PRODUCTIVITY OF A MANGROVE SWAMP COMPARISON OF	521
IC STUDY EFFECTS OF THERMAL LOADING AND WATER QUALITY ON	637
OMY OF BOLDRISHES SCANNING ELECTRON MICROSCOPY OF ACHENES	300
NTORING PROGRAM, STANFORD HARBOR, CONN. DEVELOPMENT OF	628
ENT PROBLEMS OIL POLLUTION ATLANTIC ORGANIC GEOCHEMISTRY	174
NTS WATER QUALITY PROTECTION & SDFELY PROGRAM PORT ROYAL	213
SMS FISHERIES MANAGEMENT ESPECIALLY	393
IN SALTHARSHES PHOSPHORUS CYCLING IN NATURAL MARINE AND	375
TO FISH FAUNA EFFECTS OF ZINC CHROMIUM AND NICKEL ON AN	406
SUCCESSION IN LIMNETIC PHYTOPLANKTON GRAZING BY	93
C RIVER ECOLOGY BEHAVIOR AND EVOLUTION OF FRESHWATER	39
DIFFUSERS FOR WASTE HEAT DISPOSAL SALINITY INTRUSION IN	233
ES OF SHELLFISH DISEASES OF OYSTERS FOULING ORGANISMS IN	302
TONIC MARINE CRUSTACEANS ZOOPLANKTON SURVEY OF SEABROCK	16
TURE EFFECTS ON ECOSYSTEMS ECOSYSTEM MODELLING DELAWARE	779
L RIVER ECOLOGICAL STUDY ECOLOGICAL STUDY DELAWARE RIVER	391
OSPATE MINING ON ESTUARY SURVEY OF AQUATIC ORGANISMS IN	183
RVEY CREM. ASPECTS OF WATER QUALITY IN SE VIRGINIA JAMES	336
PON AQUATIC ECOSYSTEMS THERMAL EFFECTS ATLANTIC COASTAL	332
ASS. ECOLOGIC SURVEY EGG HARBOR, NY HYDROTHERMAL SURVEY	98
ATION TEMPORAL & SPATIAL VARIATION OF ZOO. IN THE HUDSON	143
MARINE ANIMALS IMPACT OF TROPICAL STORM AGNES ON DELAWARE	594
THE FLORA OF LONG ISLAND THE MARSHES OF THE COOPER RIVER	717
LOGY-FOOD CHAIN DYNAMICS MACROBENTHOS OF CAPE PEAR RIVER	687
FRESH ESTUARINE & COASTAL WATERS PLANKTON ECOLOGY IN THE	720
C ECOSYSTEM PARAMETERS BACTERIAL GROWTH AND THE DELAWARE	812
POLLUTION; SALINITY INTRUSION TRANSIENT WATER QUALITY IN	257
D METAL ANALYSIS IN LONG ISLAND SOUND	302
ANT ECOLOGISTS SALT MARSHES DECIDUOUS FORESTS DELAWARE	711
VITIES OF AQUATIC BACTERIA EFFECT OF PHOSPHATE MINING ON	264
INTRUSION IN ESTUARINES MATHEMATICAL MODELS; RIVER AND	336
SOUTHAMPTON TOWN NEW YORK EFFECTS OF TIDE GATES ON COVE	302
ECOLOGY OF ALGAE BENTHIC DIATOMS IN	675
MPOUNDS IN THE MONKEYS ACUTE TOXICITY OF PESTICIDES TO	54
DISPOSAL IN THE OCEAN TOTAL SYSTEM STUDIES AND MODELS OF	394
VERSION EFFECTS STUDY WEANEANTIC RIVER FISHERIES PROGRAM	528
IZED ENVIRONMENTAL COATINGS FOR SHIPS BUILDINGS METALS	137
S OF ABUNDANCE AND MORTALITY FIELD EXPERIMENT ABUNDANCE	479
NVIRONMENT IODIDES IN NEMERTANS EFFECT OF METALS OIL	273
LOGY AND CHEMISTRY MICROBIAL (ALGAL BACTERIAL FUNGAL	449
EFFECTS OF ENVIRONMENTAL STRESS (TEMPERATURE PRESSURE	532
LOGY OF PARASITIC DISEASES ECOLOGY OF ONCHOCERCIASIS IN	238
AL REGARD TO ACCOUSTIC BEHAVIORS	567
BEHAVIOR OF VERTEBRATES SOCIAL BEHAVIOR OF MARMOTS HUMAN	809
EST. WT. FLOUNDER DISCARDED AT SEA BY U.S. FISHE	36
ESTABLISHMENT ORNITHOLOGY & PLANT ECOLOGY OF WF	223
ESTIMATES LARVAL HERRING MORTALITY SUBMERSED S	273
ESTIMATES OF ABUNDANCE AND MORTALITY FIELD EXPP	273
ESTIMATION BY PARABOLIC APPROXIMATION APPLICATI	462
ESTIMATION RAINBOW TROUT SPAWNING SUCCESS FISH	246
ESTIMATIONS ECOLOGY OF REDWOOD FOREST ECOLOGY A	782
ESTIMATIONS GIRARD FORM CLASS ESTIMATIONS ECOLOG	782
ESTUARIES ECOLOGY OF ESTUARINE ANIMALS ESPECIA	16
ESTUARIES ESTUARINE ECOSYSTEMS BENTHOS THERMAL	788
ESTUARIES MARINE MICROBIAL ECOLOGY SEAWEEP COLO	646
ESTUARIES ANALYSIS OF SEA WATER REGIONAL VARIATI	453
ESTUARIES AND COASTAL WATERS POWER PLANT ECOLOGY	729
ESTUARIES CRAB RESOURCES OF MAINE AQUACULTURE RO	583
ESTUARIES SURVEY OF ZOOPLANKTON OF EASTERN SHOR	86
ESTUARIES THERMAL EFFECT ON THE CONNECTICUT FIVE	91
ESTUARIES OCEANS PHYTOPLANKTON FISHERIES ANADR	222
ESTUARINE ECOLOGY AND POLLUTION CONTROL SURFACE	240
ESTUARINE & COASTAL WATERS PLANKTON ECOLOGY IN T	812
ESTUARINE AND COASTAL ECOSYSTEMS ECOLOGICAL STAP	521
ESTUARINE AND MARINE PLANKTON BIOLOGY AND POLLUT	564
ESTUARINE ANIMALS ESPECIALLY DISEASES AND PARAS	16
ESTUARINE AREAS BIOLOGY AND CONTROL OF EYE GNATS	23
ESTUARINE BENTHIC ECOLOGY EFFECT OF HEATED EFFLU	742
ESTUARINE RIOTA CFANEY ISLAND ENVIRONMENTAL STUO	459
ESTUARINE CRAB TO CADMIUM TOXIC EFFECTS OF HEAVY	140
ESTUARINE DEPENDENT ORGANISMS	375
ESTUARINE ECOLOGY MARINE AMPHIPOD CRUSTACEANS MA	159
ESTUARINE ECOLOGY PROGRAM PLANNING DOCTORAL DISS	317
ESTUARINE ECOLOGY ESPECIALLY IN RELATION TO FIS	93
ESTUARINE ECOLOGY; ENVIRONMENTAL EDUCATION DYNAM	496
ESTUARINE ECOSYSTEMS BENTHOS THERMAL EFFECTS ON	788
ESTUARINE EPIFAUNA	54
ESTUARINE FISH BIOLOGY AND ECOLOGY DISTRIBUTION	35
ESTUARINE FISHES POPULATION DYNAMICS OF ANADROMO	774
ESTUARINE FLOUNDER POPULATION SURVEY OF SPA BASS	234
ESTUARINE HYDROGRAPHY COASTAL PROCESSES SEDIMEN	307
ESTUARINE INVENTOBY LIFE HISTORIES OF AND FISH	704
ESTUARINE INVERTEBRATES	237
ESTUARINE INVERTEBRATES THERMAL DISCHARGE EFFECT	339
ESTUARINE MARSHES SECONDARY PRODUCTIVITY OF EST	521
ESTUARINE MYCOLOGY	637
ESTUARINE ONE DEGREE PRODUCTION STRUCTURE PUNC	300
ESTUARINE PLANTS OF RIVERS NEAR PHILADELPHIA NY	628
ESTUARINE RESEARCH PROGRAMS EMPHASIZING COMMUNIT	174
ESTUARINE SEDIMENTS ORGANIC GEOCHEMISTRY AND O	213
ESTUARINE STUDY LAKE SEBASTICOOK EUTROPHICATION	393
ESTUARINE SYSTEMS AND ESTUARINE DEPENDENT ORGANI	375
ESTUARINE SYSTEMS ECOLOGY OF BRACKISH PONDS RECF	406
ESTUARINE TELOST ECOLOGY OF INTRACOASTAL WATERW	93
ESTUARINE ZOOPLANKTON	39
ESTUARINE AND SHALLOW WATER MARINE FISHES OLDMA	233
ESTUARINES MATHEMATICAL MODELS; RIVER AND ESTUA	302
ESTUARINES-EFFECTS OF HURICANE AGNES FLOOD ECOL	16
ESTUARY BIOLOGY OF PLAN	779
ESTUARY FLUCTUATING TEMPERA	391
ESTUARY AQUATIC; THERMAL SEWAGE CONSTRUCTION; F	183
ESTUARY AQUATIC BACTERIA-CYCLING OF ORGANIC COMD	336
ESTUARY BENTHOS; SEDIMENT SIZE AND CHEMISTRY INF	332
ESTUARY CEMENTICAL EFFLUENTS GULF OF MEXICO-BRAZ	98
ESTUARY CIRCULATION WITH REGARDS TO WASTE DISPOS	143
ESTUARY DIPLDRIIN CONC. IN THE TROPHIC LEVELS OF	594
ESTUARY ECOLOGICAL SURVEY OF C & D CANAL LONG-TE	717
ESTUARY ENVIRONMENTAL IMPACT STUDIES I-IV SOUTH	687
ESTUARY FOOD CHAIN DYNAMICS STUDIES - AQUACULTURE	720
ESTUARY HETEROTROPHY ON THE CONTINENTAL SHELF NE	812
ESTUARY MODEL BASELINE STUDY OF TWO NEW IMPROVUM	257
ESTUARY NETWORKS SUBMERGED DIFFUSERS FOR WASTE H	302
ESTUARY POLLUTION PHOSPHATES IN LONG ISLAND SOUND	711
ESTUARY PROJECT - MARSHES POPULATION DYNAMICS OF	264
ESTUARY SURVEY OF AQUATIC ORGANISMS IN ESTUARY A	336
ESTUARY WATER QUALITY; THERMAL POLLUTION; SALINI	302
ESTUARY CT PLANT ECOLOGY OF MARINE WETLANDS FI	675
ESTUARY ESTUARINE EPIFAUNA	54
ESTUR. COREPODS SCREENING OF SAT. HYDROCARBON AS	394
ESTUARINE AREAS ECOLOGY OF A NEW ENGLAND SALT MA	528
ESTUARINE FISHERIES; POPULATION DYNAMICS; EARLY	137
ETC. FOR UNDER AND ABOVE WATER SPECIALIZED CHEMI	479
ETC. LARVA HERRING MAINE COAST ESTIMATES LARVAL	273
ETC. ON PHYSIOLOGY OF MARINE INVERTEBRATES OIL F	449
ETC.) ECOLOGY AND PHYSIOLOGY TESTING MODELS FOR	532
ETC.) ON THE NORMAL AND DISEASED ANIMAL EFFECT O	238
ETHIOPIA HOST/PARASITE INTERRELATIONSHIPS IN FI	567
ETHOLOGICAL ASPECTS OF ANIMAL BEHAVIOR WITH SPEC	809
ETHOLOGY SOCIAL	36

TABLE 3 - RESEARCH OR CONSULTATION TYPE PAGE AND PROJECT TITLE FIELD

TERRATE BEHAVIOR AND ECOLOGY POPULATION ECOLOGY S	ETHOLOGY OF PREDATION BEHAVIOR ASPECTS OF POP	473
TOBY BEHAVIOR	ETHOLOGY-ALL VERTEBRATE CLASSES-ESPEC. MAMM. PREDA	110
S INFLUENCE OF OZONE ON PLANT PROTEINS AND RNA EFFECT OF	ETHYLENE ON FLOWER PIGMENTS STRESS ON PLANTS AT	155
TROPHIC IN A PHYTOPLANKTON CELL BIOLOGY	EUCARYOTIC MICROORGANISMS - PARTICULARLY ALGAE M	331
TRUCK AND IMPORTATION OF PARASITES OF ALFALFA WEEVIL	EUROPE TO USA SEARCH FOR AND IMPORTATION OF PARA	200
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUROPE TO USA SEARCH FOR PARASITES OF OULEMA MEL	200
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUROPEAN ELM BARK BEETLE GENETICS OF PHEROMONE S	412
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUROPEAN ELM BEETLE EVALUATION OF PESTICIDE RESI	647
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION OF COLOBOSSEE WATERSHED MAINE COAST	516
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION WATER QUALITY AND WATER SUPPLY P	393
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION EFFECTS OF EUTROPHICATION OF FISH	294
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION IN A SOUTH DAKOTA LAB. HAVE ENPH	365
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION OF BUSH RIVER GREAT AMERICA PROJE	222
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION OF COASTAL PONDS ECOLOGICAL SURVE	501
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION OF FISH SPECIES ARTIFICIAL SHELTE	294
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION OF ONEIDA LAKE NEW YORK ALGAL -	278
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION OF SMALL LAKES AIRBORNE BACTERIA	436
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION OF TUNIS THERMAL EFFECTS UPON BAR	176
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION ON FRESHWATER COMMUNITIES AN ECOL	294
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION PREDICTION STREAM ENERGY BUDGETS	342
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION PROCESSES AND BIOLOGICAL POLLUTIO	469
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION STUDY OF SMITH MOUNTAIN LAKE VA.	324
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION THRESHOLDS LAKES GREAT LAKES ACC	437
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EUTROPHICATION THRESHOLDS LAKES GREAT LAKES ACC	437
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVACUATION FISH POPULATION DYNAMICS POPULATION	604
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVAL LARVICIDAL BRIQUETTES FOR CONT. MOSQUITOES	645
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATE ACTUAL AND POTENTIAL SOURCES OF AQUATIC	542
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATE LAND FOR COMMERCIAL DEVELOPMENT SOIL S	621
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATE LAND FOR RESIDENTIAL DEVELOPMENT EVALUA	621
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATE POLLUTION EFFECTS ON AQUATIC COMMUNITIE	55
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATE POTENTIAL SOURCES OF TERRESTRIAL POLLUT	553
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATING STRESS IN VEG. LAND USE RECREATION	592
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATION; PLANT COMMUNITY; STRUCTURE DIVERSIT	543
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATION/KNOWLEDGE OF SPECIFIC PESTICIDES/FORM	156
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVALUATION/SLOW RELEASE PESTICIDES AS NEW COMMER	156
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVAPORATIVE COOLING OF HORT. CROPS VEGETABLE PLA	609
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVAPOTRANSPIRATION AND SNOWMELT WATER STRESS IN	214
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVEN SPILL USE OF CLONIZED BED ELECTRODE TO CLE	783
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVERGLADES NATIONAL PARK FISHES ASSOC. PELAGIC S	191
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOL. SCALOPORUS LIZARDS EVOLUTION COMPARATIVE	297
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTION OF FISHES SURVEY OF BAHAMIAN FISH COMM	658
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTION OF FRESHWATER ESTUARINE AND SHALLOW	233
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTION OF NATURAL OR EXPERIMENTAL PLANT POPULA	656
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTION OF SEX DETERMINING MECHANISMS PEANUT S	656
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTION COMPARATIVE POPULATION CYTOGENETICS	297
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTION TAXONOMY ZOOGEOGRAPHY BIOSURVEY OF T	345
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTIONARY ASPECTS CHM. WORK GRP. 4 OF THE CON	358
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTIONARY BIOLOGY	152
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTIONARY BIOLOGY AND BEHAVIOR ARTIFICIAL INC	665
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTIONARY BIOLOGY OF MAMMALS BAT ECOLOGY ANIM	790
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTIONARY PHYSIOLOGICAL AND POPULATION RELATI	101
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EVOLUTIONARY ECOLOGICAL AND POPULATION GENETICS	732
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXCHANGE) BETWEEN ORGANISMS AND ENVIRONMENT	681
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXOTHERMS	188
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXOTIC ANIMALS	189
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXOTIC GAME BIRD PROGRAM PHEASANT LIVE TRAPPING	718
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXP. STUDIES ON COMMUNICATION IN TERMITES TERMIT	705
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPENDITURE ANALYSIS ENVIRON IMPACT - TERRESTRIAL	231
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPERIENCE CONSULTANT FORESTRY AND FIBERS & LAND	135
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPERIENCES BURNING TO PROMOTE PRAIRIE PLANT SPE	121
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPERIMENTAL PLANT POPULATIONS EVOLUTION OF SEX D	656
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPERT ON NATIONAL PARKS AND WILDLIFE MANAGEMENT	378
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPLAINING VARIATION IN A FLOUNDER FISHERY RHODE	651
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPLORATION ENVIRONMENTAL IMPACT ANAL. REGIONAL	776
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPLORATION OF NATURAL ENEMIES OF INTRODUCED IN	200
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPORT POLLUTION OF COASTAL WATERS SALT MARSH M	504
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPOSED TO DDT ELECTRON MICROSCOPIC ANALYSIS OF	768
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPOSED TO DDT ULTRASTRUCTURAL CHANGES IN FISH E	768
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPOSURE TO DDT BEHAVIORAL CHANGES IN FISH EXPOS	749
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPOSURE TO PESTICIDES PEST MANAGEMENT AS IT RE	804
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXPRESSWAY ALIGNMENT ENVIRONMENTAL STRESS ON SU	746
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXTENSION PROGRAMS IN WILDLIFE AND RELATED SUBJE	11
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXTRA-RENAL ELECTROLYTE AND WATER BALANCE IN FIS	530
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXTRACTS FUNGUS INVASION OF WOOD CULTURE DISTRI	584
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXTRACTS TO MPAS SOLAR RAD. EFFECTS OF FIRE ON	710
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXTREMES ACCLIMATIZATION OF HS SPARROW TO COLD	40
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EXUDATES AND ECOLOGY OF ROOT PATHOGENS PATHOLOG	664
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EYE GNATS INTEGRATED CONTROL OF THE HOUSE FLY I	23
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	EYE IN DAPHNIA ORIENTATIONS	690
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	F.A. TECHNIQUES FOR FECAL STREPTOCOCCI EUTROPHIC	436
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	FACTORS-DEVELOP SOLUTIONS A COMPARATIVE ENVIRONME	193
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	FACTS TO ASSESS ENVIRONMENTAL IMPACT ON LAND - W	169
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	FAIRMONT PARK PHILADELPHIA PATTERNS OF NUTRIENT	301
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	FALCON POPULATION RESEARCH TURTLES AS INDICATORS	754
TRUCK AND IMPORTATION OF PARASITES OF CYLEMA MELANOPUS	FAO ARCHAEOLOGY ENGR. ARCHAEOLOGY ENGR.	524

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

CONSERVATION PROGRAMS MANAGEMENT OF WILDLIFE ON 3000 ACRE	FARM ECOLOGICAL STUDIES FARM GAME INSECT REACTOR	433
MANAGEMENT OF WILDLIFE ON 3000 ACRE FARM ECOLOGICAL STUDIES	FARM GAME INSECT REACTORS OF DISEASE IMPORTANT T	432
RESOURCE PLANNING; HABITAT MANAGEMENT FOR GAMEBIRDS AND	FARM GAME PLAINFIELD TOWNSHIP COMPREHENSIVE PLAN	467
F PESTICIDES MODULATION OF TROPICAL LEGUMES POLLUTION OF	FARM PONDS SOIL MICROBIOLOGY BIODEGRADATION O	467
FW TURTLE FOR WEST VIRGINIA COMPARATIVE HERPETOLOGY OF 2	FARM PONDS ECOLOGY OF SYMPATRIC SPECIES AMPHIBIA	467
RECREATION PURPOSES DUR 24 TRAPPING BIOGILL SUNFISH IN	FARM PONDS LAKE TROUT CHEMOSOME MICROBIOLOGY INT	472
FACTORS OF DISEASE IMPORTANT TO MILITARY MANAGEMENT OF	FARM WILDLIFE-ADMINISTRATION CONSERVATION PROGRA	443
DES IN SOIL AND BIOACTIVITY HERBICIDE MOVEMENT IN SOILS	FATE AND BEHAVIOR OF BIOCIDES IN SOILS AND WATER	741
ICATION GENESIS AND MAPPING SOIL INTERPRETATION LAND USE	FATE OF ANIMAL WASTE IN SOILS TROPICAL SOILS SOI	92
ASSISTANT CELLULOSE PRODUCTION BY PLANKTONIC ALGAE AND	FATE OF CELLULOSE IN LACUSTRINE ENVIRONMENTS POS	577
NSTALLATIONS PHYSIOLOGICAL EFFECTS MODE OF ACTION AND	FATE OF HERBICIDES IN THE ENVIRONMENT PHYSIOLOGI	419
FS; EFFECTS OF STRESS A STRESS SYNDROME IN THE HARD CLAM	FATTY ACIDS IN MARINE FOOD WEBS LONG-TERM OBSERV	366
PRESCRIBED FIRE ON SOIL FAUNA VERTICAL MIGRATION OF SOIL	FAUNA THE MICROFAUNA OF FOREST SOIL EFFECT OF F	481
BASIN MEXICO ECOLOGY OF CHEMIDOPHORUS TIGRIS VERTEBRATE	FAUNA COLORADO NATL. MONUMENT REPRODUCTIVE PLOT	441
E MICROFAUNA OF FOREST SOIL EFFECT OF FERTILIZER ON SOIL	FADNA EFFECT OF PRESCRIBED FIRE ON SOIL FAUNA VE	480
OLINA ESTUARINE ECOLOGY ESPECIALLY IN RELATION TO FISH	FAUNA EFFECTS OF ZINC CHROMIUM AND NICKEL ON AN	93
KES LIMNOLOGY WATER POLLUTION BIOLOGY CHEMISTRY BENTHIC	FAUNA FISHES LIMNOLOGY OF TWO DISTINCTLY SEPARAT	511
N TAL IMPACT ON LAND - WILDLIFE RESOURCES THE TERRESTRIAL	FAUNA OF THREE LAKE PROJECTS IN W. VIRGINIA SEA	11
R TILIZER ON SOIL FAUNA EFFECT OF PRESCRIBED FIRE ON SOIL	FAUNA VERTICAL MIGRATION OF SOIL FAUNA THE MICH	481
AL AND ESTUARINE BIOTA CRANEY ISLAND ENVIRONMENTAL STUDY	FADNAL AND FLORAL CENSUS AND IMPACT PADDANAVOC	459
SYSTEMATICS AND ECOLOGY OF DECAPOD CRUSTACEANS DECAPOD	FAUNAL DIVERSITY IN SPARTINA FAUNAL SURVEY OF PO	511
IS UPPER DIVISION COLLEGE HARRISBURG FLOOD CONTROL STUDY	FAUNAL RESOURCES OF OKWARI PARK SITE NY CT. NY	130
DECAPOD CRUSTACEANS DECAPOD FAUNAL DIVERSITY IN SPARTINA	FAUNAL SURVEY OF POTENTIAL FILL SITES SYSTEMATI	54
AIN STIMULATION IN TOADFISH SARGASSUM COMMUNITY ECOLOGY	FAUNAL VARIATION ON PELAGIC SARGASSUM SEXUAL DIM	21
BENTHIC ECOLOGY-FOOD CHAIN DYNAMICS MACROBENTHOS OF CAFF	FEAR RIVER ESTUARY FOOD CHAIN DYNAMICS STUDIES -	72
DESCRIPTIVE AND FUNCTIONAL AVIAN ANATOMY PARTICULARLY	FEATHER STRUCTURE BRISTLES OF BIRDS INTJGMENT O	642
CONTROL MICROBIOLOGY OF ENVIRONMENTS F.A. TECHNIQUES PCR	FECAL STRPTOCOCCHI EUTROPHICATION OF SMALL LAKES	442
JACK TDNA LIFE HISTORY OF FISHES; SEXUAL MATURITY;	FFCUNDITY; AGING SEX RATIOS LIFE HISTORY OF SKIP	442
ICIDES PEST MANAGEMENT AS IT RELATES TO ACTIVITY OF THE	FEDERAL AGENCIES CATEGORIZATION OF PESTICIDES US	80
HE FEDERAL AGENCIES CATEGORIZATION OF PESTICIDES USED BY	FEDERAL AGENCIES TRAINING OBJECTIVES & STDS FOR	404
USED BY FEDERAL AGENCIES TRAINING OBJECTIVES & STDS FOR	FEDERAL PEST MANAGEMENT OCCUPATIONAL EXPOSURE TO	504
Y PLAN PLANNING AND DIRECTING ENVIRONMENTAL ANALYSIS OF	FEDERAL RESOURCE DEVELOPMENT KEHOF LAKE LAND RPO	407
ENCY PLAN FOR WILDLIFE WETLAND HABITAT TECHNIQUES MANUAL	FEDERAL-AID WILDLIFE RESEARCH PROJECTS WATERBROO	221
VERTEBRATE ECOLOGY AND PALEOECOLOGY	FEEDEE RESEARCH BIRD SOUND CASSETTES	716
WERN SHAD AND RESIDENT FISH SPECIES FOODS OF FISHES AND	FEEDING COMPETITION ON AN INTERSPECIFIC LEVEL LO	312
SPARROW HAWK EGGS ECOLOGY OF AMERICAN EAGLES COMBRATIVE	FEEDING ECOLOGY OF BLACKBIRDS VERTEBRATE ECOLO	612
AKE WATER SUPPLIES STRIP MINE RUNOFF IN PARK WATER SHED	FEEDING ECOLOGY OF FISH IN STREAM ECOLOGY OF FI	751
SECONDARY PRODUCTIVITY ESPECIALLY CRUSTACEAN	FEEDING FEEDING OF COPEPODS IN CHESAPEAKE BAY	712
L RIVER SCHUYLKILL RIVER ECOLOGICAL STUDY FISH FOOD AND	FEEDING HABITS IN RIVERS FOOD HABITS OF FISH	312
ANKTON ENVIRONMENTAL EVALUATION OF NUCLEAR POWER PLANTS	FEEDING HABITS OF PINK AND CHUM SALMON SECONDARY	382
SECONDARY PRODUCTIVITY ESPECIALLY CRUSTACEAN FEEDING	FEEDING OF COPEPODS IN CHESAPEAKE BAY	712
LTER COUNTER TO ASSESS ZOOPLANKTON GRAZING; LAKE BIOLOGY	FEEDING OF DAPHNIA ON ALGAE OF DIFFERENT SIZES O	12
Y IN FLORIDA INVESTIGATION OF FISH HABITS AND REACTIONS	FEEDING OF FISH IN BACK BAY REPOE IN VIRGINIA T	21
POLLUTION ABATEMENT AND PLANT RESPONSE GRASS RESPONSE TO	FEEDLOT RUNOFF EFFLUENT EVALUATION OF RABIO INFI	612
CO SYSTEMS STUDIES STEERING COMMITTEE OF DAT DONG OF INT.	FEL. OF REC. POPULATION BIOLOGY BOTH ITS ECOLO	712
S MARINE BACTERIOLOGY	FERMENTATION INTERACTIONS IN MICROBIAL ECOSYSTEM	312
OSPORIN AMIDASE ENZYME ANTIBIOTICS MICROBIAL GROWTH AND	FERRMENTATIONS AND PRODUCTS FORMED DENTAL CAUSITIE	312
AL EDUCATION PHILOSOPHY AND DEVELOP. OF ENV. ECO. CENTER	FERRAL CAT PREDATION F POPULATION DYNAMICS WILD	374
EFFECTS OF FERTILIZERS AND MANURE ON SOILS AND CROPS SOIL	FERTILITY AND CROP PRODUCTION RESEARCH IN LIMING	712
N AND STABILIZATION OF DUNES ON AMELIA ISLAND GRASSLAND	FERTILITY AND MANAGEMENT; COASTAL STABILIZATION;	612
AGRICULTURAL ECONOMIC DEVELOPMENT	FERTILITY AND PLANT NUTRITION LAND RECIAMATION	312
SOIL	FERTILITY EVALUATION	350
RESTRY AND WILDLIFE EFFECT OF VEGETATION CHANGES ON SOIL	FERTILITY VEGETATION GROWTH NUTRITION OF PEAC	171
D SOIL EROSION MINERAL NUTRITION AND ANIMAL HEALTH SOIL	FERTILITY SOIL CHEMISTRY AND CLAY MINERALOGY MI	642
M LOW-LEVEL AERIAL PHOTO RESPONSE OF DOUGLAS PIP TO WFA	FERTILIZATION DYNAMICS OF DOUGLASS-PIE POPULATIO	612
CAROLINA STATE FOREST FERTILIZATION COOPERATIVE FOREST	FERTILIZATION AND WRIGHT QUALITY FIRST ANNUAL RE	612
PERATIVE THIRD ANNUAL REPORT NORTH CAROLINA STATE FOREST	FERTILIZATION COOPERATIVE FOREST FERTILIZATION	612
E THIRD ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST	FERTILIZATION COOPERATIVE FOREST SOILS AND FERT	212
QUALITY FIRST ANNUAL REPORT NORTH CAROLINA STATE FOREST	FERTILIZATION COOPERATIVE SECOND ANNUAL REPORT N	612
N FIRST ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST	FERTILIZATION COOPERATIVE SECOND ANNUAL REPORT O	212
ERATIVE SECOND ANNUAL REPORT NORTH CAROLINA STATE FOREST	FERTILIZATION COOPERATIVE THIRD ANNUAL REPORT NC	612
SECOND ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST	FERTILIZATION COOPERATIVE THIRD ANNUAL REPORT OF	212
STATE FOREST FERTILIZATION COOPERATIVE FOREST SOILS AND	FERTILIZATION FIRST ANNUAL REPORT OF THE NORTH C	612
ION INCLUDING BIOCHEMICAL ASPECTS OF ABSORPTION SOLAR	FERTILIZATION ION SEM. ATRAGE CONTRIBUTION AND	612
S ESPECIALLY NUTRITION ECOLOGY AND SOIL CHANGE FOREST	FERTILIZATION RESEARCH - NE HARDWOODS PLANNING F	612
ERIES NORTHFAST VA. FISHERIES SURVEY PUBLIC FISHING LAKE	FERTILIZATION SURVEY LAKE BURKE CENSUS SURVEY	112
NSPIRANTS WATER USE BY PLANT MANAGEMENT OF SOIL WATER	FERTILIZER IN FIELD AND CONTAINER CROP PRODUCTION	112
N OF SOIL FAUNA THE MICROPADNA OF FOREST SOIL EFFECT OF	FERTILIZER ON SOIL FAUNA EFFECT OF PRESCRIBED FI	412
AND CROPS EFFECT OF LAND USE ON WATER QUALITY EFFECTS OF	FERTILIZERS AND MANURE ON SOILS AND CROPS SOIL	712
F AGRICULTURAL CHEMICALS I.F. THE USE OF PESTICIDES AND	FERTILIZERS AND THEIR EFFECT ON THE ENVIRONMENT	412
SOIL FERTILITY AND CROP PRODUCTION RESEARCH IN LIMING	FERTILIZERS SOIL FORMATION EFFECTS OF HIGH MANUR	712
N INFECTIOUS HEPATITIS AND WATER QUALITY MERCURY AND THE	FIBERS "IN UTERO" ENVIRONMENTAL BIOCHEMISTRY - P	112
IBROUS CONTAMINANTS IN AIR PLANT MORPHOLOGY AND TEXTILE	FIBER RESEARCH AND GENERAL TEXTILE RESEARCH EFPE	212
EFFECTS ON CHEMICAL/PHYSICAL PROPERTIES OF ANNUAL PLANT	FIBERS THE INFLUENCE OF THE PHYSICAL ENVIRONME	112
41 YEARS PROFESSIONAL EXPERIENCE CONSULTANT FORESTRY AND	FIBERS & LAND USE NATIONAL COMMISSION ON NATURA	112
ON STREAM POLLUTION IDENTIFICATION OF PAPER MILL WASTES	FIBROUS CONTAMINANTS IN AIR PLANT MORPHOLOGY AN	212
R USE BY PLANT MANAGEMENT OF SOIL WATER FERTILIZER IN	FIELD AND CONTAINER CROP PRODUCTION PLANT WATER	112
MINERAL EFFECTS ON BENTHOS OF HUDSON RIVER EFFECTS OF OIL	FIELD BRINE ON TEXAS ESTUARIES & THARINE ECOSYS	712
DEVELOPMENT TESTING OF INBREED LINES AND HYBRIDS OF	FIELD CORN	312
ES LARVAL FISHES ESTIMATES OF ABUNDANCE AND MORTALITY	FIELD EXPERIMENT ABUNDANCE ETC. LARVA REPERT M	212
Y & MAMMALIAN AND COMPARATIVE PHYSIOLOGY BOTH IN LAB AND	FIELD GROWTH IN THREE SPECIES OF HAWKS IMPACT OF	512
VITY ENVIRONMENTAL IMPACT ASSESSMENT ESPECIALLY IN THE	FIELD OF POWER GENERATION EFFECT OF THERMAL DITO	112
VELOPMENT ON NATURAL RESOURCES NATURAL SCIENTIST IN THE	FIELD OF WATER DEVELOPMENT PLANNING POLLUTION IN	512
AND POPULATION DYNAMICS; RESEARCH ADMINISTRATION MARINA	FIELD OFFICE MENHADEN TAGGING STUDIES SHELT STUD	112
ATION AND ECOLOGY	FIELD ORNITHOLOGY - RIFE IDENTIFI AND DISTRICT	112

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

N. WATER QUALITY CRITERIA; PLANKTON POPULATION MODELING; SGN AND MANAGEMENT OF HISTORIC HOUSE WOSEPA'S SETTING OF LANDS FILL OPERIZATION AND MANAGEMENT OF ENVIRONMENTAL EFFECTS REMAINS IN INDIAN MIDDENS AVIAN POPULATIONS IN RECOMMENDATION OF THEIR USAGE	FIELD ORNITHOLOGY TWO MATHEMATICAL MODELS OF PLANTATION HOUSE RESTORATION & MANAGEMENT STUDIES DREDGING TRAPPS RIVER CT BLASTING SUCCESSION MAMMALIAN SYSTEMATICS AND ECOLOGY TESTING OF FUNGICIDES AND INSECTICIDES AND WORK FOR RESEARCH IN RANGE ECOSYSTEMS AND FIFTY YEAR CHANGE IN A SELECTED SALT MARSH WETLAND MORTALITY AND DISPERSAL OF INSECT POPULATIONS PARASITIC DISEASE INFECTIONS PATHOLOGY OF PARASITIC PINE KNOLL SHORES BOGUE BANKS IMPACT ANALYSIS SYSTEMATICS AND ECOLOGY OF DECAPOD CRUSTACEANS ON CONSTRUCTION SITE PLANT POPULATION FILTERS FOR AEROSOLS SYNTHESIS AND APPLICATIONS WETLANDS COASTAL MANAGEMENT PEST MANAGEMENT PINGER LAKES STATE PARK KODJA LAKE NY I HAVE FINGERLING TROUT IN MONTANA ACCELERATED EUTROPHICATION POPULATION GENETICS THEORY AND MATHEMATICAL MODEL TO BREA FERTILIZATION DYNAMICS OF DOUGLAS-FIR TREE AND STAND DATA FROM LOW-LEVEL FERTILIZATION ON PLANT COMMUNITIES IN EASTERN NORTH AMERICA FIRE ON SOIL FAUNA VERTICAL MIGRATION OF SOIL PREDATORS WILDLIFE RESPONSE TO WASTEWATER IRRIGATION REPRESENT THE FULL RANGE OF SCIENCES AS THE FIRST-YEAR GROWTH ALBEMARLE LAKE ONTARIO OPERATION ESTUARINE FISH BIOLOGY AND ECOLOGY DISTRIBUTION IMMUNITY TO PARASITES SHELLFISH DISEASES VERTEBRATE BEHAVIOR AND ECOLOGY POPULATION & WILDLIFE ACID MINE DRAINAGE ABATEMENT WORK & WILDLIFE CHESAPEAKE BAY AND TRIBUTARIES ACUTE TOXICITY HEAVY METALS FISH TEMPERATURE BIOASSAY BRINE WASTES MOSQUITO CONTROL SURVEY FISHES OF CHINCOPAGUE BAY BIOLOGY OF FISHES IN BRINE WASTES EVALUATION OF EFFECT OF 46 DYES ON DIFFERENT ENVIRONMENTS FISH AND POLLUTION MECHANISMS FISH SENSORY SYSTEMS AS RELATED TO DIFFERENT ENVIRONMENTS	75 33 91 73 30 41 67 33 56 19 53 14 60 21 40 38 50 49 49 71 45 72 24 21 35 123 37 67 52 53 67 78 43 102 10 96 77 58 52 62 46 64 39 43 28 58 35 24 68 68 145 72 23 14 58 76 78 53 53 69 35 54 24 27 75 24 61 62 79 22 32 56 62 60 73 59 27 67 28 73 71 16 27
REPORTING ON THE EFFECTS OF WATER RESOURCE PROJECTS DEEMED IN FARM PONDS LAKE TROUT CHROMOSOME MORPHOLOGY INCREASE LONG-RANGE LAND USE PLANNING AND TABLES EVALUATING EFFECTS OF WATER RESOURCE PROJECTS IN STUDY IMPACT ASSESSMENT OF WATER RESOURCES PROJECTS ON ROL BY FISH AFRICA W.H.O. CONSULTANT MOSQUITO CONTROL BY GENESIS MID ATLANTIC BIGHT ENVIRONMENTAL SURVEY ELECTRIC OF EUTROPHICATION OF FISH SPECIES ARTIFICIAL SHELTER AND BIOLOGICAL WASTE TREATMENT NITRIFICATION ALGAL ASSAY N DYNAMICS TOXICITY OF SULFIDE WASTE LGAOC TO F. TROPHIC EFFECT OF OVERBOARD DISPOSAL IN UPPER CHESAPEAKE BAY EFFECTS OF THERMAL DISCHARGES ON HUDSON FISH ESTUARINE IN POPULATION ESTIMATION RAINBOW TROUT SPAWNING SUCCESS COMMUNITIES FISH SEXUALITY AND PHYLOGENY SPACE SHARING IN TIPS ECOLOGY AND EVOLUTION OF FISHES SURVEY OF PAHARIAN R FISHES FISH PRODUCTION OF MULTI-SPECIES LAKE COMMUNITY ES MOVEMENTS OF DRAKE SOCKETS, HOMING MECHANISMS LARVAL POPULATION DYNAMICS OF STUDIES ECOLOGY AND MANAGEMENT OF COMMERCIAL MOLLUSKS AND GI AL EVALUATION OF WIDENING AND DEEPENING C & C CANALS CHANGES IN FISH EXPOSED TO DDT ULTRASTRUCTURAL CHANGES IN GENESIS IN CHRONIC EXPOSURE TO DDT BEHAVIORAL CHANGES IN H CAROLINE ESTUARINE ECOLOGY ESPECIALLY IN RELATION TO ORIENTATION AND MIGRATION S OF SCHUYLKILL RIVER SCHUYLKILL RIVER ECOLOGICAL STUDY AGE AND ECOLOGY OF SPOTTED HAKE TEMPERATURE SELECTION OF ABARION OF BLUEGILL POPULATION WITH SEROLOGICAL METHODS REAL EVOLUTION IN TAMPA BAY IN FICRILIA INVESTIGATION OF A INVESTIGATION OF FISH HABITS AND REACTIONS FEEDING OF CONTROL ANADROMOUS TROUT MANAGEMENT ECOLOGY OF WARM WATER STRIP HINE PUNNOR IN FARM WATER SHED FEEDING ECOLOGY OF FISH THEMSELVES TO PROVIDE GOOD FISHING FOOD IN PONDING TO SPORT FISHERY DIGESTION IN BLACK CRABBLE PREDATOR FISHES EFFECTS OF TEMPERATURE ON LABORATORY REARED MARINE OSTES COMPARATIVE PATHOLOGY EMPHASIS ON DISEASE OF SS AND SMELT FISHERY LIFE HISTORY STUDIES OF ANADROMOUS FISHED APPLE JUICE SYSTEMATICS AND ECOLOGY OF FISHES IN R BASIN PLANNING DESIGN AND CONSTRUCTION OF ANADROMOUS HT OF FISHES TROUBLES OF UPPER KERN RIVER BASIN CALIFORNIA HT ENVIRONMENTAL SURVEY ELECTRIC FISH BARRIER EVACUATION H POPULATIONS THE RELATIONSHIP OF VARIOUS COVER TYPES TO GROWTH AND DISTRIBUTION OF BLACK DROM ANALOG SIMULATIONS IN NENT ECOLOGY OF WARM WATER FISH IN NEW YORK RESERVOIR OF SS, SAC PERCH, AND SMELT MANAGEMENT AND REPRODUCTIVE F Y BIOLOGY (COLDWATER) SHELL FISH EFFECTS OF ACCUMULATION IN E RELATIONSHIP OF VARIOUS COVER TYPES TO FISH POPULATION MAXIMIZING LOBSTER YIELDS POPULATION DYNAMICS OF MARINE DUCED LOADING OF LAKE PHOSPHORUS POPULATION DYNAMICS OF	FIELD PLANTATION HOUSE RESTORATION & MANAGEMENT STUDIES DREDGING TRAPPS RIVER CT BLASTING SUCCESSION MAMMALIAN SYSTEMATICS AND ECOLOGY TESTING OF FUNGICIDES AND INSECTICIDES AND WORK FOR RESEARCH IN RANGE ECOSYSTEMS AND FIFTY YEAR CHANGE IN A SELECTED SALT MARSH WETLAND MORTALITY AND DISPERSAL OF INSECT POPULATIONS PARASITIC DISEASE INFECTIONS PATHOLOGY OF PARASITIC PINE KNOLL SHORES BOGUE BANKS IMPACT ANALYSIS SYSTEMATICS AND ECOLOGY OF DECAPOD CRUSTACEANS ON CONSTRUCTION SITE PLANT POPULATION FILTERS FOR AEROSOLS SYNTHESIS AND APPLICATIONS WETLANDS COASTAL MANAGEMENT PEST MANAGEMENT PINGER LAKES STATE PARK KODJA LAKE NY I HAVE FINGERLING TROUT IN MONTANA ACCELERATED EUTROPHICATION POPULATION GENETICS THEORY AND MATHEMATICAL MODEL TO BREA FERTILIZATION DYNAMICS OF DOUGLAS-FIR TREE AND STAND DATA FROM LOW-LEVEL FERTILIZATION ON PLANT COMMUNITIES IN EASTERN NORTH AMERICA FIRE ON SOIL FAUNA VERTICAL MIGRATION OF SOIL PREDATORS WILDLIFE RESPONSE TO WASTEWATER IRRIGATION REPRESENT THE FULL RANGE OF SCIENCES AS THE FIRST-YEAR GROWTH ALBEMARLE LAKE ONTARIO OPERATION ESTUARINE FISH BIOLOGY AND ECOLOGY DISTRIBUTION IMMUNITY TO PARASITES SHELLFISH DISEASES VERTEBRATE BEHAVIOR AND ECOLOGY POPULATION & WILDLIFE ACID MINE DRAINAGE ABATEMENT WORK & WILDLIFE CHESAPEAKE BAY AND TRIBUTARIES ACUTE TOXICITY HEAVY METALS FISH TEMPERATURE BIOASSAY BRINE WASTES MOSQUITO CONTROL SURVEY FISHES OF CHINCOPAGUE BAY BIOLOGY OF FISHES IN BRINE WASTES EVALUATION OF EFFECT OF 46 DYES ON DIFFERENT ENVIRONMENTS FISH AND POLLUTION MECHANISMS FISH SENSORY SYSTEMS AS RELATED TO DIFFERENT ENVIRONMENTS REPORTING ON THE EFFECTS OF WATER RESOURCE PROJECTS DEEMED IN FARM PONDS LAKE TROUT CHROMOSOME MORPHOLOGY INCREASE LONG-RANGE LAND USE PLANNING AND TABLES EVALUATING EFFECTS OF WATER RESOURCE PROJECTS IN STUDY IMPACT ASSESSMENT OF WATER RESOURCES PROJECTS ON ROL BY FISH AFRICA W.H.O. 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TROPHIC EFFECT OF OVERBOARD DISPOSAL IN UPPER CHESAPEAKE BAY EFFECTS OF THERMAL DISCHARGES ON HUDSON FISH ESTUARINE IN POPULATION ESTIMATION RAINBOW TROUT SPAWNING SUCCESS COMMUNITIES FISH SEXUALITY AND PHYLOGENY SPACE SHARING IN TIPS ECOLOGY AND EVOLUTION OF FISHES SURVEY OF PAHARIAN R FISHES FISH PRODUCTION OF MULTI-SPECIES LAKE COMMUNITY ES MOVEMENTS OF DRAKE SOCKETS, HOMING MECHANISMS LARVAL POPULATION DYNAMICS OF STUDIES ECOLOGY AND MANAGEMENT OF COMMERCIAL MOLLUSKS AND GI AL EVALUATION OF WIDENING AND DEEPENING C & C CANALS CHANGES IN FISH EXPOSED TO DDT ULTRASTRUCTURAL CHANGES IN GENESIS IN CHRONIC EXPOSURE TO DDT BEHAVIORAL CHANGES IN H CAROLINE ESTUARINE ECOLOGY ESPECIALLY IN RELATION TO ORIENTATION AND MIGRATION S OF SCHUYLKILL RIVER SCHUYLKILL RIVER ECOLOGICAL STUDY AGE AND ECOLOGY OF SPOTTED HAKE TEMPERATURE SELECTION OF ABARION OF BLUEGILL POPULATION WITH SEROLOGICAL METHODS REAL EVOLUTION IN TAMPA BAY IN FICRILIA INVESTIGATION OF A INVESTIGATION OF FISH HABITS AND REACTIONS FEEDING OF CONTROL ANADROMOUS TROUT MANAGEMENT ECOLOGY OF WARM WATER STRIP HINE PUNNOR IN FARM WATER SHED FEEDING ECOLOGY OF FISH THEMSELVES TO PROVIDE GOOD FISHING FOOD IN PONDING TO SPORT FISHERY DIGESTION IN BLACK CRABBLE PREDATOR FISHES EFFECTS OF TEMPERATURE ON LABORATORY REARED MARINE OSTES COMPARATIVE PATHOLOGY EMPHASIS ON DISEASE OF SS AND SMELT FISHERY LIFE HISTORY STUDIES OF ANADROMOUS FISHED APPLE JUICE SYSTEMATICS AND ECOLOGY OF FISHES IN R BASIN PLANNING DESIGN AND CONSTRUCTION OF ANADROMOUS HT OF FISHES TROUBLES OF UPPER KERN RIVER BASIN CALIFORNIA HT ENVIRONMENTAL SURVEY ELECTRIC FISH BARRIER EVACUATION H POPULATIONS THE RELATIONSHIP OF VARIOUS COVER TYPES TO GROWTH AND DISTRIBUTION OF BLACK DROM ANALOG SIMULATIONS IN NENT ECOLOGY OF WARM WATER FISH IN NEW YORK RESERVOIR OF SS, SAC PERCH, AND SMELT MANAGEMENT AND REPRODUCTIVE F Y BIOLOGY (COLDWATER) SHELL FISH EFFECTS OF ACCUMULATION IN E RELATIONSHIP OF VARIOUS COVER TYPES TO FISH POPULATION MAXIMIZING LOBSTER YIELDS POPULATION DYNAMICS OF MARINE DUCED LOADING OF LAKE PHOSPHORUS POPULATION DYNAMICS OF	

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ENCE IN CYPRESS-GUM SWAMP EFFECTS OF CHANNELIZATION ON	FISH POPULATIONS THE RELATIONSHIP OF VARIOUS COV	713
EY OF PINE CREEK WATERSHED ECOLOGY OF FRESHWATER FISHES	FISH PRODUCTION OF MULTI-SPECIES LAKE COMMUNITY	145
NORTHWEST ATLANTIC DEVELOPMENT OF COMMERCIAL ANADROMOUS	FISH RESOURCES STREAM IMPROVEMENT AND FISHWAY CO	220
SH BIOASSAYS ACUTE & SUBLETHAL EFFECTS OF POLLUTANTS ON	FISH ROLE OF NUTRIENTS IN DIATOM POPULATION DYN	281
AND REPRODUCTION OF FISH POPULATIONS FREEZING EFFECTS ON	FISH SEMEN ATLANTIC SALMON PREETING EFFECTS ON	280
SH AND POLLUTION MERCURY IN FISH AND PLANKTON AND WATER	FISH SPONSOR SYSTEMS AS RELATED TO DIFFERENT ENV	102
POECILIGSIS BEHAVIOR ASPECTS OF POPULATION DYNAMICS IN	FISH SEXUAL BEHAVIOR AND SOCIAL STRUCTURE IN PI	473
EVOLUTION OF FISHES SURVEY OF PAHAMIAN FISH COMMUNITIES	FISH SEXUALITY AND PHYLOGENY SPACE SHARING IN PI	675
ERATE ZOOLOGY AND PARASITOLOGY ACANTHOP MEMBRANES IN TWO	FISH SPECIES MARINE INVERTE	298
ECTICUT FIVER FOOD COMPETITION BETWEEN SHAD AND RESIDENT	FISH SPECIES FOODS OF FISHES AND FEEDING COMPET	190
ON OF STEAM EUTROPHICATION EFFECTS OF EUTROPHICATION OF	FISH SPECIES ARTIFICIAL SHELTER AND FISH BEHAVIO	294
GY OF FISHES MARINE ECOLOGY & SYSTEMATICS OF FISHES	FISH STOCKS OF THE EVERGLADES NATIONAL PARK FISH	191
IES BIOLOGY BENTHOS OF NEAR SHORE WATERS OF LAKE ONTARIO	FISH STUDIES OF THE OSWEGO HARBOR AREA ZOOPLANKT	207
ER FISHES NORTHFIELD MT. FUMED STORAGE HYDRO-ELEC. RES.	FISH STUDY RESEARCH & MANAGEMENT OF WARM WAT	377
E TOXICITY HEAVY METALS FISH ACUTE TOXICITY HEAVY METALS	FISH TEMPERATURE ACUTE TOXICITY HEAVY METAL BENT	576
NING SUCCESS FISH BIOLOGY MEASURES OF ENVIRONMENT AND	FISH THEMSELVES TO PROVIDE GOOD FISHING POOD OF	246
BUS POPULATION DYNAMICS OF FISH POPULATIONS RESPONSE OF	FISH TO POLLUTION CONTROL ANADROMOUS TROUT MANAG	277
ES AND THEIR IDENTIFICATION LONG TERM RESEARCH ON LARVAL	FISH WATER CHEMISTRY THE STUDY OF FRESHWATER LA	668
E COOPERATIVE MORNING DOVE STUDY STATISTICS IN GAME AND	FISH WORK SE STATES ANALYSIS OF WATERFOWL BANDIN	318
OF MUTANT EXTRA-RENAL ELECTROLYTE AND WATER BALANCE IN	FISH REPTILES AND AMPHIBIA ANOXIA AND NA LOSS I	530
	FISH WILDLIFE AND RECREATION MANAGEMENT	321
OUNDUP DISCARDED AT SEA BY U.S. FISHERMAN DESCRIBE COMMU-	FISH PARAMETERS 5 RESERVOIRS IN OKLAHOMA EST.	535
NITY ON ANIMALS (MAINLY MOLLUSKS INSECTS CRUSTACEANS	FISH ENVIRONMENTAL SPECIALIST EFFECTS OF WATER	167
WINTER DEER YARDS ENERGETICS OF SNOWSHOE HARE DEER AND	FISHER GENERAL ECOLOGY WILDLIFE ECOLOGY ECOLO	465
MANAGEMENT DETERMINE WAYS TO IMPROVE HABITAT FOR RESERVOIR	FISHERIES FISHERIES MA	266
TIC BIOLOGY-FRESHWATER ESTUARIES OCEANS PHYTOPLANKTON	FISHERIES ANADROMOUS CLUPEID FISHERIES- SUSQUEHA	222
S MANHADEN PARASITES EFFECTS OF FLUCTUATING WATER LEVELS	FISHERIES AND AQUATIC BIOLOGY MANHADEN MIGRATION	405
STEWATER DISP. RESOURCE ECONOMICS ESPECIALLY WATER AND	FISHERIES BIOLOGICAL IMPLICATIONS ECONOMIC IMPAC	231
MICS ALEWIFE UTILIZATION OF PARKER RIVER, MASSACHUSETTS	FISHERIES BIOLOGY - BASIC STATISTICAL APPLICATIO	581
ON STUDIES IN OSWEGO HARBOR AREA BIOLOGICAL LIMNOLOGY &	FISHERIES BIOLOGY BENTHOS OF NEAR SHORE WATERS O	207
PEUDOHARENGUS POPULATION MODELING AQUATIC ECOLOGY AND	FISHERIES BIOLOGY LIFE HISTORY OF DOROSOMA BETEN	376
NCE DREDGING ST. CATHERINE SD, PCTOMOC RIVER, MD MARINE	FISHERIES BIOLOGY; AGE-GROWTH LIFE HISTORIES; E	48
ULT ATLANTIC MANHADEN BIostatistical ANALYSIS OF MARINE	FISHERIES DATA INCLUDING ECOLOGY OF ANIMALS ENVE	234
MARLE SOUND N.C. AREA LONG RANGE RESEARCH NEEDS FOR N.C.	FISHERIES ESTUARINE INVENTORY LIFE HISTORIES OF	704
.C. FISHERIES ESTUARINE INVENTORY LIFE HISTORIES OF AND	FISHERIES FOR ANADROMOUS FISHES (NOT SALMONIDS)	704
GICAL STUDY NEAR LITTLE EGG INLET MARINE AND FRESHWATER	FISHERIES IN NE UNITED STATES; COLLECTION & ANAL	457
VEP SURVEY FRESHWATER	FISHERIES MANAGEMENT-IN NORTH AMERICA CLINCH RI	26
HABITAT FOR RESERVOIR FISHERIES	FISHERIES MANAGEMENT DETERMINE WAYS TO IMPROVE H	266
S AND ESTUARINE DEPENDENT ORGANISMS	FISHERIES MANAGEMENT ESPECIALLY ESTUARINE SYSTEM	375
DEVELOPMENT LAKE NICARAGUA FISHERIES SURVEY FRESHWATER	FISHERIES MANAGEMENT INCLUDING AQUATIC WEED CONT	550
ENGINEERING ADVISOR TO TECHNICAL AND POLICY COMMITTEE FOR	FISHERIES MANAGEMENT OF THE CONNECTICUT RIVER BA	587
NSUS SURVEY AQUATIC ECOLOGY WITH EMPHASIS ON FRESHWATER	FISHERIES NORTHEAST VA. FISHERIES SURVEY PUBLIC	569
DOMESTIC AND INTERNATIONAL FISHERY MANAGEMENT AND POLICY	FISHERIES OF MIDDLE ATLANTIC RIGHT STATE-FEDERAL	472
IGHT STATE-FEDERAL FISHERY MANAGEMENT MODEL INVENTORY OF	FISHERIES OF NEW YORK AND MIDDLE ATLANTIC DOMES	472
IFIC REVIEW AND EDITING OF OCEANIC MANUSCRIPTS EFFECT ON	FISHERIES OF PASSAMAQUODDY BAY DAM INVESTIGATION	615
HEERIMACK RIVER DIVERSION EFFECTS STUDY WEWEANTIC RIVER	FISHERIES PROGRAM ESTUARINE FISHERIES; POPULATI	137
CF Y. PERCH POPULATION BIOLOGY AND COMMUNITY ECOLOGY IN	FISHERIES RESEARCH; ZOOPLANKTON-FISH INTERACTION	353
	FISHERIES SCIENCE	566
OR - WEED CONTROL AND FISHERY DEVELOPMENT LAKE NICARAGUA	FISHERIES SURVEY FRESHWATER FISHERIES MANAGEMEN	550
LOGY WITH EMPHASIS ON FRESHWATER FISHERIES NORTHEAST VA.	FISHERIES SURVEY PUBLIC FISHING LAKE FERTILIZATI	569
EWOOD LAKES NYS-DEC HEARING AQUATIC ECOLOGY ESPECIALLY	FISHERIES PLDS POLLUTION CONTROL AS ENVIRONMENT	209
EFFECTS STUDY WEWEANTIC RIVER FISHERIES PROGRAM ESTUARINE	FISHERIES; POPULATION DYNAMICS; EARLY LIFE HISTO	137
FIPS OCEANS PHYTOPLANKTON FISHERIES ANADROMOUS CLUPEID	FISHERIES- SUSQUEHANNA RIVER EUTROPHICATION OF P	522
L OBSERVATION PST. WT. FLOUNDER DISCARDED AT SEA BY D.S.	FISHERMAN DESCRIBE COMM. FISH. PARAMETERS 5 RES	235
ROVEMENT AND FISHWAY CONSTRUCTION STRIPED BASS AND SWEET	FISHERY LIFE HISTORY STUDIES OF ANADROMOUS FISH	220
APPLIED PRACTICAL RESEARCH AND MANAGEMENT IN FRESHWATER	FISHERY BIOLOGY (COLDWATER) SHORT TERM EFFECTS O	73
FISH INTRODUCTIONS IN RESERVOIRS FISHERY MANAGEMENT AND	FISHERY BIOLOGY AS PERTAINING TO SPORT FISHERY D	61
	FISHERY BIOLOGY BASS YEARCLASS STRENGTH	513
BY BUFFER TOXIN OF SPHROEFOIDS TESTUDINEUS ICHTHYOLOGY	FISHERY BIOLOGY ENVIRONMENTAL POLLUTION NEW JPP	477
AQUATIC WEED CONTROL AQUATIC ADVISOR - WEED CONTROL AND	FISHERY DEVELOPMENT LAKE NICARAGUA FISHERIES SUR	550
RY MANAGEMENT AND FISHERY BIOLOGY AS PERTAINING TO SPORT	FISHERY DIGESTION IN BLACK CRAPPIE PREFATOR FISH	61
BLACK CRAPPIE PREDATOR FISH INTRODUCTIONS IN RESERVOIRS	FISHERY MANAGEMENT AND FISHERY BIOLOGY AS PERTAI	61
NEW YORK AND MIDDLE ATLANTIC DOMESTIC AND INTERNATIONAL	FISHERY MANAGEMENT AND POLICY FISHERIES OF MIDD	472
ERCIAL CATCH PACIFIC SALMON PASSAGE FACILITY EVALUATION	FISHERY MANAGEMENT IN PONDS LAKES RESERVOIRS A	284
POLICY FISHERIES OF MIDDLE ATLANTIC RIGHT STATE-FEDERAL	FISHERY MANAGEMENT MODEL INVENTORY OF FISHERIES	472
T OYSTER CULTCH LIMNOLOGICAL STUDY OF FONTANA RESERVOIR	FISHERY MANAGEMENT ECOLOGY AND LIMNOLOGY EFFECT	441
OF FLORIDA KEYS CARBON PESTICIDE RESEARCH PROJECT SECT	FISHERY OF BISCAYNE BAY FLORIDA ENVIRONMENTAL	744
TICS OF ESTUARINE FLOUNDER POPULATION SURVEY OF SEA BASS	FISHERY POPULATION DYNAMICS OF ADULT ATLANTIC ME	234
CIALIST RESEARCH OF ZOOPLANKTON AND BENTHOS POPULATIONS	FISHERY RESEARCH (GENL) GRADUATE RESEARCH ASSIST	663
ALLSTATE FRESHWATER RESEARCH & MANAGEMENT ADMINISTERING	FISHERY RESEARCH AND MANAGEMENT PROGRAMS DIRPCT	29
BIOCHEMISTRY PEST CONTROL AQUATIC BIOLOGY DIVISION OF	FISHERY RESEARCH BRANCH CHIEF CROSS-FLORIDA BAR	749
H, BRANCH CHIEF CROSS-FLORIDA BARGE CANAL INVESTIGATION	FISHERY RESEARCH TOXICOLOGY ECOLOGY BIOCHEMIS	749
AERIAL SURVEILLANCE SPILL PREVENTION APPL. OF ERTS-1 TO	FISHERY RESOURCE MANAGEMENT PHOTOPERIODISM AND E	458
S MODELING METHODE FOR EXPLAINING VARIATION IN A FLOUNDER	FISHERY RHODE ISLAND FLOATING TRAP FISHERY TEMPE	651
N GROWTH SCHOHARIE VALLEY ECOLOGICAL STUDY	FISHERY SCIENCE EFFECT OF TEMPERATURE AND DIET O	163
NITY FISH DISTRIBUTION IN RELATION TO ACID MINE DRAINAGE	FISHERY SURVEY OF PINE CREEK WATERSHED ECOLOGY	185
VIATION IN A FLOUNDER FISHERY RHODE ISLAND FLOATING TRAP	FISHERY TEMPERATURE EFFECTS ON YIELDS OF LOBSTR	651
WAYS ICHTHY ASSOC. CONOWINGO MUDDY RUN PROJECT MASS COCP	FISHERY UNIT CONNECTICUT RIVER PROJECT LIFE HIS	226
	FISHES	290
DS IN MARINE FOOD WEBS LONG-TERM OBSERVATIONS ON BENTHIC	FISHES DISTRIBUTION AND ABUNDANCE OF COASTAL CO	366
N TO ARTIFICIAL REEFS COLONIZATION OF ARTIFICIAL REEF BY	FISHES ECOLOGY OF MARINE FISHES ESPECIALLY REE	311
INVENTORY LIFE HISTORIES OF AND FISHERIES FOR ANADROMO	FISHES (NOT SALMONIDS) ANADROMOUS FISHES OF ALBE	704
URN SHORE POPULATION BIOLOGY AND AGE GROWTH ANALYSES	FISHES AGE GROWTH AND DISTRIBUTION OF BLACK DRU	579
FTITION BETWEEN SHAD AND RESIDENT FISH SPECIES FOODS OF	FISHES AND FEEDING COMPETITION ON AN INTERSPECIF	190
EMENT ECOLOGY AND LIMNOLOGY EFFECT OF CHANNELIZATION ON	FISHES AND THEIR HABITAT OYSTER CULTCH LIMNOLOGI	441

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

VAL FISH WATER CHEMISTRY THE STUDY OF FRESHWATER LARVAL	FISHES AND THEIR IDENTIFICATION LONG TERM RESEAR	668
CS OF FISHES FISH STOCKS OF THE EVERGLADES NATIONAL PARK	FISHES ASSOC. PELAGIC SARGASSUM REVISION & COMPA	191
FOR HAMPTON ROADS SPOIL BANK ECOLOGY AND SYSTEMATICS OF	FISHES BIOLOGICAL SURVEY OF SALEM CRURCH DAM SIT	62
MICROSCOPIC ANALYSIS OF INSECTICIDES' EFFECTS IN TELEOST	FISHES CARCINOGENESIS IN CHRONIC EXPOSURE TO DDT	768
ARIO OPERATION CLEARWATER LIFE HISTORIES OF FRESH-WATER	FISHES CRANBERRY LAKE WATER QUALITY SURVEY FIRST	211
EFFECTS OF INDUSTRIAL DISCHARGES UPON BENTHOS ALGAE AND	FISHES EFFECTS OF HEATED DISCHARGE UPON AQUATIC	8
ED MARINE FISH LARVAE PHYSIOLOGY AND BEHAVIOR OF	FISHES EFFECTS OF TEMPERATURE ON LABORATORY REAR	692
BY SURVEY OF PINE CREEK WATERSHED ECOLOGY OF FRESHWATER	FISHES FISH PRODUCTION OF MULTI-SPECIES LAKE COM	145
F BIOLOGY OF TELEFISHES MARINE ECOLOGY & SYSTEMATICS OF	FISHES FISH STOCKS OF THE EVERGLADES NATIONAL PA	191
WATER SHED FEEDING ECOLOGY OF FISH IN STREAM ECOLOGY OF	FISHES IN LENTIC AND LOTIC ENVIRONMENTS DOMESTIC	750
BEHAVIOR ECOLOGY AND FOOD RELATIONSHIPS OF TROPICAL MARINE	FISHES LAKE - CONSULTANT - ONGOING EUTROPHICATIO	176
INNOLOGY WATER POLLUTION BIOLOGY CHEMISTRY BENTHIC FAUNA	FISHES LIMNOLOGY OF TWO DISSIMILAR SUBARCTIC STR	518
APP RIVER ESTUARY AQUATIC; THERMAL SEWAGE CONSTRUCTION;	FISHES MACROINVERTEBRATES AND TROPHIC LEVELS HAR	183
INF PRODUCTS MARINE AND FRESH WATER	FISHES MARINE CAREERS OCEAN SCIENCE WORKSHOP MAR	269
FES. FISH STUDY RESEARCH & MANAGEMENT OF WARM WATER	FISHES NORTHFIELD MT. PUMPED STORAGE HYDRO-ELEC.	377
FISHES SR RESEARCH BIOLOGIST AGE AND GROWTH STUDIES ON	FISHES OF A RESERVOIR; ALSO SAMPLING TECHNIQUES	322
SHERIES FOR ANADROMOUS FISHES (NOT SALMONIDS) ANADROMOUS	FISHES OF ALBEMARLE SOUND N.C. AREA LONG RANGE R	704
COTEAQUE BAY BIOLOGY OF FISHES FISH ANATOMY SURVEY	FISHES OF BALTIMORE HARBOR SURVEY FISHES OF CHIN	784
ION OF SPX BIOPSY METHOD - STRIPED BASS ADULT AND YOUNG	FISHES OF CHESAPEAKE BAY AND TRIBUTARIES ESPECI	586
S FISH ANATOMY SURVEY FISHES OF BALTIMORE HARBOR SURVEY	FISHES OF CHINCOTEAGUE BAY BIOLOGY OF FISHE	784
Y FISH FOOD AND FEEDING HABITS IN RIVERS FOOD HABITS OF	FISHES OF SCHUYLKILL RIVER SCHUYLKILL RIVER ECOL	698
DEUM ANALOG SIMULATION IN FISH POPULATION STUDIES MARINE	FISHES OF VIRGINIA'S EASTERN SHORE POPULATION B	579
ITION OF FRESHWATER ESTUARINE AND SHALLOW WATER MARINE	FISHES OLDMANS CREEK MARSH STUDY COMPARATIVE BIO	233
OGY AND POPULATION DYNAMICS OF FRESH WATER AND ESTUARINE	FISHES POPULATION DYNAMICS OF ANADROMOUS ALEWIE	734
AND ENTRAINMENT EFFECTS ON ICHTHYOPLANKTON THROUGH ADULT	FISHES RESEARCH BIOLOGIST - CONNECTICUT RIVER EC	456
ICAL POLLUTION TEMPERATURE PREFERENCES AND AVOIDANCES OF	FISHES RESPONSES OF FISHES TO ORGANIC CHEMICALS	476
APPY EAST U.S. FRESHWATER FISHES SURVEY RARE ENDANGERED	FISHES S.E. U.S. PREIMPOUNDMENT SURV. PUMP STORA	369
CATFISH ORGANIC COMPOSITION OF 22 SPECIES OF FRESHWATER	FISHES SEPARATION OF BLUEGILL POPULATION WITH SE	574
S ON FISHES OF A RESERVOIR; ALSO SAMPLING TECHNIQUES FOR	FISHES SR RESEARCH BIOLOGIST AGE AND GROWTH STU	322
CE SHARING IN FISH COMMUNITIES ECOLOGY AND EVOLUTION OF	FISHES SURVEY OF BAHAMIAN FISH COMMUNITIES FISH	658
OGY BEHAVIOR OF FISHES ZOOGEOGRAPHY EAST U.S. FRESHWATER	FISHES SURVEY RARE ENDANGERED FISHES S.E. U.S.	369
NATURE PREFERENCES AND AVOIDANCES OF FISHES RESPONSES OF	FISHES TO ORGANIC CHEMICALS BEHAVIORAL AND ECOL	476
COMPARATIVE ENDOCRINOLOGY REPRODUCTIVE ENDOCRINOLOGY OF	FISHES TROUTS OF UPPER KERN RIVER BASIN CALIFORN	624
ICHTHYOLOGY:SYSTEMATICS DISTRIBUTION ECOLOGY BEHAVIOR OF	FISHES ZOOGEOGRAPHY EAST U.S. FRESHWATER FISHES	369
ADAPTATIONS OF REPTILE BLOOD ENVIRONMENTAL PHYSIOLOGY OF	FISHES AMPHIBIANS AND REPTILES AMPHIBIANS AS P	511
IZATION OF ARTIFICIAL REEF BY FISHES ECOLOGY OF MARINE	FISHES ESPECIALLY REEF SPECIES AND THEIR ATTRAC	361
RESIDUE STUDY HERRING EGG BEDS ECOLOGY OF FISHES LARVAL	FISHES ESTIMATES OF ABUNDANCE AND MORTALITY PI	273
HARBOR SURVEY FISHES OF CHINCOTEAGUE BAY BIOLOGY OF	FISHES FISH ANATOMY SURVEY FISHES OF BALTIMORE	784
MORTALITY SUBMERSIBLE STUDY HERRING EGG BEDS ECOLOGY OF	FISHES LARVAL FISHES ESTIMATES OF ABUNDANCE AN	273
RT CASE DIET OF BLUEGILL AND LARGEMOUTH BASS ECOLOGY OF	FISHES; ECOLOGY OF MARINE AND FRESHWATER PLANKTO	289
TIOS LIFE HISTORY OF SKIPJACK TUNA LIFE HISTORY OF	FISHES; SEXUAL MATURITY; FECUNDITY; AGING SEX RA	44
. FISH. PARAMETERS, 5 RESERVOIRS IN OKLAHOMA EST. TOTAL	FISHING EFT. ON SHELF FROM AREAL OBSERVATION EST	535
MIC IMPACT OF ORGANOPHOSPHATE OSHA STANDARDS HUNTING AND	FISHING EXPENDITURE ANALYSIS ENVIRON IMPACT - TE	231
SURES OF ENVIRONMENT AND FISH THEMSELVES TO PROVIDE GOOD	FISHING FOOD OF FORAGE FISH IN TWO LARGE RESERVO	246
ESHWATER FISHERIES NORTHEAST VA. FISHERIES SURVEY PUBLIC	FISHING LAKE FERTILIZATION SURVEY LAKE BURKE CEN	569
EFFECTS OF VARIOUS STOCKING RATFS IN PONDS ON BK. TROUT	FISHING QUALITY PREDATION ON NEWLY STOCKED LANDL	73
LD OF WATER DEVELOPMENT PLANNING POLLUTION INVESTIGATION	FISHTRAP LAKE KENTUCKY IMPACTS OF DEVELOPMENT ON	509
MERCIAL ANADROMOUS FISH RESOURCES STREAM IMPROVEMENT AND	FISHWAY CONSTRUCTION STRIPED BASS AND SMELT FISH	220
ORIENTATION AND MIGRATION OF FISH	FISHWAY EVALUATION STUDY	580
ECT LIFE HISTORY OF ANADROMOUS SPECIES AND OPERATION OF	FISHWAYS ICHTHY ASSOC. CONOWINGO MUDDY RUN PROJE	226
ALANIDAE ARCTIC COPEPODA VERTICAL DISTRIBUTION COPEPODA	FJORD-LIKE BASIN DEEP-WATER CYCLOPOID COPEPODA G	170
F EGYPT TAXONOMY OF TWO-WINGED	FLIES (DIPTERA) AND MORPHOLOGY OF SAME DIPTERA O	697
KING FLIES ON CHOCERCIASIS CONTROL MICROSPORIDS ON BLACK	FLIES MALARIA CONTROL BLOODSUCK	364
ACK FLIES MALARIA CONTROL BLOODSUCKING	FLIES ON CHOCERCIASIS CONTROL MICROSPORIDS ON BL	364
INSECT PEST MANAGEMENT BITING FLIES MOSQUITOES FILTH	FLIES COASTAL MANAGEMENT PEST MANAGEMENT IN COA	23
CONTROL OF THE HOUSE FLY INSECT PEST MANAGEMENT BITING	FLIES MOSQUITOES FILTH FLIES COASTAL MANAGEME	23
NEUROPHYSIOLOGY AND ANIMAL BEHAVIOR MECHANISMS OF INSECT	FLIGHT COMPARATIVE NEUROBIOLOGY ESPECIALLY INVE	37
ES BIRDS OF ATLANTIC SEABOARD HATTERAS TO CAPE COD AVIAN	FLIGHT FORMATIONS AVIAN FLOCKING BEHAVIOR AND B	328
EXPLAINING VARIATION IN A PLOUNDER FISHERY RHODE ISLAND	FLOATING TRAP FISHERY TEMPERATURE EFFECTS ON YIE	651
ONS OF POLYMERS FOR WATER POLLUTION CONTROL SYNTHESIS OF	FLOCCULANTS AND POLYELECTROLYTES DEVELOPMENT OF	60
ROCESSING PRIMARY COAGULANTS FOR RAW WATER CLARIFICATION	FLOCCULANTS FOR INDUSTRIAL AND MUNICIPAL SEWAGE	794
CARD HATTERAS TO CAPE COD AVIAN FLIGHT FORMATIONS AVIAN	FLOODING BEHAVIOR AND BIRD ENVIRONMENTAL INVENTO	328
ESSMENT OF BRUNSWICK BEACHES ENV. ASS. OF CRABTREE CREEK	FLOOD CONTROL PROJECT ECOLOGY AND POPULATION DY	734
I PROBLEMS PROJECT DESIGN TO SOLVE PROBLEMS CUPSAW LAKE	FLOOD CONTROL PROJECT RARITAN CENTER OPENING PR	66
AN. ECOSYSTEM ANALYSIS UPPER DIVISION COLLEGE HARRISBURG	FLOOD CONTROL STUDY FAUNAL RESOURCES OF OKWARI P	130
ULING ORGANISMS IN ESTUARINES-EFFECTS OF HURRICANE AGNES	FLOOD ECOLOGY OF PELAGIC LARVAE OF MOLLUSKS IN E	16
FISHES MACROINVERTEBRATES AND TROPHIC LEVELS HARRISBURG	FLOOD PROTECTION STUDY SCHUYLKILL RIVER ECOLOGIC	183
TER STRESS IN PLANTS SALT AND WATER ABSORPTION EFFECT OF	FLOODING ON SWAMP FOREST PLANT WATER RELATIONS;	403
FE HABITAT WETLAND TREE GROWTH AS AFFECTED BY ARTIFICIAL	FLOODING WETLAND CLASSIFICATION AND EVALUATION H	262
LOGY OF WETLAND ENVIRONMENTS ECOLOGY OF THE MOHAWK RIVER	FLOODPLAINS MAMMALS OF BLUE RIDGE MOUNTAINS SHAL	118
NCE TO PLANT TAXONOMY AND PLANT ECOLOGY PAST AND PRESENT	FLORA AND VEGETATION HACKENSACK MEADOWS VEGETATI	650
ANITATIVE MODELS QUANTITATIVE ECOLOGY OF NORTH ATLANTIC	FLORA BOTTOM WATER CURRENTS IN N.Y. BIGHT MARIN	591
INFORMATION RETRIEVAL APPLIED TO FLORISTICS AND TAXONOMY	FLORA NORTH AMERICAN PROGRAM	642
BIOSYSTEMATIC STUDY OF VERONICA SERPHYLLIFOLIA VASCULAR	FLORA OF CHESHIRE CO. NEW HAMPSHIRE	72
SHES SAND DUNES SOUTHEAST FLORA LONG ISLAND FIORA THE	FLORA OF LONG ISLAND THE MARSHES OF THE COOPER R	687
CAN OAKS ALKALOID-BEARING PLANTS & THEIR ALKALOIDS	FLORA OF TAIWAN CHEMOSYSTEMATIC STUDIES OF AMERI	430
FES GEOGRAPHY OF VEGETATION SYSTEMS BOTH FORMATION AND	FLORA PATTERNS OF VEGETATION VEGETATION OF LATIN	178
SALT MARSHES SAND DUNES SOUTHEAST FLORA LONG ISLAND	FLORA THE FLORA OF LONG ISLAND THE MARSHES OF TH	667
-IV, SOUTH CAROLINA SALT MARSHES SAND DUNES SOUTHEAST	FLORA LONG ISLAND FLOPA THE FLORA OF LONG ISLAN	667
OLOGISTS NROTROPICAL ANGIOSPERM TAXONOMY; NE U.S. LOCAL	FLORA; CONN. TIDAL MARSHES STATE OF CONNECTICUT	424
ARINE BIOTA CRANEY ISLAND ENVIRONMENTAL STUDY FAUNAL AND	FLORAL CENSUS AND IMPACT RAPPANNOCK RIVER WET	459
ESTICIDE RESEARCH PROJECT SPORT FISHERY OF BISCAYNE BAY	FLORIDA ENVIRONMENTAL MARINE SCIENCE AND ITS AD	744
BAY REFUGE IN VIRGINIA THERMAL POLLUTION IN TAMPA BAY IN	FLORIDA INVESTIGATION OF FISH HABITS AND REACTI	24
ERN BIOSTRATIGRAPHY OF ATLANTIC COASTAL PLAIN ECOLOGY OF	FLORIDA RAY FORAMINIFERIDA ECOLOGY AND PALEOECO	445
BERNAL DISTRIBUTION OF COTTONTAILS IN S. ONTARIO WOODLOT	FLORIDA CREEL SURVEY PROGRAM NONLINEAR ESTIMATIO	462

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

MENTAL MARINE SCIENCE AND ITS ADMINISTRATION	ECOLOGY OF FLORIDA KEYS TARPON PESTICIDE RESEARCH PROJECT S	740
MANAGEMENT - ENVIRONMENTAL EFFECTS OF DEVELOPMENT SOUTH	FLORIDA REGIONAL AIRPORT SITE SELECTION STUDY SPEE	2
Y - GULF OF MAINE THERMAL EFFECT ON ALGAE PRODUCTIVITY -	FLORIDA STATES PRIMARY PRODUCTIVITY IN THE MARI	405
Y - GULF OF MAINE THERMAL EFFECT ON ALGAE PRODUCTIVITY -	FLORIDA STRAITS PRIMARY PRODUCTIVITY IN THE MAR	406
ATION IN NEUTOMA PUSCIPES SOCIAL ORGANIZATION IN NEUTOMA	FLORIDANS SOCIAL BEHAVIOR ORGANIZATION OF VEET	395
WLEDGE OF MARINE ALGAE ITS REPRODUCTION AND LIFE HISTORY	FLORISTIC SURVEY OF MOREHEAD CITY PORT MACON JF	519
GRAM INFORMATION RETRIEVAL APPLIED TO	FLORISTICS AND TAXONOMY FLORA NORTH AMERICAN PRO	642
SYSTEMS ECOLOGY OF MARSH VEGETATION	ECOLOGY AND FLORISTICS OF FRESHWATER MARSHES AND COASTAL ECO	94
AND K UPTAKE IN PLANTS DEVEL. FLIAR ANALYSIS PROG. FCR	FLORISTS' CROPS PLANT NUTRITION INCLUDING BIOC	516
AL FISHING EPT. ON SHELF FROM AREAL OBSERVATION PST. WI.	FLOUNDER DISCARPED AT SEA BY U.S. FISHERMAN DESC	535
ND SYSTEMS MODELING METHOD FOR EXPLAINING VARIATION IN A	FLOUNDER FISHERY RHODE ISLAND ELCAATING TRAP FISH	651
ATA INCLUDING ECOLOGY OF ANIMALS ENERGETICS OF ESTUARINE	FLOUNDER POPULATION SURVEY OF SEA BASS FISHERY P	234
Y ECOSYSTEMS PRODUCTIVITY RECYCLING OF NUTRIENTS ENERGY	FLOW THROUGH SOIL-PLANT-ATMOSPHERE CONTINUUM THE	474
LATION ENVIRONMENTAL REPORT - NUCLEAR POWER PLANT ENERGY	FLOW THROUGH UCA PUGNAX POPULATION ECOLOGICAL SU	635
N OF GEORGIA SALT MARSH ECOLOGY WITH EMPHASIS ON ENERGY	FLOW THROUGH UCA PUGNAX POPULATION ENVIRONMENTAL	635
OF OZONE ON PLANT PROTEINS AND RNA EFFECT OF ETHYLENE ON	FLOWER PIGMENTS STRESS ON PLANTS AIR POLLUTION	155
STUDIES OF CULTIVATED PLANTS	SYSTEMATICS OF FLOWERING PLANTS - WILD AND CULTIVATED TAXONOMIC	42
OSYSTEM MODELLING, DELAWARE ESTUARY	FLUCTUATING TEMPERATURE EFFECTS ON ECOSYSTEMS EC	391
EFFECTS OF SOIL NUTRIENTS ON ECOSYSTEM STRUCTURE SEASONAL	FLUCTUATION OF PHYTOPLANKTON INVESTIGATION OF S	481
S MACROBENTHOS SYNERGISMS OF RIPPLE COMMUNITIEES DIATCH	FLUCTUATIONS IN ACID MINE WATERS MACROBENTHIC S	116
IOLOGY MANHADEN MIGRATIONS MANHADEN PARASITES EFFECTS CP	FLUCTUATING WATER LEVELS FISHERIES AND AQUATIC B	405
ES CHEMICAL EFFECT OF AIRBORNE PARTICULATES ON SEAWATER	FLUX OF METALS THROUGH ENVIRONMENT - CHEMICAL EF	429
AND CONTROL OF EYE GNATS INTEGRATED CONTROL OF THE HOUSE	FLY INSECT PEST MANAGEMENT BITING FLIES MOSQU	23
WILD TURKEY RE-ESTABLISHMENT TECHNIQUES MANUAL ATLANTIC	FLYWAY COUNCIL CANADA GOOSE ESTABLISHMENT ORNIT	224
STIM. ATPASE CONTROLLET NA AND K UPTAKE IN PLANTS DEVEL.	FOLIAR ANALYSIS PROG. FOR FLORISTS' CROPS PLANT	510
NUTRITION INCLUDING BIOCHEMICAL ASPECTS OF ABSORPTION	FOLIAR FERTILIZATION ION STIM. ATPASE CONTROLLET	510
ES AND THEIR HABITAT OYSTER CULTCH LIMNOLOGICAL STUDY CP	FONTANA RESERVOIR FISHERY MANAGEMENT ECOLOGY A	441
ACTIVITY AND FOOD PRESERVATION REVERSIBLE COMPRESSION CP	FOOD PRESERVATION OF FOOD WITHOUT REFRIGERATION	79
CP SCHUYLKILL RIVER SCHUYLKILL RIVER ECOLOGICAL STUDY FISH	FOOD AND FEEDING HABITS IN RIVERS FOOD HABITS OF	699
Y OF INSECTS EFFECTS ATMOSPHERIC LEAD POLLUTION ON INSECT	FOOD CHAIN	254
LD CHAIN DYNAMICS MACROBENTHOS OF CAPE FEAR RIVER ESTUARY	FOOD CHAIN DYNAMICS STUDIES - AQUACULTURE SYSTEM	720
LD ORNITHOLOGY TWO MATHEMATICAL MODELS OF PLANKTON-ALGAE	FOOD CHAIN WATER QUALITY CRITERIA LAKE RESTORAT	75
ERATION OF NUTRIENTS ALGAE AND ZOOPLANKTON IN AQUATIC	FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON ALGAL P	558
LEVEL LOCATION OF SHAD SPAWNING SITES CONNECTICUT RIVER	FOOD COMPETITION BETWEEN SHAD AND RESIDENT FISH	190
RINE SUSPENSION-FEEDERS WATER CURRENT AND SCALLOP GROWTH	FOOD CONCENTRATION AND SCALLOP GROWTH AQUACULTU	396
ADMIN. OF RESEARCH AND OTHER PROGRAMS YEAST IN CLOSED	FOOD CYCLES	124
DLIPE HABITAT TIMBER CUTTING EFFECTS ON WILDLIFE HABITAT	FOOD HABITS OF DEER-RANGE CARRYING CAPACITY NONG	154
ECOLOGICAL STUDY FISH FOOD AND FEEDING HABITS IN RIVERS	FOOD HABITS OF FISHES OF SCHUYLKILL RIVER SCHUYL	698
E EFFECTS OF HABITAT CHANGES ON WILDLIFE POPULATIONS AND	FOOD HABITS OF UNGULATES EFFECTS OF CUTTING ON D	303
TRY OPERATIONS ON WILDLIFE WILDLIFE BIOLOGY WILD TURKEY	FOOD HABITS WILD TURKEY INTERNAL PARASITES IMPAC	125
ENVIRONMENT AND FISH THEMSELVES TO PROVIDE GOOD FISHING	FOOD CP FORAGE FISH IN TWO LARGE RESERVOIRS RESE	246
HOUT REFRIGERATION FREEZE DRYING FOOD WATER ACTIVITY AND	FOOD PRESERVATION REVERSIBLE COMPRESSION OF FOOD	79
LLING OF SEA WATER SPREADING AND MOVEMENT OF OIL SPILLS	FOOD PROCESS ENGINEERING OIL SEILL SOURCE DETECT	630
AND FOOD HABITS OF UNGULATES EFFECTS OF CUTTING ON DEER	FOOD PRODUCTION FORAGES EATEN BY DEER IN THE SOU	303
NING OF FRESH WATER/MARINE TELEOST BEHAVIOR ECOLOGY AND	FOOD RELATIONSHIPS OF TROPICAL MARINE FISHES LAK	176
PRESERVATION OF FOOD WITHOUT REFRIGERATION FREEZE DRYING	FOOD WATER ACTIVITY AND FOOD PRESERVATION REVERS	79
A STRESS SYNDROME IN THE HARD CLAM FATTY ACIDS IN MARINE	FOOD WEBS LONG-TERM OBSERVATIONS ON BENTHIC FISH	364
ERVATION REVERSIBLE COMPRESSION CP FOOD PRESERVATION CP	FOOD WITHOUT REFRIGERATION FREEZE DRYING FOOD W	75
FOOD COMPETITION BETWEEN SHAD AND RESIDENT FISH SPECIES	FOODS OF FISHES AND FEEDING COMPETITION ON AN IN	150
AL ENERGETICS WILDLIFE PHYSIOLOGY EVALUATION OF NATURAL	FOODS OF WHITE TAILED DEER INVESTIGATION OF WINT	485
IAL DIETLETS FOR ORCHARD GRASS GENETICS AND BREEDING CP	FORAGE CROPS AND OTHER SPECIES COMPLETE AND PART	492
STUDIES WITH TURFGRASSES AGRONOMY - TURFGRASS MANAGEMENT	FORAGE CROPS MANAGEMENT DROUTH COLD SHADE AND	789
MENT AND FISH THEMSELVES TO PROVIDE GOOD FISHING FOOD CP	FORAGE FISH IN TWO LARGE RESERVOIRS RESERVOIR PC	246
PLANT BREEDING PSEUDO-SELF-COMPATIBILITY OF RED CLOVER	FORAGE LEGUMES SOYBEAN BREEDING & CULTURE	429
OF UNGULATES EFFECTS OF CUTTING ON DEER FOOD PRODUCTION	FORAGES EATEN BY DEER IN THE SOUTHEAST SIMULATED	301
INTEMPERAL ECOLOGY AND PALEOECOLOGY ECOLOGY & PALEOECOLOGY	FORAMINIFERA INDIAN OCEAN FORAMINIFERA PALROENVY	355
ECOLOGY ECOLOGY & PALEOECOLOGY FORAMINIFERA INDIAN OCEAN	FORAMINIFERA PALEOENVIRONMENTAL INTERPRETATIONS C	355
ATIONS CLIMATOLOGICAL MAPPING AND PREDICTION PLANKTONIC	FORAMINIFERAL ECOLOGY AND PALEOECOLOGY ECOLOGY &	355
ENT CARBONATE SEDIMENTS PALEOLOGY OF TICHENOR LIMESTONE	FORAMINIFERAL-ALGAL COLONIES BAHAMAS SEDIMENTOLO	90
IGRAPHY OF ATLANTIC COASTAL PLAIN ECOLOGY OF FLORIDA BAY	FORAMINIFERIDA ECOLOGY AND PALEOECOLOGY OF FORA	445
FLORIDA BAY FORAMINIFERIDA ECOLOGY AND PALEOECOLOGY CP	FORAMINIFERIDA LATE PLEISTOCENE PALEOECOLOGY OF	445
EDING AGRICULTURAL PRODUCTIVITY CP SUBARCTIC ALASKA TASK	FORCE ON SPATIAL HETEROGENEITY IN AGRICULTURE P	330
CONSTRUCTION VEGETATIVE SHORLINE PROTECTION VEGETATIVE	FOREDUNE CONSTRUCTION AND SHORELINE PROTECTION S	860
CONSTRUCTION AND SHORELINE PROTECTION SAND STABILIZATION	FOREDUNE CONSTRUCTION VEGETATIVE SHORELINE PROTE	860
TO USA SEARCH FOR PARASITES OF OULEMA MELANOPUS IN DSSR	FOREIGN EXPLORATION FOR NATURAL ENEMIES OF INTRO	260
ALT MARSH SPED GERMINATION PRIMARY PRODUCTIVITY OF ASPEN	FOREST PLANT ECOLOGY AND PRIMARY PRODUCTIVITY;	144
TS SALT AND WATER ABSORPTION EFFECT OF FLOODING ON SWAMP	FOREST PLANT WATER RELATIONS; TREE PHYSIOLOGY M	403
HEMICALS IN CROPS ENVIRONMENTAL IMPACT OF PESTICIDES IN	FOREST AND AGRICULTURAL ECOSYSTEMS EVALUATION OF	786
MAN ON APPALACIAN ECOSYSTEM ECOLOGY OF DISTURBED LANDS;	FOREST AND WILDLIFE ECOLOGY POPULATION STUDIES F	662
AND IDENTIFYING FUNGI RESEARCH ASSISTANT IRR CONIFEROUS	FOREST BIOME	641
PINE KNOLL SHORES BOGUE BANKS IMPACT ANALYSIS DECIDUOUS	FOREST BIOME NATURAL SYSTEMS DREDGING SUNNY POEN	185
ATIONS STRAD FORM CLASS ESTIMATIONS ECOLOGY OF REDWOOD	FOREST ECOLOGY AND SILVICULTURE FOREST MENSURAT	782
ST PRODUCTIVITY; VEGETATION MANAGEMENT; PLANT GEOGRAPHY;	FOREST ECOLOGY PLANTS - AIR - NOISE - MICROCLIMA	186
GE FOREST FERTILIZATION RESEARCH - NE HARDWOODS PLANNING	FOREST ECOLOGY RESEARCH - INDONESIA PLANNING FOR	699
ICATION VEGETATION MAP SCUTAHETCK NY FROM AIR PHOTOS	FOREST ECOLOGY SAMPLING METHODS STATISTICAL STU	41
PLANNING - ENVIRONMENTAL MANAGEMENT NUTRIENT CYCLING IN	FOREST ECOSYSTEM LAND USE IN RELATION TO ECOLOG	374
ON DYNAMICS OF FOREST ECOSYSTEMS FOLLOWING DISTURBANCES	FOREST ECOSYSTEM DYNAMICS FOLLOWING DISTURBANCES	354
OREST AND AGRICULTURAL ECOSYSTEMS EVALUATION OF DYLOX IN	FOREST ECOSYSTEM EVALUATION OF SEVIN & OIL IN 90	784
ANALYSIS OF FOREST ECOSYSTEMS SYSTEM ANALYSIS DECIDUOUS	FOREST ECOSYSTEM FOREST TREE ROOT SYSTEMS CROWN	702
REST GROWTH NEAR COAL-BURNING POWER STATION DYNAMICS CP	FOREST ECOSYSTEMS FOLLOWING DISTURBANCES FOREST	354
D DISPERSAL OF INSECT POPULATIONS WITHIN AGRICULTURAL CR	FOREST ECOSYSTEMS INSECT DISPERSAL INTO GAMMA IP	324
INSECT RESEARCH US FOREST SERVICE IMPACTS OF INSECTS ON	FOREST ECOSYSTEMS POPULATION DYNAMICS OF FOREST	709
MS CROWN STPM RELATIONSHIPS IN FOREST TREES ANALYSIS CP	FOREST ECOSYSTEMS SYSTEM ANALYSIS DECIDUOUS FORE	702
GENS PATHOLOGY OF WOODY PLANTS IN URBAN SUBURBAN AND	FOREST ECOSYSTEMS URBAN METAL POLLUTION OF PLANT	644
T NORTH CAROLINA STATE FOREST FERTILIZATION COEFFAPTIVE	FOREST FERTILIZATION AND WEIGHT QUALITY FIRST AN	608

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE TITLE

ION COOPERATIVE THIRD ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE FOREST FERTILI	608
PERATIVE THIRD ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE FOREST SOILS A	293
LIZATION FIRST ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE SECOND ANNUAL R	293
WEIGHT QUALITY FIRST ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE SECOND ANNUAL R	608
ERATIVE SECOND ANNUAL REPORT OF THE NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE THIRD ANNUAL R	293
CN COOPERATIVE SECOND ANNUAL REPORT NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE THIRD ANNUAL R	608
TONSHIPS ESPECIALLY NUTRITION ECOLOGY AND SOIL CHANGE FOREST FERTILIZATION RESEARCH - NE HARDWOODS PLA	649
LOWING DISTURBANCES RECLAMATION OF DEEP MINE COAL WASTES FOREST GROWTH NEAR COAL-PUMPING POWER STATION D	354
S IN CATTLE POL. INFL. HEALTH REPROD. WILDLIFE IN S.E. FOREST HABITATS CONTROL REPROD. DOMESTIC ANIMALS	614
	228
GY AND MANAGEMENT OF DESTRUCTIVE FOREST INSECTS CHIEF OF FOREST INSECT RESEARCH US FOREST SERVICE IMPACTS	759
S OF INSECTS ON FOREST ECOSYSTEMS POPULATION DYNAMICS OF FOREST INSECTS POPULATION ECOLOGY AND MANAGEMEN	759
NSECTS POPULATION ECOLOGY AND MANAGEMENT OF DESTRUCTIVE FOREST INSECTS CHIEF OF FOREST INSECT RESEARCH O	759
ECOLOGY OF INSECT POPULATIONS (ESPECIALLY OF FOREST INSECTS)	58
TTS OF DEER-RANGE CARRYING CAPACITY NONGAME WILDLIFE AND FOREST MANAGEMENT SYSTEMS EFFECTS OF PHVIRONMEN	150
ONS ECOLOGY OF REDWOOD FOREST ECOLOGY AND SILVICULTURE FOREST MEASUREMENT TECHNICAL REPORT WRITING THE	782
SNOWMELT IN HARDWOOD FORESTS WIND PROFILES OVER FORESTS FOREST METEOROLOGY ESPECIALLY EVAPOTRANSPIRATIO	214
D BIG GAME ANIMALS GROSS CHANGES OF THE BLACK HILLS PINE FOREST MOVEMENTS OF PHEASANTS IN SOUTH DAKOTA F	568
ENMENTAL STRESSES ON PLANT GROWTH AND ECOSYSTEM BEHAVIOR FOREST PRODUCTION GROWTH OF DESERT SHRUBS EPPEC	703
INTEGRATED METHODS PEST CONTROL & VEGETATIVE MANAGEMENT FOREST PRODUCTIVITY; VEGETATION MANAGEMENT; PLAN	186
OF WOOD INHABITING INSECTS ECOLOGY OF FOREST TREE AND FOREST PRODUCTS INSECTS PHEROMONE PRODUCTION BY	647
RATE FORESTS BIRDS AND CATAPILLARS IN NORTHERN HARDWOODS FOREST RADIATION SENSITIVITY OF BIRDS COMMUNITY	706
RS WATERSHPD NUTRIENT BUDGETS - CENTRAL ROCKY MOUNTAINS FOREST RESOURCES SCIENCES AND ENVIRONMENTAL MANA	571
CTIVE FOREST INSECTS CHIEF OF FOREST INSECT RESEARCH US FOREST SERVICE IMPACTS OF INSECTS ON FOREST ECOS	759
MINISTRATION OF FORESTRY PROGRAMS; 10 YEARS CHIEF OF U.S. FOREST SERVICE; 10 YEAR ASSISTANT CHIEF; 41 YEAR	135
ED LANDS; FOREST AND WILDLIFE ECOLOGY POPULATION STUDIES FOREST SMALL MAMMALS IMPACT OF MAN ON APPALACIAN	662
AUNA VERTICAL MIGRATION OF SOIL FAUNA THE MICROFAUNA OF FOREST SOIL EFFECT OF FERTILIZER ON SOIL FAUNA E	410
OAK STANDS PATTERNS OF SOIL MOISTURE DEPLETION IN OAKS FOREST SOIL WATER RELATIONS REGENERATION FOLLOI	50
RESEARCH IN NORTHERN HARDWOODS RESEARCH ADMINISTRATIVE FOREST SOIL-SITE RELATIONS TREE PHYSIOLOGY RES	560
SOIL-SITE RELATIONS TREE PHYSIOLOGY RESEARCH MANAGEMENT FOREST SOIL-SITE RESEARCH IN NORTHERN HARDWOODS	560
E NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE FOREST SOILS AND FERTILIZATION FIRST ANNUAL REPO	293
BS PLANNING FOREST ECOLOGY RESEARCH - INDONESIA PLANNING FOREST SOILS RESEARCH SOIL-FOREST RELATIONSHIPS	699
POPULATION GENETICS THEORY AND MATHEMATICAL ECOLOGY OF FOREST SPECIES AGE STRUCTURE IN UNSTABLE ENVIRON	506
CERTAIN PLANTS A PRELIMINARY STUDY OF EFFECTS OF CERTAIN FOREST SPECIES LEAF MATERIAL ON GERMINATION AND	533
STANDS ANNUAL CANKER OF MARLE APPLICATION OF ECOLOGY TO FOREST STAND CULTURE SOIL-SITE EVALUATION FOR HA	754
6 EMPLOYEE - WISCONSIN SCIENTIFIC AREA COUNCIL SURVEY. FOREST STRUCTURE & DYNAMICS ROCKY MOUNTAINS CO	542
OAKS AND MAPS U.S. AND LATIN AMERICA TREE IDENTIFICATION FOREST SURVEY NE NICARAGUA PROFESSIONAL TREE IDE	438
IDENTIFICATION TORRALBA COSTA RICA TREE IDENTIFICATION FOREST SURVEY NW ECUADOR TREE IDENTIFICATION PR	448
E DYOLOGY IN FOREST ECOSYSTEM EVALUATION OF SEVIN 4 OIL IN FOREST SYSTEM ANALYSIS OF AGRICULTURAL CHEMICALS	786
ST ECOSYSTEMS SYSTEM ANALYSIS DECIDUOUS FOREST ECOSYSTEM FOREST TREE ROOT SYSTEMS CROWN STEM RELATIONSHIP	702
TEM FOREST TREE ROOT SYSTEMS CROWN STEM RELATIONSHIPS IN FOREST TREES ANALYSIS OF FOREST ECOSYSTEMS SYST	702
ON EARLY OLD-FIELD SUCCESSION VERNAL CAMBIAL ACTIVITY IN FOREST TREES ANALYSIS OF PHYTOTOXIC EFFECTS OF	114
SEMENT, BODDEGA BAY, CA. MARINE BOTANY ECOLOGY FOREST VEGETATION MAP SUCCESSION OF ALGAE IN A T	705
EMENT DEMONSTRATION AREAS STREAM DREDGING COORDINATION FOREST WILDLIFE MANAGEMENT - INVENTORY HABITAT	626
IC MGT. OF FRESHWATER WETLANDS SOCIAL BEHAVIOR IN BEAVER FOREST WILDLIFE MGT. FRESHWATER WETLAND ECOLOGY	416
FORESTRY ECOLOGY OF WOOD INHABITING INSECTS ECOLOGY OF FOREST TREE AND FOREST PRODUCTS INSECTS PHEROM	647
SUMPTIVE WILDLIFE HABITAT FACTORS DETERMINING DENSITY OF FORESTBIRD EFFECTS OF CLEARCUTTING ON BIRD POPUL	341
Y; AQUATIC ECOLOGY NUTRIENT - HYDROLOGIC INTERACTIONS IN FORESTED WATERSHEDS NUTRIENT BUDGETS FOR CAYOSA	432
STANT CHIEF; 41 YEARS PROFESSIONAL EXPERIENCE CONSULTANT FORESTRY AND FIBERS & LAND USE NATIONAL COMMISSI	135
TEMPERATURE FORESTS BOGS ARCTIC) ECOLOGICAL SURVEY FOR FORESTRY AND WILDLIFE EFFECT OF VEGETATION CHANG	171
TERS & LAND USE NATIONAL COMMISSION ON MATERIALS POLICY FORESTRY CONSULTANT ADMINISTRATION OF FORESTRY	135
EUROPEAN ELM BEETLE EVALUATION OF PESTICIDE RESIDUES IN FORESTRY ECOLOGY OF WOOD INHABITING INSECTS ECO	647
KEY FOOD HABITS WILD TURKEY INTERNAL PARASITES IMPACT OF FORESTRY OPERATIONS ON WILDLIFE WILDLIFE BIOLOG	125
MATERIALS POLICY FORESTRY CONSULTANT ADMINISTRATION OF FORESTRY PROGRAMS; 10 YEARS CHIEF OF U.S. FOREST	135
AMMALS OF BLUE RIDGE MOUNTAINS SMALL MAMMALS OF PIEDMONT FORESTS ECOLOGICAL RELATIONSHIPS OF VERTEBRATE	118
OD TREES SNOWMELT IN HARDWOOD FORESTS WIND PROFILES OVER FORESTS FOREST METEOROLOGY ESPECIALLY EVAPOTRA	214
TION DYNAMICS OF SMALL MAMMALS STRUCTURE AND FUNCTION - FORESTS AND SMALL MAMMAL POPULATIONS FORESTS OF	251
COMMUNITY ECOLOGY OF TERRESTRIAL VERTEBRATES IN TEMPERATE FORESTS BIRDS AND CATAPILLARS IN NORTHERN HARDWO	706
N AND METHODS PLANT ECOLOGISTS SALT MARSHES DECIDUOUS FORESTS DELAWARE ESTUARY PROJECT - MARSHES POPUL	264
ON BIOLOGY AND ECOLOGICAL ENERGETICS OF SMALL MAMMALS IN FORESTS EFFECT OF MAST PRODUCTION ON CHIPMUNK PO	276
IC SILICA IN PLANTS- ECOLOGICAL SIGNIFICANCE DYNAMICS OF FORESTS IN CENTRAL ILLINOIS PLANT COMMUNITY DYN	250
CHIPMUNK POPULATIONS MAST PRODUCTION IN NW PENNSYLVANIA FORESTS INGESTION RATES OF CHIPMUNK POPULATIONS	276
TS OF GLACIER NATIONAL PARK EASTERN HEMLOCK IN DECIDUOUS FORESTS MANAGEMENT IMPACTS UPON CONNECTICUT RIVE	392
L MODELS - SIMULATION PLANT ECOLOGY/MANAGEMENT MODEL OF FORESTS OF GLACIER NATIONAL PARK EASTERN HEMLOCK	392
TURE AND FUNCTION - FORESTS AND SMALL MAMMAL POPULATIONS FORESTS OF PRINCE EDWARD CO. VIRGINIA POPULATIO	251
RANCE OF TRANSPIRATION CONTROL BY STOMATA INFLUENCE OF FORESTS ON ENVIRONMENT MICROCLIMATE AND WATER	421
MELT WATER STRESS IN HARDWOOD TREES SNOWMELT IN HARDWOOD FORESTS WIND PROFILES OVER FORESTS FOREST METEO	214
D MAPPING EFFECT OF ENVIRONMENTAL FACTORS (TEMPERATURE FORESTS BOGS ARCTIC) ECOLOGICAL SURVEY FOR FOR	171
TING THE TARIFF SYSTEM OF TREE-VOIGHE ESTIMATIONS GERRARD FORM CLASS ESTIMATIONS ECOLOGY OF REDWOOD FORES	782
ENVIRONMENTAL EFFECTS ON GROWTH AND FOREM IN MARINE INVERTEBRATES	709
EVELOPMENT REFINEMENT APPLICATION OF INTERMEDIA ANALYSIS FORMAT REG. ECON. AND ECOLOGICAL PLAN SYSTEM ME	266
S OF ATLANTIC SEABOARD HATTERAS TO CAPP COD AVIAN FLIGHT FORMATIONS AVIAN FLOCKING BEHAVIOR AND BIRD ENV	328
BIOTICS MICROBIAL GROWTH AND FERMENTATIONS AND PRODUCTS FORMED DENTAL CAVITIES AND PERIODONTAL DISEASES	753
TRAINING MODULES DEVELOPMENT PROTOZOLOGY - PATHOGENIC FORMS AND THEIR VECTORS - MICROBULOPOLLUTION OF	485
OGRAPHY OF THE OUTER BANKS NORTH CAROLINA THE ISOLATED FORMS OF RACCOONS ECOLOGY AND SYSTEMATICS OF CO	418
TION AND LIFE HISTORY FLORISTIC SURVEY OF MOREHEAD CITY PORT MASON JETTYS NORTH CAROLINA TAXONOMIC AND	519
NUCLEAR PLANT, N.H. COAST BIOLOGY OF MARINE LARVAE AND FOULING AND BORING ORGANISMS LARVAL BIOLOGY OF B	162
ONOMY AND MORPHOLOGY OF BRYOZOA COLONY GROWTH OF COMMON FOULING BRYOZOAN BRYOZOA OF NEW ENGLAND BRYOZOA	34
FOULING AND BORING ORGANISMS LARVAL BIOLOGY OF BORING AND FOULING BRYOZOAN BRYOZOA OF NEW ENGLAND BRYOZOA	162
FOULING AND BORING ORGANISMS LARVAL BIOLOGY OF BORING AND FOULING MOLLUSKS CYPHATOGAPIC STUDIES OF FOUL	162
DISEASES AND PARASITES OF SHELLFISH DISEASES OF OYSTERS FOULING ORGANISMS IN ESTUARINES-EFFECTS OF HURRI	16
LAND MANAGEMENT FOR UPLAND GAME WATER FOWL AND WHITE-TAILED DEER	725
OF NUCLEAR FACILITY ECOLOGY AND BEHAVIOR OF RED AND GRAY FOXES WILDLIFE ECOLOGY ESPECIALLY ANIMAL BEHAVI	225
ATION OF HEALTH EFFECTS DETERMINATION OF EMISSIONS FROM FRAMINGHAM PLANT DETERMINATION OF HEALTH AND SAF	31
N EVOLUTION TAXONOMY ZOOGEOGRAPHY BIOSURVEY OF THE SAN FRANCISCO VALLEY N.M. WESTERN N.M. POWERLINE RO	345

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

CYCLE ON CORAL REEFS CONTROL OF CHESAPEAKE BAY JELLYFISH	FREE AMINO ACIDS AND MARINE INVERTEBRATES	760
ECOLOGICAL AND MANAGEMENT OF	FREE LIVING UNICELLULARS	149
LOPOD COPEPODA GULF, ALASKA SYSTEMATICS AND ECOLOGY OF	FREE-LIVING MARINE COPEPODA REVIEW OF SPINOCAIAN	170
CESSIONAL SPECIES PROPOSED ALIGNMENT I-78 PA. SOUTH LEG	FREEWAY NORTHWEST EXPRESSWAY ALIGNMENT ENVIRONM	746
SION OF FOOD PRESERVATION OF FOOD WITHOUT REFRIGERATION	FREEZE DRYING FOOD WATER ACTIVITY AND FOOD PRES	78
D SHELT MANAGEMENT AND REPRODUCTION OF FISH POPULATIONS	FREEZING EFFECTS ON FISH SEMEN ATLANTIC SALMON	280
ULATIONS FREEZING EFFECTS ON FISH SEMEN ATLANTIC SALMON	FREEZING EFFECTS ON WALLEYF SEMEN INTRODUCTION S	280
F LAKE SEDIMENTS BIOLOGICAL & CHEMICAL INTERACTIONS IN	FRESH ESTUARINE & COASTAL WATERS PLANKTON ECOLOG	812
OF SUSQUEHANNA RIVER POPULATIONS ECOLOGY SYSTEMATICS OF	FRESH WATER ALGAE FRESH WATER ALGAE IN NORTH CAR	627
ER POPULATIONS ECOLOGY SYSTEMATICS OF FRESH WATER ALGAE	FRESH WATER ALGAE IN NORTH CAROLINA PHYTOPLANKTO	627
S DINOFLAGELLATE LUMINESCENCE ANALYSIS OF PRODUCTIVITY	FRESH WATER ALSO REMOTE SENSING SHALLOW MARINE A	390
LOAD CONTROL PROJECT ECOLOGY AND POPULATION DYNAMICS OF	FRESH WATER AND ESTUARINE FISHES POPULATION DYN	734
ROW SURVEY AQUATIC INVERTEBRATE EMERAS RIVER ILLINOIS	FRESH WATER AND ESTUARINE INVERTEBRATES THERMAL	339
TOXICITY HEAVY METAL BENTHIC HEAVY METAL TOXICITY TOWARD	FRESH WATER AQUATIC COMMUNITIES ACUTE TOXICITY H	576
WORKSHOP MARINE PRODUCTS	FRESH WATER FISHES MARINE CAREERS OCEAN SCIENCE	269
MANAGEMENT WATERFOWL AND ASSOC. IN BRACKISH AND	FRESH WATER HABITATS FOR PEOPLE	136
LAKE, BIOLOGICAL NUTRITIONAL REQUIREMENTS OF MARINE AND	FRESH WATER PHYTOPLANKTON AND THEIR ECOLOGY SURV	196
ALSO REMOTE SENSING SHALLOW MARINE AUTOMATED ANALYSIS OF	FRESH WATER PRODUCTIVITY REMOTE SENSING SHALLOW	390
THE HISTORY OF LEPOMIS MACROCHIRUS CONTROLLED SPANNING OF	FRESH WATER/MARINE TELEOST BEHAVIOR ECOLOGY AND	176
. ASSESSMENT PLANKTON ECOLOGY AND ENVIRONMENTAL STRESS	FRESH-WATER AND MARINE OCEAN COUNTY REG. SEW. AU	467
TYPE LAKE ONTARIO OPERATION CLEARWATER TYPE HISTORIES OF	FRESH-WATER FISHES CRANBERRY LAKE WATER QUALITY	211
IDENTIFICATION OF FRESH-WATER MOLLUSKS IDENTIFICATION OF	FRESH-WATER MOLLUSKS ECOLOGY TAXONOMY AND SYS	244
ISSUES (MOLLUSCA: BIVALVIA: UNIONACEA) IDENTIFICATION OF	FRESH-WATER MOLLUSKS IDENTIFICATION OF FRESH-WAT	244
SHWATER PHYTOPLANKTON NIH TRAINEE - METABOLISM OF DETRIT	FRESHWATER ALGAE UPTAKE AND METABOLISM OF DDT &	578
D FISH BEHAVIOR EFFECTS OF ARTIFICIAL EUTROPHICATION ON	FRESHWATER COMMUNITIES AN ECOLOGICAL EVALUATION	294
D EUTROPHICATION IN A SOUTH DAKOTA LAB. HAVE EMPHASIZED	FRESHWATER ECOLOGY IN MANY ASPECTS INCLUDING CHE	365
G OF CENTRIFUGED APPLE JUICE SYSTEMATICS AND ECOLOGY OF	FRESHWATER FISH PARASITES AND THEIR HOSTS BACTER	325
ARINE ECOLOGICAL STUDY NEAR LITTLE EGG INLET MARINE AND	FRESHWATER FISHERIES IN THE UNITED STATES; COLLEC	457
A CLINCH RIVER SURVEY	FRESHWATER FISHERIES MANAGEMENT- IN NORTH AMERIC	26
AND FISHERY DEVELOPMENT LAKE NICARAGUA FISHERIES SURVEY	FRESHWATER FISHERIES MANAGEMENT INCLUDING AQUATI	550
KE BURKE CENSUS SURVEY AQUATIC ECOLOGY WITH EMPHASIS ON	FRESHWATER FISHERIES NORTHEAST VA. FISHERIES SUR	569
ED SALMON APPLIED PRACTICAL RESEARCH AND MANAGEMENT IN	FRESHWATER FISHERY BIOLOGY (COLDWATER) SHORT TR	73
THE	FRESHWATER FISHERY BIOLOGY BASS YEARCLASS STRENG	513
IMAGE FISHERY SURVEY OF PINE CREEK WATERSHED ECOLOGY OF	FRESHWATER FISHES FISH PRODUCTION OF MULTI-SPECI	145
IN CHANNEL CATFISH ORGANIC COMPOSITION OF 22 SPECIES OF	FRESHWATER FISHES SEPARATION OF BLUEGILL POPULAT	574
BUTION ECOLOGY BEHAVIOR OF FISHES ZOOGEOGRAPHY EAST U.S.	FRESHWATER FISHES SURVEY RARE ENDANGERED FISHES	369
(TC.) ECOLOGY AND PHYSIOLOGY TESTING MODELS FOR ANTARCTIC	FRESHWATER LAKES ENVIRONMENTAL IMPACT STUDY; ALG	532
EM RESEARCH ON LARVAL FISH WATER CHEMISTRY THE STUDY OF	FRESHWATER LARVAL FISHES AND THEIR IDENTIFICATIO	668
Y OF MARSH VEGETATION	FRESHWATER MARSHES AND COASTAL ECOSYSTEMS ECOLOG	94
ACT STUDY: ALGAL AND BACTERIAL ECOLOGY INVESTIGATIONS OF	FRESHWATER MICROLAYER BIOLOGY AND CHEMISTRY MIC	532
SH-WATER MOLLUSKS ECOLOGY TAXONOMY AND SYSTEMATICS OF	FRESHWATER MUSSELS (MOLLUSCA: BIVALVIA: UNIONACE	244
INTERACTIONS OF ENVIRONMENTAL POLLUTANTS WITH MARINE AND	FRESHWATER PHYTOPLANKTON NIH TRAINEE - METABOLIS	578
ARGEMOUTH PASS ECOLOGY OF FISHES; ECOLOGY OF MARINE AND	FRESHWATER PLANKTON DOMESTIC-INDUSTRIAL POLLUTI	289
HPY RESEARCH AND MANAGEMENT PROGRAMS DIRECTING ALLSTATE	FRESHWATER RESEARCH & MANAGEMENT ADMINISTERING	29
F LAKE ONONDAGA, NEW YORK BIOGEOCHEMISTRY OF MARINE AND	FRESHWATER SEDIMENTS REGIONAL LIMNOLOGY OF MINNE	182
ACT OF ROWLENSBURG DAM ON CHEAT RIVER POPULATION STUDY OF	FRESHWATER SNAIL VIVIPARUS GEORGIANUS SILICA CY	673
AND EVALUATION HIGHWAY IMPACT ON WETLANDS AND WILDLIFE	FRESHWATER WETLAND CLASSIFICATION AND EVALUATION	262
WETLANDS SOCIAL BEHAVIOR IN BEAVER FOREST WILDLIFE MGT.	FRESHWATER WETLAND ECOLOGY AND MANAGEMENT MODEL	416
WETLAND ECOLOGY AND MANAGEMENT MODEL FOR PUBLIC MGT. OF	FRESHWATER WETLANDS SOCIAL BEHAVIOR IN BEAVER FO	416
LOWER POTOMAC RIVER ECOLOGY BEHAVIOR AND EVOLUTION OF	FRESHWATER ESTUARINE AND SHALLOW WATER MARINE	233
CF FISH AMPHIBIANS COMPARATIVE ECOLOGY OF SYMPATRIC CRICKET	FROGS NEW TURTLE POP WEST VIRGINIA COMPARATIVE H	47
GY HOLOTHURIANS (COLD WATER-DOREAL) ECOLOGY OF LULUMARIA	FRONDOSA INTRASPECIFIC VARIATION IN FUCUS VESICU	380
RD POPULATION STUDIES; CO-AUTHOR OF BIRDS OF THE NIAGARA	FRONTIER REGION WESTERN NY POSSIBLE JET POPULATI	489
LAKE REFUGES OR BIRD SANCTUARIES ORNITHOLOGY IN NIAGARA	FRONTIER REGIONAL BIRD POPULATION STUDIES; CO-AU	489
ISAPES OF STRAWBERRY & THEIR CONTROL DISEASES OF SMALL	FRUIT CROPS; PHYTOPTHORA & BOTRYTIS PHYSIOLOGY	446
ANISMS LARVAL FISH ECOLOGY ECOLOGY OF LIMNETIC BLUEGILL	FRY IMPACT OF DYOX ON AQUATIC VERTEBRATES MOVEM	772
TIME RESEARCH SINCE 1965 - REPRODUCTIVE BIOLOGY PITUITARY	FUSN PHYSIOLOGY EFFECTS OF ENVIRONMENTAL POLLUTI	108
ECOLOGY OF LULUMARIA FRONDOSA INTRASPECIFIC VARIATION IN	FUCUS VESICULOSUS SHALLOW MARINE PCHINODERM BIO	380
ROT. RESOURCE RECYCLING CONVERSION OF WASTE TO	FUPL GAS ENVIRONMENTAL IMPACT STATEMENT DVC LIG.	27
ENVIRONMENTAL IMPACT STATEMENT ON HYDROELECTRIC PROJECT	FUEL ENERGY AIR AND WATER POLLUTION CONTROL SO	372
ECOLOGICAL PLAN SYSTEM MEMBERS OF MY FIRM REPRESENT THE	FULL RANGE OF SCIENCES AS THEY BEAR UPON THE ENV	268
ENVIRONMENTAL POLLUTION UPON AVIAN AND MAMMALIAN REPRODUCTI	FULL TIME RESEARCH SINCE 1965 - REPRODUCTIVE BIO	108
ON ON MENTAL FUNCTION EFFECT OF LEAD INGESTION ON MENTAL	FUNCTION BIOMEDICAL RESEARCH NEUROBIOLOGY NEURO	241
INTIA POPULATION DYNAMICS OF SMALL MAMMALS STRUCTURE AND	FUNCTION - FORESTS AND SMALL MAMMAL POPULATIONS	251
CH NEUROBIOLOGY NEUROCHEM. EFFECT OF RADIATION ON MENTAL	FUNCTION EFFECT OF LEAD INGESTION ON MENTAL FUNC	241
OF SOIL SCIENCE WITH RESPECT TO ECOSYSTEM STRUCTURE AND	FUNCTION EFFECTS OF SOIL NUTRIENTS ON ECOSYSTEM	461
P DESERT MAMMALS SPECIAL EMPHASIS: KIDNEY STRUCTURE AND	FUNCTION RENAL MORPHOLOGY IN DESERT MAMMALS REN	343
R QUALITY ON ESTUARINE ONE DEGREE PRODUCTION STRUCTURE	FUNCTION AND PRODUCTIVITY OF BENTHIC INFAUNA AN	300
UMENT OF BIRDS AVIAN ANATOMY/INTEGUMENT DESCRIPTIVE AND	FUNCTIONAL AVIAN ANATOMY PARTICULARLY FEATHER S	696
AYER BIOLOGY AND CHEMISTRY MICROBIAL (ALGAL BACTERIAL	FUNGAL ETC.) ECOLOGY AND PHYSIOLOGY TESTING MOD	532
ANTARCTIC ECOSYSTEMS PARASITIC AND SAPROPHYTIC ANTARCTIC	FUNGI ECOLOGY AND TAXONOMY AQUATIC FUNGI MODEL	536
ECOLOGY OF AQUATIC	FUNGI ACTIVITY OF WATER HOLDS IN A LAKE	134
- WATER-SWEETNER SYSTEMS ENVIRONMENTAL - NON-TOXIC	FUNGI AND MILDLY RESISTANT - WATER BASED BOXES	479
ASSIVE PROTOZOA AND FUNGI CELL BIOLOGY OF MARINE COCCOID	FUNGI CELL BIOLOGY OF HAPLOSPORIDIA ULTRASTRUC	544
MUSCLE CONTRACTION CELL BIOLOGY OF MASSIVE PROTOZOA AND	FUNGI CELL BIOLOGY OF MARINE COCCOID FUNGI CELL	544
APROPHYTIC ANTARCTIC FUNGI ECOLOGY AND TAXONOMY AQUATIC	FUNGI MODELING OF ANTARCTIC ECOSYSTEMS PARASIT	536
IONE	FUNGI RESEARCH ASSISTANT IBP CONIFEROUS FOREST E	641
OF CONTROLLING PLANT DISEASES WRITING BOOK-"CHEMISTRY OF	FUNGICIDAL ACTION" BIOLOGY OF HELMINTHOSPORIUM M	442
F THEIR USAGE	FUNGICIDES AND INSECTICIDES AND RECOMMENDATION O	30
VESTIGATION OF HERRING RESOURCES IN NEW ENGLAND STUDY OF	FUNGUS DISEASE OF HERRING SCIENTIFIC REVIEW AND	615
LOGY OF AQUATIC MICROORGANISMS COPPER TOLERANCE IN ALGAE	FUNGUS INHIBITION BY WOOD EXTRACTS FUNGUS INVASI	584
FR TOLERANCE IN ALGAE FUNGUS INHIBITION BY WOOD EXTRACTS	FUNGUS INVASION OF WOOD CULTURE DISTRIBUTION AN	584
; SOIL-PLANT RELATIONSHIPS; ENVIRONMENTAL IMPACT STUDIES	FURNAS/WORLD BANK PARAGUAY/BRAZIL JOINT PARANA C	265
VIOFAL ECOLOGY OF MAMMALS SOCIAL ORGANIZATION IN NEOTOMA	FUSCIPES SOCIAL ORGANIZATION IN NEOTOMA FLORIDAN	395
ECOLOGY OF COOPERATIVE MOURNING DOVE STUDY STATISTICS IN	GAME AND FISH WORK SE STATES ANALYSIS OF WATERFO	318

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ECTS OF STRIP MINES ON WILDLIFE	MANAGEMENT OF UPLAND	GAME ANIMALS	EFFECTS OF HIGHWAYS ON WILDLIFE	EFF	482
OF PHEASANTS IN SOUTH DAKOTA	ECOLOGY OF UPLAND AND	GAME ANIMALS	GROSS CHANGES OF THE BLACK HILLS	PI	568
WITH EMPHASIS ON SMALL GAME SPECIES	EVALUATION OF EXOTIC	GAME BIRD	PROGRAM PHEASANT LIVE TRAPPING	STUDY Q	718
AVIAN VULNERABILITY TO AIRCRAFT MOVEMENTS		GAME HABITAT	DEMONSTRATION AREA		736
ECTS OF PARASITES ON SHARPTAILED GROUSE	PARASITES OF BIG	GAME IN SOUTH DAKOTA	ANIMAL ECOLOGY AND	MANAGEMENT	67
WILDLIFE ECOLOGY AND WILDLIFE	MANAGEMENT UPLAND AND	GAME INFLUENCE	OF DEER ON VEGETATION BREEDING	BE	618
NT OF WILDLIFE ON 3000 ACRE FARM	ECOLOGICAL STUDIES	FARM	GAME INSECT REACTORS OF DISEASE	IMPORTANT TO MIL	433
URCE PLANNING; HABITAT MANAGEMENT	FOR GAMEBIRDS AND FARM	GAME PLAINFIELD	TOWNSHIP COMPREHENSIVE PLAN	REGI	670
ULATIONS POPULATION DYNAMICS OF	HOMEOETHERMS ESPECIALLY	GAME SPECIES	ECOLOGY OF WATERPOWL NEST	PREDATION	738
DEER SDRPVY WILDLIFE MANAGEMENT	WITH EMPHASIS ON SMALL	GAME SPECIES	EVALUATION OF EXOTIC GAME BIRD	PROG	718
THE ECOLOGY AND MANAGEMENT OF		GAME SPECIES	OF BIRDS AND MAMMALS		138
LAND MANAGEMENT FOR UPLAND		GAME WATER	POWL AND WHITE-TAILED DEER		725
GENERAL WATER RESOURCE PLANNING;	HABITAT MANAGEMENT FOR	GAMEBIRDS AND FARM	GAME PLAINFIELD TOWNSHIP COMP		670
AGRICULTURAL OR FOREST ECOSYSTEMS	INSECT DISPERSAL INTO	GAMMA IRRADIATED	GRADIENT COCONUT RHINOCEROS BEE		334
ADIATIONS AND RADIONUCLIDES IN THE	BIOSPHERE NEUTRON AND	GAMMA-RAY	RESPONSE OF SEEDS PLANTS	NEUTRON AND	526
TRON AND GAMMA-RAY RESPONSE OF	SEEDS PLANTS NEUTRON AND	GAMMA-RAY	RESPONSE OF SEEDS PLANTS	X RAYS ON BO	526
EDLING GROWTH SURVEY OF UNIVERSITY	OF GEORGIA BOTANICAL	GARDEN	GRAZING PRESSURE EFFECTS ON	PLANT POPULA	611
VALLEY N.M. WESTERN N.M. POWERLINE	ROUTE IMPACT TUCSON	GAS & ELECTRIC	STUDIES IN GILA VALLEY N.M.	AVI	345
EAR POWER PLANTS ECOLOGICAL	ASSESSMENT OF LIQUID NATURAL	GAS ECOLOGICAL	ASSESSMENT OF SWG PLANT	ECOSYSTE	511
RESOURCE RECYCLING CONVERSION OF	WASTE TO FUEL	GAS ENVIRONMENTAL	IMPACT STATEMENT DVC LIG. BOT.		27
LLULOSE SOLID WASTE MANAGEMENT	REST AREA USAGE ACID AND	GAS PRODUCTION	IN SANITARY LANDFILLS	DECOMPOSITI	808
REFINED COAL ENVIRONMENTAL	IMPACT STATEMENTS ON VARIOUS	GAS PROJECTS	ENVIRONMENTAL IMPACT STATEMENT	ON H	372
SE INCLUDING TOXICOLOGIC DISEASE	CXYGEN TOXICITY INHALED	GASEOUS IRRITANTS	BERYLLIUM TOXICITY	DIAGNOSIS	590
CHEMICAL OCEANOGRAPHY CARBON	SULFUR BUDGETS DISSOLVED	GASES TRACE METALS	PLANKTON DECOMPOSITION	ANAERO	3
INS OF MARINE INVERTEBRATES	PARTICULARLY CEPHALOPODS AND	GASTROPOD MOLLUSCS		TOX	671
LANDS STUDY OF SOUTHAMPTON TOWN	NEW YORK EFFECTS OF TIDE	GATES ON COVE ESTUARY	CT PLANT ECOLOGY OF MARI		675
CAL SURVEY OF SALEM CHURCH DAM	SITE BIOLOGICAL IMPACT	CP	GATHRIGHT DAM SITE LOCATION	FOR HAMPTON ROADS SP	62
D ALTERATION OF ORGANIC CHEMICALS	IN MARINE ENVIRONMENTS	GC-MS ANALYSIS	OF PCB DDT ORGANICS IN BOSTON	HAR	636
F BIRD DEPREDAATIONS STUDIES	OF POPULATION ECOLOGY	CANADA	GENESE WILDLIFE ECOLOGY; WILDLIFE	MANAGEMENT; WI	330
N IN SEEDS OF AQUILEGIA USE	OF RECIPROCAL TRANSPLANTS	IN	GENECOLOGY PHYSIOLOGICAL	ECOLOGY OF AQUILEGIA	T
SCHUYLKILL RIVER IN THE VICINITY	OF THE LIMERICK NUCLEAR	S	GENERATING STATION	ECOLOGICAL INVESTIGATION	OF T
S OF ENERGY PHYSICS AND	ENGINEERING APPLIED TO	NTAL IMPACT ASSESSMENT	ESPECIALLY IN THE FIELD	OF POWER	IN SOILS
TROPICAL SOILS SOIL SURVEY	SOIL CLASSIFICATION	OGICAL ANALYSES	OF CLAY SAMPLES	STUDIES RELATED TO SOIL	AGE STRUCTURE
IN UNSTABLE ENVIRONMENTS	AGE VARIATION IN	CATIONS OF THE MCGUIRE	NUCLEAR PLANT WATER POLLUTION	AND	TIC DEFECTS
ENVIRONMENTAL GEOLOGY	ESPECIALLY RELATED TO	MICROBIAL			
SPECIES COMPLETE AND PARTIAL	DIALELLS FOR ORCHARD GRASS	GENETICS	AND BREEDING OF FORAGE CROPS	AND OTHER	492
ISTRY PHYSIOLOGY PHARMACOLOGY	TOXICOLOGY BIOCHEMICAL	GENETICS	AND PHYSIOLOGY OF TREES		545
ON OF BLUEGILL POPULATION	WITH SEPOLOGICAL METHODS	FISH	GENETICS HEAVY METAL	COMPARATIVE BIOCHEM	463
POPULATION MATHEMATICAL	QUANTITATIVE AND STATISTICAL	GENETICS	HERITABILITY OF WEIGHT AND	LENGTH IN CH	574
Y ECOLOGICAL AND POPULATION	GENETICS OF MAN AND INSECTS	GENETICS	ISOZYME POLYMORPHISM	ENVIRONMENT	INTERA
EFFLUENT GUIDELINES FOR BEET	SUGAR INDUSTRY BIOCHEMICAL	GENETICS	OF ADAPTIVE RACE FORMATION	DYNAMICS OF	732
ECTS OF MIMICRY EVOLUTIONARY	ECOLOGICAL AND POPULATION	GENETICS	OF HETEROZIS PERMANENT	GRASSLAND MANAGE	735
Y ON ISLANDS POPULATION	ECOLOGY AND GENETICS	OF RODENTS	GENETICS OF MAN AND INSECTS	GENETICS OF ADAPTIVE	732
SWEET CORN RESISTANCE OF CORN	TO H. MAYDIS PHYSIOLOGICAL	GENETICS	OF MOUSE POPULATION	CYCLES POPULATION C	712
GICAL GENETICS OF PEST	RESISTANCE IN CORN	PHYSIOLOGICAL	GENETICS OF PEST RESISTANCE	IN CORN	PHYSIOLOGIC
LES ATTRACTANT PHEROMONE	OF THE EUROPEAN ELM BARK	BEETLE	GENETICS OF PHEROMONE	SPECIFICITY BIOSYSTEMATIC	412
RATS MOUSE DEMOGRAPHY ON	ISLANDS POPULATION	ECOLOGY AND	GENETICS OF RODENTS	GENETICS OF MOUSE POPULATION	712
RESEARCH AND BREEDING	PROGRAM FOR DOUGLAS FIR	POPULATION	GENETICS THEORY AND	MATHEMATICAL ECOLOGY	OF FORE
LOGY AND EFFICIENCY OF	PEANUT VARIATION	CYTOGENETICS	GENETICS AND	EVOLUTION OF NATURAL	OR EXPERIMENA
GERBIL 2,4,5-T EFFECTS	ON PLANT GROWTH AND	DEVELOPMENT	GENETICS; CYTOGENETICAL	EFFECTS OF HERBICIDES	AN
STICIDES ON NON-TARGET	ORGANISMS POPULATION	ECOLOGY AND	GENETICS; PEST POPULATION	MANAGEMENT ECOLOGICAL	552
AND ECOLOGY AND ITS	ROLE IN MINERAL CYCLING	ECOLOGY AND	GEOCHEMICAL SIGNIFICANCE	OF DIATOMS ORGANIC COMP	320
NMENT ASSESSMENT PROBLEMS	OIL POLLUTION ATLANTIC	ORGANIC	GEOCHEMISTRY ESTUARINE	SEDIMENTS ORGANIC GEOCHE	213
UES ORGANIC CHEMISTRY	OF WATER AND SEDIMENTS	AMINO ACID	GEOCHEMISTRY OF MARINE	SEDIMENTS TRACE METALS	IN
LANTIC ORGANIC GEOCHEMISTRY	ESTUARINE SEDIMENTS	ORGANIC	GEOCHEMISTRY AND OIL	POLLUTION PROBLEMS	INPUT-
EFFECTS OF HURRICANE	AGNES ON CHESAPEAKE	BAY BIOLOGY	OF THE	GEODUCK CLAM HIGH SEAS	PACIFIC SALMON
TIC INSECTS CARRION	INSECT ECOLOGY	CULEX SPP. DIAPAUSE &	MORE ISLAND, VIRGINIA	PLANT ECOLOGY	AS RELATED TO PLANT
TATION OF LATIN AMERICA	TAXONOMY OF RAINFOREST	CONIFERS	GEOGRAPHY OF VEGETATION	SYSTEMS BOTH FORMATION	A
EMENT FOREST PRODUCTIVITY;	VEGETATION MANAGEMENT;	PLANT	GEOGRAPHY; FOREST	ECOLOGY PLANTS - AIR - NOISE -	186
WATER POLLUTION ESPECIALLY	MINE DRAINAGE AND	INORGANIC	GEOLOGIC FACTORS	AFFECTING SOLUTION	POROSITY OF
IRONMENTAL GEOLOGY	ESPECIALLY RELATED TO	GENETIC DEFECTS	GEOLOGICAL IMPLICATIONS	OF THE MCGUIRE	NUCLEAR P
PLANT WATER POLLUTION	AND GENETIC DEFECTS	ENVIRONMENTAL	GEOLOGY ESPECIALLY	RELATED TO GENETIC	DEFECTS GE
POROSITY OF KARST	AQUIFERS KARST AND	CAVE HYDROLOGY	GEOLOGY; WATER	POLLUTION ESPECIALLY	MINE DRAINA
N CONTROL AS ENVIRONMENTAL	ENGINEER DDT ANALYSIS	OF LAKE	GEORGE SEDIMENTS	AQUATIC ENVIRONS	OF EMERALD GRE
CA PUGNAX POPULATION	ECOLOGICAL SURVEY	COASTAL REGION	CF	GEORGIA SALT MARSH	ECOLOGY WITH EMPHASIS
EFFECTS ON PINE	SEEDLING GROWTH	SURVEY OF UNIVERSITY	OF	GEORGIA BOTANICAL	GARDEN
CE PROJECTS ON FISH	AND WILDLIFE	RESOURCES	ALCOVY RIVER	GEORGIA WATERSHED	EVALUATION
EAT RIVER POPULATION	STUDY OF FRESHWATER	SNAIL VIVIPARUS	BRICIDES AND	CHEMICALS TERATOGENIC	EFFECTS OF 2 4 5-T
S OF 2 4 5-T IN GERBIL	CYTOGENETIC	EFFECTS OF 2 4 5-T	IN	GERBIL 2 4 5-T	EFFECTS ON PLANT
WITH RECIPR. TRANSIC	COMPETITION BETWEEN	BLACK AND WILD	GERMAN COCKROACHES	POPULATION	BIOLOGY OF COCKR
R REFERENCE TO MEANS	OF BIOLOGICAL	CONTROL POP. PIOL. OF	GERMAN COCKROACH	IN LAB. CULTURES	CONTROL OF GER
P. BIOL. OF GERMAN	COCKROACH IN LAB.	CULTURES	CONTROL	OF	EFFECTS OF CERTAIN
FORESTRIAL PLANT	ECOLOGY AND TAXONOMY	DETERMINE	SPEED	OF	GERMINATION AND
ENT PRIMARY PRODUCTIVITY	IN SALT MARSHES	SALT MARSH	SEED	GERMINATION	PRIMARY PRODUCTIVITY
POWERLINE ROUTE IMPACT	TUCSON GAS & ELECTRIC	STUDIES	IN	GILA VALLEY N.M.	AVIAN EVOLUTION
PORT WRITING THE	TARIF SYSTEM OF	TREE-VOLUME	ESTIMATIONS	ECOLOGY OF REDWOOD	782
SIMULATION PLANT	ECOLOGY/MANAGEMENT	MODEL OF FORESTS	OF	GLACIER NATIONAL	PARK EASTERN HEMLOCK
					IN DECIDUO

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

MFHIBIA ANOXIA AND NA LOSS IN BROCK TROUT AT LOW PH SAIT	GLAND OF SEA SNAKES ION AND WATER BALANCE OF MUT	530
AL PRODUCTS OF BIOMEDICAL SIGNIFICANCE BRANACLE - CEMENT	GLANDS - ATTACHMENT MECHANISM HISTOCHEMISTRY - B	431
ES AND MACROINVERTEBRATES CORNING GLASS WORKS EFFECTS OF	GLASS PLANT EFFLUENTS ALLEGANY POWER COMPANY EFF	619
ION DYNAMICS OF SALMONIDS AND MACROINVERTEBRATES CORNING	GLASS WORKS EFFECTS OF GLASS PLANT EFFLUENTS ALL	619
TS EVOLUTIONARY ASPECTS CHM. WORK GRP. 4 OF THE CONF. CN	GLOCAL ECOL. PROBLEMS TIS ADVISORY COUNCIL FOR U	358
VETERINARY PATHOLOGY MELIODOCIS IN DOGS IN VIETNAM	GLOSSITIS IN DOGS	691
N COASTAL AND ESTUARINE AREAS BIOLOGY AND CONTROL OF EYE	GNAITS INTEGRATED CONTROL OF THE HOUSE FLY INSPC	23
CGY OF COLOR CHANGE IN CROTAPHYTUS HABENULAR LESIONS AND	GNAWING IN RATS BEHAVIOR OF VERTEBRATES - PARTI	149
MEASURES OF ENVIRONMENT AND FISH THEMSELVES TO PREVIEE	GOOD FISHING FOOD OF FORAGE FISH IN TWO LARGE RE	246
SBMENT TECHNIQUES MANUAL ATLANTIC FLYWAY COUNCIL CANADA	GOOSE ESTABLISHMENT ORNITHOLOGY & PLANT ECOLOGY	223
L: URBAN VERMIN CONTROL CLAY HILL VERMIN CONTROL PROJECT	GOV. COM/DEVELOP ENVIRONMENTAL POLICY FOR CT RES	388
WATERSHED IMPROVEMENT LCWA AS FACTOR IN LOCAL AND STATE	GOVERNMENT ENVIRONMENTAL ACTION CATALYST FOR CO	483
PLANNING SOLID WASTE MANAGEMENT PLAN BERKS COUNTY LOCAL	GOVERNMENT PLAN PHYSIOLOGICAL ECOLOGY & COMPREH	385
GOVERNMENT ENVIRONMENTAL ACTION CATALYST FOR COMMONITY	GOVERNMENT WATERSHED IMPROVEMENT LCWA AS FACTOR	483
ANAGEMENT DEVELOPING ENVIRONMENTAL EDUCATION FOR PRIMARY	GRADES EFFECTS OF PARASITES ON SHARPTAILED GROUS	67
TANT CANDIDA ALBICANS ULTRACENTRIFUGATION YEAST CELLS IN	GRADIENT ACRYLAMIDE GROWTH STIMULATION OR INHIBI	605
FOREST ECOSYSTEMS INSECT DISPERSAL INTO GAMMA IRRADIATED	GRADIENT COCONUT RHINOCEROS BEETLE PROJECT PESTS	334
PLANKTON AND BENTHOS POPULATIONS FISHERY RESEARCH (GFNI)	GRADUATE RESEARCH ASSISTANT BIOLOGICAL TECHNICAL	663
ATIONAL INSTITUTE OF TROPICAL AGRICULTURE PLANT BREEDER	GRAIN LEGUMES CONSULTANT ON UNIVERSITY DEVELOPME	503
TTEEN DEV. SEVERAL HUNDRED UNITS ENVIRONMENTAL IMPACT OF	GRAND PROJECTS IMPACT ASWAN HIGH DAM ON EAST MEE	252
OTHER SPECIES COMPLETE AND PARTIAL DIALLELS FOR ORCHARD	GRASS GENETICS AND BREEDING OF FORAGE CROPS AND	492
DESERT SHRUB WATER STRESS GROWTH RESPONSE OF SALT MARSH	GRASS EFFECTS OF SWAMP FILLING AT CONSTRUCTION S	298
BIOSPHERES NITROGEN NUTRITION & ALKALOID PRODUCTION IN	GRASS ION ABSORPTION BY PLANT CELLS PLANT MINER	771
TON HARBOR WATER POLLUTION ABATEMENT AND PLANT RESPONSE	GRASS RESPONSE TO FEEDLOT RUNOFF EFFLUENT EVALUA	610
RECLAMATION AND STABILIZATION OF DUNES ON AMELIA ISLAND	GRASSLAND FERTILITY AND MANAGEMENT; COASTAL STAR	801
AR INDUSTRY BIOCHEMICAL GENETICS OF HETEROSIS PERMANENT	GRASSLAND MANAGEMENT FOR HIGH YIELD PESTICIDES I	735
PROJECT - MARSHES POPULATION DYNAMICS OF TREE SEEDLINGS	GRASSLAND PRODUCTION AND METHODS PLANT ECOLOGI	264
IES OF CANYON AND ROCK WRENS BEHAVIOR SYMPARTRIC ARIZONA	GRASSLAND SPARROWS AVIAN ECOLOGY AND BEHAVIOR C	730
N IN THREE SPECIES OF HAWKS IMPACT OF RAPTORIAL BIRDS ON	GRASSLANDS POPULATION DYNAMICS OF RAPTORS IN SHO	523
TION OF NUCLEAR FACILITY ECOLOGY AND BEHAVIOR OF RED AND	GRAY FOXES WILDLIFE ECOLOGY ESPECIALLY ANIMAL P	225
OF BIOLOGICAL DATA EFFECTS OF EARLY SEPTEMBER HUNTING ON	GRAY SQUIRREL POPULATIONS EFFECTS OF HUNTING PRE	493
SUCCESSION IN LIMNETIC PHYTOPLANKTON	GRAZING BY ESTUARINE ZOOPLANKTON	39
PRESSURE EFFECTS ON PLANT POPULATIONS; ENVIRONMENTAL LAW	GRAZING PRESSURE EFFECTS ON PINE SEEDLING GROWTH	611
GROWTH SURVEY OF UNIVERSITY OF GEORGIA BOTANICAL GARDEN	GRAZING PRESSURE EFFECTS ON PLANT POPULATIONS; E	611
TO BIRDS USE OF A COULTER COUNTER TO ASSESS ZOOPLANKTON	GRAZING; LAKE BIOLOGY FEEDING OF DAPHNIA ON ALGA	126
ISHERIES- SUSQUEHANNA RIVER EUTROPHICATION OF RUSH RIVER	GREAT AMERICA PROJECT AQUATIC BIOLOGY-FRESHWATE	222
DENSITY VS. ACCELERATED EUTROPHICATION THRESHOLDS LAKES	GREAT LAKES ACCEL. EUTROPHICATION THRESHOLDS ACH	437
RSION PROJECT LOUISIANA VIRGINIA CAPES ARTIFICIAL REEFS	GREAT LAKES WATER LEVELS STUDY IMPACT ASSESSME	625
HISTORY OF WEHRLIS SALAMANDER ECOLOGY OF A POPULATION OF	GREAT PLAINS SKINK POPULATION ECOLOGY OF COLO-C	295
S IN SWAMP-STREAM ECOSYSTEMS SWAMP AND MARSH ECOSYSTEMS	GREATEST COMPETENCE IN CYPRESS-GUM SWAMP EFFECTS	713
INITY OF THE BARBADOES & CROMBY STEAM ELECTRIC STATIONS	GREATEST COMPETENCE IN: AQUATIC ECOLOGY WITH A S	337
SIS OF LAKE GEORGE SEDIMENTS AQUATIC ENVIRONS OF EMERALD	GREEN - N.Y. STATE D.E.C. HEARING EDGEWOOD LAKES	209
ECOLOGICAL SURVEY OF A COASTAL BRACKISH LAKE FIDE	GREEN ALGAE AND EUTROPHICATION OF COASTAL PONDS	501
HEAVY METALS TO OYSTER EMBRYOS PHYSIOLOGICAL RESPONSE OF	GREEN CRAB TO METALS HEAVY METAL BIOASSAY WITH	140
SICAL ENVIRONMENT ON THE CHEMICAL/PHYSICAL PROPERTIES OF	GREEN PLANTS. THERMAL EFFECTS ON CHEMICAL/PHYSIC	160
TH AMERICAN WOODPECKERS; SAME FOR GROUND SQUIRRELS ASPEN	GREENBELT STUDY SYMPATRY OF RED HEADED & LEWIS W	291
BRITISH VIRGIN ISLANDS ECOLOGY AND CONSERVATION ATITIAN	GPEVE ECOLOGY AND MANAGEMENT OF WILDLIFE ESPEC	408
CHESAPEAKE BAY AND TRIBUTARIES ESPECIALLY STRIPED BASS	GROSS BIOLOGICAL EFFECT OF OVERBOARD DISPOSAL IN	566
IN SOUTH DAKOTA ECOLOGY OF UPLAND AND BIG GAME ANIMALS	GROSS CHANGES OF THE BLACK HILLS PINE FOREST MOV	568
ATER MOVEMENTS IN NEW YORK HARBOR BIOTA OF MANHATTEN BAY	GROUND RECHARGE IN SUFFOLK COUNTY ESTUARINE EC	240
VIOR AND ECOLOGY OF YORK AMERICAN WOODPECKERS; SAME FOR	GROUND SQUIRRELS ASPEN GREENBELT STUDY SYMPATRY	291
OPHICATION OF COBOSSEE WATERSHED MAINE COASTAL WETLANDS	GROUNDTRUTH DENNIS AND TRURO IMPACT AND DEPENDE	516
-LECTURE UNITS ON WILDLIFE VOCALIZATIONS OF WOODCOCK AND	GROUSE ENVIRONMENTAL CHANGE AND EFFECTS ON WILD	606
IFE ADULT EDUCATION EFFECTS OF STRIP MINING ON DEER AND	GROUSE DEVELOPING SLIDE-LECTURE UNITS ON WILDLIF	606
ION BREEDING BEHAVIOR OF MALE WOODCOCK ECOLOGY OF RUFFED	GROUSE IN MAINE WILDLIFE ECOLOGY AND WILDLIFE M	618
N FOR PRIMARY GRADES EFFECTS OF PARASITES ON SHARPTAILED	GROUSE PARASITES OF BIG GAME IN SOUTH DAKOTA A N	67
URREL POPULATIONS EFFECTS OF HUNTING PRESSURE ON RUFFED	GROUSE POPULATIONS THE DEVELOPMENT AND IMPROVEM	493
URRENT AND SCALLOP GROWTH FOOD CONCENTRATION AND SCALLOP	GROUSE AQUACULTURE OF MARINE SUSPENSION-FEEDERS	396
LS MECHANISM OF DRUG INDUCED LIVER GROWTH DAMAGE INDUCED	GROWTH - RADIATION CHEMICAL MECHANICAL CHEMICA	20
ER FISHES CRANBERRY LAKE WATER QUALITY SURVEY FIRST-YEAR	GROWTH ALEWIFE LAKE ONTARIO OPERATION CLEARWATER	211
OF VIRGINIA'S EASTERN SHORE POPULATION BIOLOGY AND ACE	GROWTH ANALYSES OF FISHES AGE GROWTH AND DISTRI	579
TC EFFECTS OF 2 4 5-T IN GERBIL 2 4 5-T EFFECTS ON PLANT	GROWTH AND DEVELOPMENT GENETICS; CYTOGENETICAL	450
POPULATION BIOLOGY AND AGE GROWTH ANALYSES OF FISHES AGE	GROWTH AND DISTRIBUTION OF BLACK DRUM ANALOG STM	579
DESERT SHRUBS EFFECT OF ENVIRONMENTAL STRESSES ON PLANT	GROWTH AND ECOSYSTEM BEHAVIOR FOREST PRODUCTION	703
FOR CEPHALOSPORIN AMIDASE ENZYME ANTIBIOTICS MICROBIAL	GROWTH AND FERMENTATIONS AND PRODUCTS FORMED DEN	753
ENVIRONMENTAL EFFECTS ON	GROWTH AND FORM IN MARINE INVERTEBRATES	709
ND MEASUREMENT OF AQUATIC ECOSYSTEM PARAMETERS BACTERIAL	GROWTH AND THE DELAWARE ESTUARY MODEL BASELINE S	257
IFICATION AND EVALUATION AS WILDLIFE HABITAT WETLAND TREE	GROWTH AS AFFECTED BY ARTIFICIAL FLOODING; WETLAN	262
OPGAN GROWTH IN MAMMALS MECHANISM OF DRUG INDUCED LIVER	GROWTH DAMAGE INDUCED GROWTH - RADIATION CHEMIC	20
ALASKA VITAMINS IN AQUATIC SYSTEMS AQUATIC PRODUCTIVITY	GROWTH FACTORS VITAMINS TOXINS SHELLFISH TOXICIT	507
E OF MARINE SUSPENSION-FEEDERS WATER CURRENT AND SCALLOP	GROWTH FOOD CONCENTRATION AND SCALLOP GROWTH AQ	396
CAL CHEMICAL AREINOGENESIS MECHANISMS CONTROLLING ORGAN	GROWTH IN MAMMALS MECHANISM OF DRUG INDUCED LIVE	20
MALIAN AND COMPARATIVE PHYSIOLOGY BOTH IN LAB AND FIELD	GROWTH IN THREE SPECIES OF HAWKS IMPACT OF RAPTO	523
EMENT & PRESERVATION WATERSHED MANAGEMENT IN RELATION TO	GROWTH LAND USE PLANNING - ENVIRONMENTAL MANAGEN	374
DISTURBANCES RECLAMATION OF DEEP MINE COAL WASTES FOREST	GROWTH NEAR COAL-BURNING POWER STATION DYNAMICS	354
OWTH OF OTHER SPECIES EFFECT OF CERTAIN SEED PLANTS UPON	GROWTH OF CERTAIN BLUE-GREEN ALGAE PHYSIOLOGICA	533
TIDY OF THE EFFECT OF CERTAIN SPECIES LEAF LITTER ON THE	GROWTH OF CERTAIN PLANTS A PRELIMINARY STUDY OF	533
GION ECOLOGY TAXONOMY AND MORPHOLOGY OF BRYOZOA COLONY	GROWTH OF COMMON FOULING BRYOZOAN BRYOZOA OF NEW	34
ON PLANT GROWTH AND ECOSYSTEM BEHAVIOR FOREST PRODUCTION	GROWTH OF DESERT SHRUBS EFFECT OF ENVIRONMENTAL	703
CERTAIN FOREST SPECIES LEAF MATERIAL ON GERMINATION AND	GROWTH OF OTHER SPECIES EFFECT OF CERTAIN SEED P	533
ININS INHIBITORS OF AUXIN TRANSPORT PHYSIOLOGY OF PLANT	GROWTH REGULATORS - PARTICULARLY AUXINS AND CYT	715
OLOGICAL MECHANISMS FOR ENERGY TRANSFER IN PLANT SYSTEMS	GROWTH REQUIREMENTS OF SALT MARSH VEGETATION PHY	349
NSTABLE ENVIRONMENTS AGE VARIATION IN GENETIC CONTROL OF	GROWTH RESEARCH AND BREEDING PROGRAM FOR DOUGLAS	506
SIOLOGY AND PLANT DISTRIBUTION DESERT SHRUB WATER STRESS	GROWTH RESPONSE OF SALT MARSH GRASS EFFECTS OF S	298
FISHERY SCIENCE EFFECT OF TEMPERATURE AND DIPT CN	GROWTH SCHOHARIE VALLEY ECOLOGICAL STUDY	163

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

S ULTRACENTRIFUGATION YEAST CELLS IN GRADIENT ACRYLAMIDE	GROWTH STIMULATION OR INHIBITION BY METABOLIC BY	605
ING TECHNIQUES FOR FISHES SE RESEARCH BIOLOGIST AGE AND	GROWTH STUDIES ON FISHES OF A RESERVOIR; ALSO SA	322
IRONMENTAL LAW GRAZING PRESSURE EFFECTS ON PINE SEEDLING	GROWTH SURVEY OF UNIVERSITY OF GEORGIA BOTANICAL	611
MAMMALIAN KIDNEY COMPENSATORY HYPERTROPHY OF RAT KIDNEY	GROWTH COMPENSATORY HYPERTROPHY DEVELOPMENT OF	593
PECT OF VEGETATION CHANGES ON SOIL FERTILITY VEGETATION	GROWTH NUTRITION OF PEAT BOGS VEGETATION ANALY	171
TH ITS ECOLOGICAL AND ITS EVOLUTIONARY ASPECTS CHM. WORK	GRP. 4 OF THE CONF. ON GLOBAL ECOL. PROBLEMS TIE	358
ITICS CONSULTANT - USE OF PESTICIDES - CENTRAL AMERICA -	GUATEMALA PESTICIDE CONSULTANT - CENTRAL AMERICA	563
PINE RESOURCE PLANNING LONG ISLAND NY SHORE MANAGEMENT	GUIDELINES PLANNING & MANAGING NATURAL RESOURCE	471
IGH YIELD PESTICIDES IN THE AQUATIC ENVIRONMENT EFFLUENT	GUIDELINES FOR BEET SUGAR INDUSTRY BIOCHEMICAL	735
BY PRODUCTIVITY IN THE MARINE ENVIRONMENT PRODUCTIVITY -	GULF OF MAINE THERMAL EFFECT ON ALGAE PRODUCTIVITY	805
BY PRODUCTIVITY IN THE MARINE ENVIRONMENT PRODUCTIVITY -	GULF OF MAINE THERMAL EFFECT ON ALGAE PRODUCTIVI	806
ID-ATLANTIC BIGHT. ECOLOGICAL BASELINE STUDY OF THE N.F.	GULF OF MEXICO CLEANING OF OILED WATERFOWL WILD	313
AL EFFECTS ATLANTIC COASTAL ESTUARY CHEMICAL EFFLUENTS	GULF OF MEXICO-RAAZOS RIVER NUCLEAR SITING STUDY	98
COPEPODA FJORD-LIKE BASIN DEEP-WATER CYCLOPOID COPEPODA	GULF ALASKA SYSTEMATICS AND ECOLOGY OF FREE-LI	170
N SEABIRDS POPULATION & MOVEMENTS OF NEW ENGLAND HERRING	GULLS MANAGEMENT OF MASSACHUSETTS TERNS PANEL ON	194
RESEARCH IN BIRD POPULATIONS - THESIS RESEARCH IN HERRING	GULLS POPULATIONS MARINE SCIENCE LABORATORY FOR	292
NEW ACARICIDES/INSECTICIDES METABOLISM OF PESTICIDES BY	GYPSY MOTH METABOLISM AND MODE OF ACTION OF PES	7
EAF REFLECTANCE AND RESPONSE TO STRESS REMOTE SENSING OF	GYPSY MOTH DEPOLLUTION AERIAL SENSING FOR EVALU	592
ANTS PEST RESISTANCE IN SWEET CORN RESISTANCE OF CORN TO	H. MAYDIS PHYSIOLOGICAL GENETICS OF PEST RESISTA	272
N CHAMELFON ENDOCRINOLOGY OF COLOR CHANGE IN CROTAPHYIUS	HABENULAR LESIONS AND GNAWING IN RATS BEHAVIOR	148
ND WILDLIFE MANAGEMENT HURRICANE IMPACT ON QUAIL HABITAT	HABITAT AND BOBWHITE QUAIL PRODUCTION SOUTH TEXA	53
THE OSPREY ECOLOGY OF VERTEBRATES SPECIAL REFERENCE TO	HABITAT ASSOCIATIONS AND COMMUNITY SUCCESSION SM	534
SOUTHEAST SIMULATED BROWSING BY CLIPPING THE EFFECTS OF	HABITAT CHANGES ON WILDLIFE POPULATIONS AND FOOD	303
AVIAN VULNERABILITY TO AIRCRAFT MOVEMENTS GAME	HABITAT DEMONSTRATION AREA	736
RAVEN ECOLOGY AND MANAGEMENT OF NONCONSUMPTIVE WILDLIFE	HABITAT FACTORS DETERMINING DENSITY OF FORESTBIR	341
N ON WILDLIFE HABITAT TIMBER CUTTING EFFECTS ON WILDLIFE	HABITAT FOOD HABITS OF DEER-RANGE CARRYING CAPAC	158
AVIAN MIGRATION AND ENERGY BALANCE DEVELOPMENT OF MARSH	HABITAT FCR CORPORATION WATERSHED MONITORING SYS	212
PISHERIES MANAGEMENT DETERMINE WAYS TO IMPROVE	HABITAT FOR RESERVOIR FISHERIES	266
D GROUSE POPULATIONS THE DEVELOPMENT AND IMPROVEMENT OF	HABITAT FOR WILDLIFE AND THE COLLECTION AND ANA	493
RANGE AND WILDLIFE MANAGEMENT HURRICANE IMPACT ON QUAIL	HABITAT HABITAT AND BOBWHITE QUAIL PRODUCTION SO	53
POTENTIAL LAND USE AND GENERAL WATER RESOURCE PLANNING;	HABITAT MANAGEMENT FOR GAMEBIRDS AND FARM GAME P	670
REARCH ASSISTANT RESEARCH ASSISTANT ECOLOGICAL STUDIES -	HABITAT MANIPULATIONS IN WILDLIFE MANAGEMENT - O	167
D LIMNOLOGY EFFECT OF CHANNULIZATION ON FISHES AND THEIR	HABITAT OYSTER CULTCH LIMNOLOGICAL STUDY OF PONT	441
E FORESTBIRD EFFECTS OF CLEARCUTTING ON BIRD POPULATIONS	HABITAT REQUIREMENTS OF RAVEN ECOLOGY AND MANAG	341
LOGY OF RAPTOR POPULATIONS IN UTAH POPULATION DYNAMICS	HABITAT SELECTION AND PARTITIONING OF RAPTORS PO	660
JECT VERTEBRATE POPULATIONS AND BEHAVIORAL ECOLOGY	HABITAT SELECTION AND USE TUNISIAN PRESANARAN PR	253
FE RESOURCES, ST. LAWRENCE BASIN VERTEBRATE ECOLOGY AND	HABITAT SELECTION BIRD POPULATION EFFECT OF LOGG	762
STRATION OIL SPILL CONTINGENCY PLAN FOR WILDLIFE WETLAND	HABITAT TECHNIQUES MANUAL FEDERAL-AID WILDLIFE R	224
STEMS EFFECTS OF ENVIRONMENTAL MODIFICATION ON WILDLIFE	HABITAT TIMBER CUTTING EFFECTS ON WILDLIFE HABIT	158
HWATER WETLAND CLASSIFICATION AND EVALUATION AS WILDLIFE	HABITAT WETLAND TREE GROWTH AS AFFECTED BY ARTIF	262
ING COORDINATION FOREST WILDLIFE MANAGEMENT - INVENTORY	HABITAT PRESCRIBE MANAGEMENT TO ACHIEVE OBJECTI	626
ENT IN NEONATAL MAMMALS WATER BALANCE IN BATS FROM XERIC	HABITATS WATER ECONOMY OF DESERT MAMMALS SPECI	343
ECOLOGY OF AQUATIC	HABITATS - RESEARCH WITH PLETHODONT SALAMANDERS	639
TITLE ECOL. INFL. HEALTH REPROD. WILDLIFE IN S.E. FOREST	HABITATS CONTROL REPROD. DOMESTIC ANIMALS APPL.	614
AGEMENT WATERFOWL AND ASSOC. IN BRACKISH AND FRESH WATER	HABITATS FOR PEOPLE	136
INVENTORY OF LAKE MICHIGAN ELEMENTS ECOLOGY OF AQUATIC	HABITATS THEIR INHABITANTS AND THEIR MANAGEMEN	21
CLASSIFICATION OF KITIDULIDAE (COLEOPTERA);	HABITS AND CONTROL OF SPIDER MITES	141
POLLUTION IN TAMPA BAY IN FLORIDA INVESTIGATION OF FISH	HABITS AND REACTIONS FEEDING OF FISH IN BACK BAY	24
SCHUYLKILL RIVER ECOLOGICAL STUDY FISH FOOD AND FEEDING	HABITS IN RIVERS FOOD HABITS OF FISHES OF SCHUYL	698
HABITAT TIMBER CUTTING EFFECTS ON WILDLIFE HABITAT FOOD	HABITS OF DEER-RANGE CARRYING CAPACITY NONGAME W	158
GICAL STUDY FISH FOOD AND FEEDING HABITS IN RIVERS ECOD	HABITS OF FISHES OF SCHUYLKILL RIVER SCHUYLKILL	698
ENVIRONMENTAL EVALUATION OF NUCLEAR POWER PLANTS FEEDING	HABITS OF PINK AND CHUM SALMON SECONDARY PRODUCT	382
ECTS OF HABITAT CHANGES ON WILDLIFE POPULATIONS AND ECOD	HABITS OF UNGULATES EFFECTS OF CUTTING ON DEER F	303
PERATIONS ON WILDLIFE WILDLIFE BIOLOGY WILD TURKEY FOOD	HABITS WILD TURKEY INTERNAL PARASITES IMPACT OF	125
AND PLANT ECOLOGY PAST AND PRESENT FLORA AND VEGETATION	HACKENSACK MEADOWS VEGETATION OF HOUSTON NEW TOW	650
OGY AND ECOLOGY DISTRIBUTION AGE AND ECOLOGY OF SPOTTED	HAKE TEMPERATURE SELECTION OF FISH FROM LAKE ERI	35
F SMALL MAMMALS TERRESTRIAL WILDLIFE SURVEY SEABROOK NEW	HAMPSHIRE BEHAVIORAL ECOLOGY O	236
ONICA SERPHYLLIPEDIA VASCULAR ELCSA OF CHESHIRE CO. NEW	HAMPSHIRE BIOSYSTEMATIC STUDY OF VER	72
TUDIPS CONNECTICUT RIVER HYDROGRAPHIC STDDY MAINE YANKEE	HAMPTON HYDROGRAPHIC STUDY THE USE OF DYE DIPPU	689
Y POINT MARINE ORDINANCE TERMINAL BRIDGE-TUNNEL CROSSING	HAMPTON ROADS DREDGE AND FILL PINE KNOLL SHORES	198
ITE BIOLOGICAL IMPACT OF GATHRIDGE DAM SITE LOCATION FOR	HAMPTON ROADS SPOIL BANK ECOLOGY AND SYSTEMATIC	62
NGI CELL BIOLOGY OF MARINE COCCOID FUNGI CELL BIOLOGY OF	HAPLOSPORIDANS ULTRASTRUCTURE OF JELLYFISH MUSCL	544
EROSION IN MONTSWEAG BAY EFFECTS OF DREDGING IN BELFAST	HARBOR MARINE BENTHIC COMMUNITIES SURVEY OF NON	181
ION BEDS WASTEWATER STUDIES FOR MERRIMACK RIVER & BOSTON	HARBOR WATER POLLUTION ABATEMENT AND PLANT RESP	610
OF THE OSWEGO HARBOR AREA ZOOPLANKTON STUDIES IN OSWEGO	HARBOR AREA BIOLOGICAL LIMNOLOGY & FISHERIES BI	207
SHORE WATERS OF LAKE ONTARIO FISH STUDIES OF THE OSWEGO	HARBOR AREA ZOOPLANKTON STUDIES IN OSWEGO HARBOR	207
ND POLLUTION CONTROL SUREACF WATER MOVEMENTS IN NEW YORK	HARBOR BIOTA OF MANHASSET BAY GROUND RECHARGE IN	240
E MILLS/STONE POINT CONNECTICUT AREA ECOLOGY OF NEW HAVEN	HARBOR HISTOCHEMISTRY OF MUCOSUBSTANCES IN CLAM	333
ENVIRONMENTS GC-MS ANALYSIS OF PCB DDT ORGANICS IN BOSTON	HARBOR SEDIMENTS TRANSPORT AND ALTERATION OF OB	636
OLOGY OF FISHES FISH ANATOMY SURVEY FISHES OF BALTIMORE	HARBOR SURVEY FISHES OF CHINCOTEAGUE BAY	784
BIOCHEMICAL SYSTEMATICS SUBLETHAL EFFECTS OF BALTIMORE	HARBOR WATER BIOCHEMICAL DETERMINATION OF STRIPE	498
EN HARBOR CONN. ECOLOGICAL MONITORING PROGRAM STANFORD	HARBOR CONN. DEVELOPMENT OF ESTUARINE RESEARCH	174
ICS ENVIRONMENTAL IMPACT OF DREDGING DUMPING NEW HAVEN	HARBOR CONN. ECOLOGICAL MONITORING PROGRAM NEW	174
N HARBOR CONN. ECOLOGICAL MONITORING PROGRAM NEW HAVEN	HARBOR CONN. ECOLOGICAL MONITORING PROGRAM STA	174
- HUDSON RIVER NEW YORK POWER PLANT ECOLOGY - NEW HAVEN	HARBOR CONN. ENVIRONMENTAL IMPACT STATEMENT - T	729
ION OF N.H. COASTAL WATERS THERMAL POLLUTION BRIDGEPORT	HARBOR CONNECTICUT OLD OIL SPILL EFFECTS NORWA	307
T NY HYDROTHERMAL SURVEY LYNN MASS. ECOLOGIC SDRVEY EGG	HARBOR NY HYDROTHERMAL SURVEY ESTUARY CIRCULAT	143
R SNAIL VIVIPARUS GEORGIANUS SILICA CYCLE - NEW ENGLAND	HAREWATER LAKE ENVIRONMENTAL IMPACT OF ROWLESBOR	673
OIL-SITE EVALUATION FOR HARDWOOD SPECIES SILVICULTURE OF	HAREWOOD AND MIZED STANDS ANNUAL CANKER OF MAPLE	756
AND SNOWMELT WATER STRESS IN HARDWOOD TREES SNOWMELT IN	HARDWOOD FORESTS WIND PROFILES OVER FORESTS POR	214
ECOLOGY TO FOREST STAND CULTURE SOIL-SITE EVALUATION FOR	HARDWOOD SPECIES SILVICULTURE OF HARDWOOD AND MI	756
ECIALY EVAPOTRANSPIRATION AND SNOWMELT WATER STRESS IN	HARDWOOD TREES SNOWMELT IN HARDWOOD FORESTS WIND	214
S IN TEMPERATE FORESTS BIRDS AND CATAPILLARS IN NORTHERN	HARDWOODS FOREST RADIATION SPNSITIVITY OF BIRDS	706
LOGY AND SOIL CHANGE FOREST FERTILIZATION RESEARCH - NE	HARDWOODS PLANNING FOREST ECOLOGY RESEARCH - IND	699
RESEARCH MANAGEMENT FOREST SOIL-SITE RESEARCH IN NORTHERN	HARDWOODS RESEARCH ADMINISTRATION FOREST SOIL-S	560

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

INVESTIGATION OF WINTER DEER YARDS ENERGETICS OF SNOWSHOE HARE DEER AND FISHER GENERAL ECOLOGY WILDLIFE	465
A AVIFAUNA AN. ECOSYSTEM ANALYSIS UPPER DIVISION COLLEGE HARRISEBURG FLOOD CONTROL STUDY FAUNAL RESOURCES	170
INSTRUCTION; FISHES MACROINVERTEBRATES AND TROPHIC LEVELS HARRISEBURG FLOOD PROTECTION STUDY SCHUYLKILL RIV	193
IA, ABLES, PICEA SYSTEMS MODEL OF SALT MARSH ECOLOGY CP HARSH ENVIRONMENT PLANTS APCTIC-ALPINE AND COAST	727
NSECT COEVOLUTION IN P. POLYXENES POPULATION DYNAMICS CP HARVESTIER ANTS METHODS IMPROVEMENT - PINK BOLLWO	208
QUACULTURE IN LOUISIANA SALT-MARSH IMPCUNDMENT SHELLFISH HATCHERY IN CHEESAPEAKE BAY AQUACULTURE OF SHRIMP	597
DOMESTIC-INDUSTRIAL POLLUTION AND BENTHAL INSECTS TROUT HATCHERY VS. OWNER OF A FOND-COURTE CASE DIST. OF	269
DIES ON CORAL REEFS MARINE MAMMALS FROM CAPE COD TO CAFE HATTERAS AQUATIC CHEMISTRY NUTRIENTS CARBON DI	551
IRD ENVIRONMENTAL INVENTORIES BIRDS OF ATLANTIC SEABOARD HATTERAS TO CAPE COD AVIAN FLIGHT FORMATIONS AV	328
LOGY OF MILLSTONE POINT CONNECTICUT AREA ECOLOGY OF NEW HAVEN HARBOR HISTOCHEMISTRY OF MUCOSUBSTANCES IN	333
DYNAMICS ENVIRONMENTAL IMPACT OF DREDGING DUMPING NEW HAVEN HARBOR CONN. ECOLOGICAL MONITORING PROGRA	174
W HAVEN HARBOR CONN. ECOLOGICAL MONITORING PROGRAM NEW HAVEN HARBOR CONN. ECOLOGICAL MONITORING PROGRA	174
LOGY - HUDSON RIVER NEW YORK POWER PLANT ECOLOGY - NEW HAVEN HARBOR CONN. ENVIRONMENTAL IMPACT STATEME	729
PESTICIDES TERRITORIAL BEHAVIOR AND THE RED-SHOULDERED HAWK POPULATION DYNAMICS OF AVIAN SPECIES POPUL	328
RY BIOLOGY AND BEHAVIOR ARTIFICIAL INCUBATION OF SPARROW HAWK EGGS ECOLOGY OF AFRICAN EAGLES COMPARATIVE	665
STIOLOGY BOTH IN LAB AND FIELD GROWTH IN THREE SPECIES CP HAWKS IMPACT OF RAPTORIAL BIRDS ON GRASSLANDS PO	523
ESSENTIAL EFFECTS OF TEMPERATURE AND TOXICITY ON P. ROSEOLA HAZARD ASSOCIATED WITH SHIP AND BREAKWATER COLLI	616
ENTAL EFFECTS OF CHEMICALS PRESENT STAFF SCIENCE ADVISOR HAZARDOUS MATERIALS ADVISORY COMMITTEE EVALUATI	452
AND MODELS FOR ABATEMENT AND PLANNING THALLIUM POLLUTIO HAZARDOUS SPILLS OF TOXIC CHEMICALS ENVIRONMENTA	447
HERRING GULLS MANAGEMENT OF MASSACHUSETTS TERNS PANEL CN HAZARDOUS TRACE SUBSTANCES INTERACTION OF BEHAV	134
FROM FRAMINGHAM PLANT DETERMINATION OF HEALTH AND SAFETY HAZARDS BIODEGRADATION AND AQUATIC TOXICOLOGY P	31
YS WASTE MANAGEMENT SYSTEM EFFLUENTS/RECYCLING MICROBIAL HAZARDS BIOMEDICAL ENVIRONMENTS MICROBIAL CONTRA	402
MPERATURES ON L. LITTOREA DRIFT BOTTLE STUDIES AT BODEGA HEAD CALIFORNIA PHYSIOLOGICAL ECOLOGY OF MARIN	299
R GROUND SQUIRRELS ASPEN GREENBELT STUDY SYMPATRY OF RED HEADED & LEWIS WOODPECKERS WINTER ECOLOGY & BEHA	291
WATER QUALITY INVESTIGATIONS IMPACT OF MINING ON OZARK HEADWATER STREAMS WATER QUALITY OF 3 RIVER BASIN	242
ER QUALITY AND SOIL FROSION MINERAL NUTRITION AND ANIMAL HEALTH SOIL FERTILITY SOIL CHEMISTRY AND CLAY	647
TION OF EMISSIONS FROM FRAMINGHAM PLANT DETERMINATION OF HEALTH AND SAFETY HAZARDS BIODEGRADATION AND AQU	31
ERMINATION OF ENVIRONMENTAL POLLUTANTS AND EVALUATION OF HEALTH EFFECTS DETERMINATION OF EMISSIONS FROM F	31
ECTION ENVIRONMENTAL SYSTEMS ANALYSIS COMMUNITY MODELING HEALTH EFFECTS OF ENERGY POLICY HEALTH EFFECTS	745
OXIDANT AIR POLLUTANTS EFFECTS OF OXIDANT AIR POLLUTANTS HEALTH EFFECTS OF POWER PLANT IN EDMONTON ALBERTA	261
YSYS COMMUNITY MODELING HEALTH EFFECTS OF ENERGY POLICY HEALTH EFFECTS ON HUMANS CAUSED BY ENVIRONMENTAL	745
PEST MANAGEMENT HORTICULTURAL AND HEALTH INSECTS	612
S ENGINEERING AND PLANNING SOUTHERN W. VA. ENVIRONMENTAL HEALTH PLAN ROADSIDE REST AREA EVALUATION HELICO	512
. EGG TRANSFER IN INDUCTION TWINS IN CATTLE ECOOL. INFL. HEALTH REPROD. WILDLIFE IN S.E. FOREST HABITATS	614
PHYSIOLOGY CHEMISTRY MICROBIOLOGY & PATHOLOGY IN THE HEALTH SCIENCES/PARAMEDICAL FIELDS ANATOMY	629
MEDICAL ENTOMOLOGY ARBOVIROLOGY SEROLOGY ENVIRONMENTAL HEALTH SEROEPIDEMIOLOGICAL SURVEY AT ARMY RESEARC	454
GREEN - N.Y. STATE D.E.C. HEARING EDGEWOOD LAKES NYS-DEC HEARING AQUATIC ECOLOGY ESPECIALLY FISHERIES	209
TS AQUATIC ENVIRONS OF EMERALD GREEN - N.Y. STATE D.E.C. HEARING EDGEWOOD LAKES NYS-DEC HEARING AQUATIC	209
IONALS NUCLEIC ACID DISTRIBUTION IN THE DEVELOPING CHICK HEART METAPLASIA AND NUCLEAR NUCLEIC ACIDS IN MO	12
BIOASSAYS ON AQUATIC INVERTEBRATES USING HEAVY METALS & HEAT AS WELL AS GENERAL LIMNOLOGY LIMNOLOGICAL S	279
UALITY IN ESTUARY NETWORKS SUBMERGED DISPOSERS FOR WASTE HEAT DISPOSAL SALINITY INTRUSION IN ESTUARINES	302
D, CALIFORNIA PHYSIOLOGICAL ECOLOGY OF MARINE ORGANISMS HEAT EFFECTS IN A MARINE SNAIL EFFECTS OF HIGH T	299
T-ATMOSPHERE CONTINUUM THERMAL POLLUTION DISPOSING WASTE HEAT TO SOIL REVEGETATION OF SPOIL AND PEPUSE BA	474
RIAL DISCHARGES UPON BENTHOS ALGAE AND FISHES EFFECTS OF HEATED DISCHARGE UPON AQUATIC LIFE EFFECTS OF PA	8
ESTUARINE BENTHIC ECOLOGY EFFECT OF HEATED EFFLUENT ON BENTHIC INFAUNA	742
M NITRITE FORMATION IN HEATED WATER ORIGIN OF NITRITE HEATED WASTE WATER QUALITY SURVEY ROLF OF	781
RACE METALS IN MICROBIAL METABOLISM NITRITE FORMATION IN HEATED WATER ORIGIN OF NITRITE IN HEATED WASTE W	781
HORT. CROPS VEGETABLE PLANT POPULATIONS THERMAL WASTE IN HEATING THE SOIL EVALUATION OF CLIMATE CHOP INPT	609
YSTIOLOGY PHARMACOLOGY TOXICOLOGY BIOCHEMICAL GENETICS HEAVY METAL COMPARATIVE BIOCHEMISTRY PH	463
TE TOXICITY HEAVY METALS FISH TEMPERATURE ACUTE TOXICITY HEAVY METAL BENTHIC HEAVY METAL TOXICITY TOWARD	576
EMBRYOS PHYSIOLOGICAL RESPONSE OF GREEN CRAB TO METALS HEAVY METAL BIOASSAY WITH MARINE ORGANISMS PHYSI	140
Y AND THE FETUS "IN UTERO" ENVIRONMENTAL BIOCHEMISTRY - HEAVY METAL INTERACTIONS WITH PROTEINS CHLORINAT	161
ALS FISH TEMPERATURE ACUTE TOXICITY HEAVY METAL BENTRIC HEAVY METAL TOXICITY TOWARD FRESH WATER AQUATIC	576
RS OF ENVIRONMENT TRENDS NATURAL AREA SURVEYS ECOLOGY OF HEAVY METALS PLANT AND ANIMAL DISTRIBUTION ABUN	368
AKE CHAMPLAIN BIOASSAYS ON AQUATIC INVERTEBRATES USING HEAVY METALS & HEAT AS WELL AS GENERAL LIMNOLOGY	279
TY TOWARD FRESH WATER AQUATIC COMMUNITIES ACUTE TOXICITY HEAVY METALS FISH ACUTE TOXICITY HEAVY METALS FI	576
MUNICIPAL ACUTE TOXICITY HEAVY METALS FISH ACUTE TOXICITY HEAVY METALS FISH TEMPERATURE ACUTE TOXICITY HEA	576
NG IN WATERFOWL TESTING LITERATURE REVIEW ON EFFECTS CP HEAVY METALS IN WATER WINTER ECOLOGY SALT MARSHES	274
L RESPONSE OF ESTUARINE CRAB TO CADMIUM TOXIC EFFECTS OF HEAVY METALS TO OYSTER EMBRYOS PHYSIOLOGICAL RES	140
ENVIRONMENTAL HEALTH PLAN ROADSIDE REST AREA EVALUATION HELICOPTER DELIVERY OF MEDICAL CARE URBAN SYSTE	512
WRITING BOOK-"CHEMISTRY OF FUNGICIDAL ACTION" BIOLOGY OF HELMINTHOSPORIUM MAYDIS FACE T SELPCTIVE INHIBIT	442
LATION OF PLATELET PRODUCTION AND RELEASE PHYSIOLOGICAL HEMATOLOGY - FACTORS REGULATING BLOOD CELL FORMA	146
EMENT MODEL OF FORESTS OF GLACIER NATIONAL PARK EASTERN HEMLOCK IN DECIDUOUS FORESTS MANAGEMENT IMPACTS	392
RINATED ORGANICS FROM WASTEWATER DISINFECTION INEFFECTIOUS HEPATITIS AND WATER QUALITY MERCURY AND THE FETU	161
CANCER ENZYMES IN ACTIVATED SLUDGE TEST FOR HEPATITIS ASSOCIATED ANTIGEN ROLE OF HORMONES IN	478
BIOCHEMISTRY INSECT PHOTO-PERIODIC-RESPONSE--PHOTO MANIP HEPATIDES ON INSECT PEST COMPARATIVE BIOCHEMIST	316
LORINATED HYDROCARBONS IN ATLANTIC OCEAN METABOLISM OF A HERICIDE IN SOYEANS ANALYSIS OF SYNTHETIC ORG	309
BIOCIDES IN THE SOIL PESTICIDES IN SOIL AND BIOACTIVITY HERICIDE MOVEMENT IN SOILS FATE AND BEHAVIOR O	763
ORTH AND DEVELOPMENT GENETICS; CYTOGENETICAL EFFECTS CP HERICIDES AND CHEMICALS TERATOGENIC EFFECTS OF	450
N QUACKGRASS USE OF HERBICIDES IN ORNAMENTAL CROP USE OF HERICIDES AROUND MILITARY INSTALLATIONS PHYSIO	419
PHYSIOLOGICAL EFFECTS OF HERBICIDES ON QUACKGRASS USE CP HERICIDES IN ORNAMENTAL CROP USE OF HERBICIDES	419
CHEMICALS ON RANGELAND ALGAE CONTROL IN LAKES AND PONDS HERICIDES IN SOI PLANT CROPS RESEARCH OF AGRIC	68
IONS PHYSIOLOGICAL EFFECTS MODE OF ACTION AND FATE OF HERICIDES IN THE ENVIRONMENT PHYSIOLOGICAL EFFE	419
BIOCHEMISTRY INSECT PHOTOPERIODIC RESPONSE - PHOTOMANIP HERICIDES ON INSECT PESTS COMPARATIVE BIOCHEMIS	316
F HERBICIDES IN THE ENVIRONMENT PHYSIOLOGICAL EFFECTS CP HERICIDES ON QUACKGRASS USE OF HERBICIDES IN CP	419
U.S. FISH & WILDLIFE ACID MINE DRAINAGE ABATEMENT WORLD HERITAGE TRUST LIVING RESOURCE MANAGEMENT EFFECT	677
PALEOECOLOGY PALEOGEOGRAPHY PALEOECOGRAPHY OF AUSTRALIAN HERPETOFAUNA DISTRIBUTION OF PELAGIC SEASNAKES	319
Y GENERAL ECOLOGY AND SYSTEMATICS OF SQUAMATE REPTILES HERPETOFAUNA OF CUATRO CIENEGAS BASIN MEXICO ECO	468
GY PRESAHARAN ECOSYSTEM IN SOUTHERN TUNISIA BIOGEOGRAPHY HERPETOFAUNA SOUTHERN SPAIN BIOGEOGRAPHY HERPETO	97
IA BIOGEOGRAPHY HERPETOFAUNA SOUTHERN SPAIN BIOGEOGRAFFY HERPETOFAUNA MOROCCO LIZARD ECOLOGY PRESAHARAN	97
ING PROJECT ON LONG ISLAND HERPETOLOGY OF LONG ISLAND NEW YORK TURTLE MARK	620
C CRICKET FROGS NEW TURTLE FOR WEST VIRGINIA COMPARATIVE HERPETOLOGY OF 2 PARM PONDS ECOLOGY OF SYMPATRY	47
DRA SP SYSTEMATIC HERPETOLOGY VARIATION IN SNAPPING TURTLES CHELY	217
RING RESOURCES IN NEW ENGLAND STUDY OF FUNGUS DISEASE OF HERRING SCIENTIFIC REVIEW AND EDITING OF OCPANI	615
AST ESTIMATES LARVAL HERRING MORTALITY SUBMERSTIDE STUDY HERRING EGG BEDS ECOLOGY OF FISHES LARVAL FISH	273

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

IOLOGY IN SEABIRDS POPULATION & MOVEMENTS OF NEW ENGLAND	HERRING GULLS MANAGEMENT OF MASSACHUSETTS TERNS	194
URSES RESEARCH IN BIRD POPULATIONS - THESIS RESEARCH IN	HERRING GULLS POPULATIONS MARINE SCIENCE LABORAT	292
UNDANCE ETC. LARVA HERRING; MAINE COAST ESTIMATES LARVAL	HERRING MORTALITY SUBMERISIDE STUDY HERRING EGG	273
T ON FISHERIES OF PASSAMAQUODDY BAY DAM INVESTIGATION OF	HERRING RESOURCES IN NEW ENGLAND STUDY OF FUNGUS	615
MARINE FISH POPULATIONS MANAGEMENT OF NORTHWEST ATLANTIC	HERRING STOCKS STATE-DEPEDAL LOBSTER MANAGEMENT	18
NCE AND MORTALITY FIELD EXPERIMENT ABUNDANCE ETC. LARVA	HERRING MAINE COAST ESTIMATES LARVAL HERRING MO	273
EGILL POPULATION WITH SPROLOGICAL METHODS FISH GENETICS	HERTIABILITY OF WEIGHT AND LENGTH IN CHANNEL CAT	574
SMENT AND EVALUATION WATER QUALITY CRITERIA 1972 TELL EL	HESI ARCHEOLOGICAL PROJECT CRITICAL PROBLEMS OF	588
I PRODUCTIVITY OF SUBARCTIC ALASKA TASK FORCE ON SPATIAL	HETEROGENEITY IN AGRICULTURE PLANT BREEDING RE	338
DELINES FOR BEET SUGAR INDUSTRY BIOCHEMICAL GENETICS OF	HETEROISIS PERMANENT GRASSLAND MANAGEMENT FOR HIG	735
ENERGY SOURCES OF AQUATIC	HETEROOTROPHIC BACTERIA	802
TUARINE & COASTAL WATERS PLANKTON ECOLOGY IN THE ESTUARY	HETEROOTROPHY ON THE CONTINENTAL SHELF NEUTRON AC	812
CRIBIAL DEGRADATION OF DDT ENVIRONMENTAL DISTRIBUTION OF	REYACHLOROPHENE PESTICIDES IN THE MARINE ENVIRON	548
TATISTICAL THEORY AND METHODOLOGY TO ECOLOGICAL PROBLEMS	HIBERNAL DISTRIBUTION OF COTTONTAILS IN S. ONTAR	462
ITS ENVIRONMENTAL IMPACT OF GRAND PROJECTS IMPACT ASMAN	HIGH DAM ON EAST MEDITERRANEAN ENV. IMPACT OF SL	252
SSURE ETC.) ON THE NORMAL AND DISPASD ANIMAL EFFECT CE	HIGH ENVIRONMENTAL TEMPERATURE ON DIABECTICS TER	238
RESEARCH IN LIMING FERTILIZERS SOIL FORMATION EFFECTS OF	HIGH MANURE RATES ON SOILS AND CROPS EFFECT OF L	765
HERING GULLS POPULATIONS MARINE SCIENCE LABORATORY PCR	HIGH SCHOOLS ENVIRONMENTAL EDUCATION COURSES - C	292
CANE AGNFS ON CHESAPEAKE BAY BIOLOGY OF THE GONDUCK CLAM	HIGH SEAS PACIFIC SALMON STUDIES BIOLOGY AND M	14
PINE ORGANISMS HEAT EFFECTS IN A MARINE SNAIL EFFECTS OF	HIGH TEMPERATOFBS ON L. LITTOREA DRIFT BOTTLE ST	299
AND VAGULAR AQUATIC PLANTS - MINERAL CYCLING ESTABLISH	HIGH WATER MARK IN RIVERBANK VEGETATION ESTABLIS	306
ABLISH HIGH WATER MARK IN RIVERBANK VEGETATION ESTABLISH	HIGH WATER MARK RIVERBANK VEGETATION CONTROL OF	306
GENETICS OF HETEROISIS PERMANENT GRASSLAND MANAGEMENT FOR	HIGH YIELD PESTICIDES IN THE AQUATIC ENVIRONMENT	735
TM PUMPED STORAGE FACILITY RENSSELAER POLY. INSTITUTE -	HIGHLANDS PROJECT SLEEPY HOLLOW RESIDENTIAL DEVE	168
NONMENTAL PLANNING ENVIRONMENTAL IMPACT ASSESSMENT STUDY	HIGHWAY ATR POLLUTION STUDIES ENVIRONMENTAL POL	6
ITIES EVALUATION OF OYSTER BEDS IN JAMES RIVER EFFECT OF	HIGHWAY CONSTRUCTION ON BOTTOMS EFFECT OF OREDDGI	444
PET OWL ECOLOGY OF THE PINE VOLB REVIFW 104 STATEMENT CN	HIGHWAY I-88 NEW YORK VARIEC RADIO TELMETRY S	227
RTIFICIAL FLOODING WETLAND CLASSIFICATION AND EVALUATION	HIGHWAY IMPACT ON WETLANDS AND WILDLIFE FRESHWA	262
SION LINE CORRIDOR WILDLIFE EVALUATION DRAFT E.I.S. ECR	HIGHWAY WILDLIFE BASELINE DATA FOR POWER PLANT	575
TOES IN STRESS CONDITIONS ENVIRONMENTAL CONSEQUENCES OF	HIGHWAYS ENVIRONMENTAL TOXICOLOGY ESPECIALLY O	539
LDLIFE MANAGEMENT OF UPLAND GAME ANIMALS EFFECTS OF	HIGHWAYS ON WILDLIFE EFFECTS OF STRIP MINES ON N	482
ISLATION FOR CT PEST CONTROL: URBAN VERMIN CONTROL CLAY	HILL VERMIN CONTROL PROJECT GOV. COM/DEVELOP ENV	388
F UPLAND AND BIG GAME ANIMALS GROSS CHANGES OF THE BLACK	HILLS PINE FOREST MOVEMENTS OF PHEASANTS IN SOUT	568
IFICANCE BRANACLE - CEMENT GLANDS - ATTACHMENT MECHANISM	HISTOCHEMISTRY - BARNACLE TISSUES DEVELOPMENT OF	431
TONE POINT CONNECTICOT AREA ECOLOGY OF NEW HAVEN HARECR	HISTOCHEMISTRY OF MUOSUBSTANCES IN CLAM PHYSIO	333
COLOGY OF THE BIRCH LAKE AREA IN MINNESOTA PATHOLOGY AND	HISTOLOGY OF FINGERLING TROUT IN MONTANA ACCELER	365
S CELLULAR & DEVELOPMENTAL BIOLOGY; ELECTRONMICROSCOPY;	RISTOLOGY; EMBRYOLOGY DRUG TOXICITY EFFECTS OF T	426
LD PLANTATION HOUSE RESTORATION & MANAGEMENT MORVEN PARK	HISTORIC HOUSE & CARRIAGE MUSEUM IMPACT STUDY LI	634
TUDY LITTLE KANAWHA R., W. VA. DESIGN AND MANAGEMENT OF	HISTORIC HOUSE MUSEA & SITES SMITH FIELD PLANTAT	634
ARCH NEEDS FOR N.C. FISHERIES ESTUARINE INVENTORY LIFE	HISTORIES OF AND FISHERIES FOR ANADROMOUS FISHES	704
R GROWTH ALEWIFE LAKE ONTARIO OPERATION CLEARWATER LIFE	HISTORIES OF FRESH-WATER FISHES CRANBERRY LAKE W	211
OC RIVER, MD MARINE FISHERIES BIOLOGY; AGE-GROWTH LIFE	HISTORIES; ENVIRONMENTAL IMPACT STATEMENTS ENVIR	48
EMICAL RESIDUES IN LIVESTOCK NATIVE RODENTS IN UTAH LIFE	HISTORY AND ECOLOGY OF BIRDS AND MAMMALS OF UTAH	99
SKILLS, NEW YORK BEAR STUDY ADIRONDACKS BEAR STUDY LIFE	HISTORY AND MANAGEMENT OF BLACK BEAR AND WHITE-T	486
ICAL KNOWLEDGE OF MARINE ALGAE ITS REPRODUCTION AND LIFE	HISTORY FLORISTIC SURVEY OF MOREHEAD CITY PORT	519
ASITES OF MAN AND SMALL MAMMALS AND EXPERIMENTAL NATURAL	HISTORY IN ANIMAL BEHAVIOR PAR	283
T MASS COOP FISHERY UNIT CONNECTICUT RIVER PROJECT LIFE	HISTORY OF ANADROMOUS SPECIES AND OPERATION OF F	226
ION MODELING AQUATIC ECOLOGY AND FISHERIES BIOLOGY LIFE	HISTORY OF DOROSOMA PETENENSE IN ARIZONA POPULAT	376
GING SEX RATIOS LIFE HISTORY OF SKIPJACK TUNA LIFE	HISTORY OF FISHES; SEXUAL MATURITY; FECUNDITY; A	44
EUTROPHICATION OF TUNIS THERMAL EFFECTS UPON EARLY LIFE	HISTORY OF LEPONIS MACROCHIRUS CONTROLLED SPAWNI	176
ISHES; SEXUAL MATURITY; FECUNDITY; AGING SEX RATIOS LIFE	HISTORY OF SKIPJACK TUNA LIFE HISTORY OF F	44
STREAMS WATER QUALITY OF 3 RIVER BASIN IN N.E. MO. LIFE	HISTORY OF THE EMBERALD SHINER IN SO. DAK. WATER	242
EMATICS OF TINAMOUS SYSTEMATICS DISTRIBUTION AND LIFE	HISTORY OF VERTEBRATES ESP. BIRDS AND MAMMALS C	32
INK POPULATION ECOLOGY OF COLO-CLOODFD VERTEBRATES LIFE	HISTORY OF WEHRLES SALAMANDER ECOLOGY OF A POPUL	295
K EXPERT ON NATIONAL PARKS AND WILDLIFE MANAGEMENT LIFE	HISTORI RESEARCH ON WILDLIFE NATIONWIDE OUTDOOR	378
ISHWAY CONSTRUCTION STRIPED BASS AND SMLT FISHERY LIFE	HISTORY STUDIES OF ANADROMOUS FISH OF THE NORTHW	220
RE TOXOPLASMOISIS ACAROLOGY SOIL NITES (ORIBATEI) LIFE	HISTORY STUDIES TAXONOMY SABBATICAL - UNIV. WYS	633
ORK ECOLOGICAL SURVEY OF DEEP LICK INTERPRETING NATURAL	HISTORY STUDY OF BARE AND ENDANGERED ANIMALS ECOS	540
FF HISTORY AND ECOLOGY OF BIRDS AND MAMMALS OF UTAH LIFE	HISTORY ECOLOGY AND MIGRATION OF PELAGIC BIRDS	99
FF HISTORY, ECOLOGY AND MIGRATION OF PELAGIC BIRDS LIFE	HISTORY ECOLOGY OF BIRDS AND MAMMALS AND WILDT	99
T SERVICES HAVE BEEN WITHOUT REMUNERATION BROAD NATURAL	HISTORY ESPECIALLY BIRD MAMMAL AND PLANT ECOLO	210
AM ESTUARINE FISHERIES; POPULATION DYNAMICS; EARLY LIFE	HISTORY; TAXONOMY OF SCIENTIDAE PARKER RIVER ALE	137
ELATED TO PLANT GEOGRAPHY AND PALECOLOGY VEGETATION CE	HOG ISLAND NORTHAMPTON CO. VIRGINIA EVALUATION	310
ICS-ECOLOGY PROGRAM MARINE BIOLOGICAL LABORATORY WOODS	HOLE MASS. SHELL PENETRATION BY ORGANISMS MAL	112
SWAN HIGH DAM ON EAST MEDITERRANEAN ENV. IMPACT OF SLEEP	HOLLOW DEVELOPMENT (2 400 UNITS) (ENV. IMPACT VAN	252
Y RENSSELAER POLY. INSTITUTE - HIGHLANDS PROJECT SLEEPY	HOLLOW RESIDENTIAL DEVELOPMENT BREACKABEEN-BLENH	168
S VESICULOSUS SHALLOW MARINE ECHINODERM BIOLOGY-ECOLOGY	HOLCTHURIANS (COLD WATER-BOREAL) ECOLOGY OF LULU	380
F ORGANISMS UNDER NATURAL CONDITIONS THERMOREGULATION IN	HOMEOETHERMS PHYSIOLOGICAL ECOLOGY OF A WILD BIRD	674
LIFE URBAN WATERPOWL POPULATIONS POPULATION DYNAMICS CE	HOMEOETHERMS ESPECIALLY GAME SPECIES ECOLOGY OF	738
LLOW COASTAL WATERS CARIBBEAN SOCIAL BIOLOGY ECOLOGY OF	HOMICIDE AND SDICIDE ENVIRONMENTAL NEUROBIOLOGY	770
BYLOX ON AQUATIC VERTEBRATES MOVEMENTS OF DWARF SUCKERS;	HOMING MECHANISMS LARVAL FISH ECOLOGY ECOLOGY O	772
APICULTURE;	HONEY BEE BEHAVIOR	514
S OF S. AUREUS MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY I	HOPE TO APPLY THIS TO WATER POLLUTION STUDIES ON	648
MEDICINAL CHEMISTRY CHEMISTRY & BIOCHEMISTRY OF INSECT	HORMONES	57
TEST FOR HEPATITIS ASSOCIATED ANTIGEN ROLE OF	HORMONES IN CANCER ENZYMES IN ACTIVATED SLUDGE	478
HASIS ON OVULATIC AND STEROIDOGENESIS EFFECT OF DRUGS &	HORMONES ON MEIOSIS & OVULATION REPRODUCTIVE EN	667
S REPRODUCTION OF MOSQUITOES REPRODUCTION OF MOSQUITOES	HORMONONHMETIC INSECTICIDES BIONOMICS OF NATURAL	680
TOXICITY EFFECTS OF TRANQUILIZING DRUG ON RATS DOGS &	HORMES CELLULAR & DEVELOPMENTAL BIOLOGY; ELECTR	426
TION OF CLIMATE CROP INTERACTIONS EVAPORATIVE COOLING OF	HORT. CROPS VEGETABLE PLANT POPULATIONS THERMAL	609
PEST MANAGEMENT	HORTICULTURAL AND HEALTH INSECTS	612
EFFECT OF ATR POLLUTANTS CN	HOST DEFENSE MECHANISMS	787
PLANT INSECT CO-EVOLUTION BASED ON CHEMICAL INTERACTIONS	HOST PLANT INSECT COEVOLUTION IN P. POLYXENES PO	208
MULCHES APHID ALARM PHEROME PLANT - INSECT INTERACTIONS	HOST PLANT RESISTANCE TO ARTHROPODS PEST REPPLA	761
VESTER ANTS METHODS IMPROVEMENT - PINK BOLLWORM PROGRAM	HOST-PLANT INSECT CO-EVOLUTION BASED ON CHEMICAL	208
ARASITIC DISEASES ECOLOGY OF ONCHOCERCIASIS IN ETHIOPIA	HOST/PARASITE INTERRELATIONSHIPS IN FILARIOD DIS	567

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ATICS AND ECOLOGY OF FRESHWATER FISH PARASITES AND THEIR	HOSTS BACTERIOLOGICAL TESTING OF CENTRIFUGED APP	725
TION HOUSE RESTORATION & MANAGEMENT MORVEN PARK HISTORIC	HOUSE & CARRIAGE MUSEUM IMPACT STUDY LITTLE KANA	634
ECOLOGY AND CONTROL OF EYE GNATS INTEGRATED CONTROL OF THE	HOUSE PLY INSECT PEST MANAGEMENT BITING FLIES	23
LE KANAWHA R., W. VA. DESIGN AND MANAGEMENT OF HISTORIC	HOUSE MUSEA & SITES SMITH FIELD PLANTATION HOUSE	634
T OF HISTORIC HOUSE MUSEA & SITES SMITH FIELD PLANTATION	HOUSE RESTORATION & MANAGEMENT MORVEN PARK HISTO	634
TLINGS VERTEBRATE PHYSIOLOGICAL ECOLOGY AND POPULATIONS	HOUSE SPARROW ENERGY AND DISTRIBUTION EFFECT	65
NT FLORA AND VEGETATION HACKENSACK MEADOWS VEGETATION OF	HOUSTON NEW TOWN SITE TEXAS WETLAND PLANT DISTR	650
E ADAPTATIONS TO TEMPERATURE EXTREMES ACCLIMATIZATION OF	BS SPARROW TO COLD VERTEBRAT	40
E UNIVERSITY OF CONNECTICUT RESEARCH COLLABORATOR USFS	HUFFERD BROOK SOIL PHYSICS AND PLANT PHYSIOLOGY	249
RESPIRATION TEMPORAL & SPATIAL VARIATION OF ZOO. IN THE	HUDSON ESTUARY DIELDRIN CONC. IN THE TROPHIC LEV	594
OF FISH FROM LAKE ERIE EFFECTS OF THERMAL DISCHARGES CN	HUDSON FISH ESTUARINE FISH BIOLOGY AND ECOLOGY	35
AND ESTUARINE INVERTEBRATES THERMAL DISCHARGE EFFECTS CN	HUDSON RIVER BENTHOS ENVIRON SURVEY AQUATIC INVE	339
DIOACTIVITY POLLUTION CONTROL RADIOACTIVITY MEASUREMENT	HUDSON RIVER ECOLOGY TRACE ELEMENTS IN URBAN ATM	204
UARINE ECOSYSTEMS BENTHOS THERMAL EFFECTS ON BENTHOS	HUDSON RIVER EFFECTS OF OIL FIELD BRINE ON TEXAS	788
TS IN ESTUARIES AND COASTAL WATERS POWER PLANT ECOLOGY -	HUDSON RIVER NEW YORK POWER PLANT ECOLOGY - NEW	729
STUDY OF EFFECTS OF ILLEGAL ABORTION-JAMAICA ECOLOGY OF	HUMAN DISEASES IN POPULATIONS; AT AFFECTED BY SO	352
AL PROJECT STUDY PREHISTORIC	HUMAN ECOLOGY OF US DESERTS REESE RIVER ECOLOGIC	723
OF PUMPED STORAGE SITES REPORT ON BIOLOGICAL PHYSICAL	HUMAN ENVIRONMENTAL IMPACT FACTORS-DEVELOP SOLUTI	193
SOCIAL BEHAVIOR OF VERTEBRATES SOCIAL BEHAVIOR OF MAMMOTS	HUMAN ETHOLOGY	36
DISEASE TRANSMISSION AND VECTOR BIOCONTROL ADAPTATION OF	HUMAN MALARIA TO ANIMAL MODELS MEDICAL ENTOMOLOG	755
ANNUAL RAGWEED POLLEN CENSUS - 4 COMMUNITIES ABSTRACT OF	HUMAN PATHOLOGY MICROSCOPY CLINICAL AND PATHOL	296
INTERACTIONS TERTIARY EFFLUENT MODIFICATION OF A STREAM	HUMAN POPULATION DENSITY VS. ACCELERATED EUTROPH	437
ICAL SCIENCES RELATED TO VETERINARY MEDICINE EVALUATION OF	HUMAN PREGNANCY TEST IN BITCHES SEPARATION OF TH	752
ROTE PRAIRIE PLANT SPECIES PLANTINGS FOR SCHOOL SITES	HUMAN RELATIONSHIPS WITH ENVIRONMENT USING SCHO	121
NO ACID GEOCHEMISTRY OF MARINE SEDIMENTS TRACE METALS IN	HUMAN TISSUES ORGANIC CHEMISTRY OF WATER AND SE	766
ELING HEALTH EFFECTS OF ENERGY POLICY HEALTH EFFECTS ON	HUMANS CAUSED BY ENVIRONMENTAL POLLUTION COMMON	745
OF ORGANIC MATERIAL WATER TREATMENT IN CLOSED ECOSYSTEMS	UMIC SUBSTANCES IN ESTUARIES MARINE MICROBIAL	646
CAL HEMATOLOGY - FACTORS REGULATING BLOOD CELL FORMATION	UMORAL REGULATION OF THROMBOPOIESIS REGULATION	146
EMENT (2 400 UNITS) (ENV. IMPACT VAN PATTEN DEV. SEVERAL	HURDLED UNITS ENVIRONMENTAL IMPACT OF GRAND PRO	252
ATIONS ECONOMIC IMPACT OF ORGANOPHOSPHATE OSHA STANDARDS	HUNTING AND FISHING EXPENDITURE ANALYSIS ENVIRON	231
D ANALYSIS OF BIOLOGICAL DATA EFFECTS OF EARLY SEPTEMBER	HUNTING ON GRAY SQUIRREL POPULATIONS EFFECTS OF	493
IONAL SEWER & WATER PLAN UPDATE LEASFE LAKE RECREATIONAL	HUNTING POTENTIAL LAND USE AND GENERAL WATER RE	670
SEPTEMBER HUNTING ON GRAY SQUIRREL POPULATIONS EFFECTS OF	HUNTING PRESSURE ON RUFFED GROUSE POPULATIONS T	493
ES OF OYSTERS FOULING ORGANISMS IN ESTUARINES-EFFECTS ON	HURRICANE AGNES FLOOD ECOLOGY OF PELAGIC LARVAE	16
ND MANAGEMENT OF COMMERCIAL MOLLUSKS AND FISH EFFECTS OF	HURRICANE AGNES ON CHESAPEAKE BAY BIOLOGY OF THE	14
IL PRODUCTION SOUTH TEXAS RANGE AND WILDLIFE MANAGEMENT	HURRICANE IMPACT ON QUAIL HABITAT HABITAT AND RO	53
DEVELOPMENT TESTING OF INBRED LINES AND	HYBRIDS OF FIELD CORN	357
EMENT OF WARM WATER FISHES NORTHFIELD MT. PUMPED STORAGE	HYDRO-ELC. RES. FISH STUDY RESEARCH & MANAG	377
ICITY OF PESTICIDES TO ESTUE. COPEPODS SCREENING OF SAT.	HYDROCARBON AS POULTRY MITICIDES EVALUATION OF A	394
OIL DEGRADATION IN ECOSYSTEM SALINITY EFFECTS ON USE OF	HYDROCARBONS ELEVATED TEMPERATURE EFFECT ON PETR	549
UNDS IN THE MARINE ENVIRONMENT ADSORPTION OF CHLORINATED	HYDROCARBONS FROM SEAWATER DISTRIBUTION OF CHLOR	309
D HYDROCARBONS FROM SEAWATER DISTRIBUTION OF CHLORINATED	HYDROCARBONS IN ATLANTIC OCEAN METABOLISM OF A H	309
CALIFORNIA CURRENT CHLORINATED	HYDROCARBONS IN MARINE ECOSYSTEM DDT RESIDUES IN	154
N VARIOUS GAS PROJECTS ENVIRONMENTAL IMPACT STATEMENT ON	HYDROELECTRIC PROJECT FUEL ENERGY AIR AND WAT	372
CONNECTICUT RIVER HYDROGRAPHIC STUDY MAINE YANKEE HAMPTON	HYDROGRAPHIC STUDY THE USE OF DYE DIFFUSION SUR	689
PREDICTIVE STUDIES ECOLOGICAL STUDIES CONNECTICUT RIVER	HYDROGRAPHIC STUDY MAINE YANKEE HAMPTON HYDROGRA	689
, NORWALK, CONNECTICUT PHYSICAL OCEANOGRAPHY ESTUARINE	HYDROGRAPHY COASTAL PROCESSES SEDIMENTOLOGY CIR	307
ECOSYSTEMS BIOGEOCHEMISTRY; AQUATIC ECOLOGY NUTRIENT -	HYDROLOGIC INTERACTIONS IN FORESTED WATERSHEDS N	432
HEMICALS ENVIRONMENTAL IMPACT OF DREDGE DISPOSAL STREAM	HYDROLOGIC STUDIES AND MODELS FOR ABATMENT AND	447
E MODIFICATIONS IN REFORESTATIONS OF SURFACE-MINED LANES	HYDROLOGICAL IMPORTANCE OF TRANSPIRATION CONTROL	421
TING SOLUTION POROSITY OF KARST AQUIFERS KARST AND CAVE	HYDROLOGY AND GEOLOGY; WATER POLLUTION ESPECIAL	573
NIC AND SEDIMENT CONTAMINATION OF WATER SEDIMENTATION &	HYDROLOGY STUDY OF UNIVERSITY OF MD SECTOR OF PA	688
E PERSISTENCE OF DICHOLOPHENIL & ENDOTHALL IN POND WATER &	HYDROSOIL INTERACTIONS OF ENVIRONMENTAL POLLUTA	578
RE EFFECTS ON MARINE BACTERIA ACTIVITIES OF MICROBES IN	HYDROSPHERE AND LITHOSPHERE (GEOMICROBIOLOGY) MI	203
-GRADE SULFIDE ORES THE MICROBIOLOGY & MANGANESE NODULES	HYDROSTATIC PRESSURE EFFECTS ON MARINE BACTERIA	203
HERMAL SURVEY LYNN MASS. ECOLOGIC SURVEY EGG HARBOUR NY	HYDROTHERMAL SURVEY ESTUARY CIRCULATION WITH RE	143
CIRCULATION WITH REGARDS TO WASTE DISPOSAL NORTHPORT NY	HYDROTHERMAL SURVEY LYNN MASS. ECOLOGIC SURVEY	143
AIR POLLUTION AND INDUSTRIAL	HYGIENE PAST 30 YEARS	739
ON EXPERIMENTAL PNEUMOCONIOSIS AN EXPERIMENTAL MODEL FOR	HYPERSENSITIVITY PNEUMONITIS IMMUNOLOGY OF CHRO	95
IC LONG DISEASES ESPECIALLY OCCUPATIONAL RELATED DELAYED	HYPERSENSITIVITY TO BERYLLIUM COMPOUNDS THE EFFECT	95
HYPERTROPHY DEVELOPMENT OF MAMMALIAN KIDNEY COMPENSATORY	HYPERTROPHY OF RAT KIDNEY GROWTH COMPENSATORY	593
ENSATORY HYPERTROPHY OF RAT KIDNEY GROWTH COMPENSATORY	HYPERTROPHY DEVELOPMENT OF MAMMALIAN KIDNEY COM	593
OF THE COOPER RIVER ESTUARY ENVIRONMENTAL IMPACT STUDIES	I-IV SOUTH CAROLINA SALT MARSHES SAND DUNES	687
ENTAL STRESS ON SUCCESSIONAL SPECIES PROPOSED ALIGNMENT	I-78 FA. SOUTH LEG FREEWAY NORTHWEST EXPRESSWAY	746
ECOLOGY OF THE PINN VOLE REVIEW 104 STATEMENT ON HIGHWAY	I-88 NEW YORK VARIED RADIO TELEMETRY STUDY OF	227
VIRONMENTAL MANAGEMENT IN COLD REGIONS U.S. TUNDRA BIOME	IBP COLD REGION ECOLOGY AND TERRAIN OIL SPILL AN	82
SURVEYING AND IDENTIFYING FUNGI RESEARCH ASSISTANT	IBP CONIFEROUS FOREST BIOME	641
HISTORY OF ANADROMOUS SPECIES AND OPERATION OF FISHWAYS	ICHTHY ASSOC. CONOWINGO MUDDY RUN PROJECT MASS C	226
SYSTEMATICS AND ZOOGEOG. OF A. CYANEUS GROUP SYSTEMATIC	ICHTHYOLOGY MEDITERRANEAN BIOLOGICAL STUDIES PRO	267
MPETENCE IN: AQUATIC ECOLOGY WITH A STRONG BACKGROUND IN	ICHTHYOLOGY AQUATIC ENTOMOLOGY LIMNOLOGY AND	337
COLOGICAL STUDY PUFFER TOXIN OF SPHEROIDES TESTUDINEUS	ICHTHYOLOGY FISHERY BIOLOGY ENVIRONMENTAL POLL	487
HES S.E. U.S. PREIMPONDMENT SURV. FOMP STORAGE PROJECT	ICHTHYOLOGY:SYSTEMATICS DISTRIBUTION ECOLOGY BEH	369
T ANALYSIS THERMAL POLLUTION AND ENTRAINMENT EFFECTS ON	ICHTHYOPLANKTON THROUGH ADULT FISHES RESEARCH BI	456
PRELIMINARY ENVIRON SURVEY PINE BLUFF ARSENAL, ARKANSAS	IDENTIFY AND EVALUATE ACTUAL AND POTENTIAL SOURC	542
THERMAL POLLUTION AND PHYTOPLANKTON COUNT AND	IDENTIFY MARINE PHYTOPLANKTON	109
OUS FOREST BIOME SURVEYING AND	IDENTIFYING FUNGI RESEARCH ASSISTANT IBP CONIFER	641
EF REHABILITATION BASIC RESEARCH ON ACID SPOILS IN SOUTH	ILL. PRE-PLANNING FOR TOTAL LAND UTILIZATION LA	529
N OF PROGRAMS FOR PREGNANT TEENAGERS STUDY OF EFFECTS OF	ILLEGAL ABORTION-JAMAICA ECOLOGY OF HUMAN DTSEA	352
NTHOS ENVIRON SURVEY AQUATIC INVERTEBRATE EMBARRAS RIVER -	ILLINOIS FRESH WATER AND ESTUARINE INVERTEBRATE	339
ECOLOGICAL SIGNIFICANCE DYNAMICS OF FORESTS IN CENTRAL	ILLINOIS PLANT COMMUNITY DYNAMICS INCLUDING SOI	250
ISEASES SCHISTOSOMIASIS SNAIL CONTROL PARASITES OF FISH	IMMUNITY TO PARASITES SHELLFISH DISEASES MOLLU	123
OWTH STIMULATION OF INHIBITION BY METABOLIC BY-PRODUCTS	IMMUNOELECTROPHORESIS RESISTANT CANDIDA ALBICANS	605
HENINGITIS VIRUS RESEARCH EFFECT OF LEAD IN ONCOGENESIS	IMMUNOLOGY AND PATHOLOGY OF ANIMAL VIRUS DISEAS	397
AN EXPERIMENTAL MODEL FOR HYPERSENSITIVITY PNEUMONITIS	IMMUNOLOGY OF CHRONIC LUNG DISEASES ESPECIALLY O	95
PATHOLOGY EMPHASIS ON DISEASES OF FISH MARINE PATHOLOGY	IMMUNOLOGY OF PISCINE VIBRIOSIS COMPARATIVE	796

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

SEAS	MALACCOLOGY ANATOMY IMMUNOLOGY SYSTEMATICS MEXONG WATER BORNE DISEA	173
NATIONAL TIMBER PRODUCTION - INCREASE AND IMPACT		659
STANDARDS HUNTING AND FISHING EXPENDITURE ANALYSIS ENVIRONC	IMPACT - TERRESTRIAL ECOL - WASTEWATER DISP. RES	231
D PHYSICAL PROCESSES ARTIC OIL EXPLORATION ENVIRONMENTAL	IMPACT ANAL. REGIONAL SOLID WASTE MANAGEMENT JAM	776
PLANT COMMUNITY ANALYSIS - ENVIRONMENTAL	IMPACT ANALYSIS	249
ENVIRONMENTAL IMPACTS, STANNAARDS RESERVOIR ENVIRONMENTAL	IMPACT ANALYSIS AND IMPACT STATEMENT PREPARATION	585
R BASIN WASTE MANAGEMENT PLAN ENVIRONMENTAL ENGINEERING	IMPACT ANALYSIS CHEMICAL AND PHYSICAL PROCESSES	776
TON ROADS BREIDGE AND FILL PINE KNCLL SHORES ROGOF BANKS	IMPACT ANALYSIS DECIDUOUS FOREST BIOME NATURAL S	198
HED MAYNE COASTAL WETLANDS GROUNDWTH DENNIS AND TRURC	IMPACT AND DEPENDENCE OF MAN ON ECOSYSTEMS OF BO	516
A CAPES ARTIFICIAL REEPS GREAT LAKES WATER LEVELS STUDY	IMPACT ASSESSMENT OF WATER RESOURCES PROJECTS ON	625
RESOURCES MANAGEMENT ENVIRONMENTAL PLANNING ENVIRONMENTAL	IMPACT ASSESSMENT STUDY HIGHWAY AIR POLLUTION ST	6
F THERMAL DISCHARGE ON ALGAL PRODUCTIVITY ENVIRONMENTAL	IMPACT ASSESSMENT ESPECIALLY IN THE FIELD OF PO	287
AL HUNDRED UNITS ENVIRONMENTAL IMPACT OF GRAND PROJECTS	IMPACT ASWAN HIGH DAM ON EAST MEDITERRANEAN ENV.	252
ENVIRONMENTAL PLAN TRINITY RIVER BASIN TEXAS ENVIRONMENTAL	IMPACT BROOKHAVEN LANDFILLS NEW YORK ENVIRONMEN	792
SPECIALLY ANIMAL BEHAVIOR POPULATION BIOLOGY PREDATION	IMPACT EVALUATION IMPACT EVALUATION OF NUCLEAR P	225
BEHAVIOR POPULATION BIOLOGY PREDATION IMPACT EVALUATION	IMPACT EVALUATION OF NUCLEAR FACILITY ECOLOGY AN	193
ITES REPORT ON BIOLOGICAL PHYSICAL HUMAN ENVIRONMENTAL	IMPACT FACTORS-DEVISE SOLUTIONS A COMPARATIVE EN	193
NMENTAL FIELD STUDIES DREDGING THAMES RIVER CT BLASTING	IMPACT MARINE COVE INLAND WETLANDS BILL ORGANIZ	80
ROPHOGENIC ECOLOGY OF SOUTHWESTERN RESERVOIRS ECOLOGICAL	IMPACT OF AUBAY RESERVOIR ECOLOGICAL SURVEY OF W	469
LUTION HAZARDOUS SPILLS OF TOXIC CHEMICALS ENVIRONMENTAL	IMPACT OF DREDGE DISPOSAL STREAM HYDROLOGIC STU	447
PHASIZING COMMUNITY STRUCTURE AND DYNAMICS ENVIRONMENTAL	IMPACT OF DREDGING DUMPING NEW HAVEN HARBOR C	174
MS LARVAL FISH ECOLOGY ECOLOGY OF LIMNETIC BLUEGILL FRY	IMPACT OF DYLOX ON AQUATIC VERTEBRATES MOVEMENTS	772
PHYSIOLOGICAL AND POPULATION RELATIONSHIPS ENVIRONMENTAL	IMPACT OF ELECTRICAL TRANSMISSION CONTROL OF BIR	101
Y WILD TURKEY FOOD HABITS WILD TURKEY INTERNAL PARASITES	IMPACT OF FORESTRY OPERATIONS ON WILDLIFE WILD	125
ES BIOLOGICAL SURVEY OF SALEM CHURCH DAM SITE BIOLOGICAL	IMPACT OF GATHRIGHT DAM SITE LOCATION FOR HAMPTO	62
ACT VAN PATTEN DEV. SEVERAL HUNDRED UNITS ENVIRONMENTAL	IMPACT OF GRAND PROJECTS IMPACT ASWAN HIGH DAM O	252
WILDLIFE ECOLOGY POPULATION STUDIES FOREST SMALL MAMMAIS	IMPACT OF MAN ON APPALACIAN ECOSYSTEM ECOLOGY O	662
EMERALD SHINER IN SO. DAK. WATER QUALITY INVESTIGATIONS	IMPACT OF MINING ON OZARK HEADWATER STREAMS WATE	242
SKS CINEMATOGRAPHIC STUDIES OF FOULING LARVAE ECOLOGICAL	IMPACT OF NUCLEAR PLANT N.H. COAST BIOLOGY OF	162
LANKTON-FISH INTERACTIONS IN PONDS CONSULTATION; ANALYZE	IMPACT OF NUCLEAR POWER PLANT RESEARCH: POPULATI	353
ASSESSMENT OF ENVIRONMENTAL IMPACTS IN AQUATIC ECOSYSTEMS	IMPACT OF OIL SUPERTANKERS ON WACHIAS BAY MAINE	497
LLY WATER AND FISHERIES BIOLOGICAL IMPLICATIONS ECONOMIC	IMPACT OF ORGANOPHOSPHATE OSHA STANDARDS HUNTING	231
ICAL IMPACT OF POLLUTANTS AND PEST MANAGEMENT ECOLOGICAL	IMPACT OF PESTICIDES ECOLOGICAL EFFECTS OF PESTI	552
ALYSIS OF AGRICULTURAL CHEMICALS IN CROPS ENVIRONMENTAL	IMPACT OF PESTICIDES IN FOREST AND AGRICULTURAL	786
N AS IT RELATES TO ATR WATER AND LAND QUALITY BIOLOGICAL	IMPACT OF PESTICIDES PUGET SOUND WATER QUALITY E	652
LOGY AND GENETICS; PEST POPULATION MANAGEMENT ECOLOGICAL	IMPACT OF POLLUTANTS AND PEST MANAGEMENT ECOLOGI	552
Y BOTH IN LAB AND FIELD GROWTH IN THREE SPECIES OF HAWKS	IMPACT OF RAPTORIAL BIRDS ON GRASSLANDS POPULATI	523
SILICA CYCLE - NEW ENGLAND HARDWATER LAKE ENVIRONMENTAL	IMPACT OF ROWLESBURG DAM ON CHEAT RIVER POPULATI	673
PROJECTS IMPACT ASWAN HIGH DAM ON EAST MEDITERRANEAN ENV.	IMPACT OF SLEEP HOLLOW DEVELOPMENT (2 400 UNITS)	252
NEWBORN BATS ENVIRONMENTAL PHYSIOLOGY OF MARINE ANIMALS	IMPACT OF TROPICAL STORM AGNES ON DELAWARE ESTUA	717
EVALUATION OF	IMPACT OF WATER DEVELOPMENT ON NATURAL SYSTEMS	314
SOD PLANT CROPS RESEARCH OF AGRICULTURAL CHEMICALS AND	IMPACT ON ENVIRONMENT USE OF CHEMICALS ON RANGEL	68
ANALYZE SYSTEMATIZE STUDY FACTS TO ASSESS ENVIRONMENTAL	IMPACT ON LAND - WILDLIFE RESOURCES THE TERRESTR	169
ION SOUTH TEXAS RANGE AND WILDLIFE MANAGEMENT HURRICANE	IMPACT ON QUAIL HABITAT HABITAT AND BOBWHITE QUA	153
N; MANS IMPACT; AND LAND USE PLANNING TRANSPORT FACILITY	IMPACT ON SOIL AND WATERSHED SOIL EVALUATION - W	57
MAN'S	IMPACT ON THE ALPINE ECOSYSTEM	428
I FLOODING WETLAND CLASSIFICATION AND EVALUATION HIGHWAY	IMPACT ON WETLANDS AND WILDLIFE FRESHWATER WETL	262
TION RESOURCE ANALYSIS PLANNING E MANAGEMENT RECREATION	IMPACT ON WILDLIFE RESOURCE MANAGEMENT PLANS RE	643
IC BIOSYNTHESIS AND ACTIONS OF ANTIBIOTICS ENVIRONMENTAL	IMPACT PANEL ANTIBIOTIC ACTION ANTIBIOTIC DEVELO	77
AND REGULATION OF ANTIBIOTIC BIOSYNTHESIS ENVIRONMENTAL	IMPACT PANEL ANTIBIOTIC BIOSYNTHESIS ACTION OF	76
GRAPHY AND METEOROLOGY ACOUSTICS PLANNING ENVIRONMENTAL	IMPACT PREDICTION FACILITY WAVE PREDICTION FOR S	559
TERRESTRIAL IMPACT SURVEY REVIEW OF TRANSALASKA OIL PIPE	IMPACT REP. ARCTIC MAMMAL PHYSIOLOGY RESEARCH P	327
COMMUNITY ANALYSIS; ALGOLGY (FRESH WATER) ENVIRONMENTAL	IMPACT STATEMENT - NUCLEAR POWER BIATOM COMMUNIT	347
ER PLANT ECOLOGY - NEW HAVEN HARBOR CONN. ENVIRONMENTAL	IMPACT STATEMENT - THAMES RIVER CONN. EVALUATI	729
NMENTAL INFLUENCES ON BEHAVIOR SPECIATION; ENVIRONMENTAL	IMPACT STATEMENT DEVELOPMENT ARMY CORPS WATER WA	270
RECYCLING CONVERSION OF WASTE TO FUEL GAS ENVIRONMENTAL	IMPACT STATEMENT DVC LIG. DOT. RESOURCE	27
IMPACT STATEMENTS ON VARIOUS GAS PROJECTS ENVIRONMENTAL	IMPACT STATEMENT ON HYDROELECTRIC PROJECT FUEL	372
INAFY SCIENCE AND ECOLOGY DEGREE CANDIDATE ENVIRONMENTAL	IMPACT STATEMENT PREPARATION PEREGRINE FALCON PO	754
, STANNAARDS RESERVOIR ENVIRONMENTAL IMPACT ANALYSIS AND	IMPACT STATEMENT PREPARATION UNDER NEPA PHYSIOLO	585
HISTORIES; ENVIRONMENTAL IMPACT STATEMENTS ENVIRONMENTAL	IMPACT STATEMENT WYOMING VALLEY SUSQUEHANA RIV	48
EPHES BIOLOGY; AGE-GROWTH LIFE HISTORIES; ENVIRONMENTAL	IMPACT STATEMENTS ENVIRONMENTAL IMPACT STATEMENT	48
OF A POP. OF SORTELLE CLAMS IPSWICH MA ENVIRONMENTAL	IMPACT STATEMENTS MERCURY IN SEDIMENTS ESTUARIN	496
TER POLLUTION CONTROL SOLVENT REFINED COAL ENVIRONMENTAL	IMPACT STATEMENTS ON VARIOUS GAS PROJECTS ENVIRO	372
AND REQUIREMENTS PLAN WILLOW ISLAND LOCKS AND DAM - ENV.	IMPACT STATEMENT ENVIRONMENTAL ANALYSIS OF SALT C	407
COLOGY; TROPICS; SOIL-PLANT RELATIONSHIPS; ENVIRONMENTAL	IMPACT STUDIES JORNAS/WORLD BANK PARAGUAY/BRAZIL	265
ND THE MARSHES OF THE COOPER RIVER ESTUARY ENVIRONMENTAL	IMPACT STUDIES I-IV SOUTH CAROLINA SALT MARSH	687
NOCK RIVER WETLANDS IMPACT STUDY PHYTOPLANKTON ECOLOGY	IMPACT STUDIES ON COASTAL AND ESTUARINE BIOTA CR	459
BATEMENT STUDY NATURAL RESOURCE MANAGEMENT ENVIRONMENTAL	IMPACT STUDY ENVIRONMENTAL MANAGEMENT AND POLLU	747
ND FLORAL GENUS AND IMPACT RAPPANNOCK RIVER WETLANDS	IMPACT STUDY PHYTOPLANKTON ECOLOGY IMPACT STHD	459
PLANTS ECOLOGICAL ASSESSMENT OF POWER PLANT OIL SPILL	IMPACT STUDY COMPUTERIZATION OF SEWAGE TREATMENT	153
MANAGEMENT MORVEN PARK HISTORIC HOUSE & CARRIAGE MUSEUM	IMPACT STUDY LITTLE KANAWHA R. W. VA. DEISGN A	634
TING MODELS FOR ANTARCTIC FRESHWATER LAKES ENVIRONMENTAL	IMPACT STUDY; ALGAL AND BACTERIAL ECOLOGY INVEST	532
AND COLD CONDITIONS NUCLEAR POWER PLANT SITE TERRESTRIAL	IMPACT SURVEY REVIEW OF TRANSALASKA OIL PIPE IMP	327
VTAL IMPACT BROOKHAVEN LANDFILLS NEW YORK ENVIRONMENTAL	IMPACT TINS RESERVOIR TEXAS ENVIRONMENTAL PLAN	792
V. IMPACT OF SLEEP HOLLOW DEVELOPMENT (2 400 UNITS) ENV.	IMPACT VAN PATTEN DEV. SEVERAL HUNDRED UNITS EN	252
ISLAND ENVIRONMENTAL STUDY FAUNAL AND FLORAL GENUS AND	IMPACT RAPPANNOCK RIVER WETLANDS IMPACT STUDY	459
SAN FRANCISCO VALLEY N.W. WESTERN N.W. POWERLINE ROUTE	IMPACT TUCSON GAS & ELECTRIC STUDIES IN GILA VA	345
YORK SOIL SCIENCE APPLIED TO TREE WATER RELATION; MANS	IMPACT; AND LAND USE PLANNING TRANSPORT FACILITY	157
QUALITY MONITORING SYSTEMS ASSESSMENT OF ENVIRONMENTAL	IMPACTS IN AQUATIC ECOSYSTEMS IMPACT OF OIL SUPE	497
TATEMENT - THAMES RIVER, CONN. EVALUATING ENVIRONMENTAL	IMPACTS IN ESTUARIES AND COASTAL WATERS POWER PL	729
PLANNING POLLUTION INVESTIGATION ETSHTRAP LAKE KENTUCKY	IMPACTS OF DEVELOPMENT ON NATURAL RESOURCES NAT	509
NSPECTS CHIEF OF FOREST INSECT RESEARCH US FOREST SERVICE	IMPACTS OF INSECTS ON FOREST ECOSYSTEMS POPULATI	759
DATIC SYSTEMS AND BIOLOGICAL RELATIONSHIPS ENVIRONMENTAL	IMPACTS STATEMENT RESEARCH STUDY PROPOSAL CHLOTR	117
NAL PARK EASTERN HEMLOCK IN DECIDUOUS FORESTS MANAGEMENT	IMPACTS UPON CONNECTICUT RIVER ECOLOGICAL MODEL	392
YSIOLOGICAL ECOLOGY PLANT-WATER RELATIONS ENVIRONMENTAL	IMPACTS PRESQUE ISLE BEACH EROSION ENVIRONMENTA	585

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

MENTAL IMPACTS PRESQUE ISLE BEACH EROSION ENVIRONMENTAL	IMPACTS STANNARDS RESERVOIR ENVIRONMENTAL IMPA	585
S EDITORIAL CONSULTANT ENVIRONMENTAL ADVISOR ECOLOGICAL	IMPLICATION OF BROAD SPECTRUM PESTICIDES AND/OR	488
RODDCED INSECT PESTS (BIOLOGICAL CONTROL) SEARCH FOR AND	IMPCRTATION OF PARASITES OF ALPALFA WEEVIL FROM	200
ITES OF ALPAPFA WEEVIL FROM EUROPE TO USA SEARCH FOR AND	IMPCRTATION OF PARASITES OF OVLEMA MELANOPUS PRO	200
TEBRATES ESP. BIRDS AND MAMMALS COMPILATION OF WILDLIFE	IMPORTED IN US SYSTEMATICS OF ENDANGERED SPECIES	32
HUYLKILL RIVER BASIN AQUACULTURE IN LOUISIANA SALT-MARSH	IMPOUNDMENT SHELLFISH HATCHERY IN CHESAPEAKE BAY	597
AND THE DELAWARE ESTUARY MODEL BASELINE STUDY OF TWC NEW	IMPCUNDMENTS IN PA. MATHEMATICAL MODELING AND M	257
ECOLOGY WETLANDS ECOLOGY ECOLOGY MARSHLANDS AND COASTAL	IMPCUNDMENTS OPEN MARSH WATER MANAGEMENT WETLAND	216
FISHERIES MANAGEMENT DETERMINE WAYS TO	IMPROVE HABITAT FOR RESERVOIR FISHERIES	266
ES & CROMBY STEFAN ELECTRIC STATIONS GREATEST COMPETENCE	IN: AQUATIC ECOLOGY WITH A STRONG BACKGROUND IN	337
DEVELOPMENT TESTING OF	INBRED LINES AND HYBRIDS OF FIELD CORN	357
AGRI-BUSINESS MANAGEMENT THE AGRIBUSINESS COUNCIL	INC.	105
ORNEY'S OFFICE SO. DIST. NEW YORK CONSULTANT - ECOLOGY	INC. POLLUTION - AQUATIC SOLID WASTES (COMPOST	107
POLLUTION PLASTICS STUDIES ON SOLID WASTE DISPOSAL AND	INCINERATOR COMPOSITION SOLID WASTE DISPOSAL AIR	45
CONTROL OF CLOSED ENVIRONMENTS & PLANT EFFLUENTS DESIGN	INCINERATOR FOR BIO AGENTS WASTE MANAGEMENT SYST	402
ATE ECOLOGY EVOLUTIONARY BIOLOGY AND BEHAVIOR ARTIFICIAL	INCUBATION OF SPARROW HAWK EGGS ECOLOGY OF AFRIC	665
AND INTERPRETATIONS FOR SOIL SURVEY AUTOMATING SOIL-SITE	INDEX FOR DATA BANKS CORRELATION BETWEEN SOILS	427
WOODLANDS AND RELATED USES GATHERING STANDARD SOIL-SITE	INDEX NATIONWIDE SOIL-WOODLAND INTERPRETATIONS F	427
RESEARCH ASSOCIATE RESEARCH OFFICER - PUNJAB AGRIC. UNIV.	INDIA RESEARCH ALIKALI BEE MANAGEMENT ECOLOGY -	43
ON ECOLOGY LIFE DETECTION ON OTHER PLANETS CONSULTANT TO	INDIAN INSTITUTE IN MICROBIOLOGY MICROBIAL ECOL	566
S OF MASSACHUSETTS COASTAL ISLANDS VERTEBRATE REMAINS IN	INDIAN MIDDENS AVIAN POPULATIONS IN OLD FIELD SU	758
OGY AND PALEOECOLOGY ECOLOGY & PALEOECOLOGY FORAMINIFERA	INDIAN OCEAN FORAMINIFERA PALAEOENVIRONMENTAL INTE	355
MICROBIAL RESEARCH AS IT PERTAINS TO	INDICATOR ORGANISMS OF ENVIRONMENTAL POLLUTION	361
FISHES AMPHIBIANS AND REPTILES AMPHIBIANS AS POLLUTION	INDICATORS ADAPTATIONS OF REPTILE BLOOD ENVIRON	561
DISTRIBUTION ABUNDANCE RARITY ECOLOGICAL STUDIES WILDLIFE	INDICATORS OF ENVIRONMENT TRENDS NATURAL AREA SU	368
PARATION PEREGRINE FALCON POPULATION RESEARCH TURTLES AS	INDICATORS OF ENVIRONMENTAL STRESS VETERINARY S	754
TY CENTER FOR UNMOTIVATED ADOLESCENTS SYSTEM ANALYSIS OF	INDIVIDUAL PATIENT CARE INTERACTIONAL PROPERTIES	120
OF INDIVIDUAL PATIENT CARE INTERACTIONAL PROPERTIES OF	INDIVIDUALS THEIR MUTUAL AND ENVIRONMENTAL INTE	120
PHYTOCHEMISTRY ORGANIC COMPOUNDS IN A PENNSYLVANIA STREAM	INDOLE ALKALOID BIOSYNTHESIS PIGMENTS OF CENTROS	417
SEARCH - NE HARDWOODS PLANNING FOREST ECOLOGY RESEARCH -	INDONESIA PLANNING FOREST SOILS RESEARCH SOIL-F	699
Y COAGULANTS FOR RAW WATER CLARIFICATION FLOCCULANTS FOR	INDUSTRIAL AND MUNICIPAL SEWAGE SLUDGES CORROSION	794
DUCTION ACID MINE DRAINAGE STREAM BIOLOGICAL EFFECTS OF	INDUSTRIAL COMPLEXES ON THE KANAWHA RIVER USE OF	282
SAY AND IN STREAM EFFECTS OF CHEMICAL WASTES EFFECTS OF	INDUSTRIAL DISCHARGES UPON BENTHOS ALGAE AND FIS	8
UCLEAR SITING STUDY, MISSOURI RIVER ECOLOGY THERMAL AND	INDUSTRIAL EFFLUENT EFFECTS UPON AQUATIC ECOSYST	98
AIR POLLUTION AND	INDUSTRIAL HYGIENE PAST 30 YEARS	739
MENT - ALUMINUM ANODIZING TEXTILE WASTE TREATMENT SYSTEM	INDUSTRIAL LAUNDRY WASTE TREATMENT SYSTEM PROCE	607
TION EVALUATION/SLOW RELEASE PESTICIDES AS NEW COMMERCE	INDUSTRIAL NEW PRODUCT EVALUATION/KNOWLEDGE OF S	156
S CLASSIFICATION MORPHOLOGY AND LAND USE THE EFFECT OF	INDUSTRIAL ORGANIC WASTES ON THE PHYSICAL AND CH	803
DRAL RESOURCES - SOCIAL ECONOMIC ENVIRONMENTAL INSTIT	INDUSTRIAL POLLUTION ABATEMENT COSTS CONNECTICU	471
Y WASTE TREATMENT SYSTEM PROCESS ENGINEERING RELATED TO	INDUSTRIAL POLLUTION CONTROL INDUSTRIAL WASTE TR	607
CAL-MICROBIOLOGICAL ENVIRONMENTAL TECHNOLOGY RELATIVE TO	INDUSTRIAL PROCESSES PULP AND PAPER INDUSTRY CHE	731
LYTES FOR POLLUTION CONTROL RAW WATER CLARIFICATION AND	INDUSTRIAL PROCESSING PRIMARY COAGULANTS FOR RAW	794
HER CHEMICAL APPLICATIONS ENVIRONMENTAL EDUCATION	INDUSTRIAL RELATIONS ANALYSIS OF POLLUTANTS & OT	515
CESS ENGINEERING RELATED TO INDUSTRIAL POLLUTION CONTROL	INDUSTRIAL WASTE TREATMENT - ALUMINUM ANODIZING	607
STAL ZONE MGT. IN CHESAPEAKE BAY WETLANDS ON LONG ISLAND	INDUSTRIAL WASTES PROBLEM ANALYSIS AND MANAGEME	811
E AQUATIC ENVIRONMENT EFFLUENT GUIDELINES FOR BEET SUGAR	INDUSTRY BIOCHEMICAL GENETICS OF HETEROSIS PERM	735
CHNOLOGY RELATIVE TO INDUSTRIAL PROCESSES PULP AND PAPER	INDUSTRY CHEMICAL ENVIRONMENTAL PROBLEMS MARKETI	731
OUTRY MITICIDES EVALUATION OF ANTIMALARIAL COMPOUNDS IN	INF. MONKEYS ACUTE TOXICITY OF PESTICIDES TO ES	394
INE BENTHIC ECOLOGY EFFECT OF HEATED EFFLUENT ON BENTHIC	INPAUNA ESTUAR	742
CTION STRUCTURE FUNCTION AND PRODUCTIVITY OF BENTHIC	INFAUNA AND PLANKTONIC PRIMARY PRODUCTION AND MI	300
BACTERIA CLOSTRIDIA INFECTIONS; PHAGOCYTOSIS CLOSTRIDIA	INFECTIONS AND PHAGOCYTOSIS STEROID METABOLISM R	708
IA HOST/PARASITE INTERRELATIONSHIPS IN FILARID DISEASE	INFECTIONS PATHOLOGY OF PARASITIC DISEASES ECOLO	567
PHAGOCYTOSIS STEROID METABOLISM BY BACTERIA CLOSTRIDIA	INFECTIONS; PHAGOCYTOSIS CLOSTRIDIA INFECTIONS A	708
RIVER ECOLOGY AQUATIC ECOLOGY; ENVIRONMENTAL POLLUTION	INFECTIOUS DISEASES THERMAL EFFECTS ON AQUATIC O	414
OTENS CHLORINATED ORGANICS FROM WASTEWATER DISINFECTION	INFECTIOUS HEPATITIS AND WATER QUALITY MERCURY A	161
RESPONSE TO PEEBLOT RUNOFF EFFLUENT EVALUATION OF RAPID	INFILTRATION BEDS WASTEWATER STUDIES FOR MERRIMA	610
S APPL. EGG TRANSFER IN INDUCTION TWINS IN CATTLE ECOL.	INFL. HEALTH REPROD. WILDLIFE IN S.P. FOREST HAB	614
ENVIRONMENTAL EDUCATION ANIMAL ECOLOGY - ENVIRONMENTAL	INFLUENCES ON BEHAVIOR SPECIATION; ENVIRONMENTAL	270
GINIA JAMES ESTUARY BENTHOS; SEDIMENT SIZE AND CHEMISTRY	INFLUENCES THEREON NUTRIENT TRANSPORT IN OLIGOHA	332
CHEMICAL/PHYSICAL PROPERTIES OF ANNUAL PLANT FIBERS THE	INFLUENCE OF THE PHYSICAL ENVIRONMENT ON THE CH	160
MENTS WRITING NEPA STATEMENT - REVIEW OF NEPA STATEMENTS	INFORMAL CONSULTATION LIMNOLOGY - STREAM SYSTEM	527
NOGRAPHY DIGITAL COMPUTER SYSTEMS ANALYSIS OF TECHNICAL	INFORMATION AND STATISTICS DEMOGRAPHIC STUDIES O	425
EDUCATION WITH EMPHASIS ON POPULATION EDUCATION AND (2)	INFORMATION PROCESSING POPULATION ASPECTS OF ENV	19
TAXONOMY FLORA NORTH AMERICAN PROGRAM	INFORMATION RETRIEVAL APPLIED TO FLORISTICS AND	642
RINE PLANKTONIC ALGAE. AT PRESENT I AM AN ENVIRONMENTAL	INFORMATION SPECIALIST MA	778
ES AS THEY BEAR UPON THE ENVIRONMENT EFFLUENT MANAGEMENT	INFORMATION SYSTEM DEVELOPMENT REFINEMENT APPL	268
. REPTS. INFORMATION SYSTEMS DESIGN DEAPNESS SCIENTIFIC	INFORMATION SYSTEMS AND SERVICES; MATERIALS DEF	774
PREVENTION INFORMATION SYSTEMS DESIGN CANCER RES. REPTS.	INFORMATION SYSTEMS DESIGN DEAPNESS SCIENTIFIC	774
SYSTEMS AND SERVICES; MATERIALS DETERIORATION PREVENTION	INFORMATION SYSTEMS DESIGN CANCER RES. REPTS. IN	774
AQUATIC COMMUNITY RESPONSE TO POLLUTION RAPID BIOLOGICA	INFORMATION SYSTEMS RECOVERY OF DAMAGED RIVERS P	103
M. EFFECT OF RADIATION ON MENTAL FUNCTION EFFECT OF LEAD	INGESTION ON MENTAL FUNCTION BIOMEDICAL RESEARC	241
K POPULATIONS MAST PRODUCTION IN NW PENNSYLVANIA FORESTS	INGESTION RATES OF CHIPMUNK POPULATIONS POPULAT	276
KE MICHIGAN ELEMENTS ECOLOGY OF AQUATIC HABITATS THEIR	INHABITANTS AND THEIR MANAGEMENT PREDICTIVE MOD	21
UATION OF PESTICIDE RESIDUES IN FORESTRY ECOLOGY OF WOOD	INHABITING INSECTS ECOLOGY OF FOREST TREE AND	647
SKIN ENVIRONMENTAL PHYSIOLOGY PHYSIOLOGICAL EFFECTS OF	INHALED AMYL NITRITE EFFECTS OF OXYLAMINE ON SKI	164
AL DISEASE INCLUDING TOXICOLOGIC DISEASE OXYGEN TOXICITY	INHALED GASEOUS IRRITANTS BERYLLIUM TOXICITY DI	590
NG DEFECTS OF DEVELOPMENT - ENVIRONMENTALLY INDUCED AND	INHIBITED SELECTED RESPONSE TO A TERATOGEN IN MI	49
YEAST CELLS IN GRADIENT ACRYLAMIDE GROWTH STIMULATION OR	INHIBITION BY METABOLIC BY-PRODUCTS IMMUNELECT	605
INENTARY MICROBIOLOGY AND BIOCHEMISTRY PROTEIN SYNTHESIS	INHIBITION BY POLLUTANTS ORGANIC NITROGEN CYCLE	435
AQUATIC MICROORGANISMS COPPER TOLERANCE IN ALGAE PONGUS	INHIBITION BY WOOD EXTRACTS FUNGUS INVASION OF W	594
ECOSYSTEMS URBAN METAL POLLUTION OF PLANTS AIR POLLUTION	INHIBITION OF PHOTOSYNTHESIS ROOT EXUDATES AND E	664
ION" BIOLOGY OF HELMINTHOSPORIUM MAYDIS RACE T SELECTIVE	INHIBITION OF SPORULATION MEASURES OF CONTROLLI	442
IC SYNTHESIS AND BIOCHEMISTRY APPLIED TO CANCER RESEARCH	INHIBITION OF TWO-STAGE CARCINOGENESIS IN MOUSE	632
RESIDUES OF VIRGINIAMYCIN IN SWINE RESIDUES OF A METHAKE	INHIBITOR IN CATTLE TOXICOLOGY STUDIES ON VIRGIN	185
ASSAY OF WATER POLLUTANTS ELECTRON MICROSCOPY OF VIRUSES	INHIBITOR OF RNA SYNTHESIS MAMMALIAN CELL CULTU	219

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

INDUSTRIAL AND MUNICIPAL SEWAGE SLUDGES CORROSION AND SCALE GROWTH REGULATORS - PARTICULARLY AUXINS AND CYTOKININS	794
ES OPENING THAMES RIVER CT BLASTING IMPACT MARINE COVE	715
CRODENTOWN NJ NJ MARINE ECOLOGICAL STUDY NEAR LITTLE EGG	80
XICITY IN ALASKAN WATERS BIOLOGICAL PRODUCTIVITY IN COCK	457
METHANE PRODUCTION - ANAEROBIC DIGESTION EFFECTS OF PH	507
EMISTRY MARINE AND ATMOSPHERIC CHEMISTRY INTERACTION OF	386
ENTS BORON REQUIREMENT AND METABOLISM OF PLANTS	460
D GEOLOGY; WATER POLLUTION ESPECIALLY MINE DRAINAGE AND	128
MENTS ORGANIC GEOCHEMISTRY AND OIL POLLUTION PROBLEMS	573
. UNIV. INDIA RESEARCH ALKALI BEE MANAGEMENT ECOLOGY -	213
ULATION DYNAMICS OF INSECTS ECOLOGY OF CROPS TROPICAL	43
METHODS IMPROVEMENT - PINK BOLLWORM PROGRAM HOST-PLANT	595
T CO-EVOLUTION BASED ON CHEMICAL INTERACTIONS HOST PLANT	208
MANIP HERBICIDES ON INSECT PESTS COMPARATIVE BIOCHEMISTRY	208
T ECOLOGY CULEX SPP. DIAPAUSE & GEOGRAPHIC DISTRIBUTION	316
MANIP HERBICIDES ON INSECT PEST COMPARATIVE BIOCHEMISTRY	373
ECT POPULATIONS WITHIN AGRICULTURAL OR FOREST ECOSYSTEMS	315
BIOLOGICAL CONTROL OF INSECTS AND	334
PAUSE AND PHENOLOGY ESPECIALLY PARASITIC INSECTS CARRION	464
ORGANS NEUROPHYSIOLOGY AND ANIMAL BEHAVIOR MECHANISMS OF	INSECT
ECOLOGY OF INSECTS EFFECTS ATMOSPHERIC LEAD POLLUTION ON	INSECT
MEDICINAL CHEMISTRY CHEMISTRY & BIOCHEMISTRY OF	INSECT
ANCE BY REFLECTIVE MULCHES APHID ALARM PHEROME PLANT -	INSECT
EMENT ECOLOGY - INSECT AND ANIMAL BEHAVIOR SYMBIOSIS	INSECT
INSECT PHOTO-PERIODIC-RESPONSE--PHOTO MANIP HERBICIDES ON	INSECT
ESTICIDE CONSULTANT - CENTRAL AMERICA - PANAMA & MEXICO	INSECT
CONTROL OF BEE GNATS INTEGRATED CONTROL OF THE HOUSE FLY	INSECT
INSECT PHOTOPERIODIC RESPONSE - PHOTOMANIP HERBICIDES ON	INSECT
R FOREIGN EXPLORATION FOR NATURAL ENEMIES OF INTRODUCED	INSECT
AQUATIC NUISANCE DIPTERA BIOLOGICAL CONTROL OF AQUATIC	INSECT
T COMPARATIVE BIOCHEMISTRY INSECT DIAPAUSE-BIOCHEMISTRY	INSECT
COMPARATIVE BIOCHEMISTRY INSECT DIAPAUSE - BIOCHEMISTRY	INSECT
NMENTAL BEHAVIOR	INSECT
	ECOLOGY OF
PROJECT PESTS OF RICE IN FIJI MORTALITY AND DISPERSAL OF	INSECT
WILDLIFE ON 3000 ACRE FARM ECOLOGICAL STUDIES FARM GAME	INSECT
MANAGEMENT OF DESTRUCTIVE FOREST INSECTS CHIEF OF FOREST	INSECT
FIELD TESTING OF FUNGICIDES AND	INSECTICIDES
OF MOSQUITOES REPRODUCTION OF MOSQUITOES HORMONOMETRIC	INSECTICIDES
4 IN SALT MARSH POOL DYNAMICS EFFECTS OF ORGANOPHOSPHATE	INSECTICIDES
IN RED SEA PHYSIOLOGICAL EFFECTS OF METALS CRUDE OIL	INSECTICIDES
IN FISH EXPOSED TO DDT ELECTRON MICROSCOPIC ANALYSIS OF	INSECTICIDES
PEST MANAGEMENT HORTICULTURAL AND HEALTH	INSECTS
ESTICIDE RESIDUES IN FORESTRY ECOLOGY OF WOOD INHABITING	INSECTS
SECTS ON FOREST ECOSYSTEMS POPULATION DYNAMICS OF FOREST	INSECTS
BIOLOGICAL CONTROL OF	INSECTS
TION INSECT DIAPAUSE AND PHENOLOGY ESPECIALLY PARASITIC	INSECTS
POPULATION ECOLOGY AND MANAGEMENT OF DESTRUCTIVE FOREST	INSECTS
ECT FOOD CHAIN	ECOLOGY OF
LUTIONARY ECOLOGICAL AND POPULATION GENETICS OF MAN AND	INSECTS
ERN EQUINE ENCEPHALITIS PHYSIOLOGICAL AGE OF MOSQUITOES	INSECTS
F OF FOREST INSECT RESEARCH US FOREST SERVICE IMPACTS OF	INSECTS
OPICAL CROP SYSTEMS INFLUENCE OF VEGETATION DIVERSITY ON	INSECTS
NG INSECTS ECOLOGY OF FOREST TREE AND FOREST PRODUCTS	INSECTS
WATER PLANKTON DOMESTIC-INDUSTRIAL POLLUTION AND BENTHAL	INSECTS
WATER QUALITY AND QUANTITY ON ANIMALS (MAINLY MOLLUSKS)	INSECTS
STICIDES INDUCED APHID OUTBREAKS POPULATION DYNAMICS OF	INSECTS
ECOLOGY OF INSECT POPULATIONS (ESPECIALLY OF FOREST	INSECTS)
POPULATION BIOLOGY COMMUNITY ANALYSIS OF	INSECTS
POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD ARSENAL MD	INSTALLATION
MONITIES ENVIRON MONITORING PROGRAM EDGEWOOD ARSENAL MD	INSTALLATION
DES IN ORNAMENTAL CROP USE OF HERBICIDES AROUND MILITARY	INSTALLATIONS
ING NATURAL RESOURCES - SOCIAL ECONOMIC ENVIRONMENTAL	INSTIT
AREEN-BLENHEIM PUMED STORAGE FACILITY RENSSELAER POLY.	INSTITUTE
OGY LIFE DETECTION ON OTHER PLANETS CONSULTANT TO INDIAN	INSTITUTE
ANGKOK PLANT BREEDING TEMPORARY SCIENTIST INTERNATIONAL	INSTITUTE
UATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL POLLUTION	INSTREAN
ING SPEED ON CATCH PLANKTON & NEKTON SAMPLING SAMPLING	INSTRUMENTATION
TOR DEVELOPMENT OF ATR AND WATER MONITORING METHODS AND	INSTRUMENTS
ORMS OF RACCOONS ECOLOGY AND SYSTEMATICS OF COASTAL AND	INSULAR
POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD ARSENAL MD	INSULATION
BAN ECOSYSTEMS STUDIES STEERING COMMITTEE OF DAT DONG CP	INT. PEPL. OF REC.
ENT MICROCLIMATE AND WATER SUPPLY CHEMICAL TEMPERATURE	INTEGRATION
NATOMY PARTICULARLY FEATHER STRUCTURE BRISTLES OF BIRDS	INTEGUMENT
ESS REPRODUCTIVE SUCCESS OF BLUEGILL SUNFISH INTRA- AND	INTRP
ANALYSIS LIGHTSHIP DATA AND WEATHER E. COAST U.S. ATR SEA	INTERACTION
ND STATISTICAL GENETICS ISOZYME POLYMORPHISM ENVIRONMENT	INTERACTION
AND ENVIRONMENT	INTERACTION
MASSACHUSETTS TERNS PANEL ON HAZAROUS TRACE SUBSTANCES	INTERACTION
ATMOSPHERIC CHEMISTRY MARINE AND ATMOSPHERIC CHEMISTRY	INTERACTION
AINS THE EFFECT OF ZOOPLANKTON ON ALGAL POPULATIONS THE	INTERACTION
ADOLESCENTS SYSTEM ANALYSIS OF INDIVIDUAL PATIENT CARE	INTERACTIONAL
AL WASTE IN HEATING THE SOIL EVALUATION OF CLIMATE CRP	INTERACTIONS
	INHIBITORS
	INHIBITORS OF ADIAX TRANSPORT
	INLAND WETLANDS BILL ORGANIZATION AND MANAGEMENT
	INLET MARINE AND FRESHWATER FISHERIES IN NE UNI
	INLET ALASKA VITAMINS IN AQUATIC SYSTEMS AQUATI
	INORG C AND O-PO BIOLOGICAL ADVISOR MICROBIOLOG
	INORGANIC PHOSPHATE AND SEA WATER ATMOSPHERIC CH
	INORGANIC PLANT NUTRITION ESPECIALLY TRACE ELEM
	INORGANIC) GEOLOGIC FACTORS AFFECTING SOLUTION P
	INPUT-PATE EFFECT ORGANIC CHEMISTRY IN MARINE EN
	INSECT AND ANIMAL BEHAVIOR SYMBIOSIS INSECT MA
	INSECT ASSOCIATIONS DIVERSITY AND STABILITY OF T
	INSECT CO-EVOLUTION BASED ON CHEMICAL INTERFACIO
	INSECT COEVOLUTION IN P. POLYXENES POPULATION BY
	INSECT DIAPAUSE - BIOCHEMISTRY INSECT PHOTOPERIO
	INSECT DIAPAUSE AND PHENOLOGY ESPECIALLY PARASIT
	INSECT DIAPAUSE-BIOCHEMISTRY INSECT PHOTO-PERIOD
	INSECT DISPERSAL INTO GAMMA IRRADIATED GRADIENT
	INSECT ECOLOGY
	INSECT ECOLOGY CULEX SPP. DIAPAUSE & GEOGRAPHIC
	INSECT FLIGHT COMPARATIVE NEUROBIOLOGY ESPECIAL
	INSECT FOOD CHAIN
	INSECT HORMONES
	INSECT INTERACTIONS HOST PLANT RESISTANCE TO ART
	INSECT MANAGEMENT BIOLOGICAL CONTROL RESEARCH A
	INSECT PEST COMPARATIVE BIOCHEMISTRY INSECT DIA
	INSECT PEST CONTROL AND PLANT QUARANTINE ACTIVIT
	INSECT PEST MANAGEMENT BITING FLIES MOSQUITOES
	INSECT PESTS COMPARATIVE BIOCHEMISTRY INSECT DI
	INSECT PESTS (BIOLOGICAL CONTROL) SEARCH FOR AND
	INSECT PESTS MOSQUITOES CHIRONOMIDS W.H.O. CON
	INSECT PHOTO-PERIODIC-RESPONSE--PHOTO MANIP HERB
	INSECT PHOTOPERIODIC RESPONSE - PHOTOMANIP HERBI
	INSECT PHYSIOLOGY-SPECIFICALLY METABOLISM ENVIRO
	INSECT POPULATION DYNAMICS
	INSECT POPULATIONS (ESPECIALLY OF FOREST INSECTS
	INSECT POPULATIONS WITHIN AGRICULTURAL OR FOREST
	INSECT REACTORS OF DISEASE IMPORTANT TO MILITARY
	INSECT RESEARCH US FOREST SERVICE IMPACTS OF INS
	INSECTICIDES AND RECOMMENDATION OF THEIR USAGE
	INSECTICIDES BIOWOMICS OF NATURAL CULEX PIPIES P
	INSECTICIDES ON ALGAE EFFECTS OF LARVICIDES ON M
	INSECTICIDES SYNDETS TO MARINE LIFE CADMIUM POI
	INSECTICIDES' EFFECTS IN TELEOST FISHES CARCINO
	INSECTS
	INSECTS ECOLOGY OF FOREST TREE AND FOREST PRO
	INSECTS POPULATION ECOLOGY AND MANAGEMENT OF DE
	INSECTS AND INSECT ECOLOGY
	INSECTS CARRION INSECT ECOLOGY CULEX SPP. DIAPAU
	INSECTS CHIEF OF FOREST INSECT RESEARCH US FORES
	INSECTS EFFECTS ATMOSPHERIC LEAD POLLUTION ON INS
	INSECTS GENETICS OF ADAPTIVE PACE FORMATION DYNA
	INSECTS OF MEDICAL IMPORTANCE EPIDEMIOLOGY OF EA
	INSECTS ON FOREST ECOSYSTEMS POPULATION DYNAMICS
	INSECT PESTICIDES INDUCED APHID OUTBREAKS POPU
	INSECTS PHEROMONE PRODUCTION BY SMALLER EUROPEAN
	INSECTS TROUT HATCHERY VS. OWNER OF A POND-COORT
	INSECTS CRUSTACEANS FISH) ENVIRONMENTAL SPECIA
	INSECTS ECOLOGY OF CROPS TROPICAL INSECT ASSOC
	INSECTS)
	INSECTS AND ESTUARINE INVERTEBRATES
	INSTALLATION ASSESSMENT REDSTONE ARSENAL ALABAM
	INSTALLATION ASSESSMENT REDSTONE ARSENAL AL PR
	INSTALLATIONS PHYSIOLOGICAL EFFECTS MODE OF AC
	INSTIT INDUSTRIAL POLLUTION ABATEMENT COSTS CON
	INSTITUTE - HIGHLANDS PROJECT SLEEPY HOLLOW RESI
	INSTITUTE IN MICROBIOLOGY MICROBIAL ECOLOGY OF
	INSTITUTE OF TROPICAL AGRICULTURE PLANT BREEDER
	INSTREAN MONITORING TECHNIQUES IN A LARGE RIVER
	INSTRUMENTATION ADMINISTRATION ROLE OF SUEZ CANA
	INSTRUMENTS FOR POLLUTANTS DEVELOP PHOSPHORUS IN
	INSULAR TERRESTRIAL VERTEBRATES BIOGEOGRAPHY OF
	INSULATION ASSESSMENT REDSTONE ARSENAL AL ENVI
	INT. PEPL. OF REC. POPULATION BIOLOGY BOTH IES
	INTEGRATION MICROCLIMATE MODIFICATIONS IN REPOE
	INTEGUMENT OF BIRDS AVIAN ANATOMY/INTEGUMENT BE
	INTRP SPECIFIC BEHAVIORAL EFFECTS ON REPRODUCTIV
	INTERACTION METEOROLOGICAL AND PHYSICAL OCEANOGRAP
	INTERACTION POPULATION MATHEMATICAL QUANTITAT
	INTERACTION (ENERGY EXCHANGE) BETWEEN ORGANISMS
	INTERACTION OF BEHAVIOR AND POPULATION BIOLOGY I
	INTERACTION OF INORGANIC PHOSPHATE AND SEA WATER
	INTERACTION OF NUTRIENTS ALGAE AND ZOOPLANKTON
	INTERACTIONAL PROPERTIES OF INDIVIDUALS THEIR M
	INTERACTIONS EVAPORATIVE COOLING OF HORT. CROPS

TABLE 1 RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ROGRAM HOST-PLANT INSECT CO-EVOLUTION BASED ON CHEMICAL	INTERACTIONS HOST PLANT INSECT COEVOLUTION IN P.	208
Y REFLECTIVE MULCHES APRIL ALARM PHEROMONE PLANT - INSECT	INTERACTIONS HOST PLANT RESISTANCE TO ARTHROPODY	763
BIOGEOCHEMISTRY; AQUATIC ECOLOGY NUTRIENT - HYDROLOGIC	INTERACTIONS IN FORESTED WATERSHEDS NUTRIENT FLO	432
MARINE BACTERIOLOGY FERMENTATION	INTERACTIONS IN MICROBIAL ECOSYSTEMS	356
COMMUNITY ECOLOGY IN FISHERIES RESEARCH; ZOOPLANKTON-FISH	INTERACTIONS IN PONDS CONSULTATION; ANALYZE IMPA	354
CLONARY BIOLOGY OF MAMMALS BAT ECOLOGY ANIMAL - PLANT	INTERACTIONS MAMMALS OF NEW MEXICO	750
CE OF DICHLORENIL & ENDOTHALIN IN BOND WATER & HYDROSOIL	INTERACTIONS OF ENVIRONMENTAL POLLUTANTS WITH MA	578
S-LAKES POPULATION BIOLOGY THERMAL-ACID DRAINAGE SEWAGE	INTERACTIONS ON PRIN PROJ TACONITE DUMPING LAKE	387
TEF IRRIGATION AND DISPOSAL NUTRIENT CYCLING-STREAM-SOIL	INTERACTIONS SEWAGE SLUDGE DISPOSAL ON THE LAND	192
TROPHICATION THRESHOLDS ACHIEVING STABLE PREDATOR - PREY	INTERACTIONS TERTIARY REPLMENT MODIFICATION OF A	437
APPY; FOREST BIOLOGY PLANTS - AIR - NOISE - MICROCLIMATE	INTERACTIONS WILD SHRUB CULTIVATION SMOKE-PLANT	151
TUS "IN UTERO" ENVIRONMENTAL BIOCHEMISTRY - HEAVY METAL	INTERACTIONS WITH PROTEINS CHLORINATED ORGANIC	161
SOIL SYSTEMS-PLANT ROOT	INTERACTIONS SOIL ORGANIC MATTER MYCORRHIZAE	286
ROPERTIES OF INDIVIDUALS THEIR MUTUAL AND ENVIRONMENTAL	INTERDEPENDENCE TREATMENT OF ADOLSCENT PRIMARY	120
ATION ANALYSIS OF LAKE SEDIMENTS BIOLOGICAL CHEMICAL	INTERACTIONS IN FRESH ESTUARINE & COASTAL WATER	812
FORMATION SYSTEM DEVELOPMENT REFINEMENT APPLICATION OF	INTERMEDICA ANALYSIS FORMAC REG. ECON. AND ECOLOG	246
ZE WILDLIFE BIOLOGY WILD TURKEY FOOD HABITS WILD TURKEY	INTERNAL PARASITES IMPACT OF FORESTRY OPERATIONS	125
FISHERIES OF NEW YORK AND MIDDLE ATLANTIC DOMESTIC AND	INTERNATIONAL FISHERY MANAGEMENT AND POLICY FISH	472
UNIVERSITY, BANGKOK PLANT BREEDING TEMPORARY SCIENTIST	INTERNACIONAL INSTITUTE OF TROPICAL AGRICULTURE	503
POBAMINIPRA INDIAN OCEAN POBAMINIPRA PALEOPENVIRONMENTAL	INTERPRETATIONS CLIMATOLOGICAL MAPPING AND PROFIT	355
AL DEVELOPMENT SOIL SCIENCE CLASSIFICATION MAPPING AND	INTERPRETATIONS FOR LAND USE PLANNING EVALUATE	624
MPRING STANDARD SOIL-SITE INDEX NATIONWIDE SOIL-WOODLAND	INTERPRETATIONS FOR SOIL SURVEY AUTOMATING SOIL-	477
OF CAPE VINCENT NEW YORK ECOLOGICAL SURVEY OF DEER LICK	INTERPRETING NATURAL HISTORY STUDY OF RARE AND F	540
ORE OCEAN'S THERMAL STRUCTURE STUDIES LAND USE AND WATER	INTERRELATIONSHIPS OCEAN AND LAKE DYNAMICS AND	111
SES ECOLOGY OF ONCHOCERCIASIS IN ETHIOPIA HOST/PARASITE	INTERRELATIONSHIPS IN FILARIID DISEASE INFECTION	547
AL EFFECTS OF STARWATON OR MALNUTRITION UPON MULE DEER	INTERRELATIONSHIPS OF NUTRITION UPON ANIMAL DISE	623
R SPECIES FOODS OF FISHES AND FEEDING COMPETITION ON AN	INTERSPECIFIC LEVEL LOCATION OF SHAD SPAWNING SI	190
MARINE BENTHIC ECOLOGY WITH EMPHASIS ON NEAR-SHORE AND	INTERSCIDAL ENVIRONMENTS	165
ECOLOGY AND TAXONOMY OF MARINE BENTHIC ALGAE ECOLOGY OF	INTERTIDAL MARINE ALGAE	740
ACTIVE SUCCESS REPRODUCTIVE SUCCESS OF BLUEGILL SUNFISH	INTRA- AND INTER SPECIFIC BEHAVIORAL EFFECTS ON	308
LAKE SEDIMENTS ACID MINE POLLUTION SEDIMENTS OF DELMARVA	INTRACOASTAL WATERWAY PRODUCTIVITY L	177
CHROMIUM AND NICKEL ON AN ESTUARINE TELEOST ECOLOGY OF	INTRACOASTAL WATERWAY BEAUFORT NORTH CAROLINA	93
URTANS (COLD WATER-BOREAL) ECOLOGY OF LULUMARIA ERONDOSA	INTRASPECIFIC VARIATION IN PUCUS VESICULOSUS SH	380
SPORT FISHERY DIGESTION IN BLACK CRAPPIE PREDATOR FISH	INTRODUCTIONS IN RESERVOIRS FISHERY MANAGEMENT	61
RKS SUBMERGED DISPOSERS FOR WASTE HEAT DISPOSAL SALINITY	INTROSION IN ESTUARINES MATHEMATICAL MODELS; RI	302
R AND ESTUARY WATER QUALITY; THERMAL POLLUTION; SALINITY	INTROUSION TRANSIENT WATER QUALITY IN ESTUARY NET	402
RANCE IN ALGAE FUNGUS INHIBITION BY WOOD EXTRACTS FUNGUS	INVASION OF WOOD CULTURE DISTRIBUTION AND CYCLO	588
RELATIONS AVIAN FLOCKING BEHAVIOR AND BIRD ENVIRONMENTAL	INVENTORIES BIRDS OF ATLANTIC SEABOARD WATERS	328
A LONG RANGE RESEARCH NEEDS FOR N.C. FISHERIES ESTUARINE	INVENTORY LIFE HISTORIES OF AND FISHERIES FOR A	704
MENT REDSTONE ARSENAL, AL ENVIRON SURVEY PINE BLUFF, AR	INVENTORY AND EVALUATE POTENTIAL SOURCES OF THER	553
REAM DEPENDING COORDINATION FOREST WILDLIFE MANAGEMENT -	INVENTORY HABITAT PRESCRIBE MANAGEMENT TO ACHIE	626
LE ATLANTIC HIGHT STATE-DEDEAL FISHERY MANAGEMENT MODEL	INVENTORY OF FISHERIES OF NEW YORK AND MIDDLE AT	472
F A BAY EFFECTS OF POWER PLANT CONDENSER PASSAGE BASLINE	INVENTORY OF LAKE MICHIGAN ELEMENTS ECOLOGY OF	21
EEP SEA SOLID REFUSE DISPOSAL, DEEPSEA, EFFECTS BENTHIC	INVERTEBRATE COMMUNITY ECOLOGY IN THE DEEP SEA F	599
E EFFECTS ON HUDSON RIVER BENTHOS ENVIRON SURVEY AQUATIC	INVERTEBRATE EMPHASIS FIVER ILLINOIS FRESH WATER	339
MS OF INSECT FLIGHT COMPARATIVE NEUROBIOLOGY ESPECIALLY	INVERTEBRATE SENSE ORGANS NEUROPHYSIOLOGY AND AN	37
EMBRANES IN TWO FISH SPECIES MARINE	INVERTEBRATE ZOOLOGY AND PARASITOLOGY ACANTHOP	775
HOLE, MASS. SHELL PENETRATION BY ORGANISMS MALACOCLOGY	INVERTEBRATE ZOOLOGY MARINE-ESTUARINE ECOLOGY;	112
TEACHING ENVIRONMENTAL SCIENCES AND ECOLOGY OF	INVERTEBRATES	199
ECOLOGICAL ENERGETICS OF AQUATIC	INVERTEBRATES	678
ENVIRONMENTAL EFFECTS ON GROWTH AND FORM IN MARINE	INVERTEBRATES	709
ION BIOLOGY COMMUNITY ANALYSIS OF INSHORE AND ESTUARINE	INVERTEBRATES POPULAT	237
ION OF CHESAPEAKE BAY JELLYFISH FREE AMINO ACIDS AND MARINE	INVERTEBRATES NITROGEN CYCLE IN SHALLOW MARINE	760
TION OF DYNAMIC SYSTEMS FOR CULTIVATION OF PARASITES AND	INVERTEBRATES CULTIVATION OF MALARIA DESIGN AND	728
ANS EFFECT OF METALS OIL ETC. ON PHYSIOLOGY OF MARINE	INVERTEBRATES OIL EFFECTS ON MOLLUSCS COPPER WAS	449
OPOD MOLLUSCS TOXINS OF MARINE	INVERTEBRATES PARTICULARLY CEPHALOPODS AND GASTR	671
BRATE EMBARRAS RIVER ILLINOIS FRESH WATER AND ESTUARINE	INVERTEBRATES THERMAL DISCHARGE EFFECTS ON HUDSO	339
SURVEY OF A BAY OR LAKE CRAYPLAIN BIASSAYS ON AQUATIC	INVERTEBRATES USING HEAVY METALS & HEAT AS WELL	279
EFFECTS ON MOLLUSCS COPPER WASTES IN MARINE ENVIRONMENT	IODIDES IN NEMERTANS EFFECT OF METALS OIL PT	449
YPES NITROGEN NDRITION & ALFALOID REDDUCTION IN GRASS	ION ABSORPTION BY PLANT CELLS PLANT MINERAL NUT	771
A LOSS IN BROOK TROUT AT LOW PH SALT GLAND OF SEA SNAKES	ION AND WATER BALANCE OF MUTANT EXTRA-RENAL ELF	530
BIOCHEMICAL ASPECTS OF ABSORPTION POLIAR FERTILIZATION	ION STIM. ATPASE CONTROLLED NA AND K UPTAKE IN PL	510
ESTING WITH TRADESCANTIA VARIOUS DELTERIOUS EFFECTS OF	IONIZING RADIATION ON PLANTS AND CHEMICAL MUTAG	676
ING RADIATION ON PLANTS AND CHEMICAL MUTAGENS EFFECTS OF	IONIZING RADIATION ON PLANTS RADIOBIOLOGICAL RES	876
RAY RESPONSE OF SEEDS, PLANTS X RAYS ON BOSTON IVY BUDS	IONIZING RADIATIONS AND RADIONUCLIDES IN THE BIO	526
ARIES ANALYSIS OF SEA WATER REGIONAL VARIATIONS IN MAJOR	IONS MEMBRANE SALINOMETER SEA SALT COMPOSITION	453
MENTAL EDUCATION DYNAMICS OF A PCP. OF SOFTSHELL CLAMS	IPSWICH MA ENVIRONMENTAL IMPACT STATEMENTS MERC	496
ATING WASTES AIR AND WATER POLLUTION CONTROL REMOVAL OF	IRON FROM ACTD MINE DRAINAGE WATERS DOWN WIND TP	783
EFFECT OF 45 BYES ON FISH AND ALGAE COMPARISON OF ALUM AND	IRON SULFATES FOR P REMOVAL ENHANCEMENT OF NITR	439
CONIFEROUS-DECIDUOUS ECOTONE ECOLOGY OF SMALL MAMMALS ON	IRON-TITANIUM MINE WASTE DUMPS IN THE ADIRONDAK	398
CULTURAL OR FOREST ECOSYSTEMS INSECT DISPERSAL INTO GAMMA	IRRADIATED GRADIENT COCONUT RHINOCEROS BEETLE PE	374
IONS EVOLUTION OF SEX DETERMINING MECHANISMS PEANUT SEED	IRRADIATION EXPERIMENT REPRODUCTIVE MORPHOLOGY A	656
EFFECTS OF PRESCRIBED FIRE WILDLIFE RESPONSE TO WASTEWATER	IRRIGATION WILD ANIMAL POPULATION-HABITAT PLAT	797
ON THE LAND MINERAL CYCLING & WASTE DISPOSAL WASTEWATER	IRRIGATION AND DISPOSAL NUTRIENT CYCLING-STREAM	192
DING TOXICOLOGIC DISEASE OXYGEN TOXICITY INHALED GASPOUS	IRRIGATION BERYLLIUM TOXICITY DIAGNOSIS ANIMAL D	590
OF LONG ISLAND NEW YORK TRUCK PARKING PROJECT ON LONG	ISLAND REPRODUCTION	620
E SPOIL RECLAMATION AND STABILIZATION OF DUNES ON ABELIA	ISLAND GRASSLAND FERTILITY AND MANAGEMENT; COAS	401
TOGGRAPHIC STUDIES OF COASTAL WATERS OF NEW YORK AND LONG	ISLAND USE OF REMOTE SENSING TO STUDY PHYTOPLAN	115
ANDS OF SUFFOLK AND NASSAU COUNTIES AQUACULTURE FOR LONG	ISLAND ABNORMALITIES IN RIVALVE SHELLFISH CULTU	721
SOURCES ALCOVA RIVER GEORGIA WATERSHED EVALUATION TOCES	ISLAND DAM & RESERVOIR N.Y. N.J. & PA FISH & W	522
ROCKS	ISLAND DAM LYMRICK NUCLEAR STATION	363
QUALITY AND SEDIMENT ANALYSIS MICROBIOLOGY SO. SHORE LONG	ISLAND ECOLOGICAL EFFECTS TRANSPORT FACILITIES W	113
GY IMPACT STUDIES ON COASTAL AND ESTUARINE BIOTA CRANEY	ISLAND ENVIRONMENTAL STUDY FAUNAL AND FLORAL CHY	459
MOD FOR EXPLAINING VARIATION IN A PLOUNDER FISHERY RHODE	ISLAND FLOATING TROP FISHERY TEMPERATURE EFFECTS	651
ABELINA SALT MARSHES SAND DUNES SOUTHEAST FLORIDA LONG	ISLAND FLORA THE ZONE OF LONG ISLAND THE MARCHE	697

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

CES COASTAL ZONE MGT. IN CHESAPEAKE BAY WETLANDS ON LONG	ISLAND INDUSTRIAL WASTES PROBLEM ANALYSIS AND M	811
RCE DEVELOPMENT KEHOE LAKE LAND REQUIREMENTS PLAN WILLCO	ISLAND LOCKS AND DAM - ENV. IMPACT STATEMENT ENVI	407
RESOURCE CAPABILITY STUDY COMMUNITY SUCCESSION ON DREDGE	ISLAND REPRODUCTION BIOLOGY OF THE OSPREY ECOLO	534
ICAL PROPERTIES OF SOILS CHARACTERIZATION STUDY OF RHODE	ISLAND SOILS MINERALOGICAL ANALYSES OF CLAY SAMP	803
N PHOSPHATES IN LONG ISLAND SOUND METAL ANALYSIS IN LONG	ISLAND SOUND ESTUARY POLLUTIO	711
(MARINE-PHYSICAL- BIOL.) DREDGE SPOIL DISPOSAL IN RECEE	ISLAND SOUND CORRELATIONS BETWEEN ENV. VABIABLES	555
ESTUARY POLLUTION PHOSPHATES IN LONG	ISLAND SOUND METAL ANALYSIS IN LONG ISLAND SOUND	711
ES SOUTHEAST FLORA LONG ISLAND FLORA THE FLORA OF LONG	ISLAND THE MARSHES OF THE COOPER RIVER ESTUARY E	687
E TO HABITAT ASSOCIATIONS AND COMMUNITY SUCCESSION SMITH	ISLAND A RESOURCE CAPABILITY STUDY COMMUNITY SD	534
PROPOSED NATIONAL PARK PANAMA WILDLIFE SURVEY ANEGADA	ISLAND BRITISH VIRGIN ISLANDS ECOLOGY AND CONSE	408
ISLAND HERPETOLOGY OF LONG	ISLAND NEW YORK TURTLE MARKING PROJECT ON LONG	620
ED TO PLANT GEOGRAPHY AND PALEOECOLOGY VEGETATION OF HOG	ISLAND NORTHAMPTON CO. VIRGINIA EVALUATION OF	310
VIRONMENTAL STUDIES CURRENTS OFF THE SOUTH SHORE OF LONG	ISLAND NY MARINE EN	500
COSTS CONNECTICUT RIVER MARINE RESOURCE PLANNING LCNG	ISLAND NY SHORE MANAGEMENT GUIDELINES PLANNING	471
OF SEASHORE STATE PARK VIRGINIA VEGETATION OF PARRAMORE	ISLAND VIRGINIA PLANT ECOLOGY AS RELATED TO PL	310
ION CYCLES POPULATION CYCLES IN RATS MOOSE DEMOGRAPHY ON	ISLANDS POPULATION ECOLOGY AND GENETICS OF RODE	712
PANAMA WILDLIFE SURVEY ANEGADA ISLAND BRITISH VIRGIN	ISLANDS ECOLOGY AND CONSERVATION ATTILAN GREVE	408
COSYSTEMS ECOLOGICAL STABILITY OF NORTH CAROLINA BARRIER	ISLANDS SECONDARY PRODUCTIVITY OF A MANGROVE SWA	521
TURAL AND MAN-CREATED ORIGIN ANALYSIS OF NANTUCKET SQUAD	ISLANDS TRUST BILL EUTOPHICATION OF COBOSSEE WA	516
EMATICS AND ECOLOGY VERTEBRATES OF MASSACHUSETTS COASTAL	ISLANDS VERTEBRATE REMAINS IN INDIAN MIDDENS AVI	758
GY PLANT-WATER RELATIONS ENVIRONMENTAL IMPACTS PRESQUE	ISLE BEACH EROSION ENVIRONMENTAL IMPACTS STANNA	585
R FLOX OF METALS THROUGH ENVIRONMENT - CHEMICAL EFFECTS	ISOTHERMAL COMPRESSIBILITY OF SEAWATER TRACE MET	429
ON MATHEMATICAL QUANTITATIVE AND STATISTICAL GENETICS	ISOZYME POLYMORPHISM ENVIRONMENT INTERACTION PO	617
AND GAMMA-RAY RESPONSE OF SEEDS PLANTS X RAYS ON BOSTON	IYV BODS IONIZING RADIATIONS AND RADIONUCLIDES	526
ING SURVEY CHEM. ASPECTS OF WATER QUALITY IN SE VIRGINIA	JAMES ESTUARY BENTHOS: SEDIMENT SIZE AND CHEMIST	332
VIRONMENTAL IMPACT ANAL. REGIONAL SOLID WASTE MANAGEMENT	JAMES RIVER BASIN WASTE MANAGEMENT PLAN ENVIRON	776
) ASSESSMENT OF COMMUNITIES EVALUATION OF OYSTER BEDS IN	JAMES RIVER EFFECT OF HIGHWAY CONSTRUCTION ON BO	444
IC EDUCATION IN MARINE SCIENCE CATFISH MANAGEMENT IN THE	JAMES RIVER VIRGINIA PUBL	413
NITROGEN CYCLE ON CORAL REEFS CONTROL OF CHESAPEAKE BA	JELLYFISH FREE AMINO ACIDS AND MARINE INVERTEBRA	760
D FUNGI CELL BIOLOGY OF HAPLOSPORIDANS ULTRASTRUCTURE CP	JELLYFISH MUSCLE CONTRACTION CELL BIOLOGY OF MA	544
PHYSHOLOGY FISHERY BIOLOGY ENVIRONMENTAL POLLUTION NEW	JERSEY MARINE ECOLOGICAL STUDY SCHUYLKILL RIVER	487
BIRDS OF THE NIAGARA FRONTIER REGION WESTERN NY POSSIBLE	JET POPULATION TRYING TO KEEP OFF ROAD VEHICLES	489
RE HISTORY FLORISTIC SURVEY OF MCREHEAD CITY PORT MACCN	JETTYS NORTH CAROLINA TAXONOMIC AND MORPHOLOGIC	519
NMENTAL IMPACT STUDIES FURNAS/WORLD BANK PARAGUAY/BRAZIL	JOINT PARANA COMMISSON CONSOLIDATED EDISON ECO	265
AL WEATHERING SYSTEMS IN COLD CLIMATES AGGREGATE QUALITY	JUDGMENT PHYSICAL-CHEMICAL WEATHERING IN ANTARCT	51
OTEN COMPARISON OF ACRP SEEDS COMPARISON OF PROTEINS OF	JUGLANS SEEDS COMPARISON OF PROTEINS OF LYCOPODI	133
THEIR HOSTS BACTERIOLOGICAL TESTING OF CENTRIFUGED APPLE	JUICE SYSTEMATICS AND ECOLOGY OF FRESHWATER FIS	325
IOLOGY OF SYNAPTIC TRANSMISSION PHYSIOLOGY OF ELECTRONIC	JUNCTIONS PRYS	56
POLIAR FERTILIZATION ION STIM. ATPASE CONTRULET NA AND	K UPTAKE IN PLANTS DEVEL. POLIAR ANALYSIS PROG.	510
ARK HISTORIC HOUSE & CARRIAGE MUSEUM IMPACT STUDY LITTLE	KANAWHA R. W. VA. DEISGN AND MANAGEMENT OF HIS	634
STREAM BIOLOGICAL EFFECTS OF INDUSTRIAL COMPLEXES ON THE	KANAWHA RIVER USE OF CRUDE BIOASSAY TECHNIODE IN	282
C FACTORS AFFECTING SOLUTION POROSITY OF KARST AQUIFERS	KARST AND CAVE HYDROLOGY AND GEOLOGY; WATER POLL	573
ORGANIC) GEOLOGIC FACTORS AFFECTING SOLUTION POROSITY CP	KARST AQUIFERS KARST AND CAVE HYDROLOGY AND GEO	573
LEGUMES CONSULTANT ON UNIVERSITY DEVELOPMENT THAILANE	KASETSART UNIVERSITY BANGKOK PLANT BREEDING TE	503
SITION FINGER LAKES STATE PARK, KEUKA LAKE, NY I HAVE A	KEEN KNOWLEDGE AND COMPETENCE IN GENERAL ECOLOGY	400
TIER REGION WESTERN NY POSSIBLE JET POPULATION TRYING TO	KEEP CFF ROAD VEHICLES OUT OF POSTED & WILDLIFE	489
G ENVIRONMENTAL ANALYSIS OF FEDERAL RESORCCE DEVELOPMENT	KEHOE LAKE LAND REQUIREMENTS PLAN WILLOW ISLAND	407
VELOPMENT PLANING POLLUTION INVESTIGATION FISHTRAP LAKE	KENTUCKY IMPACTS OF DEVELOPMENT ON NATURAL RESOU	509
RESOURCE MANAGEMENT TRANSFORMATION OF PASTORAL MASAII IN	KENYA PRICING IN WATER RESOURCE MANAGEMENT ECON	175
OGY REPRODUCTIVE ENDOCRINOLOGY OF FISHES TROUTS OF UPPER	KERN RIVER BASIN CALIFORNIA FISH PHYSIOLOGY AND	624
DFALFO NY PARK LAND AOHISITION FINGER LAKES STATE PARK	KEUKA LAKE NY I HAVE A KEEN KNOWLEDGE AND COMP	400
MARINE SCIENCE AND ITS ADMINISTRATION ECOLOGY OF FLORIDA	KEYS TARPON PESTICIDE RESEARCH PROJECT SPORT FIS	744
MENT OF MAMMALIAN KIDNEY COMPENSATORY HYPERTROPHY OF RAT	KIDNEY GROWTH COMPENSATORY HYPERTROPHY DEVELOPE	593
OWTH COMPENSATORY HYPERTROPHY DEVELOPMENT OF MAMMALIAN	KIDNEY COMPENSATORY HYPERTROPHY OF RAT KIDNEY G	593
TATS WATER ECONOMY OF DESERT MAMMALS SPECIAL EMPHASIS:	KIDNEY STRUCTURE AND PUNCTION RENAL MORPHOLOGY I	343
ICROCRUSTACEANS ECOLOGY OF SALT MARSH MEIOFAUNA ROLE OF	KILLFISH IN SALT MARSH POOL DYNAMICS EFFECTS OF	200
S CREEK MARSH STUDY COMPARATIVE BIOSYSTEMATIC STUDIES CN	KILLFISHES BIOLOGICAL SURVEY OF LOWER POTOMAC R	633
YIC) THE ELECTROMAGNETIC ACTIVITY OF PORPHIN DERIVATIVES	KINETIC & THERMOCHEM. STUDIES OF PORPHYRIN REA	5
ASHINGTON LEAD IN COASTAL WATERS THERMODYNAMICS AND	KINETICS AIR PURIFICATION TRACE METALS IN LAKE W	25
COMPOSITION OF DIATOM CELL WALLS PALEOLIMNOLOGY OF LAKE	KIVU-CENTRAL AFRICA PHYTOPLANKTON TAXONOMY AND	320
RIDGE-TUNNEL CROSSING HAMPTON ROADS DREDGE AND FILL PINE	KNOLL SHORES BOGUE BANKS IMPACT ANALYSIS DECIDU	198
N FINGER LAKES STATE PARK, KEUKA LAKE, NY I HAVE A KEEN	KNOWLEDGE AND COMPETENCE IN GENERAL ECOLOGY WITH	400
ONSHIP TO THE ENVIRONMENT A	KNOWLEDGE OF ANIMAL POPULATIONS AND THEIR RELATI	683
ACON JETTYS, NORTH CAROLINA TAXONOMIC AND MORPHOLOGICAL	KNOWLEDGE OF MARINE ALGAE ITS REPRODUCTION AND L	519
RNICOLOUS PROTOZOA REVIEW & NEW STUDIES IN MANMOTH CAVE	KY UNDERGROUND WATER PROTOZOA TEMPERATURE RELAXE	256
EFFECTS IN A MARINE SNAIL EFFECTS OF HIGH TEMPPRATURES ON	L. LIITOREA DRIFT BOTTLE STUDIES AT BODBGA HEAD	299
N ECOLOGY & MAMMALIAN AND COMPARATIVE PHYSIOLOGY BOTH IN	LAB AND FIELD GROWTH IN THREE SPECIES OF HAWKS I	523
IN MONTANA ACCELERATED EUTROPHICATION IN A SOUTH DAKOTA	LAB. HAVE EMPHASIZED FRESHWATER ECOLOGY IN MANY	365
OF BIOLOGICAL CONTROL POP. BIOL. OF GERMAN COCKROACH IN	LAB. CULTURES CONTROL OF GERMAN COCKROACH WITH R	344
ISEASE DIAGNOSIS DIAGNOSTION PIANT DISEASE DIAGNOSTIC	LAB. MONOGRAPHIC STUDIES OF DISCOMYCETES PLANT	562
TEMS AND PHYSIOLOGICAL FMBRYOLOGY OF VERTEBRATES COLLEC	LACBR CONTRACTS FOR TEACHERS AND PARAPROFESSIOA	12
PRODUCTION BY PLANKTONIC ALGAE AND FATE OF CELLULOSE IN	LACUSTRINE ENVIRONMENTS POSTDOCTORAL RESEARCH AS	577
CE OF MARINE BIVALVE COMMUNITIES EFFECTS OF OPENING MUGU	LACGON TO THE PUBLIC COMPUTER SIMULATION OF THE	547
ECOLOGY OF AQUATIC FUNGI ACTIVITY OF WATER MOLDS IN A	LAKE	134
CP COASTAL PONDS ECOLOGICAL SURVEY OF A COASTAL BRACKISH	LAKE BLUE GREEN ALGAE AND EUTROPHICATION	501
GETS FOR CAYOGA AND SENECA LAKES ECOSYSTEM ANALYSIS OF A	LAKE ANALYSIS OF ECOSYSTEMS BIOGEOCHEMISTRY; A	432
MPACT OF ABBY RESERVOIR ECOLOGICAL SURVEY OF WHITE ROCK	LAKE AQUATIC ECOLOGY - EUTROPHICATION PROCESSES	469
CRUDE BIOASSAY TECHNIQUE IN ENDRIN POISONING OF SHAWNEE	LAKE BENTHIC MACROPAUNAL PRODUCTION ACID MINE D	282
ECOLOGY AND FOOD RELATIONSHIPS OF TROPICAL MARINE FISRES	LAKE - CONSULTANT - ONGOING EUTROPHICATION OF TD	176
ANY ASPECTS INCLUDING CHEMISTRY THE ECOLOGY OF THE BIRCH	LAKE AREA IN MINNESOTA PATHOLOGY AND HISTOLOGY O	365
USE OF A COULTER COUNTER TO ASSESS ZOOPLANKTON GRAZING;	LAKE EUROLOGY FEEDING OF DAPRNA IN ALGAE OF DIFF	126
ISHERIES SURVEY PUBLIC FISHING LAKE FERTILIZATION SURVEY	LAKE BURKE CENSUS SURVEY AQUATIC ECOLOGY WITH E	569
OF RAPTORS POPULATION ECOLOGY OF BARN OWLS ANALYSIS OF A	LAKE CARP POPULATION BREEDING ECOLOGY OF RAPTOR	660
ELL AS GENERAL LIMNOLOGY LIMNOLOGICAL SURVEY OF A BAY CN	LAKE CRAMPLAIN BIOASSAYS ON AQUATIC INVERTEBRAT	279
GY OF FRESHWATER FISHES FISH PRODUCTION OF MULTI-SPECIES	LAKE COMMUNITY FISH DISTRIBUTION IN RELATION TO	145

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

STUDIES LAND USE AND WATER INTERRELATIONSHIPS OCEAN AND	LAKE DYNAMICS AND THERMAL STRUCTURE OCEAN'S THER	111
VIPAROS GEORGIANDS SILICA CYCLE - NEW ENGLAND HARDWATER	LAKE ENVIRONMENTAL IMPACT OF ROWLESBURG DAM ON C	673
LOGY OF SPOTTED HAKE TEMPERATURE SELECTION OF FISH FROM	LAKE ERIE EFFECTS OF THERMAL DISCHARGES ON HUDSO	35
GY WITH ACCENT IN ORNITHOLOGY APPRAISAL OF A SUMMER CAMP	LAKE ERIE NEAR BUFFALO NY PARK LAND ACQUISITION	400
FISHERIES NORTHEAST VA. FISHERIES SURVEY PUBLIC FISHING	LAKE FERTILIZATION SURVEY LAKE BURKE CENSUS SURV	569
MENTAL PROBLEMS PROJECT DESIGN TO SOLVE PROBLEMS CURSAM	LAKE FLOOD CONTROL PROJECT MARITAN CENTER DREDG	66
UTION CONTROL AS ENVIRONMENTAL ENGINEER DDT ANALYSIS OF	LAKE GEORGE SEDIMENTS AQUATIC ENVIRONS OF EMEAL	209
ER DEVELOPMENT PLANNING POLLUTION INVESTIGATION FISHEAP	LAKE KENTUCKY IMPACTS OF DEVELOPMENT ON NATURAL	509
GANIC COMPOSITION OF DIATOM CELL WALLS PALEOLIMNOLOGY OF	LAKE KIVU-CENTRAL AFRICA PHYTOPLANKTON TAXONOMY	320
RONMENTAL ANALYSIS OF FEDERAL RESOURCE DEVELOPMENT KEROE	LAKE LAND REQUIREMENTS PLAN WILLOW ISLAND LOCKS	407
IS OF POWER PLANT CONDENSER PASSAGE BASLINE INVENTORY OF	LAKE MICHIGAN ELEMENTS ECOLOGY OF AQUATIC HABIT	21
L AQUATIC ADVISOR - WEED CONTROL AND FISHERY DEVELOPMENT	LAKE NICARAGUA FISHERIES SURVEY FRESHWATER FISH	550
N BENTHIC MACROFAUNA EFFECT OF CIRCULATING WATER SYSTEMS	LAKE ONTARIO ECOLOGICAL STUDY OF THREE POSSIBLE	381
LOGY & FISHERIES BIOLOGY BENTHOS OF NEAR SHORE WATERS OF	LAKE ONTARIO FISH STUDIES OF THE OSWEGO HARBOR A	207
IDES AND POLLUTANTS RADIOELEMENTS IN OCEANS PLUTONIUM IN	LAKE ONTARIO OPENOCEAN ORGANISMS RESPONSE TO POL	74
ERPY LAKE WATER QUALITY SURVEY FIRST-YEAR GROWTH ALEWIE	LAKE ONTARIO OPERATION CLEARWATER LIFE HISTORI	211
R SEDIMENTS REGIONAL LIMNOLOGY OF MINNESOTA POLLUTION CP	LAKE ONONDAGA NEW YORK BIOGEOCHEMISTRY OF MARI	182
W YORK RESPONSE OF FISH POPULATION TO REDUCED LOADING CP	LAKE PHOSPHORUS POPULATION DYNAMICS OF FISH POP	277
LAND - WILDLIFE RESOURCES THE TERRESTRIAL FAUNA OF THREE	LAKE PROJECTS IN W. VIRGINIA SEARCH ANALYZE S	169
REHENSIVE PLAN REGIONAL SEWER & WATER PLAN UPDATE LEASER	LAKE RECREATIONAL HUNTING POTENTIAL LAND USE AN	670
ELS OF PLANKTON-ALGAE FOOD CHAIN WATER QUALITY CRITERIA	LAKE RESTORATION WATER QUALITY CRITERIA; PLANKT	75
NV. IMPACT STATEMENT ENVIRONMENTAL ANALYSIS OF SALT CREEK	LAKE SCOPE & STUDY PLAN PLANNING AND DIRECTING	407
Y PROTECTION & SUPPLY PROGRAM PORT ROYAL ESTUARINE STUDY	LAKE SEBASTICOOK EUTROPHICATION WATER QUALITY A	393
ON THE CONTINENTAL SHELF NEUTRON ACTIVATION ANALYSIS CP	LAKE SEDIMENTS BIOLOGICAL & CHEMICAL INTERACTI	812
DEL MARVA INTRACOASTAL WATERWAY PRODUCTIVITY	LAKE SEDIMENTS ACID MINE POLLUTION SEDIMENTS OF	177
AINAGE SEWAGE INTERACTIONS ON PRIM PROD TACONITE DUMPING	LAKE SUPERIOR ECOLOGICAL WATER QUALITY ANALYSES	387
PURPOSES DUB 24 TRAPPING BLUEGILL SWEDESH IN FARM PONDS	LAKE TROUT CHROMOSOME MORPHOLOGY INCREASE FISH	777
ODYNAMICS AND KINETICS AIR PURIFICATION TRACE METALS IN	LAKE WASHINGTON LEAD IN COASTAL WATERS THER	25
EARWATER LIFE HISTORIES OF FRESH-WATER FISHES CRANBERRY	LAKE WATER QUALITY SURVEY FIRST-YEAR GROWTH ALEW	211
ES IN LENTIC AND LOTIC ENVIRONMENTS DOMESTIC EFFLUENT IN	LAKE WATER SUPPLIES STRIP MINE RUNOFF IN PARK W	750
AN ENDOSYMBIONS AND OTHER PHYTOPLANKTON SURVEY OF CALIFE	LAKE BIOLOGICAL NUTRITIONAL REQUIREMENTS OF MA	196
PICAN ALGAL TAXONOMY LIMNOLOGY EUTROPHICATION OF ONEIDA	LAKE NEW YORK ALGAL - BACTERIA SYMBIOSIS NORTH	278
NY PARK LAND ACQUISITION FINGER LAKES STATE PARK KEUKA	LAKE NY I HAVE A KEEN KNOWLEDGE AND COMPETENCE	400
POLLUTION BIOLOGY EUTROPHICATION STUDY OF SMITH MOUNTAIN	LAKE VA. BIOLOGICAL SURVEY OF PETERS CREEK VA.	324
POPULATION DYNAMICS OF FISH ECOLOGY OF WARM WATER	LAKES	230
N ARROW WORMS STRATIFICATION AND TRANSPARENCY IN AFRICAN	LAKES AQUATIC PRIMARY PRODUCTIVITY IN TROPICAL	475
AD IN LENTIC WATERS CONTINGENCY PLAN FOR SUMMIT & PAXSON	LAKES LIMNOLOGY WATER POLLUTION BIOLOGY CHEMIST	518
WATER MARK RIVERBANK VEGETATION CONTROL OF WATERWEEDS IN	LAKES PHYSIOLOGICAL ECOLOGY OF ALGAE AND VASCUL	306
Y VS. ACCELERATED EUTROPHICATION THRESHOLDS LAKES GREAT	LAKES ACCEL. EUTROPHICATION THRESHOLDS ACHIEVING	437
TECHNIQUES FOR FECAL STREPTOCOCCI EUTROPHICATION OF SMALL	LAKES AIRBORNE BACTERIA CONTROL MICROBIOLOGY OF	436
VIROMENT USE OF CHEMICALS ON RANGELAND ALGAE CONTROL IN	LAKES AND PONDS HERBICIDES IN SOIL PLANT CROPS R	68
RESTED WATERSHEDS NUTRIENT BUDGETS FOR CAYOGA AND SENECA	LAKES ECOSYSTEM ANALYSIS OF A LAKE ANALYSIS OF	432
Y AND PHYSIOLOGY TESTING MODELS FOR ANTARCTIC FRESHWATER	LAKES ENVIRONMENTAL IMPACT STUDY; ALGAL AND BACT	532
ATION DENSITY VS. ACCELERATED EUTROPHICATION THRESHOLDS	LAKES GREAT LAKES ACCEL. EUTROPHICATION THRESHOL	437
NS OF EMEALD GREEN - N.Y. STATE D.E.C. BEARING EDGEWOOD	LAKES NYS-DEC HEARING AQUATIC ECOLOGY ESPECIAL	209
T AND REGULATION REGULATION OF PHOTOSYNTHESIS IN AFRICAN	LAKES PHONOCEPTION IN ARROW WORMS STRATIFICATI	475
LAKE ERIE NEAR BUFFALO NY PARK LAND ACQUISITION FINGER	LAKES STATE PARK KEUKA LAKE NY I HAVE A KEEN	400
TOSYNTHESIS DISTRIBUTION OF PHYTOPLANKTON IN STRATIFIED	LAKES STRATIFICATION OF PHOTOPLANKTON POPULATION	28
PROJECT LOUISIANA VIRGINIA CAPES ARTIFICIAL REEFES GREAT	LAKES WATER LEVELS STUDY IMPACT ASSESSMENT OF W	625
AFRICAN LAKES AQUATIC PRIMARY PRODUCTIVITY IN TROPICAL	LAKES MEASUREMENT AND REGULATION REGULATION OF	475
ASSAGE FACILITY EVALUATION FISHERY MANAGEMENT IN PONDS	LAKES RESERVOIRS AND STREAMS ATLANTIC SHEP CLAM	284
G-STREAM-SOIL INTERACTIONS SEWAGE SLODGE DISPOSAL ON THE	LAND MINERAL CYCLING & WASTE DISPOSAL WASTEWATE	192
SYSTEMATIZE STUDY FACTS TO ASSESS ENVIRONMENTAL IMPACT CN	LAND - WILDLIFE RESOURCES THE TERRESTRIAL FAUNA	169
PAISAL OF A SUMMER CAMP LAKE ERIE NEAR BUFFALO NY PARK	LAND ACQUISITION FINGER LAKES STATE PARK KEUKA L	400
IONAL USES OF NATURAL RESOURCES USES OF NON-FARMED RURAL	LAND CAMPGROUNDS AND CAMPERS IN NEW YORK MARINAS	785
NING EVALUATE LAND FOR RESIDENTIAL DEVELOPMENT EVALUATE	LAND FOR COMMERCIAL DEVELOPMENT SOIL SCIENCE CL	621
PPING AND INTERPRETATIONS FOR LAND USE PLANNING EVALUATE	LAND FOR RESIDENTIAL DEVELOPMENT EVALUATE LAND F	621
HITE-TAILED DEER	LAND MANAGEMENT FOR UPLAND GAME WATER FOWL AND W	725
ESORT DEVELOPMENT PLANNING A CAMPSITE	LAND PLANNING PERTAINING TO ECOLOGY PLANNING A R	129
OSTS OF POWER POLLUTION CONTROL AIR NOISE AND RELATED	LAND POLLUTION AND LAND USE PLANNING AIR POLLUT	434
ENVIRONMENTAL POLLUTION AS IT RELATES TO AIR WATER AND	LAND QUALITY BIOLOGICAL IMPACT OF PESTICIDES PUG	652
ENT SOIL FERTILITY AND PLANT NUTRITION	LAND RECLAMATION AGRICULTURAL ECONOMIC DEVELOPM	335
ASSLAND FERTILITY AND MANAGEMENT; COASTAL STABILIZATION;	LAND RECLAMATION; MARSH BUILDING STABILIZATION A	801
NAL ANALYSIS OF FEDERAL RESOURCE DEVELOPMENT KEHOE LAKE	LAND REQUIREMENTS PLAN WILLOW ISLAND LOCKS AND D	407
D CHEMICAL PHENOMENA IN SOILS WASTEWATER DISPOSAL ON THE	LAND SLUDGE DISPOSAL ON THE LAND SOILS FOR WASTE	383
S WASTEWATER DISPOSAL ON THE LAND SLUDGE DISPOSAL ON THE	LAND SOILS FOR WASTEWATER DISPOSAL PHYSICAL AND	383
S IN SOUTH ILL. PPE-PLANNING FOR TOTAL LAND UTILIZATION	LAND STABILIZATION AND WATER UTILIZATION OF DRA	529
PLAN UPDATE LEASER LAKE RECREATIONAL HUNTING POTENTIAL	LAND USE AND GENERAL WATER RESOURCE PLANNING; HA	670
AND THERMAL STRUCTURE OCEAN'S THERMAL STRUCTURE STUDIES	LAND USE AND WATER INTERRELATIONSHIPS OCEAN AND	111
L CLASSIFICATION GENESIS AND MAPPING SOIL INTERPRETATION	LAND USE PART OF ANIMAL WASTE IN SOILS TROPICAL	92
MENTAL MANAGEMENT NUTRIENT CYCLING IN FOREST ECOSYSTEM	LAND USE IN RELATION TO ECOLOGICAL STABILITY - F	374
PROFESSIONAL EXPERIENCE CONSULTANT FORESTRY AND FIBERS &	LAND USE NATIONAL COMMISSION ON MATERIALS POLICY	135
EFFECTS OF HIGH MANURE RATES ON SOILS AND CROPS EFFECT OF	LAND USE ON WATER QUALITY EFFECTS OF FERTILIZERS	765
PPRESERVATION WATERSHED MANAGEMENT IN RELATION TO GROWTH	LAND USE PLANNING - ENVIRONMENTAL MANAGEMENT NUT	374
ION CONTROL AIR NOISE AND RELATED LAND POLLUTION AND	LAND USE PLANNING AIR POLLUTION CONTROL FROM WAS	434
SCIENCE CLASSIFICATION MAPPING AND INTERPRETATIONS PCR	LAND USE PLANNING EVALUATE LAND FOR RESIDENTIAL	621
S LONG-RANGE	LAND USE PLANNING FOR FISH AND WILDLIFE RESOURCE	582
SCIENCE APPLIED TO TREE WATER RELATION; MANS IMPACT; AND	LAND USE PLANNING TRANSPORT FACILITY IMPACT ON S	157
RELATED TO SOIL GENESIS CLASSIFICATION MORPHOLOGY AND	LAND USE THE EFFECT OF INDUSTRIAL ORGANIC WASTES	803
OLIATION AERIAL SENSING FOR EVALUATING; STRESS IN VEG.	LAND USE RECREATION AND NATURAL RESOURCES REMO	592
F REMOTE SENSING DATA SOIL SUITABILITY FOR SEPTIC TANKS	LAND USE REMOTE SENSING SOIL-WATER RELATIONSHI	546
RCH ON ACID SPOILS IN SOUTH ILL. PRE-PLANNING FOR TOTAL	LAND UTILIZATION LAND STABILIZATION AND WATER U	529
MENT REST AREA USAGE ACID AND GAS PRODUCTION IN SANITARY	LANDFILLS DECOMPOSITION OF CELLULOSE SOLID WAST	808
RINITY RIVER BASIN TEXAS ENVIRONMENTAL IMPACT BROCKHAVEN	LANDFILLS NEW YORK ENVIRONMENTAL IMPACT TITUS R	792
ON BK. TROUT FISHING QUALITY PREDATION ON NEWLY STOCKED	LANDLOCKED SALMON APPLIED PRACTICAL RESEARCH A	73

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

CLIMATE MODIFICATIONS IN REFORESTATIONS OF SURFACE-MINED	LANDS HYDROLOGICAL IMPORTANCE OF TRANSPIRATION C	421
ACT OF MAN ON APPALACIAN ECOSYSTEM	LANDS; FOREST AND WILDLIFE ECOLOGI	662
HEVY VS. OWNER OF A POND-COURT CASE DIET OF BLUEGILL AND	LARGEMOUTH BASS	289
ABUNDANCE AND MORTALITY FIELD EXPERIMENT ABUNDANCE ETC.	LARVA HERRING MAINE COAST ESTIMATES LARVAL HERR	273
EFFECTS OF TEMPERATURE ON LABORATORY REARED MARINE FISH	LARVAE PHYSIOLOGY AND BEHAVIOR OF FISHES	692
AVIOR OF MARINE SNAILS BEHAVIOR AND TRANSPORT OF BIVALVE	LARVAE EXPERIMENTAL ANALYSIS ECOLOGY PHYSIOLOGY	799
L IMPACT OF NUCLEAR PLANT, N.H. CCAST BIOLOGY OF MARINE	LARVAE AND FOULING AND BORING ORGANISMS LARVAL B	162
AND FOULING MOLLUSKS CINEMATOGRAPHIC STUDIES OF FOULING	LARVAE ECOLOGICAL IMPACT OF NUCLEAR PLANT N.R.	162
INES-EFFECTS OF HURRICANE AGNES FLOOD ECOLOGY OF PELAGIC	LARVAE OF MOLLUSKS IN ESTUARIES ECOLOGY OF ESTU	16
IOLOGY OF MARINE LARVAE AND FOULING AND BORING ORGANISMS	LARVAL BIOLOGY OF BORING AND FOULING MOLLUSKS CI	162
RETEBRATES MOVEMENTS OF DWARF SUCKERS, HOMING MECHANISMS	LARVAL FISH ECOLOGY ECOLOGY OF LIMNETIC BLUEGILL	772
AL FISHES AND THEIR IDENTIFICATICK LONG TERM RESEARCH ON	LARVAL FISH WATER CHEMISTRY THE STUDY OF FRESHW	666
ON LARVAL FISH WATER CHEMISTRY THE STUDY OF FRESHWATER	LARVAL FISHES AND THEIR IDENTIFICATION LONG TERM	668
Y SUBMERSIBLE STUDY HERRING EGG FEEDS ECOLOGY OF FISHES	LARVAL FISHES ESTIMATES OF ABUNDANCE AND MORTAL	273
MENT ABUNDANCE ETC. LARVA HERRING MAINE COAST ESTIMATES	LARVAL HERRING MORTALITY SUBMERSIBLE STUDY HERRI	273
GENERAL PEST MANAGEMENT EVAL	LARVICIDAL BRIQUETTES FOR CONT. MOSQUITOES	645
EFFECTS OF ORGANOPHOSPHATE INSECTICIDES ON ALGAE EFFECTS OF	LARVICIDES ON MICROCRUSTACEANS ECOLOGY OF SALT	600
ARY BOUNDARY LAYER MEASUREMENT OF ATMOSPHERIC TURBULENCE	LASER SCINTILLATION STUDIES ATMOSPHERIC TURBULE	773
EFFECT OF	LASERS ON CORNEA RETINA AND SKIN	304
RAMINIFERIDA ECOLOGY AND PALEOECOLOGY OF FORAMINIFERIDA	LATE PLEISTOCENE PALEOECOLOGY OF TONGUE OF OCEAN	445
WILDLIFE ESPECIALLY RARE AND ENDANGERED SPECIES AND IN	LATIN AMERICA AND CARIBBEAN ECOLOGICAL SURVEY VO	408
FORMATION AND FLORA PATTERNS OF VEGETATION VEGETATION CP	LATIN AMERICA TAXONOMY OF RAINFOREST CONIFERS G	178
E IDENTIFICATION PREPARATION OF BOOKS AND MAPS U.S. AND	LATIN AMERICA TREE IDENTIFICATION FOREST SURVEY	438
INDM ANODIZING TEXTILE WASTE TREATMNT SYSTEM INDUSTRIAL	LAUNDRY WASTE TREATMENT SYSTEM PROCESS ENGINEER	607
A GESE WILDLIFE ECOLOGY; WILDLIFE MANAGEMENT; WILDLIFE	LAW ENFORCEMENT BLACKBIRD DEPREDATIONS STUDIES E	330
ING PRESSURE EFFECTS ON PLANT POPULATIONS; ENVIRONMENTAL	LAW GRAZING PRESSURE EFFECTS ON PINE SEEDLING GR	611
N TIMBER OPERATIONS AND WILDLIFE WILDLIFE RESOURCES ST.	LAWRENCE BASIN VERTEBRATE ECOLOGY AND HABITAT S	762
CLUDING SOIL RELATIONSHIPS AND PHYSIOLOGICAL ECOLOGY ST.	LAWRENCE E. ONTARIO SHORELINE STUDY BIOGENIC SIL	250
ON STUDIES ATMOSPHERIC TURBULENCE IN PLANETARY BOUNDARY	LAYER MEASUREMENT OF ATMOSPHERIC TURBULENCE LASE	773
OF MAINTENANCE DREDGING-MOTSU ENVIRONMENTAL ASSESSMENT -	LAZ. CARD. MICH. MEX. NATURAL RESOURCE MANAGE	2
CATALYST FOR COMMUNITY GOVERNMENT WATERSHED IMPROVEMENT	LCWA AS FACTOR IN LOCAL AND STATE GOVERNMENT EN	483
HYDROSPHERE AND LITHOSPHERE (GECNICOAGIOLOGY) MICROBIAL	LEACHING OF LOW-GRADE SULFIDE ORES THE MICROBIOL	203
INETICS AIR PURIFICATION TRACE METALS IN LAKE WASHINGTON	LEAD IN COASTAL WATERS THERMODYNAMICS AND K	25
LOGY OF TWO DISSIMILAR SUBARCTIC STREAMS DISTRIBUTION CP	LEAD IN LENTIC WATERS CONTINGENCY PLAN FOR SUMMI	518
ES LUMPHOCYTIC CHROMIENINGITIS VIRUS RESEARCH EFFECT CE	LEAD IN ONCOGENESIS IMMUNOLOGY AND PATHOLOGY OF	397
ROCHEN. EFFECT OF RADIATION ON MENTAL FUNCTION EFFECT OF	LEAD INGESTION ON MENTAL FUNCTION BIOMEDICAL RE	241
SIANA WETLANDS WATERFOWL AND WETLAND ECOLOGY	LEAD POISONING IN WATERFOWL CANVASBACK DUCK LOUI	17
SPECIAL REFERENCE TO WATERFOWL AND ASSOCIATED ECOSYSTEMS	LEAD POISONING IN WATERFOWL TESTING LITERATURE	274
ECOLOGY OF INSECTS EFFECTS ATOMPHERIC	LEAD POLLUTION ON INSECT FOOD CHAIN	254
NEAR PHILADELPHIA SYSTEMATICS OF CYPERACEAE SYSTEMATIC	LEAF ANATOMY OF BULRUSHES SCANNING ELECTRON MICR	628
Y - ALLELOPATHY A STUDY OF THE EFFECT OF CERTAIN SPECIES	LEAF LITTER ON THE GROWTH OF CERTAIN PLANTS A PR	533
A PRELIMINARY STUDY OF EFFECTS OF CERTAIN FOREST SPECIES	LEAF MATERIAL ON GERMINATION AND GROWTH OF OTHER	533
RESOURCES REMOTE SENSING OF STRESS IN PLANT COMMUNITIES	LEAF REFLECTANCE AND RESPONSE TO STRESS REMOTE S	592
IP COMPREHENSIVE PLAN REGIONAL SEWER & WATER PLAN UPDATE	LEASER LAKE RECREATIONAL HUNTING POTENTIAL LAND	670
SUCCESSIONAL SPECIES PROPOSED ALIGNMENT I-78 PA. SOUTH	LEG FREEWAY NORTHWEST EXPRESSWAY ALIGNMENT ENVI	746
IRONMENT REPORT OF I 95 ENVIRONMENTAL STAFF ANALYSIS CP	LEGAL RIGHTS AND DUTIES ARISING FROM THE USE OF	422
S COAL COMMUNITY ABANDONMENT AND DECAY ANTI STRIP MINING	LEGISLATION - CONSULTATION COAL MINING ASSOCIAT	810
ON/DEVELOP ENVIRONMENTAL POLICY FOR CT PESTICIDE CONTROL	LEGISLATION FOR CT PEST CONTROL; URBAN VERMIN C	388
L INSTITUTE OF TROPICAL AGRICULTURE PLANT BREEDER GRAIN	LEGUMES CONSULTANT ON UNIVERSITY DEVELOPMENT TR	503
LOGY BIODEGRADATION OF PESTICIDES MODULATION OF TROPICAL	LEGUMES POLLUTION OF FARM PONDS SOIL MICROBIO	491
BREEDING PSEUDO-SELF-COMPATIBILITY OF RED CLOVER PORAGE	LEGUMES SOYBEAN BREEDING & CULTURE PLANT	423
OGICAL METHODS FISH GENETICS HERTIABILITY OF WEIGHT AND	LENGTH IN CHANNEL CATFISH ORGANIC COMPOSITION OF	574
FEEDING ECOLOGY OF FISH IN STREAM ECOLOGY OF FISHES IN	LENTIC AND LOTIC ENVIRONMENTS DOMESTIC EFFLUENT	750
TWO DISSIMILAR SUBARCTIC STREAMS DISTRIBUTION OF LEAD IN	LENTIC WATERS CONTINGENCY PLAN FOR SUMMIT & PAYS	518
LOGICAL EFFECTS TRANSPORT FACILITIES WESTCHESTER COUNTY	LENTIC-LOTIC STUDY PHYTOBAC MARINE MICROBIOLOGY	113
TION OF TUNIS THERMAL EFFECTS UPON EARLY LIFE HISTORY OF	LEPCNIS MACROCHIRUS CONTROLLED SPAWNING OF FRESH	176
N ENDOCRINOLOGY OF COLOR CHANGE IN CROTAPHYTUS HABENULAR	LESIONS AND GNAWING IN RATS BEHAVIOR OF VERTEBR	148
TURKEY PRESEASON BANDING ORNITHOLOGY AT THE ORGANISMIC	LEVEL; ECOLOGY BEHAVIOR POPULATION DYNAMICS NE	285
IGRATIONS MANHADEN PARASITES EFFECTS OF FLOCCATING WATER	LEVELS FISHERIES AND AQUATIC BIOLOGY MANHADEN M	405
PARK SITE NY CT. NY BEHAVIORAL ECOLOGIST UPPER TROPIC	LEVELS ECOSYSTEM MONITORING VIA AVIFAUNA AN. ECO	130
WAGE CONSTRUCTION; FISHES MACROINVERTEBRATES AND TROPIC	LEVELS HARRISBURG FLOOD PROTECTION STUDY SCHUYLK	183
ZOO. IN THE HUDSON ESTUARY DIEDRIN CONC. IN THE TROPIC	LEVELS OF A MARSH THE FACTORS CONTROLLING THE SP	594
ISIANA VIRGINIA CAPES ARTIFICIAL REEFS GREAT LAKES WATER	LEVELS STUDY IMPACT ASSESSMENT OF WATER RESOURC	625
VIROENMENTAL EDUCATION BOTH TECHNICAL AND GENERAL ALL AGE	LEVELS MULTI. MEDIA PRESENTATIONS PRECIOUS META	525
READER & LEWIS WOODPECKERS WINTER ECOLOGY & BEHAVIOR OF	LEWIS WOODPECKERS BEHAVIOR AND ECOLOGY OF NORTH	291
SQUIRRELS ASPEN GREENBELT STUDY SYMPATRY OF RED HEADED &	LEWIS WOODPECKERS WINTER ECOLOGY & BEHAVIOR OF I	291
A WATER OCEAN RESOURCES NEW YORK EIGHT ATOMIC SAFETY AND	LICENSING BOARD CHEMISTRY OF SE	443
LOGY BRYOLOGY	LICHENOLOGY MOSS CYTOLOGY SPHAGNUM TAXONOMY & EC	666
URVEY OF CAPE VINCENT NEW YORK ECOLOGICAL SURVEY OF DEER	LICK INTERPRETING NATURAL HISTORY STUDY OF RARE	540
ON AQUATIC LIFE EFFECTS OF PAPER MILL WASTES ON AQUATIC	LIFE EFFECTS OF POLLUTION ON THE AQUATIC ECOLOG	38
QUATIC LIFE EFFECTS OF PAPER MILL DISCHARGE UPON AQUATIC	LIFE BIOASSAY AND IN STREAM EFFECTS OF CHEMICAL	8
TS OF METALS CRUDE OIL INSECTICIDES SYNDETS TO MARINE	LIFE CADMIUM POISONING IN MARINE ORGANISMS TOXIC	205
MARINE ORGANISMS TOXICOLOGY OF SYNDETS AND NTA TO MARINE	LIFE CRUDE OIL TOXICITY IN RED SEA PHYSIOLOGICA	205
ICROBIAL ECOLOGY OF SOILS AND WATERS WORKSHOP ON ECOLOGY	LIFE DEFECTION ON OTHER PLANETS CONSULTANT TO IN	566
LGAE AND FISHES EFFECTS OF HEATED DISCHARGE UPON AQUATIC	LIFE EFFECTS OF PAPER MILL DISCHARGE UPON AQUATI	8
UATIC LIFE EFFECTS OF TURBIDITY AND SILTATION ON AQUATIC	LIFE EFFECTS OF PAPER MILL WASTES ON AQUATIC LIF	38
THE AQUATIC ECOLOGY THERMAL POLLUTION EFFECTS ON AQUATIC	LIFE EFFECTS OF TURBIDITY AND SILTATION ON AQUAT	38
E RESEARCH NEEDS FOR N.C. FISHERIES ESTUARINE INVENTORY	LIFE HISTORIES OF AND FISHERIES FOR ANADROMOUS F	704
T-YEAR GROWTH ALEWIFE LAKE ONTARIO OPERATION CLEARWATER	LIFE HISTORIES OF FRESH-WATER FISHES CRANBERRY L	211
POTONOC RIVER, MD MARINE FISHERIES BIOLOGY; AGE-GROWTH	LIFE HISTORIES; ENVIRONMENTAL IMPACT STATEMENTS	48
ES CHEMICAL RESIDUES IN LIVESTOCK NATIVE RODENTS IN UTAH	LIFE HISTORY AND ECOLOGY OF BIRDS AND MAMMALS OF	99
E CATSKILLS, NEW YORK BEAR STUDY ADIRONDACKS BEAR STUDY	LIFE HISTORY AND MANAGEMENT OF BLACK BEAR AND WH	486
OLOGICAL KNOWLEDGE OF MARINE ALGAE ITS REPRODUCTION AND	LIFE HISTORY FLORISTIC SURVEY OF MOREHEAD CITY	519
OBJECT MASS COOP FISHERY UNIT CONNECTICUT RIVER PROJECT	LIFE HISTORY OF ANADROMOUS SPECIES AND OPERATION	226
ULATION MODELING AQUATIC ECOLOGY AND FISHERIES BIOLOGY	LIFE HISTORY OF DOROSOMA PETENENSE IN ARIZONA RO	376

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TY; AGING SEX RATIOS LIFE HISTORY OF SKIPJACK TUNA	LIFE HISTORY OF FISHES; SEXUAL MATURITY; FECUNDI	44
GOING EUTROPHICATION OF TUNIS THERMAL EFFECTS UPON EARLY	LIFE HISTORY OF LEPOMIS MACROCHIRUS CONTROLLED S	176
OF FISHES; SEXUAL MATURITY; FECUNDITY; AGING SEX RATIOS	LIFE HISTORY OF SKIPJACK TUNA	44
WATER STREAMS WATER QUALITY OF 3 RIVER BASIN IN N.E. MC.	LIFE HISTORY OF THE EMERALD SHINER IN SO. DAK.	242
SYSTEMATICS OF TINAMOUS SYSTEMATICS DISTRIBUTION AND	LIFE HISTORY OF VERTEBRATES ESP. BIRDS AND MAMM	32
NS SKINK POPULATION ECOLOGY OF COLO-CLOODED VERTEBRATES	LIFE HISTORY OF WEHRLES SALAMANDER ECOLOGY OF A	295
BOOK EXPERT ON NATIONAL PARKS AND WILDLIFE MANAGEMENT	LIFE HISTORY RESEARCH ON WILDLIFE NATIONWIDE OUT	378
AND FISRWAY CONSTRUCTION STRIPED BASS AND SMELT FISHERY	LIFE HISTORY STUDIES OF ANADROMOUS FISH OF THE N	220
HYSOBE TOXOPLASMOSES ACAROLGY SOIL MITES (ORIBATEI)	LIFE HISTORY STUDIES TAXONOMY SABBATICAL - UNIV	633
AN LIFE HISTORY AND ECOLOGY OF BIRDS AND MAMMALS OF UTAH	LIFE HISTORY ECOLOGY AND MIGRATION OF PELAGIC B	99
AR LIFE HISTORY, ECOLOGY AND MIGRATION OF PELAGIC BIRDS	LIFE HISTORY ECOLOGY OF BIRDS AND MAMMALS AND W	99
PROGRAM ESTUARINE FISHERIES; POPULATION DYNAMICS; EARLY	LIFE HISTORY; TAXONOMY OF SCIAENIDAE PARKER RIVE	137
CONSULTATION RESEARCH TESTING	LIFE SCIENCES	235
OF WASTE TO FUEL GAS ENVIRONMENTAL IMPACT STATEMENT DVC	LIG. BOT.	27
IN DIATOM POPULATION DYNAMICS TOXICITY OF SOLFITE WASTE	LIGACC TO B. TROUT FISH BIOASSAYS ACUTE 6. SUBL	281
ENT REMOTE SENSING OF THE OCEAN PRODUCTIVITY POLLUTION	LIGHT PENETRATION IN SEA AND ECOLOGICAL EFFECTS	132
L OCEANOGRAPHY ANALYSIS ENVIRONMENTAL BUOY DATA ANALYSIS	LIGHTSHIP DATA AND WEATHER E. COAST U.S. AIR SEA	122
ELEVENCE TO POLLUTION CONTROL BIOCHEMICAL DEGRADATION CP	LIGNIN DEVELOPMENT OF NOVEL WASTE TREATMENT AERA	694
STIGATION OF THE SCHUYLKILL RIVER IN THE VICINITY OF THE	LIMERICK NUCLEAR GENERATING STATION ECOLOGICAL I	337
N AND ANCIENT CARBONATE SEDIMENTS PALECOLOGY OF TICHENOR	LIMESTONE FORAMINIFERAL-ALGAL COLONIES BAHANAS S	90
ND CROPS SOIL FERTILITY AND CROP PRODUCTION RESEARCH IN	LIMING FERTILIZERS SOIL FORMATION EFFECTS OF HI	765
CKERS, HOMING MECHANISMS LARVAL FISH ECOLOGY ECOLOGY OF	LIMNETIC BLUEGILL FRY IMPACT OF DYLOX ON AQUATIC	772
LANKTON	LIMNETIC PHYTOPLANKTON GRAZING BY ESTUARINE ZOOPL	39
CHANNELIZATION ON FISHES AND THEIR HABITAT OYSTER CULTCH	LIMNOLOGICAL STUDY OF FONTANA RESERVOIR FISHERY	441
USING HEAVY METALS & HEAT AS WELL AS GENERAL LIMNOLOGY	LIMNOLOGICAL SURVEY OF A BAY ON LAKE CHAMPLAIN	279
CE AQUATIC ECOLOGY SPECIALIZING IN PRODUCTIVITY STUDIES	LIMNOLOGICAL SURVEY OF THE CLARION AND TIONESTA	495
EA ZOOPLANKTON STUDIES IN OSWEGO HARBOR AREA BIOLOGICAL	LIMNOLOGY & FISHERIES BIOLOGY BENTHOS OF NEAR SH	207
EMENT - REVIEW OF NEPA STATEMENTS INFORMAL CONSULTATION	LIMNOLOGY - STREAM SYSTEM - WRITING OR EVALUATING	527
DY OF FONTANA RESERVOIR FISHERY MANAGEMENT ECOLOGY AND	LIMNOLOGY EFFECT OF CHANNELIZATION ON FISHES AND	441
LEGAL - BACTERIA SYMBIOSIS NORTH AMERICAN ALGAL TAXONOMY	LIMNOLOGY EUTROPHICATION OF ONIDA LAKE NEW YOR	278
ERTEBRATES USING HEAVY METALS & HEAT AS WELL AS GENERAL	LIMNOLOGY LIMNOLOGICAL SURVEY OF A BAY ON LAKE C	279
GEOCHEMISTRY OF MARINE AND FRESHWATER SEDIMENTS REGIONAL	LIMNOLOGY OF MINNESOTA POLLUTION OF LAKE ONUNDAG	182
Y WATER POLLUTION BIOLOGY CHEMISTRY BENTHIC FAUNA FISHES	LIMNOLOGY OF TWO DISSIMILAR SUBARCTIC STREAMS DI	518
F SUSPENDED AND COLLOIDAL PARTICLES IN WATER BIOPHYSICAL	LIMNOLOGY REGENERATION OF CHEROKEE RESERVOIR BACTE	409
ENTIC WATERS CONTINGENCY PLAN FOR SUMMIT & PAXSON LAKES	LIMNOLOGY WATER POLLUTION BIOLOGY CHEMISTRY BENT	518
A STRONG BACKGROUND IN ICHTHYOLOGY AQUATIC ENTOMOLOGY	LIMNOLOGY AND ENVIRONMENTAL POLLUTION INSTREAM	337
ROCKS ISLAND DAM	LIMRICK NUCLEAR STATION	363
ERPOWL TERRESTRIAL & WETLAND EVALUATION FOR TRANSMISSICN	LINE CORRIDOR WILDLIFE EVALUATION DRAFT E.I.S.	575
SOIL CLAY MINERALGY AND SYSTEMS ANALYSIS	LINEAR PROGRAM FOR QUANTITATIVE CLAY ANALYSIS	351
DEVELOPMENT TESTING OF INBRED	LINES AND HYBRIDS OF FELD CORN	357
EFFECTS OF NUCLEAR POWER PLANTS ECOLOGICAL ASSESSMENT OF	LIQUID NATURAL GAS ECOLOGICAL ASSESSMENT OF SWG	511
SOCIATED ECOSYSTEMS LEAD POISONING IN WATERFOWL TESTING	LITERATURE REVIEW ON EFFECTS OF HEAVY METALS IN	274
RINE BACTERIA ACTIVITIES OF MICROBES IN HYDROSPHERE AND	LITOSPHERE (GEOMICROBIOLOGY) MICROBIAL LEACHING	203
LLEOPATNY A STUDY OF THE EFFECT OF CERTAIN SPECIES LEAF	LITTER ON THE GROWTH OF CERTAIN PLANTS A PRELIM	533
IVER NEAR BORDENTOWN NJ NJ MARINE ECOLOGICAL STUDY NEAR	LITTLE EGG INLET MARINE AND FRESHWATER FISHERIE	457
CEVEN PARK HISTORIC HOUSE & CARRIAGE MUSEUM IMPACT STUDY	LITTLE KANAWHA R. W. VA. DESIGN AND MANAGEMENT	634
CTS IN A MARINE SNAIL EFFECTS OF HIGH TEMPERATURES ON L.	LITTOREA DRIFT BOTTLE STUDIES AT BODEGA HEAD CA	299
SPECIES EVALUATION OF EXOTIC GAME BIRD PROGRAM PREASANT	LIVE TRAPPING STUDY QUANTICO MCB DEAD DEER SURVE	718
CLING ORGAN GROWTH IN MAMMALS MECHANISM OF DRUG INDUCED	LIVER GROWTH DAMAGE INDUCED GROWTH - RADIATION	20
S AND MAMMALS AND WILDLIFE DISEASES CHEMICAL RESIDUES IN	LIVESTOCK NATIVE RODENTS IN UTAH LIFE HISTORY AN	99
DLIFE ACID MINE DRAINAGE ABATEMENT WORLD HERITAGE TRUST	LIVING RESOURCE MANAGEMENT EFFECTS OF SURFACE MIN	677
BIOLOGY AND MANAGEMENT OF FREE	LIVING UNGULATES	149
FAUNA SOUTHERN SPAIN BIOGEOGRAPHY HERPETOFAUNA, MOROCCO	LIZARD ECOLOGY PRESAHARAN ECOSYSTEM IN SOUTHERN	97
ECOLOGICAL SURVEY OF TERRESTRIAL VERTEBRATE POPULATIONS	LIZARD ECOLOGY SQUIRREL COMPETITION AND ECOLOGY	215
BIOGEOGRAPHY COMP. POP. CYTOGENETICS & EVOL. SCELPOPORUS	LIZARDS EVOLUTION COMPARATIVE POPULATION CYTOG	297
ERAL CYCLING COVE POINT BENTHIC STUDY EFFECTS OF THERMAL	LOADING AND WATER QUALITY ON ESTUARINE ONE DEGRE	300
FISH IN NEW YORK RESPONSE OF FISH POPULATION TO REDUCED	LOADING OF LAKE PHOSPHORUS POPULATION DYNAMICS	277
AL MANAGEMENT PRIMARY PRODUCTIVITY ANNUAL AND SEASONAL	LOBLOLLY PINE SITE PRODUCTIVITY - SOIL FACTORS W	571
EMENT OF NORTHWEST ATLANTIC HERRING STOCKS STATE-FEDERAL	LOBSTER MANAGEMENT PLAN - II STATES MAXIMIZING L	18
E-FEDERAL LOBSTER MANAGEMENT PLAN - II STATES MAXIMIZING	LOBSTER YIELDS POPULATION DYNAMICS OF MARINE PI	18
D FLOATING TRAP FISHERY TEMPERATURE EFFECTS ON YIELDS CP	LOBSTERS POPULATION DYNAMICS INCLUDING STATISTI	651
ORITY GOVERNMENT WATERSHED IMPROVEMENT LCWA AS FACTOR IN	LOCAL AND STATE GOVERNMENT ENVIRONMENTAL ACTION	483
ANT BIOLOGISTS NEOTROPICAL ANGIOSPERM TAXONOMY; NE U.S.	LOCAL FLORA; CONN. TIDAL MARSHES STATE OF CONNEC	424
MENTAL PLANNING SOLID WASTE MANAGEMENT PLAN BERKS COUNTY	LOCAL GOVERNMENT PLAN PHYSIOLOGICAL ECOLOGY & C	385
CHURCH DAM SITE BIOLOGICAL IMPACT OF GATERIGHT DAM SITE	LOCATION FOR HAMPTON ROADS SPOIL BANK ECOLOGY A	62
FISHES AND FEEDING COMPETITION ON AN INTERSPECIFIC LEVEL	LOCATION OF SHAD SPAWNING SITES CONNECTICUT RIV	190
ELOPMENT KENOE LAKE LAND REQUIREMENTS PLAN WILLOW ISLAND	LOCKS AND DAM - ENV. IMPACT STATEMENT ENVIRONMENT	407
COLOGY WATER RELATIONS OF DESERT ANTELOPES ENERGETICS CF	LOCOCATION METABOLISM & TEMPERATURE REGULATION	716
ECTS GENETICS OF ADAPTIVE RACE FORMATION DYNAMICS OF TWO	LOCUS SYSTEMS BEHAVIOURAL ASPECTS OF MIMICRY EV	732
VALUATION - WASTE DISPOSAL FOR CAMPGROUND SOIL DAMAGE CN	LOGGED AREAS OF NEW YORK SOIL SCIENCE APPLIED T	157
ECOLOGY AND HABITAT SELECTION BIRD POPULATION EFFECT CF	LOGGING ON TIMBER OPERATIONS AND WILDLIFE WILDLI	762
PE RESOURCES	LONG-RANGE LAND USE PLANNING FOR FISH AND WILDLI	582
NES ON DELAWARE ESTUARY ECOLOGICAL SURVEY OF C & D CANAL	LONG-TERM EFFECTS OF CORTICOSTEROIDS ADMINISTERED	717
XICOLOGY ESPECIALLY OF AIR WATER AND OTHER POLLUTANTS	LONG-TERM EFFECTS OF PESTICIDES IN SSTRRESS CONDI	539
YNDROME IN THE HARD CLAM PATTY ACIDS IN MARINE FOOD WEBS	LONG-TERM OBSERVATIONS ON BENTHIC FISHES DISTRI	366
TER BALANCE IN FISH REPTILES AND AMPHIBIA ANOXIA AND NA	LOSS IN BROOK TROUT AT LOW PH SALT GLAND OF SEA	530
OLOGY OF FISH IN STREAM ECOLOGY OF FISHES IN LENTIC AND	LOTIC ENVIRONMENTS DOMESTIC EFFLUENT IN LAKE WAT	750
H OIL SPILL IN THE SCHUYLKILL RIVER BASIN AQUACULTURE IN	LOUISIANA SALT-MARSH IMPOUNDMENT SHELLFISH HATCH	597
CTS ON FISH AND WILDLIFE SABINE RIVER DIVERSION PROJECT	LOUISIANA VIRGINIA CAPES ARTIFICIAL REEFS GREAT	625
LAND ECOLOGY LEAD POISONING IN WATERFOWL CANVASBACK DUCK	LOUISIANA WETLANDS	17
PTILES AND AMPHIBIA ANOXIA AND NA LOSS IN BROOK TROUT AT	LOW PH SALT GLAND OF SEA SNAKES ION AND WATER BA	530
AND LITOSPHERE (GEOMICROBIOLOGY) MICROBIAL LEACHING CP	LOW-GRADE SULFIDE ORES THE MICROBIOLOGY & MANGAN	203
SIMULATED YIELD OF DOUGLAS FIR TREE AND STAND DATA FROM	LOW-LEVEL AERIAL PHOTO RESPONSE OF DOUGLAS FIR T	490
LOGY-ECOLOGY HOLOTHURIANS (COLD WATER-BOREAL) ECOLOGY CP	LULUHARIA PROUDOSA INTRASPECIFIC VARIATION IN PH	380
BENOTE SENSING SHALLOW MARINE COMMUNITIES DINOFLAGELLATE	LUMINES CENCE ANALYSIS OF PRODUCTIVITY FRESH WA	390

TABLE 1. RESEARCH OR CONSULTATION PROJECTS AND PRINCIPAL FIELD

NECIS IMMUNOLOGY AND PATHOLOGY OF ANIMAL VIRUS DISEASES	LUMPHOCYTIC CHORIOMENINGITIS VIRUS RESEARCH	397
ED HYPERSENSITIVITY TO BERYLLIUM COMPOUNDS THE EFFECT OF	LONG ANTIBODY ON EXPERIMENTAL PNEUMOCONIOSIS AN	95
FOR HYPERSENSITIVITY PNEUMONITIS IMMUNOLOGY OF CHRONIC	LUNG DISEASES ESPECIALLY OCCUPATIONAL RELATED D	95
N OF PROTEINS OF JOGLANS SEEDS COMPARISON OF PROTEINS OF	LYCOPODIUM SPORES COMPARATIVE STUDIES OF PLANT	132
EMUNITY ECOLOGY ECOLOGICAL AND REPRODUCTIVE ISOLATION IN	LYGABIDES DESERT PLANT - ARTHROPOD ASSOCIATIONS	119
PREGNANCY TEST IN PITCHES SEPARATION OF THROMBOCYTES AND	LIMPHOCYTES FROM AVIAN BLOOD BASIC SCIENCES REL	752
WARDS TO WASTE DISPOSAL NORTHPORT NY HYDROTHERMAL SOFFEY	LYNN MASS. ECOLOGIC SURVEY EGG HARBOR NY HYDRO	143
MICROBIAL ECOLOGY; ALGAL VIINOLOGY	LYSOGENY IN BLUE-GREEN ALGAE	106
UCATION DYNAMICS OF A POP. OF SOFTSHELL CLAMS IPSWICH	MA ENVIRONMENTAL IMPACT STATEMENTS MERCURY IN SE	496
ACTS IN AQUATIC ECOSYSTEMS IMPACT OF OIL SUPERTANKERS ON	MACHIAS BAY MAINE OFFSHORE OIL AND NEW ENGLAND;	497
AND LIFE HISTORY FLORISTIC SURVEY OF MOREHEAD CITY PORT	MACON JETTY'S NORTH CAROLINA TAXONOMIC AND MORP	519
FLC COMMUNITIES DIATOM FLUCTUATIONS IN ACID MINE WATERS	MACROBENTHIC ASSOCIATIONS IN RIPPLE WATERS MACR	116
E SYSTEMS CARBON-14 BENTHIC ECOLOGY-FOOD CHAIN DYNAMICS	MACROBENTHOS OF CAPE FEAR RIVER ESTUARY FOOD CHA	720
MINE WATERS MACROBENTHIC ASSOCIATIONS IN RIPPLE WATERS	MACROBENTHOS SYNERGISMS OF RIPPLE COMMUNITIES D	116
TUNIS THERMAL EFFECTS UPON EARLY LIFE HISTORY OF LPPOMIS	MACROCHIRUS CONTROLLED SPAWNING OF FRESH WATER/M	176
LUTION ON BENTHIC ORGANISMS EFFECTS OF DYLOX ON BENTHIC	MACROFAUNA EFFECT OF CIRCULATING WATER SYSTEMS L	381
Y TECHNIQUE IN ENDPIN POISONING OF SHAWNEE LAKE BENTHIC	MACROFAUNAL PRODUCTION ACID MINE DRAINAGE STREAM	282
ER ESTUARY AQUATIC; THERMAL SEWAGE CONSTRUCTION; FISHERS	MACROINVERTEBRATES AND TROPHIC LEVELS HARRISBURG	183
TS OF PUMP STORAGE POPULATION DYNAMICS OF SALMONIDS AND	MACROINVERTEBRATES CORNING GLASS WORKS EFFECTS O	619
GARIES CRAB RESOURCES OF MAINE AQUACULTURE POTENTIAL FOR	MAINE MARINE BOTANY - BOTH PHYCOLOGY & MYCOLOGY	583
NG BEHAVIOR OF MALE WOODCOCK ECOLOGY OF RUFFED GROUSE IN	MAINE WILDLIFE ECOLOGY AND WILDLIFE MANAGEMENT	618
KTON - DIATOM STUDY OF MAINE ESTUARIES CRAB RESOURCES OF	MAINE AQUACULTURE POTENTIAL FOR MAINE MARINE BO	583
ORTALITY FIELD EXPERIMENT ABUNDANCE ETC. LARVA HERRING	MAINE COAST ESTUARIES LARVAL HERRING MORTALITY S	273
ISLANDS TRUST BILL EUTOPHICATION OF COBBOSEB WATERSHED	MAINE COASTAL WETLANDS GROUNDWROTH DENNIS AND TR	516
ERM EFFECTS OF ACCOTHION ON FISH POPULATIONS IN NORTHERN	MAINE EFFECTS OF VARIOUS STOCKING RATES IN PONDS	73
CTH PHYCOLOGY & MYCOLOGY NANNOPLANKTON - DIATOM STUDY OF	MAINE ESTUARIES CRAB RESOURCES OF MAINE AQUACUL	583
TIC ECOSYSTEMS IMPACT OF OIL SUPERTANKERS ON MACHIAS BAY	MAINE OFFSHORE OIL AND NEW ENGLAND; BIOLOGICAL E	497
CTIVITY IN THE MARINE ENVIRONMENT PRODUCTIVITY - GULF OF	MAINE THERMAL EFFECT ON ALGAE PRODUCTIVITY - FLO	805
CTIVITY IN THE MARINE ENVIRONMENT PRODUCTIVITY - GULF OF	MAINE THERMAL EFFECT ON ALGAE PRODUCTIVITY - FLO	806
ECOLOGICAL STUDIES CONNECTICUT RIVER HYDROGRAPHIC STUDY	MAINE YANKEE HAMPTON HYDROGRAPHIC STUDY THE USE	689
PACT STATEMENT WYOMING VALLEY SUSQUEHANA RIVER PA EUE	MAINTENANCE DREDGING ST. CATHERINE SD. POTOMOC B	48
TH FLORIDA REGIONAL AIRPORT SITE SLECTION STUDY EFFECT OF	MAINTENANCE DREDGING-MOTSO ENVIRONMENTAL ASSESSM	2
ONG WATER BORNE DISEASES	MALACCOLOGY ANATOMY IMMUNOLOGY SYSTEMATICS MEK	173
TORY, WOODS HOLE, MASS. SHELL PENETRATION BY ORGANISMS	MALACCOLOGY INVERTEBRATE ZOOLOGY MARINE-ESTDARI	112
CULTIVATION OF PARASITES AND INVERTEBRATES CULTIVATION OF	MALARIA DESIGN AND OPERATION OF DYNAMIC SYSTEMS	728
OF RURAL AFGANISTAN EFFECT OF MICROSPORIDAN PARASITES ON	MALARIA MED ENTOMOLOGY WITH EMPHASIS ON DISEASE	755
LIES ON CHOCERCIASIS CONTROL MICROSPORIDS ON BLACK FLIES	MALARIA CONTROL BLOODSHCKING F	364
E TRANSMISSION AND VECTOR BIOCONTROL ADAPTATION OF HUMAN	MALARIA TO ANIMAL MODELS MEDICAL ENTOMOLOGY OF R	755
AME INFLUENCE OF DEER ON VEGETATION BREEDING BEHAVIOR OF	MALE WOODCOCK ECOLOGY OF RUFFED GROUSE IN MAINE	618
TION DYNAMICS OF AVIAL SPECIES POPULATION ECOLOGY OF THE	MALLARD PESTICIDES TERRITORIAL BEHAVIOR AND TH	326
OF BIGHORN SHEEP PHYSIOLOGICAL EFFECTS OF STARVATION OR	MALNUTRITION UPON MULE DEER INTERRELATIONSHIPS	623
L AND TEMPORAL DISTRIBUTION OF ZOOPLANKTON THE EFFECT OF	MALTHION ON CRAYFISH RESPIRATION TEMPORAL & SPAT	594
PARATIVE VERTEBRATE ETHOLOGY-ALL VERTEBRATE CLASSES-ESP.	MAMM. PREDATORY BEHAVIOR COM	110
OT REMUNERATION BROAD NATURAL HISTORY ESPECIALLY BIBE	MAMMAL AND PLANT ECOLOGY ALL CONSULTANT SERVICES	210
SURVEY REVIEW OF TRANSALASKA OIL PIPE IMPACT REP. ARCTIC	MAMMAL PHYSIOLOGY RESEARCH PHYSIOLOGY AND ECOLO	327
FIELD WORK FOR RESEARCH IN RANGE ECOSYSTEMS AND SMALL	MAMMAL POPULATION DYNAMICS	461
MALL MAMMALS STRUCTURE AND FUNCTION - FORESTS AND SMALL	MAMMAL POPULATIONS FORESTS OF PRINCE EDWARD CO.	251
RIMENTAL VEPT. ECOLOGY AND CYTOGENETICS WITH EMPHASIS ON	MAMMAL POPULATIONS VERTEBRATE WATERSHED SURVEY C	78
NAMICS OF RAPTORS IN SHORTGRASS PRAIRIE AVIAN ECOLOGY &	MAMMALIAN AND COMPARATIVE PHYSIOLOGY BOTH IN LAB	523
ECTION MICROSCOPY OF VIRUSES INHIBITOR OF RNA SYNTHESIS	MAMMALIAN CELL CULTURE CELL CULTURE ASSAY OF WAT	219
IONES AND APPLICATIONS CONTROL OF CELL PROLIFERATION IN	MAMMALIAN CELLS CAMP AND SECRETION DNA SYNTHESIS	451
KIDNEY GROWTH COMPENSATORY HYPERTROPHY DEVELOPMENT OF	MAMMALIAN KIDNEY COMPENSATORY HYPERTROPHY OF RAT	593
ANGES DURING DEVELOPMENT RNA-INDUCED METAPLASIA CELLS OF	MAMMALIAN OVIDUCT CELL AND TISSUE CH	259
LOGY EFFECTS OF ENVIRONMENTAL PCLUTION UPON AVIAN AND	MAMMALIAN REPRODUCTION FULL TIME RESEARCH SINCE	108
NDIAN MIDDENS AVIAN POPULATIONS IN OLD FIELD SUCCESSION	MAMMALIAN SYSTEMATICS AND ECOLOGY VERTEBRATES OF	758
THE ECOLOGY AND MANAGEMENT OF GAME SPECIES OF BIRDS AND	MAMMALS	138
PRINCE EDWARD CO. VIRGINIA POPULATION DYNAMICS OF SMALL	MAMMALS STRUCTURE AND FUNCTION - FORESTS AND SM	251
PSY MOTH METABOLISM AND MODE OF ACTION OF PESTICIDES IN	MAMMALS AND ARTHROPODS MODE OF ACTION AND DEGRAD	7
AL BEHAVIOR PARASITES OF MAN AND SMALL	MAMMALS AND EXPERIMENTAL NATURAL HISTORY IN ANIM	283
ION OF PELAGIC BIRDS LIFE HISTORY ECOLOGY OF BIRDS AND	MAMMALS AND WILDLIFE DISEASES CHEMICAL RESIDUES	99
IN EASTERN NORTH AMERICA MICROHABITAT SELECTION IN SMALL	MAMMALS AT THE CONIFEROUS-DECIDUOUS ECOTONE ECOL	398
MAMMALS OF NEW MEXICO EVOLUTIONARY BICLOGY OF	MAMMALS BAT ECOLOGY ANIMAL - PLANT INTERACTIONS	790
IBUTION AND LIFE HISTORY OF VERTEBRATES ESP. BIRDS AND	MAMMALS COMPILATION OF WILDLIFE IMPORTED IN US S	32
ETICS AND DISTRIBUTION EFFECTS OF AIR POLLUTION ON SMALL	MAMMALS ENERGETICS OF PASSERINE NESTLINGS VERTE	65
ON FROM SEDIMENTS NUTRIENT STUDIES ON CORAL REEFS MARINE	MAMMALS FROM CAPE COD TO CAPE HATTERAS AQUATIC	551
EST AND WILDLIFE ECOLOGY POPULATION STUDIES FOREST SMALL	MAMMALS IMPACT OF MAN ON APPALACIAN ECOSYSTEM E	662
IC MAMMAL PHYSIOLOGY RESEARCH PHYSIOLOGY AND ECOLOGY OF	MAMMALS IN ARCTIC AND COLD CONDITIONS NUCLEAR PO	327
ATICS AND DISTRIBUTION ECOLOGY AND SYSTEMATICS OF SMALL	MAMMALS IN EASTERN NORTH AMERICA MICROHABITAT SE	398
S POPULATION BIOLOGY AND ECOLOGICAL ENERGETICS OF SMALL	MAMMALS IN FORESTS EFFECT OF MAST PRODUCTION ON	276
AL ARENOGENESIS MECHANISMS CONTROLLING ORGAN GROWTH IN	MAMMALS MECHANISM OF DRUG INDUCED LIVER GROWTH D	20
AND ENVIRONMENTS ECOLOGY OF THE MOHAWK RIVER FLOODPLAINS	MAMMALS OF BLUE RIDGE MOUNTAINS SMALL MAMMALS OF	118
OLOGY OF MAMMALS BAT ECOLOGY ANIMAL - PLANT INTERACTIONS	MAMMALS OF NEW MEXICO EVOLUTIONARY BI	790
RIVER FLOODPLAINS MAMMALS OF BLUE RIDGE MOUNTAINS SMALL	MAMMALS OF PIEDMONT FORESTS ECOLOGICAL RELATION	118
VE RODENTS IN UTAH LIFE HISTORY AND ECOLOGY OF BIRDS AND	MAMMALS OF UTAH LIFE HISTORY ECOLOGY AND MIGRAT	99
ALS AT THE CONIFEROUS-DECIDUOUS ECOTONE ECOLOGY OF SMALL	MAMMALS ON IRON-TITANIUM MINE WASTE DUMPS IN THE	398
KIDNEY STRUCTURE AND FUNCTION RENAL MORPHOLOGY IN DESERT	MAMMALS RENAL DEVELOPMENT IN NEONATAL MAMMALS WA	343
VIVOR ORGANIZATION OF VERTEBRATES BEHAVIORAL ECOLOGY OF	MAMMALS SOCIAL ORGANIZATION IN NEOTOMA PUSCIPES	395
HAMPSHIRE BEHAVIORAL ECOLOGY OF SMALL	MAMMALS TERRESTRIAL WILDLIFE SURVEY SEABROOK NEW	236
PHOLOGY IN DESERT MAMMALS RENAL DEVELOPMENT IN NEONATAL	MAMMALS WATER BALANCE IN BATS FROM XERIC HABITAT	343
NCE IN BATS FROM XERIC HABITATS WATER ECONOMY OF DESERT	MAMMALS SPECIAL EMPHASIS: KIDNEY STRUCTURE AND	343
ETACEAN BRAIN COMPARATIVE NEUROANATOMY OF	MAMMALIAN NERVOUS SYSTEM COMPARATIVE ANATOMY OF C	360
PROTOZOA CAVERNICOLOUS PROTOZOA REVIEW & NEW STUDIES IN	HAMMOOTH CAVE KY UNDERGROUND WATER PROTOZOA TEMP	256
ARINE OCEAN COUNTY REG. SPW. AUTR. PNV. ASSESSMENT SOUTH	HAMMOOTH REG. SPW. AUTR. PNV. ASSESSMENT ROCKAWA	467
CRY EVOLUTIONARY ECOLOGICAL AND POPULATION GENETICS OF	MAN AND INSECTS GENETICS OF ADAPTIVE RACE FORMAT	732
ISTORY IN ANIMAL BEHAVIOR PARASITES OF	MAN AND SMALL MAMMALS AND EXPERIMENTAL NATURAL H	283

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

COLOGY POPULATION STUDIES FOREST SMALL MAMMALS IMPACT OF	MAN ON APPALACIAN ECOSYSTEM	ECOLOGY OF DISTURBE	662
S GROUNDTRUTH DENNIS AND TRURO IMPACT AND DEPENDENCE OF	MAN ON ECOSYSTEMS OF BOTH NATDRAL AND MAN-CREATE		516
AND DEPENDENCE OF MAN ON ECOSYSTEMS OF BOTH NATURAL AND	MAN-CREATED ORIGIN ANALYSIS OF NANTUCKET SOUND I		516
	MAN'S IMPACT ON THE ALPINE ECOSYSTEM		428
	MANAGEMENT-IN NORTH AMERICA CLINCH RIVER SURVEY		26
	FISR WILDLIFE AND RECREATION		321
	FISH AND WILDLIFE		502
	PEST CONTROL PROGRAM		531
WARM-BLOODED VERTEBRATE POPULATION ECOLOGY AND WILDLIFE	MANAGEMENT		669
STUDIES ECOLOGICAL STUDY OF DESERT QUAIL WATER RESOURCE	MANAGEMENT	WILDLIFE ECOLOGICAL	33
AGEMENT PROGRAMS DIRECTING ALLSTATE FRESHWATER RESEARCH &	MANAGEMENT	ADMINISTERING FISHERY RESEARCH AND M	29
OFFICER - PUNJAB AGRIC. UNIV. INDIA RESEARCH ALIKALI BEE	MANAGEMENT	ECOLOGY - INSECT AND ANIMAL BEHAVIOR	43
ION OF PASTORAL MASAI IN KENYA PRICING IN WATER RESOURCE	MANAGEMENT	ECONOMICS AND POLICY ANALYSIS OF ENV	175
ATTRACTION INTEGRATED METHODS PEST CONTROL & VEGETATIVE	MANAGEMENT	FOREST PRODUCTIVITY; VEGETATION MANA	186
BIGHORN SHEEP BOOK EXPERT ON NATIONAL PARKS AND WILDLIFE	MANAGEMENT	LIFE HISTORY RESEARCH ON WILDLIFE NA	378
DLIFE POND MANAGEMENT TROUT STREAM MANAGEMENT TROUT PCND	MANAGEMENT	RPORTING ON THE EFFECTS OF WATER RE	96
LAND USE IN RELATION TO ECOLOGICAL STABILITY - ECOSYSTEM	MANAGEMENT	& PRESERVATION WATERSHED MANAGEMENT I	374
L ASSESSMENT - LAZ. CARD., MICR., MEX. NATURAL RESOURCE	MANAGEMENT	- ENVIRONMENTAL EFFECTS OF DEVELOPMEN	2
TION AREAS STREAM DREDGING COORDINATION FOREST WILDLIFE	MANAGEMENT	- INVENTORY HABITAT PRESCRIBE MANAGE	626
ECOLOGICAL STUDIES - HABITAT MANIPULATIONS IN WILDLIFE	MANAGEMENT	- ORNITHOLOGY RESEARCH SPECIALIST RES	167
UTION OF COMPLEX ENVIRONMENTAL TECHNOLOGY PROBLEMS WATER	MANAGEMENT	ALTERNATIVES SOLID WASTE TECHNOLOGY	329
	WILDLIFE	MANAGEMENT AND ANIMAL ECOLOGY	537
ECOLOGY AND SYSTEMATICS OF DEEP SEA COBALS PROGRAM	MANAGEMENT AND DEVELOPMENT - NYS SEA GRANT		682
APRIE PREDATOR FISH INTRODUCTIONS IN RESERVOIRS FISHERY	MANAGEMENT AND FISHERY BIOLOGY AS PERTAINING TO		61
AND MIDDLE ATLANTIC DOMESTIC AND INTERNATIONAL FISHERY	MANAGEMENT AND POLICY FISHERIES OF MIDDLE ATLANT		472
RCE MANAGEMENT ENVIRONMENTAL IMPACT STUDY ENVIRONMENTAL	MANAGEMENT AND POLLUTION ABATEMENT ACID MINE DRA		747
E SEMEN INTRODUCTION STRIPED BASS, SAC PERCH, AND SHELL	MANAGEMENT AND REPRODUCTION OF FISH POPULATIONS		280
ARASITES OF BIG GAME IN SOUTH DAKOTA ANIMAL ECOLOGY AND	MANAGEMENT AND TEACHING ENVIRONMENTAL		67
EST MANAGEMENT OCCUPATIONAL EXPOSURE TO PESTICIDES PEST	MANAGEMENT AS IT RELATES TO ACTIVITY OF THE FEDE		804
DISTRIBUTION COPEPODS - ARCTIC OCEAN MARINE WATER QUALITY	MANAGEMENT	COASTAL WATER QUALITY MONITORING NETW	348
JECTIVES WRITETAILED DEER RESEARCH ESTABLISHING WILDLIFE	MANAGEMENT	DEMONSTRATION AREAS STREAM DREDGING C	626
RESERVOIR FISHERIES	MANAGEMENT	DETERMINE WAYS TO IMPROVE HABITAT FOR	266
ANIMAL ECOLOGY AND MANAGEMENT AND TEACHING ENVIRONMENTAL	MANAGEMENT	DEVELOPING ENVIRONMENTAL EDUCATION FO	67
URFGRASSES AGRONOMY - TURFGRASS MANAGEMENT FORAGE CRO	MANAGEMENT	DROUTH COLD SHADE AND WEAR STUDIES	798
TION MANAGEMENT ECOLOGICAL IMPACT OF POLLUTANTS AND PEST	MANAGEMENT	ECOLOGICAL IMPACT OF PESTICIDES ECOLO	552
ANISMS POPULATION ECOLOGY AND GENETICS; PEST POPULATION	MANAGEMENT	ECOLOGICAL IMPACT OF POLLUTANTS AND P	552
NTAIN ECOSYSTEMS SOIL SURVEY FOR USE IN DEVELOPMENT AND	MANAGEMENT	ECOLOGICAL SURVEY FAIRMONT PARK PHIL	301
S RESPONSE OF FISH TO POLLUTION CCTRL ANADROMOUS TROUT	MANAGEMENT	ECOLOGY OF WARM WATER FISH IN NEW YOR	277
USED BY ENVIRONMENTAL POLLUTION COMMUNITY ENVIRONMENTAL	MANAGEMENT	ENERGY COST AND ENVIRONMENTAL PROTECT	745
MINE DRAINAGE POLLUTION ABATEMENT STUDY NATURAL RESOURCE	MANAGEMENT	ENVIRONMENTAL IMPACT STUDY ENVIRONME	747
IES ENVIRONMENTAL POLLUTION CONTROL AND WATER RESOURCES	MANAGEMENT	ENVIRONMENTAL PLANNING ENVIRONMENTAL	6
MARINE DEPENDENT ORGANISMS	FISHERIES	MANAGEMENT ESPECIALLY ESTUARINE SYSTEMS AND ESTU	375
MOSQUITOES	GENERAL PEST	MANAGEMENT EVAL LARVICIDAL BRIQUETTES FOR CONT.	645
L LAND USE AND GENERAL WATER RESOURCE PLANNING; HABITAT	MANAGEMENT	FOR GAMEBERDS AND FARM GAME PLAINFIEL	670
Y BIOCHEMICAL GENETICS OF HETEROSIS PERMANENT GRASSLAND	MANAGEMENT	FOR HIGH YIELD PESTICIDES IN THE AQUA	735
TAILED DEER	LAND	MANAGEMENT FOR UPLANO GAME WATER FOWL AND WHITE-	725
AND WEAR STUDIES WITH TURFGRASSES AGRONOMY - TURFGRASS	MANAGEMENT	FORAGE CROPS MANAGEMENT DROUTH COLD	798
N FOREST SOIL-SITE RELATIONS TREE PHYSIOLOGY RESEARCH	MANAGEMENT	FOREST SOIL-SITE RESEARCH IN NORTHERN	560
UT RIVER MARINE RESOURCE PLANNING LONG ISLAND NY SHORE	MANAGEMENT	GUIDELINES PLANNING & MANAGING NATUR	471
OBWHITE QUAIL PRODUCTION SOUTH TEXAS RANGE AND WILDLIFE	MANAGEMENT	HURRICANE IMPACT ON QUAIL HABITAT HAB	53
ACTIER NATIONAL PARK EASTERN HEMLOCK IN DECIDUOUS FORESTS	MANAGEMENT	IMPACTS UPON CONNECTICOT RIVER ECOLO	392
FLIES MOSQUITOES FILTH FLIES COASTAL MANAGEMENT PEST	MANAGEMENT	IN COASTAL AND ESTUARINE AREAS BILOG	23
ARCTIC SOILS PERMAPROST TUNDRA ECOLOGY ENVIRONMENTAL	MANAGEMENT	IN COLD RFGIONS U.S. TUNDRA BIOME IBP	82
OCKED LANDLOCKED SALMON APPLIED PRACTICAL RESEARCH AND	MANAGEMENT	IN FRESHWATER FISHERY BIOLOGY (COLDWA	73
ATCH PACIFIC SALMON PASSAGE FACILITY EVALUATION FISHERY	MANAGEMENT	IN PONDS LAKES RESERVOIRS AND STREA	284
TABILITY - ECOSYSTEM MANAGEMENT & PRESERVATION WATERSHED	MANAGEMENT	IN RELATION TO GROWTH LAND USE PLANNI	374
	PUBLIC EDUCATION IN MARINE SCIENCE CATFISH	MANAGEMENT	413
NT LAKE NICARAGUA FISHERIES SURVEY FRESHWATER FISHERIES	MANAGEMENT	INCLUDING AQUATIC WEED CONTROL AQUATI	550
E OF SCIENCES AS THEY BEAR UPON THE ENVIRONMENT EFFLUENT	MANAGEMENT	INFORMATION SYSTEM DEVELOPMENT REPIN	268
LORATION ENVIRONMENTAL IMPACT ANAL. REGIONAL SOLID WASTE	MANAGEMENT	JAMES RIVER BASIN WASTE MANAGEMENT PL	776
VER FOREST WILDLIFE MGT. FRESHWATER WETLAND ECOLOGY AND	MANAGEMENT	MODEL FOR PUBLIC MGT. OF FRESHWATER W	416
FISHERIES OF MIDDLE ATLANTIC EIGHT STATE-FEDERAL FISREY	MANAGEMENT	MODEL INVENTORY OF FISHERIES OF NEW Y	472
MUSEA & SITES SMITH FIELD PLANTATION HOUSE RESTORATION &	MANAGEMENT	MORVEN PARK HISTORIC HOUSE & CARRIAGE	634
IN RELATION TO GROWTH LAND USE PLANNING - ENVIRONMENTAL	MANAGEMENT	NUTRIENT CYCLING IN FOREST ECOSYSTEM	374
RAL AGENCIES TRAINING OBJECTIVES & STDS FOR FEDERAL PEST	MANAGEMENT	OCCUPATIONAL EXPOSURE TO PESTICIDES	804
YORK BEAR STUDY ADIRONDACKS BEAR STUDY LIFE HISTORY AND	MANAGEMENT	OF BLACK BEAR AND WHITE-TAILED DEER A	486
	MEDICAL CARE AND	MANAGEMENT OF CAPTIVE EXOTIC ANIMALS	189
DUCK CLAM HIGH SEAS, PACIFIC SALMON STUDIES BIOLOGY AND	MANAGEMENT	OF COMMERCIAL MOLLUSKS AND FISH EFFEC	14
T PROGRAMS PESTICIDE CATEGORIZATION	MANAGEMENT	OF DEPARTMENT OF ARMY PEST MANAGEMEN	602
ATION DYNAMICS OF FOREST INSECTS POPULATION ECOLOGY AND	MANAGEMENT	OF DESTRUCTIVE FOREST INSECTS CHIEF O	759
MPACT MARINE COVE INLAND WETLANDS BILL ORGANIZATION AND	MANAGEMENT	OF ENVIRONMENTAL FIELD STUDIES DREDGI	80
M GAME INSECT REACTORS OF DISEASE IMPORTANT TO MILITARY	MANAGEMENT	OF FARM WILDLIFE-ADMINISTRATION CONSE	433
	BIOLOGY AND	MANAGEMENT OF FREE LIVING ONGULATES	149
	TRE ECOLOGY AND	MANAGEMENT OF GAME SPECIES OF BIRDS AND MAMMALS	138
USEUM IMPACT STUDY LITTLE KANAWHA R., W. VA. DESIGN AND	MANAGEMENT	OF HISTORIC HOUSE MOSBA & SITES SMITH	634
IRDS POPULATION & MOVEMENTS OF NEW ENGLAND HERRING GULIS	MANAGEMENT	OF MASSACHUSETTS TERNS PANEL ON RAZAR	194
D POPULATIONS HARITAT REQUIREMENTS OF RAVEN ECOLOGY AND	MANAGEMENT	OF NONCONSUMPTIVE WILDLIFE HABITAT PA	341
R YIELDS POPULATION DYNAMICS OF MARINE FISR POPULATIONS	MANAGEMENT	OF NORTHWEST ATLANTIC HERRING STOCKS	18
F PLANT WATER WITH ANTI-TRANSPIRANTS WATER USE BY PLANT	MANAGEMENT	OF SOIL WATER FERTILIZER IN FIELD A	179
ADVISOR TO TECHNICAL AND POLICY COMMITTEE FOR FISHERIES	MANAGEMENT	OF THE CONNECTICUT RIVER BASIN PLANN	587
WAYS ON WILDLIFE EFFECTS OF STRIP MINES ON WILDLIFE	MANAGEMENT	OF UPLAND GAME ANIMALS EFFECTS OF HIG	482
UMPED STORAGE HYDRO-ELEC. RES. PISH STUD(RESEARCH &	MANAGEMENT	OF WARM WATER FISHES NORTHFIELD HT. P	377
DS ECOLOG. AND CONSERVATION, ATILIAN GREVE, ECOLOGY AND	MANAGEMENT	OF WILDLIFE ESPECIALLY RAWE AND ENDAN	409
NT OF FARM WILDLIFE-ADMINISTRATION CONSERVATION PROGRAMS	MANAGEMENT	OF WILDLIFE ON 3000 ACRE FARM ECOLOGI	433
	VEGETATION SCIENCE AND VEGETATION	MANAGEMENT OWNER TECHNICAL ADVISOR DIRECTOR	202

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

MANAGEMENT BITING FLIES MOSQUITOES FILTH FLIES COASTAL	MANAGEMENT PEST MANAGEMENT IN COASTAL AND ESTUAR	23
NCE SPILL PREVENTION APPL. OF ERTS-1 TO FISHERY RESOURCE	MANAGEMENT PROTOPERIODISM AND ECOLOGY OF THALASS	45E
REGIONAL SOLID WASTE MANAGEMENT JAMES RIVER BASIN WASTE	MANAGEMENT PLAN ENVIRONMENTAL ENGINEERING IMPAC	776
NORTHWEST ATLANTIC HERRING STOCKS STATE-FEDERAL LOBSTER	MANAGEMENT PLAN - II STATES MAXIMIZING LOBSTER Y	18
OLOGY & COMPREHENSIVE ENVIRONMENTAL PLANNING SOLID WASTE	MANAGEMENT PLAN BERKS COUNTY LOCAL GOVERNMENT PL	385
SURVEY OF WASHINGTON DC METROPOLITAN REGION VEGETATION	MANAGEMENT PLAN FOUR NATURAL AREAS USE OF CHLORO	710
NING & MANAGEMENT RECREATION IMPACT ON WILDLIFE RESOURCE	MANAGEMENT PLANS RECREATION RESOURCE ANALYSIS	643
COLOGY OF AQUATIC HABITATS THEIR INHABITANTS AND THEIR	MANAGEMENT PREDICTIVE MODELING AND MONITORING OF	21
FOREST PLANT ECOLOGY AND PRIMARY PRODUCTIVITY; RESOURCE	MANAGEMENT PRIMARY PRODUCTIVITY IN SALT MARSHES	144
Y MOUNTAINS FOREST RESOURCES SCIENCES AND ENVIRONMENTAL	MANAGEMENT PRIMARY PRODUCTIVITY ANNUAL AND SEAS	571
RESEARCH & MANAGEMENT ADMINISTERING FISHERY RESEARCH AND	MANAGEMENT PROGRAMS DIRECTING ALLSTATE FRESHWATE	29
MANAGEMENT OF DEPARTMENT OF ARMY PEST	MANAGEMENT PROGRAMS PESTICIDE CATEGORIZATION	602
MANAGEMENT PLANS RECREATION RESOURCE ANALYSIS PLANNING &	MANAGEMENT RECREATION IMPACT ON WILDLIFE RESOURC	643
NITARY LANDFILLS DECOMPOSITION OF CELLULOSE SOLID WASTE	MANAGEMENT REST AREA USAGE ACID AND GAS PRODUCTI	808
AL WORK IN EDUCATION POLLUTION ANALYSIS AND SOLID WASTE	MANAGEMENT SOLID WASTE MANAGEMENT STUDY-STATE OF	362
ON LONG ISLAND INDUSTRIAL WASTES PROBLEM ANALYSIS AND	MANAGEMENT SOLUTIONS IN COASTAL ZONE RESOURCES C	811
OLLUTION ANALYSIS AND SOLID WASTE MANAGEMENT SOLID WASTE	MANAGEMENT STUDY-STATE OF MASSACHUSETTS-RAYTHEON	362
PLANT EFFLUENTS DESIGN INCINERATOR FOR BIO AGENTS WASTE	MANAGEMENT SYSTEM EFFLUENTS/RECYCLING MICROBIAL	402
FEER-RANGE CARRYING CAPACITY NONGAMP WILDLIFE AND FOREST	MANAGEMENT SYSTEMS EFFECTS OF ENVIRONMENTAL MOD	158
AGRIBUSINESS	MANAGEMENT THE AGRIBUSINESS COUNCIL INC.	105
OPREST WILDLIFE MANAGEMENT - INVENTORY HABITAT PRESCRIBE	MANAGEMENT TO ACHIEVE OBJECTIVES WHITETAILED DEE	626
ECONOMICS AND POLICY ANALYSIS OF ENVIRONMENTAL RESOURCE	MANAGEMENT TRANSFORMATION OF PASTORAL MASAI IN K	175
ECTS UPON FISH AND WILDLIFE POND MANAGEMENT TROUT STREAM	MANAGEMENT TROUT POND MANAGEMENT REPORTING ON T	96
S OF WATER RESOURCE PROJECTS UPON FISH AND WILDLIFE POND	MANAGEMENT TROUT STREAM MANAGEMENT TROUT POND MA	96
ROLE OF ANIMAL WASTES IN WATER POLLUTION WATER QUALITY	MANAGEMENT WATER POLLUTION PANEL NATIONAL WATER	344
FRESH WATER HABITATS FOR PEOPLE	MANAGEMENT WATERFOWL AND ASSOC. IN BRACKISH AND	136
OGY MARSHLANDS AND COASTAL IMPOUNDMENTS OPEN MARSH WATER	MANAGEMENT WETLANDS ECOLOGY WETLANDS ECOLOGY EC	216
E TRAPPING STUDY QUANTICO MCB DEAD DEER SURVEY WILDLIFE	MANAGEMENT WITH EMPHASIS ON SMALL GAME SPECIES E	718
ECOLOGY - INSECT AND ANIMAL BEHAVIOR SYMBIOSIS INSECT	MANAGEMENT BIOLOGICAL CONTROL RESEARCH ASSOCIAT	43
E GNATS INTEGRATED CONTROL OF THE HOUSE FLY INSECT PEST	MANAGEMENT BITING FLIES MOSQUITOES FILTH FLIE	23
CULTCH LINGNOLOGICAL STUDY OF PONTANA RESERVOIR FISHERY	MANAGEMENT ECOLOGY AND LIMNOLOGY EFFECT OF CHAN	441
IN AGRICULTURE PLANT BREEDING RESEARCH EVALUATION AND	MANAGEMENT GENERAL AGRICULTURAL PRODUCTION COM	338
PEST	MANAGEMENT HORTICULTURAL AND HEALTH INSECTS	612
CONTROL OF PLANT PESTS	MANAGEMENT QUARANTINE REGULATION AND INTEGRATED	206
YE RESEARCH PROJECTS WATERFOWL AND WETLANDS ECOLOGY AND	MANAGEMENT RESEARCH AND ADMINISTRATION OIL SPIL	224
ATION OF RUPTED GOOSE IN MAINE WILDLIFE ECOLOGY AND WILDLIFE	MANAGEMENT UPLAND AND BIG GAME INFLUENCE OF DEE	618
ATION OF DUNES ON AMELIA ISLAND GRASSLAND FERTILITY AND	MANAGEMENT; COASTAL STABILIZATION; LAND RECLAMAT	801
& VEGETATIVE MANAGEMENT FOREST PRODUCTIVITY; VEGETATION	MANAGEMENT; PLANT GEOGRAPHY; FOREST ECOLOGY PLAN	186
ULATION ECOLOGY CANADA GESE WILDLIFE ECOLOGY; WILDLIFE	MANAGEMENT; WILDLIFE LAW ENFORCEMENT BLACKBIE D	330
ER APPLICATIONS & DATA PROCESSING ENVIRONMENTAL DIVISION	MANAGER ENVIRONMENTAL ENGINEERING COMPUT	187
LONG ISLAND, NY SHORE MANAGEMENT GUIDELINES PLANNING &	MANAGING NATURAL RESOURCES - SOCIAL ECONOMIC E	471
AL LEACHING OF LOW-GRADE SLUDGE ORES THE MICROBIOLOGY &	MANAGEMENT NODULES HYDROSTATIC PRESSURE EFFECTS O	203
DRAINAGE ATREATMENT WORLD HERITAGE TRUST LIVING RESOURCE	MANAGEMENT EFFECTS OF SURFACE MINING ON U.S. FISH	677
RTH CAROLINA BARRIER ISLANDS SECONDARY PRODUCTIVITY OF A	MANAGEMENT SWAMP COMPARISON OF ESTUARINE MARSHES	521
P FLUCTUATING WATER LEVELS FISHERIES AND AQUATIC BIOLOGY	MANAGEMENT MANTACEN MIGRATIONS MANTACEN PARASITES EFFECTS O	405
EVELS FISHERIES AND AQUATIC BIOLOGY MANHADEN MIGRATIONS	MANAGEMENT MANTACEN PARASITES EFFECTS OF FLUCTUATING WATER L	405
TROL SURFACE WATER MOVEMENTS IN NEW YORK HARBOR RIOTA OF	MANAGEMENT MANHASSETT BAY GROUND RECHARGE IN SUFFOLK COUNTY	240
TAINS THE BIOLOGY OF THE CLOUDLAND DEER MOUSE PEROMYSCUS	MANAGEMENT MANICULATUS NUBITERRAE: SYSTEMATICS AND DISTRIBU	399
PAUSE-BIOCHEMISTRY INSECT PHOTO-PERIODIC-RESPONSE--PHOTO	MANAGEMENT MANIP HERBICIDES ON INSECT PEST COMPARATIVE BIOL	315
SISTANT RESEARCH ASSISTANT ECOLOGICAL STUDIES - HABITAT	MANAGEMENT MANIPULATIONS IN WILDLIFE MANAGEMENT - ORNITHOLO	167
E NEW YORK SOIL SCIENCE APPLIED TO TREE WATER RELATION;	MANAGEMENT MANS IMPACT; AND LAND USE PLANNING TRANSPORT PAC	157
CONTINGENCY PLAN FOR WILDLIFE WETLAND HABITAT TECHNIQUES	MANAGEMENT MANUAL FEDERAL-AID WILDLIFE RESEARCH PROJECTS W	224
LOGY OF WETLANDS WILD TURKEY RE-ESTABLISHMENT TECHNIQUES	MANAGEMENT MANUAL ATLANTIC PLYWAY COUNCIL CANADA GOOSE EST	223
ES FOR SLUDGE DISPOSAL TREATABILITY OF VARIOUS MONITIONS	MANAGEMENT MANUFACTURING WASTEWATER DESIGN AND OPERATION O	572
OF LAND USE ON WATER QUALITY EFFECTS OF FERTILIZERS AND	MANAGEMENT MANDRY ON SOILS AND CROPS SOIL FERTILITY AND CR	765
CH IN LIMING FERTILIZERS SOIL FORMATION EFFECTS OF HIGH	MANAGEMENT MANURE RATES ON SOILS AND CROPS EFFECT OF LAND U	765
ASE OF RERRING SCIENTIFIC REVIEW AND EDITING OF OCEANIC	MANAGEMENT MANUSCRIPTS EFFECT ON FISHERIES OF PASSAMAQUODDY	615
ALPINE ARCTIC AND WOOD PLANT IDENTIFICATION VEGETATION	MANAGEMENT MAP SCOTTHAMPTON NY FROM AIR PHOTOS FOREST ECOLO	41
Y, CA. MARINE BOTANY ECOLOGY FOREST VEGETATION	MANAGEMENT MAP SUCCESSION OF ALGAE IN A TRANSPECT BODEGA BA	795
LVICULTURE OF HARDWOOD AND MIXED STANDS ANNUAL CANKER CP	MANAGEMENT MAPLE APPLICATION OF ECOLOGY TO FOREST STAND CU	756
FOR COMMERCIAL DEVELOPMENT SOIL SCIENCE CLASSIFICATION	MANAGEMENT MAPPING AND INTERPRETATIONS FOR LAND USE PLANNIN	621
INIPERA PALEOENVIRONMENTAL INTERPRETATIONS CLIMATOLOGICAL	MANAGEMENT MAPPING AND PREDICTION PLANKTONIC FORAMINIFERAL	355
FICAL SOILS SOIL SURVEY SOIL CLASSIFICATION GENESIS AND	MANAGEMENT MAPPING SOIL INTERPRETATION LAND USE PATE OF ANI	92
GROWTH, NUTRITION OF PEAT BOGS VEGETATION ANALYSIS AND	MANAGEMENT MAPPING EFFECT OF ENVIRONMENTAL FACTORS (TEMPER	171
NW ECUADOR TREE IDENTIFICATION PREPARATION OF BOOKS AND	MANAGEMENT MAPS U.S. AND LATIN AMERICA TREE IDENTIFICATION	438
ON-FARMED RURAL LAND CAMPGROUNDS AND CAMPERS IN NEW YORK	MANAGEMENT MARINAS IN NEW YORK RECREATIONAL USES OF NATURA	785
ANALYSIS SIMULATION MARSH ECOLOGY ECOLOGY OF SHAL BEAT	MANAGEMENT MARINAS SIMULATION MODEL OF NARRAGANSETT BAY EC	517
CLOGICAL SIGNIFICANCE OF COASTAL WETLANDS SHALLOW WATER	MANAGEMENT MARINE & ESTUARINE ECOLOGY MARINE AMPHIPOD CRUST	159
D TAXONOMY OF MARINE BENTHIC ALGAE ECOLOGY OF INTERTIDAL	MANAGEMENT MARINE ALGAE ECOLOGY AN	740
NORTH CAROLINA TAXONOMIC AND MORPHOLOGICAL KNOWLEDGE OF	MANAGEMENT MARINE ALGAE ITS REPRODUCTION AND LIFE HISTORY P	513
RESHWATER ALGAE UPTAKE AND METABOLISM OF DDT & DIELDRIN BY	MANAGEMENT MARINE ALGAE PERSISTENCE OF DICHLOREXIL & ENDOTO	579
R MARINE & ESTUARINE ECOLOGY MARINE AMPHIPOD CRUSTACEANS	MANAGEMENT MARINE AMPHIPOD CRUSTACEANS ECOLOGICAL SIGNIFICA	159
ASTAL WETLANDS SHALLOW WATER MARINE & ESTUARINE ECOLOGY	MANAGEMENT MARINE AMPHIPOD CRUSTACEANS MARINE AMPHIPOD CRUS	159
OL INORGANIC PHOSPHATE AND SEA WATER ATMOSPHERIC CHEMISTRY	MANAGEMENT MARINE AND ATMOSPHERIC CHEMISTRY INTERACTION OF	460
OL DITCHES IN SALT MARSHES PHOSPHORUS CYCLING IN NATURAL	MANAGEMENT MARINE AND ESTUARINE SYSTEMS ECOLOGY OF BRACKISH	406
AN SCIENCE WORKSHOP MARINE PRODUCTS	MANAGEMENT MARINE AND FRESH WATER FISHES MARINE CARPERS OCE	269
OF CALDER LAKE, BIOLOGICAL NUTRITIONAL REQUIREMENTS OF	MANAGEMENT MARINE AND FRESH WATER PHYTOPLANKTON AND FRESH W	196
WN, NJ NJ MARINE ECOLOGICAL STUDY NEAR LITTLE FGG INLET	MANAGEMENT MARINE AND FRESHWATER FISHERIES IN NE UNIFIED STR	457
HYDROSOIL INTERACTIONS OF ENVIRONMENTAL POLLUTANTS WITH	MANAGEMENT MARINE AND FRESHWATER PHYTOPLANKTON NEW BRITAIN	579
EGILL AND LARGEMOUTH BASS ECOLOGY OF FISHES; ECOLOGY OF	MANAGEMENT MARINE AND FRESHWATER PLANKTON DOMESTIC-INDUSTRI	206
POLLUTION OF LAKE ONONDAGA, NEW YORK BIOGEOCHEMISTRY OF	MANAGEMENT MARINE AND FRESHWATER SEDIMENTS REGIONAL LANDLO	192
ALVE LARVAE EXPERIMENTAL ANALYSIS ECOLOGY PHYSIOLOGY OF	MANAGEMENT MARINE ANIMAL BEHAVIOR ACOUSTIC RECEPTION AND OR	789
AL REEPS; THEORETICAL ECOLOGY; BIOGEOGRAPHY OF TROPICAL	MANAGEMENT MARINE ANIMALS EFFECTS OF A PANAMA SEA LEVEL CAN	577
ADMINISTERED TO NEWBORN RATS ENVIRONMENTAL PHYSIOLOGY OF	MANAGEMENT MARINE ANIMALS IMPACT OF TROPICAL STORM AGES ON	17
OF PRODUCTIVITY FRESH WATER ALSO REPORTS EXISTING SHALLO	MANAGEMENT MARINE AUTOMATED ANALYSIS OF FRESH WATER PROTECT	6

TABLE 3 - RESUME OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

LOGY & MANGANESE NODULES HYDROSTATIC PRESSURE EFFECTS ON MICROBIAL ECOSYSTEMS	MARINE BACTERIAL ACTIVITIES OF MICROBES IN HYDRO	203
E ALGAE	MARINE BACTERIOLOGY FERMENTATION INTERACTIONS IN	356
IN MONTSWEG BAY EFFECTS OF DREDGING IN BELFAST HARBOUR	MARINE BENTHIC ALGAE ECOLOGY OF INTERTIDAL MARIN	740
ANALYSIS EFFECTS OF DREDGING AND DREDGE SPOIL DISPOSAL	MARINE BENTHIC COMMUNITIES SURVEY OF MONTSWEG B	181
RE AND INTERTIDAL ENVIRONMENTS	MARINE BENTHIC ECOLOGY CAPE COD BAY ECOSYSTEM QU	807
MEDFORD, NORTH ADRIATIC DIVERSITY DEEP SEA MEGAFUNA	MARINE BENTHIC ECOLOGY WITH EMPHASIS ON NEAR-SHO	165
BIOLOGICAL STUDY DIRECTOR SYSTEMATICS-ECOLOGY PROGRAM	MARINE BENTHIC ECOLOGY SALT MARSH ECOSYSTEM DE	151
SALT MARSH MICROCOSMS: A POLLUTION TOOL EFFECT OF OIL ON	MARINE BIOLOGICAL LABORATORY WOODS HOLE MASS.	112
MARINE MOLLUSCS IN PARTICULAR EFFECTS OF DISTURBANCE	MARINE BIOLOGY ECOLOGY OF PLANKTONIC ORGANISMS	260
CPAB RESOURCES OF MAINE AQUACULTURE POTENTIAL FOR MAINE	MARINE BIOTA SALT MARSH PRODUCTIVITY & PLANT EXP	504
CESSION OF ALGAE IN A TRANSECT, BODEGA BAY, CA.	MARINE BIVALVE COMMUNITIES EFFECTS OF OPENING MU	547
DUCTS	MARINE BOTANY - BOTH PHYCOLOGY & MYCOLOGY NANNOP	583
LL BIOLOGY OF MASSIVE PROTOZOA AND FUNGI CELL BIOLOGY	MARINE BOTANY ECOLOGY FOREST VEGETATION MAP SUC	795
ENERGETICS OF PELAGIC SARGASSUM COMMUNITY ENERGETICS	MARINE CAREERS OCEAN SCIENCE WORKSHOP MARINE PRO	269
LYSIS OF FRESH WATER PRODUCTIVITY REMOTE SENSING SHALLOW	MARINE COCCOID FUNGI CELL BIOLOGY OF HAPLOSPORID	544
ODA GULF, ALASKA SYSTEMATICS AND ECOLOGY OF FREE-LIVING	MARINE COMMUNITIES AND POPULATIONS SEWAGE SLUDGE	661
FIELD STUDIES DREDGING THAMES RIVER CT BLASTING IMPACT	MARINE COMMUNITIES DINOFLAGELLATE LUMINESCENCE	390
K ESTUARY	MARINE COPEPODA REVIEW OF SPINOCALANIDAE ARCTIC	170
SA INTRASPECIFIC VARIATION IN PUCDS VESICULOSUS SHALICW	MARINE COVE INLAND WETLANDS BILL ORGANIZATION A	80
COLOGICAL STUDY OF DELAWARE RIVER NEAR BORDENTOWN NJ NJ	MARINE CRUSTACEANS ZOOPLANKTON SURVEY OF SEABROO	779
OGY FISHERY BIOLOGY ENVIRONMENTAL POLLUTION NEW JERSEY	MARINE ECHINODERM BIOLOGY-ECOLOGY HOLOTHURIANS (380
SARGASSUM REVISION & COMPARATIVE BIOLOGY OF TELEFISHES	MARINE ECOLOGICAL STUDY NEAR LITTLE EGG INLET M	457
ENT	MARINE ECOLOGICAL STUDY SCHUYLKILL RIVER ECOLOGI	487
MENTAL DISTRIBUTION OF HEXACHLOROPHENE PESTICIDES IN THE	MARINE ECOLOGY & SYSTEMATICS OF FISHES FISH STOC	191
SOYBEANS ANALYSIS OF SYNTHETIC ORGANIC COMPOUNDS IN THE	MARINE ECOSYSTEM DDT RESIDUES IN CALIFORNIA CURR	154
LUTION PROBLEMS INPUT-STATE EFFECT ORGANIC CHEMISTRY IN	MARINE ENVIRONMENT ENVIRONMENTAL METABOLISM AND	548
E INVERTEBRATES OIL EFFECTS ON MOLLUSCS COPPER WASTES IN	MARINE ENVIRONMENT ADSORPTION OF CHLORINATED HYD	309
DUCTIVITY - FLORIDA STATES PRIMARY PRODUCTIVITY IN THE	MARINE ENVIRONMENT ASSESSMENT PROBLEMS OIL POLLU	213
DUCTIVITY - FLORIDA STRAITS PRIMARY PRODUCTIVITY IN THE	MARINE ENVIRONMENT IODIDES IN MEMBERTEANS EFFECT	449
OTH SHORE OF LONG ISLAND, NY	MARINE ENVIRONMENT PRODUCTIVITY - GULF OF MAINE	805
MENTS TRANSPORT AND ALTERATION OF ORGANIC CHEMICALS IN	MARINE ENVIRONMENT PRODUCTIVITY - GULF OF MAINE	804
OF OF FISHES EFFECTS OF TEMPERATURE ON LABORATORY REARED	MARINE ENVIRONMENTAL STUDIES CURRENTS OFF THE SO	500
STATES MAXIMIZING LOBSTER YIELDS POPULATION DYNAMICS	MARINE ENVIRONMENTS GC-MS ANALYSIS OF PCB DDT OR	636
OF MAINTENANCE DREDGING ST. CATHERINE SD, POTOMAC RIVER, MD	MARINE FISH LARVAE PHYSIOLOGY AND BEHAVI	692
ST OF ADULT ATLANTIC MENHADEN BIOSTATISTICAL ANALYSIS	MARINE FISH POPULATIONS MANAGEMENT OF NORTHWEST	18
OST BEHAVIOR ECOLOGY AND FOOD RELATIONSHIPS OF TROPICAL	MARINE FISHERIES BIOLOGY; AGE-GROWTH LIPE HISTO	48
BLACK DRUM ANALOG SIMULATION IN FISH POPULATION STUDIES	MARINE FISHERIES DATA INCLUDING ECOLOGY OF ANIMA	234
ND EVOLUTION OF FRESHWATER ESTUARINE AND SHALLOW WATER	MARINE FISHES LAKE - CONSULTANT - ONGOING EUTROP	176
ES COLONIZATION OF ARTIFICIAL REEF BY FISHES ECOLOGY	MARINE FISHES OF VIRGINIA'S EASTERN SHORE POPUL	579
STRESS A STRESS SYNDROME IN THE HARD CLAM PATTY ACIDS IN	MARINE FISHES OLDMANS CREEK MARSH STUDY COMPARAT	233
NTHOR MEMBRANES IN TWO FISH SPECIES	MARINE FISHES ESPECIALLY PEEP SPECIES AND THEIR	311
ENVIRONMENTAL EFFECTS ON GROWTH AND FORM IN	MARINE FOOD WEBS LONG-TERM OBSERVATIONS ON BENTH	366
CONTROL OF CHESAPEAKE BAY JELLYFISH FREE AMINO ACIDS AND	MARINE INVERTEBRATE ZOOLOGY AND PARASITOLOGY ACA	775
MEMBERTEANS EFFECT OF METALS OIL ETC. ON PHYSIOLOGY	MARINE INVERTEBRATES	709
D GASTROPOD MOLLUSCS	MARINE INVERTEBRATES NITROGEN CYCLE IN SHALLOW	760
OLOGICAL IMPACT OF NUCLEAR PLANT, N.R. COAST	MARINE INVERTEBRATES OIL EFFECTS ON MOLLUSCS COP	449
L EFFECTS OF METALS CRUDE OIL INSECTICIDES SYNDETS TO	MARINE INVERTEBRATES PARTICULARLY CEPHALOPODS AN	671
ING IN MARINE ORGANISMS TOXICOLOGY OF SYNDETS AND NTA TO	MARINE LARVAE AND FOULING AND BORING ORGANISMS L	162
DIFFUSION FROM SEDIMENTS NUTRIENT STUDIES ON CORAL REEF	MARINE LIPE CADMIUM POISONING IN MARINE ORGANISM	205
ECOLOGY SALT MARSH ECOSYSTEM DEEP SEA PARTICULARLY	MARINE LIPE CRUDE OIL TOXICITY IN RED SEA PHYSI	205
OPES ECOLOGICAL CONSULTANT ON THERMAL STRESS ECOLOGY	MARINE MAMMALS FROM CAPE COD TO CAPE HATTERAS A	551
MENT IN CLOSED ECOSYSTEMS HOMIC SUBSTANCES IN ESTUARIES	MARINE MEGAFUNA MEGAFUNA ENERGETICS SALT MARSH	151
CILITIES WESTCHESTER COUNTY LENTIC-LOTIC STUDY PHYTOBAC	MARINE MEGAFUNA PHYSIOLOGICAL ECOLOGY OF MARINE	726
CT ON ESTUARIES THERMAL EFFECT ON THE CONNECTICUT RIVER	MARINE MICROBIAL ECOLOGY	440
EFFECTS OF CLUMPING POPULATION AND COMMUNITY BIOLOGY	MARINE MICROBIAL ECOLOGY SEAWEED COLONIZATION &	646
CAL ECOLOGY OF MARINE NEMATODES PHYSIOLOGICAL ECOLOGY	MARINE MICROBIOLOGY - PHYTOPLANKTON TAXONOMY WAT	113
SS ECOLOGY OF MARINE MEGAFUNA PHYSIOLOGICAL ECOLOGY	MARINE MICROBIOLOGY ECOLOGY AND TAXONOMY OF MARI	91
ESSING POPULATION ASPECTS OF ENVIRONMENTAL EDUCATION THE	MARINE MICROORGANISM	466
ANKTON ECOLOGY AND ENVIRONMENTAL STRESS FRESH-WATER AND	MARINE MOLLUSCS IN PARTICULAR EFFECTS OF DISTURB	547
ION BASELINE STUDY COASTAL ZONE WORKSHOP MARSH ECOLOGY	MARINE NEMATODES ECOLOGICAL CONSULTANT ON THERMA	726
INDIGENOUS FOREST BIOME NATURAL SYSTEMS DREDGING SUNNY POINT	MARINE NEMATODES PHYSIOLOGICAL ECOLOGY OF MARINE	726
STRY OF MUCCOSUBSTANCES IN CLAM PHYSIOLOGICAL ECOLOGY	MARINE NEWSLETTER DIRECTORY OF PERSONNEL OF THE	19
IES AT BODEGA HEAD, CALIFORNIA PHYSIOLOGICAL ECOLOGY	MARINE OCEAN COUNTY REG. SEW. AUTH. ENV. ASSESS	467
NG ISLAND ABNORMALITIES IN BIVALVE SHELLFISH CULTURE	MARINE OIL POLLUTION MID-WATER TO BENTHIC ECOLOG	719
ONSE OF GREEN CRAB TO METALS HEAVY METAL BIOASSAY WITH	MARINE ORDINANCE TERMINAL BRIDGE-TUNNEL CROSSING	198
NSBCTICIDES SYNDETS TO MARINE LIPE CADMIUM POISONING IN	MARINE ORGANISMS ECOLOGY OF MILLSTONE POINT CON	333
COMPARATIVE PATHOLOGY EMPHASIS ON DISEASES OF FISH	MARINE ORGANISMS HEAT EFFECTS IN A MARINE SNAIL	299
G HABITS OF PINK AND CHUM SALMON SECONDARY PRODUCTION	MARINE ORGANISMS MARINE WETLANDS OF SUFFOLK AND	721
THERMAL POLLUTION AND PHYTOPLANKTON COUNT AND IDENTIFY	MARINE ORGANISMS PHYSIOLOGICAL RESPONSE OF ESTUA	140
M AND ECOLOGY OF THALASSIA REMOTE SENSING OCEANOGRAPHY	MARINE ORGANISMS TOXICOLOGY OF SYNDETS AND NTA T	205
ORTH ATLANTIC FLORA BOTTOM WATER CURRENTS IN N.Y. BIGHT	MARINE PATHOLOGY IMMUNOLOGY OF FISCINE VIRIOSIS	796
EFFECTS ON MARINE PLANKTON THERMAL DISCHARGE EFFECTS ON	MARINE PELAGIC ZOOPLANKTON ENVIRONMENTAL EVALUA	382
RNAL DISCHARGE EFFECTS ON MARINE PLANKTON ESTUARINE AND	MARINE PHYTOPLANKTON	109
ES	MARINE PHYTOPLANKTON AND ANGIOSPERM PHYSIOLOGICA	458
POLLUTION EFFECTS EVALUATION THERMAL DISCHARGE EFFECTS ON	MARINE PHYTOPLANKTON ECOLOGY BIOGEOGRAPHY QU	591
EFFECTS ON MARINE PLANKTON THERMAL DISCHARGE EFFECTS ON	MARINE PLANKTON ESTUARINE AND MARINE PLANKTON B	564
ENVIRONMENTAL INFORMATION SPECIALIST	MARINE PLANKTON BIOLOGY AND POLLUTION EFFECTS EV	564
FRESH WATER FISHES MARINE CAREERS OCEAN SCIENCE WORKSHOP	MARINE PLANKTON STUDIES ENDANGERED SPECIES STUOI	384
INDUSTRIAL POLLUTION APTAMENT COSTS CONNECTICUT RIVER	MARINE PLANKTON THERMAL DISCHARGE EFFECTS ON MAR	564
	MARINE PLANKTON THERMAL DISCHARGE EFFECTS ON MAR	564
	MARINE PLANKTONIC ALGAE, AT PRESENT I AM AN ENV	778
	MARINE POLLUTION (OIL) ON MOLLUSCS (PELECYPODS)	685
	MARINE PRODUCTS	269
	MARINE RADIOLOGY AND CHEMICAL OCEANOGRAPHY	232
	MARINE RESEARCH PLANNING LONG ISLAND NY SHORE	471

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

CT SPORT FISHERY OF BISCAYNE BAY, FLORIDA ENVIRONMENTAL	MARINE SCIENCE AND ITS ADMINISTRATION ECOLOGY OF	744
IVER, VIRGINIA PUBLIC EDUCATION	MARINE SCIENCE CATFISH MANAGEMENT IN THE JAMES R	413
PULATIONS - THESIS RESEARCH IN HERRING GULLS POPULATIONS	MARINE SCIENCE LABORATORY FOR HIGH SCHOOLS ENVIR	292
Y POLLUTANTS ORGANIC NITROGEN CYCLE IN MARINE SEDIMENTS	MARINE SEDIMENTARY MICROBIOLOGY AND BIOCHEMISTRY	435
HESIS INHIBITION BY POLLUTANTS ORGANIC NITROGEN CYCLE IN	MARINE SEDIMENTS MARINE SEDIMENTARY MICROBIOLOG	435
HISTRY OF WATER AND SEDIMENTS AMINO ACID GEOCHEMISTRY OF	MARINE SEDIMENTS TRACE METALS IN HUMAN ISSUES	766
GIOLOGICAL ECOLOGY OF MARINE ORGANISMS HEAT EFFECTS IN A	MARINE SNAIL EFFECTS OF HIGH TEMPERATURES ON L.	299
D ORIENTATION OF LARGE SHARKS PREY SELECTION BEHAVIOR OF	MARINE SNAILS BEHAVIOR AND TRANSPORT OF BIVALVE	799
TH FOOD CONCENTRATION AND SCALLOP GROWTH AQUACULTURE OF	MARINE SUSPENSION-FEEDERS WATER CURRENT AND SCAL	396
G NETWORK VERTICAL DISTRIBUTION COPEPODS - ARCTIC OCEAN	MARINE WATER QUALITY MANAGEMENT COASTAL WATER QU	348
CIDS AND MARINE INVERTEBRATES NITROGEN CYCLE IN SHALLOW	MARINE WATERS NITROGEN CYCLE ON CORAL REEFS CONT	760
ECTS OF TIDE GATES ON COVE ESTUARY, CT PLANT ECOLOGY OF	MARINE WETLANDS FIFTY YEAR CHANGE IN A SELECTED	675
LITIES IN BIVALVE SHELLFISH CULTURE OF MARINE ORGANISMS	MARINE WETLANDS OF SUFFOLK AND NASSAU COUNTIES A	721
TICUT RIVER MARINE MICROBIOLOGY ECOLOGY AND TAXONOMY OF	MARINE YEASTS SEWAGE EFFECT ON ESTUARIES THERMAL	91
OPULATION POPULATION PARAMETERS ECOLOGY AND TAXONOMY OF	MARINE ZOOPLANKTON ZOOPLANKTON OF LOWER CHESAPEA	275
ERATION BY ORGANISMS MALACOLOGY INVERTEBRATE ZOOLOGY	MARINE-ESTUARINE ECOLOGY; SCIENCE ADMINISTRATION	112
AR AQUATIC PLANTS - MINERAL CYCLING ESTABLISH HIGH WATER	MARK IN RIVERBANK VEGETATION ESTABLISH HIGH WATE	306
WATER MARK IN RIVERBANK VEGETATION ESTABLISH HIGH WATER	MARK RIVERBANK VEGETATION CONTROL OF WATERWEEDS	306
PULP AND PAPER INDUSTRY CHEMICAL ENVIRONMENTAL PROBLEMS	MARKETING OF BIOCHEMICAL ENVIRONMENTAL TECHNOLOG	731
HEPETOLOGY OF LONG ISLAND NEW YORK TORTLE	MARKING PROJECT ON LONG ISLAND	620
STUDIES AND POPULATION DYNAMICS; RESEARCH ADMINISTRATIVE	MARMAP FIELD OFFICE MERRIMACK TAGGING STUDIES SHE	195
SOCIAL BEHAVIOR OF VERTEBRATES SOCIAL BEHAVIOR OF	MARMOTS HUMAN ETROLOGY	36
ECOLOGY OF DIAPYCNIA ABLES PICEA SYSTEMS MODEL OF SALT	MARSH ECOLOGY OF MARSH ENVIRONMENT PLANTS ARCTI	727
HUDSON ESTUARY DIELDRIN CONC. IN THE TROPHIC LEVELS OF A	MARSH THE FACTORS CONTROLLING THE SPATIAL AND TE	594
AND MANAGEMENT; COASTAL STABILIZATION; LAND RECLAMATION;	MARSH BUILDING STABILIZATION AND PRODUCTIVE USE	801
MODELS OF ESTUARINE AREAS ECOLOGY OF A NEW ENGLAND SALT	MARSH ECOLOGICAL MODEL OF NARRAGSETT BAY SOLID	528
T BAY ECOLOGICAL ENERGETICS SYSTEMS ANALYSIS SIMULATION	MARSH ECOLOGY ECOLOGY OF SMALL BOAT MARINAS SINU	517
LATION ECOLOGICAL SURVEY COASTAL REGION OF GEORGIA SALT	MARSH ECOLOGY WITH EMPHASIS ON ENERGY FLOW THROU	635
TUDY OIL POLLUTION BASELINE STUDY COASTAL ZONE WORKSHOE	MARSH ECOLOGY MARINE OIL POLLUTION MID-WATER TO	719
N FISH POPULATIONS IN SWAMP-STREAM ECOSYSTEMS SWAMP AND	MARSH ECOSYSTEMS GREATEST COMPETENCE IN CYPRESS-	713
PUTION DESERT SHRUB WATER STRESS GROWTH RESPONSE OF SALT	MARSH GRASS EFFECTS OF SWAMP FILLING AT CONSTRUC	298
ATORY AVIAN MIGRATION AND ENERGY BALANCE DEVELOPMENT OF	MARSH HABITAT FOR CORPORATION WATERSHED MONITORI	212
EFFECTS OF LARVICIDES ON MICROCRUSTACEANS ECOLOGY OF SALT	MARSH MEIOFAUNA ROLE OF KILLIFISH IN SALT MARSH	600
CTIVITY & PLANT EXPORT POLLUTION OF COASTAL WATERS SALT	MARSH MICROCOSMS: A POLLUTION TOOL EFFECT OF OIL	504
PARTICULARLY MARINE MEIOFAUNA MEIOFAUNA ENERGETICS SALT	MARSH POLLUTION MEDFAUNA NORTH ADRIATIC DIVERS	151
ECOLOGY OF SALT MARSH MEIOFAUNA ROLE OF KILLIFISH IN SALT	MARSH POOL DYNAMICS EFFECTS OF ORGANOPHOSPHATE I	600
SMS: A POLLUTION TOOL EFFECT OF OIL ON MARINE BIOTA SALT	MARSH PRODUCTIVITY & PLANT EXPORT POLLUTION OF	504
RCE MANAGEMENT PRIMARY PRODUCTIVITY IN SALT MARSHES SALT	MARSH SEED GERMINATION PRIMARY PRODUCTIVITY OF A	144
ESTUARINE AND SHALLOW WATER MARINE FISHES OLDMANS CREEK	MARSH STUDY COMPARATIVE BIOSYSTEMATIC STUDIES ON	233
POLLUTION MID-WATER TO BENTHIC ECOLOGY EXPERIMENTAL SALT	MARSH STUDY OIL POLLUTION BASELINE STUDY COASTAL	719
OF FRESHWATER MARSHES AND COASTAL ECOSYSTEMS ECOLOGY OF	MARSH VEGETATION ECOLOGY AND FLORISTICS	94
GY TRANSFER IN PLANT SYSTEMS GROWTH REQUIREMENTS OF SALT	MARSH VEGETATION PHYSIOLOGY OF TORPGRASS UNDER S	349
ECOLOGY ECOLOGY MARSHLANDS AND COASTAL IMPOUNDMENTS OPEN	MARSH WATER MANAGEMENT WETLANDS ECOLOGY WETLAND	216
OF MARINE WETLANDS FIFTY YEAR CHANGE IN A SELECTED SALT	MARSH WETLANDS STUDY OF SOUTHAMPTON TOWN NEW YOR	675
OF VASCULAR PLANTS OF MARYLAND WOODY PLANTS OF MARYLAND	MARSH-TIDAL VASCULAR PLANTS ECOLOGICAL SURVEY-PO	83
EFFECTS THEREON NUTRIENT TRANSPORT IN OLIGOHALINE TIDAL	MARSHES PHYSICAL AND ANALYTICAL CHEMISTRY OF NA	332
PRODUCTIVITY OF A MANGROVE SWAMP COMPARISON OF ESTUARINE	MARSHES SECONDARY PRODUCTIVITY OF ESTUARINE AND	522
ON EFFECTS OF HEAVY METALS IN WATER WINTER ECOLOGY SALT	MARSHES AND BLACK DUCKS ORNITHOLOGY WITH SPECIA	274
VEGETATION ECOLOGY AND FLORISTICS OF FRESHWATER	MARSHES AND COASTAL ECOSYSTEMS ECOLOGY OF MARSH	94
ST FLORA LONG ISLAND FLORA THE FLORA OF LONG ISLAND TRE	MARSHES OF THE COOPER RIVER ESTUARY ENVIRONMENTA	687
LT MARSHES DECIDUOUS FORESTS DELAWARE ESTUARY PROJECT -	MARSHES POPULATION DYNAMICS OF TREE SEEDLINGS GR	264
TIVITY; RESOURCE MANAGEMENT PRIMARY PRODUCTIVITY IN SALT	MARSHES SALT MARSH SEED GERMINATION PRIMARY PROD	144
AL ANGIOSPERM TAXONOMY; NE U.S. LOCAL FLORA; CONN. TIDAL	MARSHES STATE OF CONNECTICUT TIDAL WETLANDS PRES	424
GRASSLAND PRODUCTION AND METHODS PLANT ECOLOGISTS SALT	MARSHES DECIDUOUS FORESTS DELAWARE ESTUARY PROJ	264
ENVIRONMENTAL IMPACT STUDIES I-IV, SOUTH CAROLINA SALT	MARSHES SAND DUNES SOUTHEAST FLORA LONG ISLAN	687
ENT STUDY-STATE OF MASSACHUSETTS-RAYTHEON SURVEY OF SALT	MARSHES-QUINCY MASSACHUSETTS VERMONT SOLID WAST	362
ER MANAGEMENT WETLANDS ECOLOGY WETLANDS ECOLOGY ECOLOGY	MARSHLANDS AND COASTAL IMPOUNDMENTS OPEN MARSH W	216
VERSITY DEEP SEA MEIOFAUNA MARINE BENTHIC ECOLOGY SALT	MARSH ECOSYSTEM DEEP SEA PARTICULARLY MARINE M	151
TAXONOMY OF VASCULAR PLANTS OF MARYLAND WOODY PLANTS OF	MARYLAND MARSH-TIDAL VASCULAR PLANTS ECOLOGICAL	83
PLANT SITES ECOLOGY AND TAXONOMY OF VASCULAR PLANTS OF	MARYLAND WOODY PLANTS OF MARYLAND MARSH-TIDAL YA	83
ENVIRONMENTAL RESOURCE MANAGEMENT TRANSFORMATION OF PASTORAL	MASAI IN KENYA PRICING IN WATER RESOURCE MANAGEM	175
ON OF FISHWAYS ICHTHY ASSOC. CONGRINGO MUDDY RUN PROJECT	MASS COOP FISHERY UNIT CONNECTICUT RIVER PROJECT	226
S MASSACHUSETTS WATER QUALITY STUDIES RIVERINE SYSTEMS	MASS. PHYSIOLOGY AND TOXICOLOGY OF AQUATIC ANIM	104
LOGY PROGRAM MARINE BIOLOGICAL LABORATORY WOODS ROLE	MASS. SHELL PENETRATION BY ORGANISMS MALACOLOG	112
ESTRIAL VERTEBRATES BIOGEOGRAPHY OF THE CAPE COD REGION	MASS. BIOGEOGRAPHY OF THE OUTER BANKS NORTH CAR	418
TO WASTE DISPOSAL NORTHPORT NY HYDROTHERMAL SURVEY LYNN	MASS. ECOLOGIC SURVEY EGG HARBOR NY HYDROTHERMA	143
POPULATION DYNAMICS ALEWIFE UTILIZATION OF PARKER RIVER	MASSACHUSETTS FISHERIES BIOLOGY - BASIC STATIST	581
SSION MAMMALIAN SYSTEMATICS AND ECOLOGY VERTEBRATES OF	MASSACHUSETTS COASTAL ISLANDS VERTEBRATE REMAINS	750
N & MOVEMENTS OF NEW ENGLAND HERRING GULLS MANAGEMENT OF	MASSACHUSETTS TERNS PANEL ON HAZARDOUS TRACE SUB	194
OF MASSACHUSETTS-RAYTHEON SURVEY OF SALT MARSHES-QUINCY	MASSACHUSETTS VERMONT SOLID WASTE PLAN ENVIRONM	362
GY OF PYRETHRUM WATER QUALITY STUDIES RESERVOIR SYSTEMS	MASSACHUSETTS WATER QUALITY STUDIES RIVERINE SYS	104
D WASTE MANAGEMENT SOLID WASTE MANAGEMENT STUDY-STATE OF	MASSACHUSETTS-RAYTHEON SURVEY OF SALT MARSHES-QU	362
RUCTURE OF JELLYFISH MUSCLE CONTRACTION CELL BIOLOGY OF	MASSIVE PROTOZOA AND FUNGI CELL BIOLOGY OF MARIN	544
ORESTS EFFECT OF MAST PRODUCTION ON CHIPMUNK POPULATIONS	MAST PRODUCTION IN NW PENNSYLVANIA POBESTS INGES	276
LOGICAL ENERGETICS OF SMALL MAMMALS IN FORESTS EFFECT OF	MAST PRODUCTION ON CHIPMUNK POPULATIONS MAST PRO	276
PHYSICAL EUTROPHICATION PREDICTION STRIPAN ENERGY BUDGETS	MATHEMATICAL ANALYSIS OF AQUATIC SYSTEMS BOTH B	342
PROGRAM FOR DOUGLAS PIR POPULATION GENETICS THEORY AND	MATHEMATICAL ECOLOGY OF FOREST SPECIES AGE STRUC	506
STATISTICAL DESIGN & ANALYSIS OF ECOSYSTEM PROBLEMS AND	MATHEMATICAL MODELING	780
ARY MODEL BASELINE STUDY OF TWO NEW IMPOUNDMENTS IN PA.	MATHEMATICAL MODELING AND MEASUREMENT OF AQUATIC	257
RIA; PLANKTON POPULATION MODELING; FIELD ORNITHOLOGY TWO	MATHEMATICAL MODELS OF PLANKTON-ALGAE FOOD CHAIN	75
OR WASTE HEAT DISPOSAL SALINITY INTRUSION IN ESTUARINES	MATHEMATICAL MODELS; RIVER AND ESTUARY WATER QUA	302
SOZYNE POLYMERPHISM ENVIRONMENT INTERACTION POPULATION	MATHEMATICAL QUANTITATIVE AND STATISTICAL GENE	617
IN SEA WATER CONFORMATION OF ADSORBED PROTEINS ORGANIC	MATTER AND TRACE ELEMENTS IN NATURAL WATERS TRAC	751
D TRACE ELEMENTS IN NATURAL WATERS TRACE METAL - ORGANIC	MATTER ASSOCIATIONS IN SEAWATER ORGANIC MATTER I	751
METAL - ORGANIC MATTER ASSOCIATIONS IN SEAWATER ORGANIC	MATTER IN SEA WATER CONFORMATION OF ADSORBED PRO	751

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

SOIL SYSTEMS-PLANT ROOT INTERACTIONS	MATTER MYCORRHIZAE	288
RY OF SKIPJACK TUNA	MATORII; FECUNDITY; AGING SEX RATIOS	44
LIFE HISTORY OF FISHES; SEXUAL	MAXIMIZING LOBSTER YIELDS	18
STOCKS STATE-FEDERAL LOBSTER MANAGEMENT PLAN - II STATES	POPULATION DYNAMICS O	272
S PEST RESISTANCE IN SWEET CORN	GENETICS OF PEST RESISTANCE	442
RESISTANCE OF CORN TO B.	MAYDIS RACE T SELECTIVE INHIBITION OF SPO	718
HISTRY OF FUNGICIDAL ACTION" BIOLOGY OF HELMINTHOSPORIUM	MCF DEAD DEER SURVEY WILDLIFE MANAGEMENT WITH F	9
GANE BIRD PROGRAM PHEASANT LIVE TRAPPING STUDY QUANTICO	MC GOIRE NUCLEAR PLANT WATER POLLUTION AND GENETI	48
ELATED TO GENETIC DEFECTS GEOLOGICAL IMPLICATIONS OF THE	MD MARINE FISHERIES BIOLOGY; AGE-GROWTH LIFE H	650
IS MAINTENANCE DREDGING ST. CATHERINE SD POTOMAC RIVER	MD WETLAND ECOLOGY ESPECIALLY IN REFERENCE TO P	542
OWN SITE TEXAS WETLAND PLANT DISTRIBUTION IN TIDEWATER	MD INSTALLATION ASSESSMENT REDSTONE ARSENAL ALA	55
C POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD ARSENAL	MD INSTALLATION ASSESSMENT REDSTONE ARSENAL AL	553
COMMUNITIES ENVIRON MONITORING PROGRAM EDGEWOOD ARSENAL	MD INSULATION ASSESSMENT REDSTONE ARSENAL AL E	688
AL POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD ARSENAL	MD SECTOR OF PAINT BR. BACT & CHEM STUDY OF THE	650
F WATER SEDIMENTATION & HYDROLOGY STUDY OF UNIVERSITY OF	MEADOWS VEGETATION OF HOUSTON NEW TOWN SITE TEX	710
ECOLOGY PAST AND PRESENT FLORA AND VEGETATION HAMPENSACK	MEAS SOLAR RAD. EFFECTS OF FIRE ON PLANT COMMUN	85
T PLAN POOR NATURAL AREAS USE OF CHLOROPHYLL EXTRACTS TO	MEASURES OF BIOMASS AND ACTIVITY BIOLOGICAL TREAT	442
AND BIOLOGICAL AND AQUATIC ECOLOGY ATP IN PLANKTON AS	MEASURES OF CONTROLLING PLANT DISPASES WRITING B	246
ORTUM MAYDIS RACE T SELECTIVE INHIBITION OF SPOBULATION	MEASURES OF ENVIRONMENT AND FISH THEMSELVES TO P	431
ESTIMATION RAINECW TROUT SPAWNING SUCCESS FISH BIOLOGY	MECHANICAL CHEMICAL AREINOGENESIS MECHANISMS CO	70
IVER GROWTH DAMAGE INDUCED GROWTH - RADIATION CHEMICAL	MECHANISM HISTOCHEMISTRY - BARNACLE TISSUES DEVE	49
LICAL SIGNIFICANCE BRANACLE - CEMENT GLANDS - ATTACHMENT	MECHANISM OF DRUG INDUCED LIVER GROWTH DAMAGE IN	787
OGENESIS MECHANISMS CONTROLLING ORGAN GROWTH IN MAMMALS	MECHANISM OF TRYPAN BLUE TERATOGENESIS ANIMAL MO	772
D AND INHERITED SELECTED RESPONSE TO A TERATOGEN IN MICE	MECHANISMS	20
EFFECT OF AIR POLLUTANTS ON HOST DEFENSE	MECHANISMS LARVAL FISH ECOLOGY ECOLOGY OF LIMNE	349
N AQUATIC VERTEBRATES MOVEMENTS OF DWARF SUCKERS HOMING	MECHANISMS CONTROLLING ORGAN GROWTH IN MAMMALS M	37
RADIATION, CHEMICAL, MECHANICAL CHEMICAL AREINOGENESIS	MECHANISMS FOR ENERGY TRANSFER IN PLANT SYSTEMS	656
ESS PHYSIOLOGY OF WOODY ORNAMENTAL PLANTS PHYSIOLOGICAL	MECHANISMS OF INSECT FLIGHT COMPARATIVE NEUROBI	755
TEBRATE SENSE ORGANS NEUROPHYSIOLOGY AND ANIMAL BEHAVIOR	MECHANISMS PEANUT SEED IRRADIATION EXPERIMENT RE	151
PERIMENTAL PLANT POPULATIONS EVOLUTION OF SEX DETERMINING	MED ENTOMOLOGY WITH EMPHASIS ON DISEASE TRANSMIS	525
AFGANISTAN EFFECT OF MICROSPORIDAN PARASITES OR MALARIA	MEDPAUNO NORTH ADRIATIC DIVERSITY DEEP SEA MEIO	512
INE METOFAUNA METOFAUNA ENERGETICS SALT MARSH POLLUTIO	MEDIA PRESENTATIONS PRECIOUS METALS RECLAMATION	183
CATION BOTH TECHNICAL AND GENERAL ALL AGE LEVELS MULTI	MEDICAL CARE URBAN SYSTEMS ENGINEERING AND PLAN	454
LAW ROADSIDE REST AREA EVALUATION HELICOPTER DELIVERY OF	MEDICAL CARE AND MANAGEMENT OF CAPTIVE EXOTIC AN	755
IMALS	MEDICAL ENTOMOLOGY ABOVIROLOGY SEROLOGY ENVIRON	499
BASES VECTOR STUDIES ON MOSQUITOES & CHIKUNGUNYA VIRUS	MEDICAL IMPORTANCE EPIDEMIOLOGY OF EASTERN EQUIN	556
BIOCONTROL ADAPTATION OF HUMAN MALARIA TO ANIMAL MODELS	MEDICAL MYCOLOGY PHYCOLOGY AND PATHOBIOLOGY OF	57
ENCEPHALITIS PHYSIOLOGICAL AGE OF MOSQUITOES INSECTS OF	MEDICINE EVALUATION OF HUMAN PREGNANCY TEST IN B	267
MICROORGANISMS IN GENERAL PROTOTHECA ORAL YEASTS	MEDITERRANEAN BIOLOGICAL STUDIES PROGRAM OCEAN A	252
INSECT HORMONES	MEDITERRANEAN ENV. IMPACT OF SLEEP HOLLOW DEVELO	22
S FROM AVIAN BLOOD BASIC SCIENCES RELATED TO VETERINARY	MEDITERRANEAN OCEAN ACRE STUDIES STUDY OF INFLUE	484
AND ZOOGEOG. OF A. CYANEUS GROUP SYSTEMATIC ICHTHYOLOGY	MEDITERRANEAN SEA OCEANOGRAPHY	151
L IMPACT OF GRAND PROJECTS IMPACT ASWAN HIGH DAM ON EAST	METOFAUNA MARINE BENTHIC ECOLOGY SALT MARSH EC	151
SOEZ CANAL AS PATHWAY FOR DISPERSAL BETWEEN RED SEA AND	METOFAUNA PHYSIOLOGICAL ECOLOGY OF MARINE NEMATO	726
DESCRIPTIVE AND PHYSICAL OCEANOGRAPHY GENERAL DYNAMICS	METOFAUNA ROLE OF KILLIFISH IN SALT MARSH POOL D	600
R POLLUTION MEDPAUNO NORTH ADRIATIC DIVERSITY DEEP SEA	METOFAUNA ENERGETICS SALT MARSH POLLUTION MEDPA	151
OGY SALT MARSH ECOSYSTEM DEEP SEA PARTICULARLY MARINE	METOSIS & OVULATION REPRODUCTIVE ENDOCRINOLOGY	667
OLOGICAL CONSULTANT ON THERMAL STRESS ECOLOGY OF MARINE	MEKONG RIVER ECOLOGY AQUATIC ECOLOGY; ENVIRONME	173
OF LARVICIDES ON MICROCRUSTACEANS ECOLOGY OF SALT MARSH	MEKONG WATER BORNE DISEASES	200
MARSH ECOSYSTEM DEEP SEA PARTICULARLY MARINE METOFAUNA	MELANOPUS FROM EUROPE TO USA SEARCH FOR PARASITE	200
LATION AND STEROTIDGENESIS EFFECT OF DRUGS & HORMONES ON	MELANCPUS IN USSR FOREIGN EXPLORATION FOR NATUE	13
N AQUATIC ORGANISMS BIOLOGICAL CONTROL IN TROPICAL PONDS	MELANTHIOIDEAE SYSTEMATIC STUDIES OF DESMIDIUM PR	691
HALACOLOGY ANATOMY IMMUNOLOGY SYSTEMATICS	MELIODOCYSIS IN DOGS IN VIETNAM GLOSSITIS IN DOGS	112
TO USA SEARCH FOR AND IMPORTATION OF PARASITES OF OULEMA	MEMBER PRESIDENT'S WATER POLLUTION CONTROL ADVIS	268
ANOPIUS FROM EUROPE TO USA SEARCH FOR PARASITES OF OULEMA	MEMBERS OF MY FIRM REPRESENT THE FULL RANGE OF S	453
ANATOMY OF THE MONOCOTYLEDONS COMPARATIVE ANATOMY OF THE	MEMERANE SALINOMETER SEA SALT COMPOSITION AND V	775
VETERINARY PATHOLOGY	MENNERANES IN TWO FISH SPECIES	234
FIRE ECOLOGY; SCIENCE ADMINISTRATION; SCIENTIFIC WRITING	MENRAEEN BIOSTATISTICAL ANALYSIS OF MARINE FISH	195
A ANALYSIS FORMAT REG. ECON. AND ECOLOGICAL PLAN SYSTEM	MENRALPN TAGGING STUDIES SMELT STUDIES TAGGING	782
ANALYSIS OF SEA WATER REGIONAL VARIATIONS IN MAJOR IONS	MENSURATION TECHNICAL REPORT WRITING THE TARIF	241
MARINE INVERTEBRATE ZOOLOGY AND PARASITOLOGY ACANTHOCR	MENSURAL FUNCTION BIOMEDICAL RESEARCH NEUROBIOLOG	241
P SEA BASS FISHERY POPULATION DYNAMICS OF ADULT ATLANTIC	MEN AI FUNCTION EFFECT OF LEAD INGESTION ON MENT	161
ON DYNAMICS; RESEARCH ADMINISTRATION MARMAP FIELD OFFICE	MERCURY AND THE FETUS "IN UTERO" ENVIRONMENTAL	102
LOGY OF REDWOOD FOREST ECOLOGY AND SILVICULTURE FOREST	MERCURY IN FISH AND PLANKTON AND WATER FISH SEN	496
RADIATION ON MENTAL FUNCTION EFFECT OF LEAD INGESTION ON	MERCURY IN SEDIMENTS ESTUARINE ECOLOGY; ENVIRON	245
RESEARCH NEUROBIOLOGY NEUROCHEM. EFFECT OF RADIATION ON	MERCURY POISONING ANATOMIC PATHOLOGY PARTICULA	610
ATER DISINFECTION INFECTIONS HEPATITIS AND WATER QUALITY	MERRIMACK RIVER & BOSTON HARBOR WATER POLLUTIO	137
AS RELATED TO DIFFERENT ENVIRONMENTS FISH AND POLLUTION	MERRIMACK RIVER DIVERSION EFFECTS STUDY MWEANTI	605
SHELL CLAMS IPSWICH MA ENVIRONMENTAL IMPACT STATEMENTS	METABOLIC BY-PRODUCTS IMMUNOELECTROPHORESIS RES	238
OF LABORATORY ANIMALS NEUROBIOLOGIC EFFECTS OF METHYL	METABOLISM & TEMPERATURE REGULATION PHYSIOLOGIC	548
UATION OF RAPID INFILTRATION BEDS WASTEWATER STUDIES FOR	METABOLISM AND EFFECTS OF PESTICIDES AND ORGANIC	7
OROMY OF SCIAENIDAE PARKER RIVER ALEWIFE MODELLING STOEY	METABOLISM AND MODE OF ACTION OF PESTICIDES IN M	708
GRADIENT ACRYLAMIDE GROWTH STIMULATION OR INHIBITION BY	METABOLISM BY BACTERIA CLOSTRIDIA INFECTIONS; P	258
TERATOLOGICAL EFFECTS OF SALICYLATES DIETARY EFFECTS ON	METABOLISM ENVIRONMENTAL BEHAVIOR	781
R RELATIONS OF DESERT ANTELOPES ENERGETICS OF LOCOMOTION	METABOLISM NITRITE FORMATION IN HEATED WATER ORI	309
HENE PESTICIDES IN THE MARINE ENVIRONMENT ENVIRONMENTAL	METABOLISM OF A HERBICIDE IN SOYBEANS ANALYSIS	578
RES/INSECTICIDES METABOLISM OF PESTICIDES BY GYPSY MOTH	METABOLISM OF DDT & DIELDRIN BY MARINE ALGAE PER	578
GOCYTOSIS CLOSTRIDIA INFECTIONS AND PHAGOCYTOSIS STEROID	METABOLISM OF DDT BY FRESHWATER ALGAE UPTAKE AND	7
INSECT PHYSIOLOGY-SPECIFICALLY	METABOLISM OF PESTICIDES BY GYPSY MOTH METABOLI	128
WATER QUALITY SURVEY ROLE OF TRACE METALS IN MICROBIAL	METABOLISM OF PLANTS INORGANIC PLANT NU	185
STREIBITION OF CHLORINATED HYDROCARBONS IN ATLANTIC OCEAN	METABOLISM RESIDUES OF VIRGINIAMYCIN IN SHINE RE	463
AINEE - METABOLISM OF DDT BY FRESHWATER ALGAE UPTAKE AND	METAL COMPARATIVE BIOCHEMISTRY PHYSIOLO	
S WITH MARINE AND FRESHWATER PHYTOPLANKTON NIM TRAINEE -		
OF ACTION AND DEGRADATION OF NEW ACARICIDES/INSECTICIDES		
TRITION ESPECIALLY TRACE ELEMENTS ECORON REQUIREMENT AND S		
S & TOXICOLOGY OF VETERINARY PRODUCTS BIOCHEMISTRY DRUG		
GY PHARMACOLOGY TOXICOLOGY BIOCHEMICAL GENETICS BRNAVY		

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ORGANIC MATTER AND TRACE ELEMENTS IN NATURAL WATERS	TRACE METAL - ORGANIC MATTER ASSOCIATIONS IN SEAWATER	751
ESTUARY POLLUTION PHOSPHATES IN LONG ISLAND SOUND	METAL ANALYSIS IN LONG ISLAND SOUND	711
CAL EFFECTS ISOTHERMAL COMPRESSIBILITY OF SEAWATER	TRACE METAL BASELINE STUDIES CHEMICAL EFFECT OF AIRBOR	429
TOXICITY HEAVY METALS FISH TEMPERATURE ACUTE TOXICITY	HEAVY METAL BENTHIC HEAVY METAL TOXICITY TOWARD FRESH	576
OS PHYSIOLOGICAL RESPONSE OF GREEN CRAB TO METALS	HEAVY METAL BIOASSAY WITH MARINE ORGANISMS PHYSIOLOGIC	140
ALS PLANKTON DECOMPOSITION ANAEROBIC WATER SYSTEMS	TRACE METAL CYCLING DURING DRIFTING MID-ATLANTIC COAST	3
THE PESTUS "IN DIBRO" ENVIRONMENTAL BIOCHEMISTRY -	HEAVY METAL INTERACTIONS WITH PROTEINS CHLORINATED ORG	161
Y PLANTS IN URBAN SUBURBAN AND FOREST ECOSYSTEMS	URBAN METAL POLLUTION OF PLANTS AIR POLLUTION INHIBITI	664
SH TEMPERATURE ACUTE TOXICITY HEAVY METAL BENTHIC	HEAVY METAL TOXICITY TOWARD FRESH WATER AQUATIC COMMUN	576
O OYSTER EMBRYOS PHYSIOLOGICAL RESPONSE OF GREEN CRAB	TO METALS HEAVY METAL BIOASSAY WITH MARINE ORGANIS	140
ENVIRONMENT TRENDS NATURAL AREA SURVEYS ECOLOGY OF	HEAVY METALS PLANT AND ANIMAL DISTRIBUTION ABUNDANCE	368
AMPLAIN BIOASSAYS ON AQUATIC INVERTEBRATES USING	HEAVY METALS & HEAT AS WELL AS GENERAL LIMNOLOGY LIMNO	279
SPECIALIZED ENVIRONMENTAL COATINGS FOR SHIPS BUILDINGS	METALS ETC. FOR UNDER AND ABOVE WATER SPECIALTZF	479
AND FRESH WATER AQUATIC COMMUNITIES ACUTE TOXICITY	HEAVY METALS FISH ACUTE TOXICITY HEAVY METALS FISH TEM	576
ES ACUTE TOXICITY HEAVY METALS FISH ACUTE TOXICITY	HEAVY METALS FISH TEMPERATURE ACUTE TOXICITY HEAVY MET	576
INENTS AMINO ACID GEOCHEMISTRY OF MARINE SEDIMENTS	TRACE METALS IN HUMAN TISSUES ORGANIC CHEMISTRY OF WA	766
THERMODYNAMICS AND KINETICS AIR PURIFICATION	TRACE METALS IN LAKE WASHINGTON LEAD IN COASTAL WATERS	25
N HEATED WASTE WATER WATER QUALITY SURVEY ROLE OF	TRACE METALS IN MICROBIAL METABOLISM NITRITE FORMATION	781
WATERFOWL TESTING LITERATURE REVIEW ON EFFECTS OF	HEAVY METALS IN WATER WINTER ECOLOGY SALT MARSHES AND	274
CRANOGRAPHY CARBON SULPHUR BUDGETS DISSOLVED GASES	TRACE METALS PLANKTON DECOMPOSITION ANAEROBIC WATER SY	3
ERAL ALL AGE LEVELS MULTI MEDIA PRESENTATIONS PRECIOUS	METALS RECLAMATION - POLLUTION CONTROL ENVIRONM	525
CAL EFFECT OF AIRBORNE PARTICULATES ON SEAWATER PLOY	OF METALS THROUGH ENVIRONMENT - CHEMICAL EFFECTS IS	429
ONSE OF ESTUARINE CRAB TO CADMIUM TOXIC EFFECTS OF	HEAVY METALS TO OYSTER EMBRYOS PHYSIOLOGICAL RESPONSE	140
CRUDE OIL TOXICITY IN RED SEA PHYSIOLOGICAL EFFECTS	OF METALS CRUDE OIL INSECTICIDES SYNTETS TO HARI	205
S IN MARINE ENVIRONMENT IODIDES IN NEMERTANS EFFECT	OF METALS OIL ETC. ON PHYSIOLOGY OF MARINE INVERT	449
NUCLEIC ACID DISTRIBUTION IN THE DEVELOPING CHICK HEART	METAPLASIA AND NUCLEAR NUCLEIC ACIDS IN MOTH OVA	12
CELL AND TISSUE CHANGES DURING DEVELOPMENT RNA-INDUCED	METAPLASIA CELLS OF MAMMALIAN OVIDUCT	259
SHIP DATA AND WEATHER E. COAST U.S. AIR SEA INTERACTION	PREDICTION METEOROLOGY AND PHYSICAL OCEANOGRAPHY ANALYSIS E	122
PREDICTION FOR SHORELINE CONSTRUCTION OCEANOGRAPHY AND	T IN HARDWOOD FORESTS WIND PROFILES OVER FORESTS FOREST	214
ABOLIS" RESIDUES OF VERGINIAMYCIN IN SWINE RESIDUES OF A	R MICROBIOLOGY-PHYSIOLOGICAL ECOLOGY-ALGAE AND BACTERIA	185
LIC APPROXIMATION APPLICATION OF STATISTICAL THEORY AND	EASES OF LABORATORY ANIMALS NEUROPATHOLOGIC EFFECTS OF	245
TERN NORTH AMERICA NATURAL AREA SURVEY OF WASHINGTON	IC GING-NOTSU ENVIRONMENTAL ASSESSMENT - LAZ. CARD. MICH.	710
S BAT ECOLOGY ANIMAL - PLANT INTERACTIONS MAMMALS OF NEW	MEXICO EVOLUTIONARY BIOLOGY OF MAMMAL	790
TEMALA PESTICIDE CONSULTANT - CENTRAL AMERICA - PANAMA &	MEXICO INSECT PEST CONTROL AND PLANT QUARANTINE	563
TIC EIGHT. ECOLOGICAL BASELINE STUDY OF THE N.E. GULF OF	MEXICO CLEANING OF OILED WATERFOWL WILDLIFE ECO	313
SQUAMATE REPTILES HERPETOFAUNA OF CUATRO CIENEGAS BASIN	MEXICO ECOLOGY OF CHEMIDOPHORUS TIGRIS VERTEBRAT	468
TS ATLANTIC COASTAL ESTUARY CHEMICAL EFFLUENTS GULF OF	MEXICO-BRAZOS RIVER NUCLEAR SITING STUDY MISSOU	98
WATER WETLANDS SOCIAL BEHAVIOR IN BEAVER FOREST WILDLIFE	MGT. FRESHWATER WETLAND ECOLOGY AND MANAGEMENT	416
AGEMENT SOLUTIONS IN COASTAL ZONE RESOURCES COASTAL ZONE	MGT. IN CHESAPEAKE BAY WETLANDS ON LONG ISLAND I	811
ESHWATER WETLAND ECOLOGY AND MANAGEMENT MODEL FOR PUBLIC	MGT. OF FRESHWATER WETLANDS SOCIAL BEHAVIOR IN B	416
YSIS OF CHROMOSOME ANALYSIS REPRODUCTIVE PATTERN IN WILD	MICE EXPERIMENTAL VERT. ECOLOGY AND CYTOGENETIC	78
NDUCED AND INHERITED SELECTED RESPONSE TO A TERATOGEN IN	MICE MECHANISM OF TRYPTAN BLDE TERATOGENESIS ANIM	49
CE DRIFTING-NOTSU ENVIRONMENTAL ASSESSMENT - LAZ. CARD.	MICH. MEX. NATURAL RESOURCE MANAGEMENT - ENVIR	2
POWER PLANT CONDENSER PASSAGE BASELINE INVENTORY OF LAKE	MICHIGAN ELEMENTS ECOLOGY OF AQUATIC HABITATS	21
TATIC PRESSURE EFFECTS ON MARINE BACTERIA ACTIVITIES OF	MICROBES IN HYDROSPHERE AND LITHOSPHERE (GROMICR	203
TREATMENT AERATOR DECOLORIZATION OF DYE PLANT EFFLUENTS	MICROBIAL (ALGAL BACTERIAL FUNGAL ETC.) ECOLO	532
NITS/RECYCLING MICROBIAL HAZARDS BIOHEMEDICAL ENVIRONMETS	MICROBIAL BIOCHEMISTRY AND ITS BELEVENCE TO POLL	694
ABOLISM AND EFFECTS OF PESTICIDES AND ORGANIC POLLUTANTS	MICROBIAL CONTAMINATION CONTROL OF CLOSED ENVIRO	402
OF PESTICIDES NITRATE REMOVAL BY DENITRIFYING BACTERIA	MICROBIAL DEGRADATION OF DDT ENVIRONMENTAL DISTR	548
ATION OF PESTICIDES - NITRATE REMOVAL BY DENITRIFICATION	MICROBIAL DEGRADATION OF PESTICIDES - NITRATE RE	70
MARINE MICROBIAL ECOLOGY	MICROBIAL DEGRADATION OF PESTICIDES NITRATE REMO	70
SIS OF THREE PROPOSED RESERVOIRS, WEST VIRGINIA AQUATIC	MICROBIAL ECOLOGY	440
PLANETS CONSULTANT TO INDIAN INSTITUTE IN MICROBIOLOGY	MICROBIAL ECOLOGY ECOSYSTEMATIC STUDY OF CEDAR B	654
CLOSED ECOSYSTEMS HUMIC SUBSTANCES IN ESTUARIES MARINE	MICROBIAL ECOLOGY OF SOILS AND WATERS WORKSHOP O	566
DE-GREEN ALGAE	MICROBIAL ECOLOGY SEAWEED COLONIZATION & RELEASE	646
MARINE BACTERIOLOGY FERMENTATION INTERACTIONS IN	MICROBIAL ECOLOGY; ALGAL VIROLOGY LYSOGENY IN BL	106
SES SEARCH FOR CEPHALOSPORIN AMIDASE ENZYME ANTIBIOTICS	MICROBIAL ECOSYSTEMS	356
R BIO AGENTS WASTE MANAGEMENT SYSTEM EFFLUENTS/RECYCLING	MICROBIAL GENETICS	570
ICROBES IN HYDROSPHERE AND LITHOSPHERE (GROMICROBIOLOGY)	MICROBIAL GROWTH AND FERMENTATIONS AND PRODUCTS	753
ASTE WATER WATER QUALITY SURVEY ROLE OF TRACE METALS IN	MICROBIAL HAZARDS BIOMEDICAL ENVIRONMENTS MICRO	402
POLLUTION STUDIES ON THE AUTOLYTIC ENZYMES OF S. AUREUS	MICROBIAL LEACHING OF LOW-GRADE SULFIDE ORES THE	203
RELATIONSHIPS AMONG VIBRIO SPECIES	MICROBIAL METABOLISM NITRITE FORMATION IN HEATED	781
ROLOGISMS OF ENVIRONMENTAL POLLUTION	MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY I HOPE TO	648
IOLOGY; APPLIED ENVIRONMENTAL AND POLLUTION MICROBIOLOGY	MICROBIAL PHYSIOLOGY AND ECOLOGY DNA SEQUENCE BE	686
CTION ON OTHER PLANETS CONSULTANT TO INDIAN INSTITUTE IN	MICROBIAL RESEARCH AS IT PERTAINS TO INDICATOR O	361
IOLOGY) MICROBIAL LEACHING OF LOW-GRADE SULFIDE ORES THE	MICROBIOLOGICAL CHANGES DURING OIL DEGRADATION I	549
PARMACHECHEMICAL FIELDS ANATOMY PHYSIOLOGY CHEMISTRY	MICROBIOLOGY MICROBIAL ECOLOGY OF SOILS AND WAT	566
S WESTCHESTER COUNTY LENTIC-LOTIC STUDY PHYTOBAC MARINE	MICROBIOLOGY & MANGANESE NODULES HYDROSTATIC PRE	203
C NITROGEN CYCLE IN MARINE SEDIMENTS MARINE SEDIMENTARY	MICROBIOLOGY & PATHOLOGY IN THE HEALTH SCIENCES/P	629
TION OF TROPICAL LEGUMES POLLUTION OF FARM PONDS SCIL	MICROBIOLOGY - PHYTOPLANKTON TAXONOMY WATER QUAL	113
STUARIES THERMAL EFFECT ON THE CONNECTICUT RIVER MARINE	MICROBIOLOGY AND BIOCHEMISTRY PROTEIN SYNTHESIS	435
PLIED MICROBIOLOGY; APPLIED ENVIRONMENTAL AND POLLUTION	MICROBIOLOGY BIODEGRADATION OF PESTICIDES NODULA	491
EUTROPHICATION OF SMALL LAKES AIRBORNE BACTERIA CONTROL	MICROBIOLOGY ECOLOGY AND TAXONOMY OF MARINE YEAS	91
VIRONMENTS POSTDOCTORAL RESEARCH ASSOCIATE CONSULTANT OF	MICROBIOLOGY MICROBIOLOGICAL CHANGES DURING OIL	549
VIOTOPLANKTON TAXONOMY WATER QUALITY AND SEDIMENT ANALYSIS	MICROBIOLOGY OF ENVIRONMENTS P.A. TECHNIQUES FOR	436
AQUATIC MICROBIOLOGY	MICROBIOLOGY RESEARCH ASSISTANT CELLULOSE PRODU	577
E EFFECT ON PETROLFUM WASTE TREATMENT BASIC AND APPLIED	MICROBIOLOGY SO. SHORE LONG ISLAND ECOLOGICAL EF	113
TION EFFECTS OF PH, INORG C AND O-PO BIOLOGICAL ADVISOR	MICROBIOLOGY PRIMARY PRODUCTIVITY	243
MENT PROTOZOLOGY - PATHOGENIC FORMS AND THEIR VECTORS -	MICROBIOLOGY; APPLIED ENVIRONMENTAL AND POLLUTIO	549
	MICROBIOLOGY-PHYSIOLOGICAL ECOLOGY-ALGAE AND SAC	386
	MICROBULOPOLLUTION OF WATER WATER POLLUTION SUR	485

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

; PLANT GEOGRAPHY; FOREST ECOLOGY PLANTS - AIR - NOISE -	MICROCLIMATE INTERACTIONS WILD SHRUB CULTIVATION	186
IMATE AND WATER SUPPLY CHEMICAL TEMPERATURE INTEGRATION	MICROCLIMATE MODIFICATIONS IN REFORESTATIONS OF	421
CONTROL BY STONATA INFLUENCE OF FORESTS ON ENVIRONMENT	MICROCLIMATE AND WATER SUPPLY CHEMICAL TEMPERAT	421
Y & PLANT EXPORT POLLUTION OF COASTAL WATERS SALT MARSH	MICROCOSMS: A POLLUTION TOOL EFFECT OF OIL ON MA	504
PHOSPHATE INSECTICIDES ON ALGAE EFFECTS OF LARVICIDES ON	MICROCRUSTACEANS ECOLOGY OF SALT MARSH MEIOFAUN	600
FIRE ON SOIL FAUNA VERTICAL MIGRATION OF SOIL FAUNA THE	MICROFAUNA OF FOREST SOIL EFFECT OF FERTILIZER O	480
ND SYSTEMATICS OF SMALL MAMMALS IN EASTERN NORTH AMERICA	MICROHABITAT SELECTION IN SMALL MAMMALS AT THE C	398
ALGAL AND BACTERIAL ECOLOGY INVESTIGATIONS OF FRESHWATER	MICROLAYER BIOLOGY AND CHEMISTRY MICROBIAL (ALG	532
	MARINE MICROORGANISM	466
R POLLUTION CONTROL WITH EMPHASES ON CONTROL OF NUISANCE	MICROORGANISMS WATER	767
PHYTOFLAGELLATE CELL BIOLOGY OF EUKARYOTIC	MICROORGANISMS - PARTICULARLY ALGAE MITOSIS IN A	331
ON OF WOOD CULTURE DISTRIBUTION AND CYTOLOGY OF AQUATIC	MICROORGANISMS COPPER TOLERANCE IN ALGAE FUNGUS	584
MEDICAL MYCOLOGY PHYCOLOGY AND PATHOLOGY OF	MICROORGANISMS IN GENERAL PROTOTHCA ORAL YEASTS	556
ULTRASTRUCTURAL CHANGES IN FISH EXPOSED TO DDT ELECTRON	MICROSCOPIC ANALYSIS OF INSECTICIDES' EFFECTS IN	768
E SYSTEMATIC LEAP ANATOMY OF BOLRUSHES SCANNING ELECTRON	MICROSCOPY OF ACHENES ESTUARINE PLANTS OF RIVERS	628
CULTURE CELL CULTURE ASSAY OF WATER POLLUTANTS ELECTRON	MICROSCOPY OF VIRUSES INHIBITOR OF RNA SYNTHESIS	219
LEAF CENSUS - 4 COMMUNITIES ABSTRACTOR HUMAN PATHOLOGY	MICROSCOPY CLINICAL AND PATHOLOGIC ANATOMY ANNU	296
MODELS MEDICAL ENTOMOLOGY OF RURAL AFGANISTAN EFFECT OF	MICROSPORIDAN PARASITES ON MALARIA MED ENTOMOLO	755
BLOODSUCKING FLIES OR CHOCERCIASIS CONTROL	MICROSPORIDS ON BLACK FLIES MALARIA CONTROL	364
ATION DYNAMICS POPULATION DYNAMICS OF AQUATIC ORGANISMS	MID ATLANTIC BIGHT ENVIRONMENTAL SURVEY ELECTRIC	664
	MID-ATLANTIC BIGHT REGION	470
ENVIRONMENTAL PROBLEMS ECOLOGICAL BASELINE STUDY OF THE	MID-ATLANTIC BIGHT. ECOLOGICAL BASELINE STUDY OF	319
EROTIC WATER SYSTEMS TRACE METAL CYCLING DURING DREDGING	MID-ATLANTIC COASTAL ATMOSPHERIC PROCESSES CNEH	3
ASTAL ZONE WORKSHOP MARSH ECOLOGY MARINE OIL POLLUTIO	MID-WATER TO BENTHIC ECOLOGY EXPERIMENTAL SALT M	719
SSACHUSETTS COASTAL ISLANDS VERTEBRATE REMAINS IN INDIAN	MIDDENS AVIAN POPULATIONS IN OLD FIELD SUCCESSIO	758
MANAGEMENT MODEL INVENTORY OF FISHERIES OF NEW YORK AND	MIDDLE ATLANTIC DOMESTIC AND INTERNATIONAL FISH	472
INTERNATIONAL FISHERY MANAGEMENT AND POLICY FISHERIES OF	MIDDLE ATLANTIC BIGHT STATE-FEDERAL FISHERY MANA	472
STEM - WATER QUALITY OUTDOOR EDUCATION LABORATORY AVIAN	MIGRATION AND ENERGY BALANCE DEVELOPMENT OF MARS	212
	MIGRATION OF FISH FISHWAY EVALUATION STUDY	580
Y OF BIRDS AND MAMMALS OF UTAH LIFE HISTORY ECOLOGY AND	MIGRATION OF PELAGIC BIRDS LIFE HISTORY ECOLOG	99
L FAUNA EFFECT OF PRESCRIBED FIRE ON SOIL FAUNA VERTICAL	MIGRATION OF SOIL FAUNA THE MICROFAUNA OF PORES	480
ODE ISLAND SOUND CORRELATIONS BETWEEN ENV. VARIABLES AND	MIGRATION POTENTIAL EFFECT OF POWERPLANT ON NARR	555
ING WATER LEVELS FISHERIES AND AQUATIC BIOLOGY MANHADEN	MIGRATIONS MANHADEN PARASITES EFFECTS OF FLUCUAT	405
WEPTNER SYSTEMS ENVIRONMENTAL - NON-TOXIC FUNGI AND	MILLET RESISTANT - WATER BASED POXIES SPECIALIZ	479
RATION OF CHEPOKEE RESERVOIR BACTERIAL DISEASES OF WATER	MILPOIL DENSITY-GRADIENT CENTRIFUGATION OF SUS	409
TUDIES FARM GAME INSECT REACTORS OF DISEASE IMPORTANT TO	MILITARY MANAGEMENT OF FARM WILDLIFE-ADMINISTRA	433
F HERBICIDES IN ORNAMENTAL CROP USE OF HERBICIDES AROUND	MILITARY INSTALLATIONS PHYSIOLOGICAL EFFECTS M	419
	MILKWEED BETTLE DROSOPHILA DISPERSAL	520
ANIMAL DISPERSAL; BIOLOGY OF DIPTERA BIONOMICS OF	MILL DISCHARGE UPON AQUATIC LIFE BIOASSAY AND IN	8
S OF HEATED DISCHARGE UPON AQUATIC LIFE EFFECTS OF PAPER	MILL ON STREAM POLLUTION IDENTIFICATION OF PAPER	263
RECH AND GENERAL TEXTILE RESEARCH EFFECT OF WOOL SCOURING	MILL WASTES FIBROUS CONTAMINANTS IN AIR PLANT M	263
COURING MILL ON STREAM POLLUTION IDENTIFICATION OF PAPER	MILL WASTES ON AQUATIC LIFE EFFECTS OF POLLUTIO	38
TURBIDITY AND SILTATION ON AQUATIC LIFE EFFECTS OF PAPER	MILLSTONE POINT CONNECTICUT AREA ECOLOGY OF NEW	333
AM PHYSIOLOGICAL ECOLOGY OF MARINE ORGANISMS ECOLOGY OF	MIMICRY EVOLUTIONARY ECOLOGICAL AND POPULATION	732
ION DYNAMICS OF TWO LOCUS SYSTEMS BEHAVIOURAL ASPECTS OF	MINE COAL WASTES POPEST GROWTH NEAR COAL-BURNING	354
STEM DYNAMICS FOLLOWING DISTURBANCES RECLAMATION OF DEEP	MINE DRAINAGE ABATEMENT WORLD HERITAGE TRUST LI	677
T EFFECTS OF SURFACE MINING ON U.S. FISH & WILDLIFE ACID	MINE DRAINAGE AND INORGANIC GEOLOGIC FACTORS AF	573
CAVE HYDROLOGY AND GEOLOGY; WATER POLLUTION ESPECIALLY	MINE DRAINAGE BY NEUTRALIZATION DEVELOPMENT OF WOOD	64
PURIFICATION OF ACID MINE DRAINAGE PURIFICATION OF ACID	MINE DRAINAGE FISHERY SURVEY OF PINE CREEK WATER	145
IES LAKE COMMUNITY FISH DISTRIBUTION IN RELATION TO ACID	MINE DRAINAGE POLLUTION ABATEMENT STUDY NATURAL	747
Y ENVIRONMENTAL MANAGEMENT AND POLLUTION ABATEMENT ACID	MINE DRAINAGE PURIFICATION OF ACID MINE DRAINAGE	64
NIQUES ANALYSIS OF REVERSE OSMOSIS PURIFICATION OF ACID	MINE DRAINAGE ROADSIDE REST AREA STUDY SAFETY IN	367
F POLLUTANTS ON ENVIRONMENT REVERSE OSMOSIS TREATMENT OF	MINE DRAINAGE STREAM BIOLOGICAL EFFECTS OF INDUS	282
ING OF SHAWNEE LAKE BENTHIC MACROFAUNAL PRODUCTION ACID	MINE DRAINAGE WATERS DOWN WIND TRAVEL OF CHY EVE	783
IR AND WATER POLLUTION CONTROL REMOVAL OF IRON FROM ACID	MINE POLLUTION SEDIMENTS OF DELMARVA INTRACOASTA	177
L WATERWAY PRODUCTIVITY LAKE SEDIMENTS ACID	MINE SPILL OFF IN PARK WATER SHED PREDING ECOLOGY	750
IRONMENTS DOMESTIC EFFLUENT IN LAKE WATER SUPPLIES STRIP	MINE SPOIL POTENTIALS FOR WATER QUALITY AND SOIL	649
ALTH SOIL FERTILITY SOIL CHEMISTRY AND CLAY MINERALOGY	MINE WASTE DUMPS IN THE ADIRONDACK MOUNTAINS THE	398
IDDOUS ECOTONE ECOLOGY OF SMALL MAMMALS ON IRON-TITANIUM	MINE WATERS MACROBENTHIC ASSOCIATIONS IN RIEFLE	116
GISMS OF RIPPLE COMMUNITIES DYATCH FLUCTUATIONS IN ACID	MINERAL CYCLING & WASTE DISPOSAL WASTEWATER IRRI	192
AM-SOIL INTERACTIONS SEWAGE SLODGE DISPOSAL ON THE LAND	MINERAL CYCLING COVE POINT BENTHIC STUDY EFFECTS	300
OF BENTHIC INFAUNA AND PLANKTONIC PRIMARY PRODUCTION AND	MINERAL CYCLING ECOLOGY AND GEOCHEMICAL SIGNIFIC	320
RICA PHYTOPLANKTON TAXONOMY AND ECOLOGY AND ITS ROLE IN	MINERAL CYCLING ESTABLISH HIGH WATER MARK IN RIV	306
OLOGICAL ECOLOGY OF ALGAE AND VASCULAR AQUATIC PLANTS -	MINERAL NUTRITION & PLANT PHYSIOLOGY TRACE ELEME	771
RODUCTION, IN GRASS ION ABSORPTION BY PLANT CELLS PLANT	MINERAL NUTRITION AND ANIMAL HEALTH SOIL FERTIL	649
MINE SPOIL POTENTIALS FOR WATER QUALITY AND SOIL EROSION	MINERALOGICAL ANALYSES OF CLAY SAMPLES STUDIES	803
ES OF SOILS CHARACTERIZATION STUDY OF RHODE ISLAND SOILS	MINERALOGY AND SYSTEMS ANALYSIS LINEAR PROGRAM P	351
OR QUANTITATIVE CLAY ANALYSIS SOIL CLAY	MINERALOGY MINE SPOIL POTENTIALS FOR WATER QUALI	645
D ANIMAL HEALTH SOIL FERTILITY SOIL CHEMISTRY AND CLAY	MINES ON WILDLIFE MANAGEMENT OF UPLAND GAME	482
ANIMALS EFFECTS OF HIGHWAYS ON WILDLIFE EFFECTS OF STRIP	MINING ASSOCIATED POLLUTION STRIP MINING RECLAM	810
DECAY ANTI STRIP MINING LEGISLATION - CONSULTATION COAL	MINING LEGISLATION - CONSULTATION COAL MINING A	810
LACHIANS COAL COMMUNITY ABANDONMENT AND DECAY ANTI STRIP	MINING ON DEER AND GROUSE DEVELOPING SLIDE-LECTO	606
RD EFFECTS ON WILDLIFE ADULT EDUCATION EFFECTS OF STRIP	MINING ON ESTUARY SURVEY OF AQUATIC ORGANISMS IN	336
S AND ACTIVITIES OF AQUATIC BACTERIA EFFECT OF PHOSPHATE	MINING ON OZARK HEADWATER STREAMS WATER QUALITY	242
INNER IN SO. DAK. WATER QUALITY INVESTIGATIONS IMPACT OF	MINING ON U.S. FISH & WILDLIFE ACID MINE DRAINAG	677
TAGE TRUST LIVING RESOURCE MANAGEMENT EFFECTS OF SURFACE	MINING RECLAMATION AND SLOPE STABILIZATION CYCLE	810
- CONSULTATION COAL MINING ASSOCIATED POLLUTION STRIP	MINNESOTA PATHOLOGY AND HISTOLOGY OF FINGERLING	365
INCLUDING CHEMISTRY THE ECOLOGY OF THE BIRCH LAKE AREA IN	MINNESOTA POLLUTION OF LAKE ONONDAGA NEW YORK	182
OF MARINE AND FRESHWATER SEDIMENTS REGIONAL LIMNOLOGY OF	MIREX ON EARLY OLD-FIELD SUCCESSION VERNAL CAMBI	114
OF CHEMICAL POLLUTANTS ESPECIALLY PESTICIDES EFFECT OF	MIREX ON SECONDARY SUCCESSION ANIMAL ECOLOGY S	404
N EFFECT OF DDT ON CHLORELLA-DAPHNIA ECOSYSTEM EFFECT OF	MISSOURI RIVER ECOLOGY THERMAL AND INDUSTRIAL E	98
MENTS GULF OF MEXICO-BRAZOS RIVER NUCLEAR SITING STUDY	MITES CLASSIFICATION O	141
P NITIDULIDAE (COLEOPTERA); HABITS AND CONTROL OF SPIDER	MITES (ORIBATEI) LIFE HISTORY STUDIES TAXONOMY	633
SABBATICAL - UNIV. MYSORE TOXOPLASMOSES ACAROLOGY SCIL	MITICIDES EVALUATION OF ANTIMALARIAL COMPOUNDS I	394
ESTUF. COPEPODS SCREENING OF SAT. HYDROCARBON AS PODITRY	MITOSIS IN A PHYTOFLAGELLATE CELL B	331
IOLOGY OF EUKARYOTIC MICROORGANISMS - PARTICULARLY ALGAE		

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

T SOIL WATER RELATIONS REGENERATION FOLLOWING CUTTING IN	MIXED OAK NET PRECIPITATION IN MIXED OAK STANDS	81
TION FOLLOWING CUTTING IN MIXED OAK NET PRECIPITATION IN	MIXED OAK STANDS PATTERNS OF SOIL MOISTURE DEPLE	81
UATION FOR HARDWOOD SPECIES SILVICULTURE OF HARDWOOD AND	MIZED STANDS ANNUAL CANKER OF MAPLE APPLICATION	756
HEADWATER STREAMS WATER QUALITY OF 3 RIVER BASIN IN N.E.	MO. LIFE HISTORY OF THE EMERALD SHINER IN SO. DA	242
I MODE OF ACTION OF PESTICIDES IN MAMMALS AND ARTHROPODS	MODE OF ACTION AND DEGRADATION OF NEW ACARICIDES	7
S METABOLISM OF PESTICIDES BY GYSEY MOCH METABOLISM AND	MODE OF ACTION OF PESTICIDES IN MAMMALS AND ARTH	7
ES AROUND MILITARY INSTALLATIONS PHYSIOLOGICAL EFFECTS	MODE OF ACTION AND FATE OF HERBICIDES IN THE EN	419
TEM PARAMETEPS BACTERIAL GROWTH AND THE DELAWARE ESTUARY	MODEL BASELINE STUDY OF TWO NEW IMPOUNDMENTS IN	257
ROLE OF PIGMENTS - PHOTOSYNTHESIS - POLLUTION THE USE OF	MODEL ECOSYSTEMS FOR THE STUDY OF WATER POLLUTIO	84
ANTIBODY ON EXPERIMENTAL PNEUMOCOCCIOSIS AN EXPERIMENTAL	MODEL FOR HYPERSENSITIVITY PNEUMONITIS IMMUNOLO	95
WILDLIFE MGT. FRESHWATER WETLAND ECOLOGY AND MANAGEMENT	MODEL FOR PUBLIC MGT. OF FRESHWATER WETLANDS SOC	416
F MIDDLE ATLANTIC BIGHT STATE-FEDERAL FISHERY MANAGEMENT	MODEL INVENTORY OF FISHERIES OF NEW YORK AND MID	472
PLANKTON ECOLOGY THERMAL POLLUTICN	MODEL OF ALGAL PRODUCTION	63
ECOLOGICAL MODELS - SIMULATION PLANT ECOLOGY/MANAGEMENT	MODEL OF FORESTS OF GLACIER NATIONAL PARK EASTER	392
N MARSH ECOLOGY ECOLOGY OF SMALL FOAT MARINAS SIMULATION	MODEL CP NARRAGANSETT BAY ECOLOGICAL ENERGETICS	517
INE AREAS ECOLOGY OF A NEW ENGLAND SALT MARSH ECOLOGICAL	MODEL CP NARRAGANSETT BAY SOLID WASTE DISPOSAL IN	528
ALE SNOWCOVER ECOLOGY OF DIAPENSIA ABLES PICEA SYSTEMS	MODEL OF SALT MARSH ECOLOGY OF HARSH ENVIRONMEN	727
IVATIVE KINETIC & THERMOCHEM. STUDIES OF PORPHYRIN REAX	MODEL STUDIES IN ORGANIC SEMICONDUCTION & PHOTO-	5
EN IN NICE MECHANISM OF TRYPAN BLUE TERATOGENESIS ANIMAL	MODEL SYSTEM FOR 2 4 5 T TERATOLOGY TESTING DEF	49
DESIGN & ANALYSIS OF ECOSYSTEM PROBLEMS AND MATHEMATICAL	MODELING STATISTICAL	780
OF ALOSA PSEUDOHARENGUS ALOSA PSEUDOHARENGUS POPULATCN	MODELING AQUATIC ECOLOGY AND FISHERIES BIOLOGY	376
ELINE STUDY OF TWO NEW IMPOUNDMENTS IN PA. MATHEMATICAL	MODELING AND MEASUREMENT OF AQUATIC ECOSYSTEM PA	257
TATS THEIR INHABITANTS AND THEIR MANAGEMENT PREDICTIVE	MODELING AND MONITORING OF A BAY EFFECTS OF POWE	21
NTAL PROTECTION ENVIRONMENTAL SYSTEMS ANALYSIS COMMUNITY	MODELING HEALTH EFFECTS OF ENERGY POLICY HEALTH	745
AMICS INCLUDING STATISTICAL ANALYSIS OF DATA AND SYSTEMS	MODELING METHOD FOR EXPLAINING VARIATION IN A PL	651
YTIC ANTARCTIC PDNGI ECOLOGY AND TAXONOMY AQUATIC FUNGI	MODELING OF ANTARCTIC ECOSYSTEMS PARASITIC AND S	536
IGN NAVY ENVIRONMENTAL PROTECTION DATA BASE BEAVER RIVER	MODELING PROJECT APPLICATION OF SYSTEMS ANALYSI	50
LATIONS BIOMATHEMATICAL	MODELING SOCIAL BEHAVIOR OF PEROMUSCUS BIRD POPP	613
RESTORATION WATER QUALITY CRITERIA; PLANKTON POPULATION	MODELING; FIELD ORNITHOLOGY TWO MATHEMATICAL MOD	75
IFE HISTORY; TAXONOMY OF SCIAENIDAE PARKER RIVER ALBIEE	MODELLING STUDY HERRIMACK RIVER DIVERSION EFFECT	137
FLUCTUATING TEMPERATURE EFFECTS ON ECOSYSTEMS ECOSYSTEM	MODELLING DELAWARE ESTUARY	391
TS MANAGEMENT IMPACTS UPON CONNECTICUT RIVER ECOLOGICAL	MODELS - SIMULATION PLANT ECOLOGY/MANAGEMENT MO	392
IMPACT OF DREDGE DISPOSAL STREAM HYDROLOGIC STUDIES AND	MODELS FOR ABATEMENT AND PLANNING THALLIUM POLLU	447
BACTERIAL FUNGAL ETC.) ECOLOGY AND PHYSIOLOGY TESTING	MODELS FOR ANTARCTIC FRESHWATER LAKES ENVIRONMEN	532
VECTOR BIOCONTROL ADAPTATION OF HUMAN MALARIA TO ANIMAL	MODELS MEDICAL ENTOMOLOGY OF RURAL AFGANISTAN EF	755
ID WASTE DISPOSAL IN THE OCEAN TCTAL SYSTEM STUDIES AND	MODELS OF ESTUARINE AREAS ECOLOGY OF A NEW ENGLA	528
POPULATION MODELING; FIELD ORNITHOLOGY TWO MATHEMATICAL	MODELS OF PLANKTON-ALGAE FOOD CHAIN WATER QUALIT	75
ARINE PHYTOPLANKTON ECOLOGY BIOGEOGRAPHY QUANTITATIVE	MODELS QUANTITATIVE ECOLOGY OF NORTH ATLANTIC PL	591
DISPOSAL SALINITY INTRUSION IN ESTUARINES MATHEMATICAL	MODELS; RIVER AND ESTUARY WATER QUALITY; THERMAL	302
N CARBONATES, BAHAMAS SEDIMENTOLCY AND PALBOECOLOGY CP	MODERN AND ANCIENT CARBONATE SEDIMENTS PALEOCOL	90
RAMINIFERAL-ALGAL COLONIES BAHAMAS SEDIMENTOLOGY-ECOLOGY	MODERN CARBONATES BAHAMAS SEDIMENTOLOGY AND PA	90
BEACH RES. FOR ANTIMOEBIC AGENT BIOTECHNICIAN TRAINING	MODULES DEVELOPMENT PROTOZOLOGY - PATHOGENIC F	485
ANIMALS; ECOLOGY OF WETLAND ENVIRNMENTS ECOLOGY OF THE	MOHAWK RIVER FLOODPLAINS MAMMALS OF BLUE RIDGE M	118
K NET PRECIPITATION IN MIXED OAK STANDS PATTERNS OF SOIL	MOISTURE DEPLETION IN OAKS FOREST SOIL WATER RE	81
ECOLOGY OF AQUATIC FUNGI ACTIVITY OF WATER	MOLDS IN A LAKE	134
COMPARATIVE BIOCREM.	MOLECULAR SYSTEMATICS ENVIRONMENTAL PHYSIOLOGY	88
SECRETION CP	MOLECULES BY ALGAE	1
ITES OF FISH IMMUNITY TO PARASITES SHELLFISH DISEASES	MOLUSCAN BIOLOGY SHELLFISH DISEASES SCHISTOSOMI	123
INE INVERTEBRATES PARTICULARLY CEPHALOPODS AND GASTROPOD	MOLUSCS TOXINS OF MAR	671
EFFECTS OF MARINE POLLUTION (OIL) CN	MOLUSCS (PELECYPODS)	685
TC. ON PHYSIOLOGY OF MARINE INVERTEBRATES OIL EFFECTS ON	MOLLUSCS COPPER WASTES IN MARINE ENVIRONMENT IOD	449
OF CLUMPING POPULATION AND COMMUNITY BIOLOGY OF MARINE	MOLLUSCS IN PARTICULAR EFFECTS OF DISTURBANCE OF	547
ON OF FRESH-WATER MOLLUSKS IDENTIFICATION OF FRESH-WATER	MOLLUSKS ECOLOGY TAXONOMY AND SYSTEMATICS OF	244
FD SALMON STDDIES BIOLOGY AND MANAGEMENT OF COMMERCIAL	MOLLUSKS AND FISH EFFECTS OF HURRICANE AGNES ON	14
NO BORING ORGANISMS LARVAL BIOLOGY OF BORING AND FOULING	MOLLUSKS CINEMATOGRAPHIC STUDIES OF FOULING LARV	162
USCA: BIVALVIA: UNIONACEA) IDENTIFICATION OF FRESH-WATER	MOLLUSKS IDENTIFICATION OF FRESH-WATER MOLLUSKS	244
TS OF HURRICANE AGNES FLOOD ECOLOGY OF PELAGIC LARVAE CF	MOLLUSKS IN ESTUARIES ECOLOG OF ESTUARINE ANIM	16
EFFECTS OF WATER QUALITY AND QUANTITY ON ANIMALS (MAINLY	MOLLUSKS INSECTS CRUSTACEANS FISH) ENVIRONMEN	166
NITOR DEVELOP SULFUR IN AIR MONITOR DEVELOP OIL IN WATER	MONITCR DEVELOPMENT OF AIR AND WATER MONITORING	565
AND NATURAL SYSTEMS QUANTITATIVE METHODS FOR WATER DUAL	MONITOR DESIGN NAVY ENVIRONMENTAL PROTECTION DAT	50
VELOP PHOSPHORUS IN WATER MONITOR DEVELOP SULFUR IN AIR	MONITOR DEVELOP OIL IN WATER MONITOR DEVELOPMEN	565
D INSTRUMENTS FOR POLLUTANTS DEVELOP PHOSPHORUS IN WATER	MONITOR DEVELOP SULFUR IN AIR MONITOR DEVELOP OI	565
AND BLUE-GREEN ALGAE ECOLOGY AND SYSTEMATICS POLLUTCN	MONITORING ALGAL ECOLOGY DIATOM	679
MENTAL ANALYSES OF THREE PROPOSED RESERVOIRS BIOLOGICAL	MONITORING BIOLOGICAL RECOVERY OF CLINCH RIVER	184
VELOP OIL IN WATER MONITOR DEVELOPMENT OF AIR AND WATER	MONITORING METHODS AND INSTRUMENTS FOR POLLUTANT	565
N MARINE WATER QUALITY MANAGEMENT COASTAL WATER QUALITY	MONITORING NETWORK VERTICAL DISTRIBUTION COPEPOD	348
NHABITANTS AND THEIR MANAGEMENT PREDICTIVE MODELING AND	MONITORING OF A BAY EFFECTS OF POWER PLANT CONDE	21
LDATE POTENTIAL SOURCES OF TERRESTRIAL POLLUTION ENVIRPCN	MONITORING PROGRAM EDGEWOOD ARSENAL MD INSULLATI	553
CTUAL AND POTENTIAL SOURCES OF AQUATIC POLLUTION ENVIRPCN	MONITORING PROGRAM EDGEWOOD ARSENAL MD INSTALLA	542
VALUATE POLLUTION EFFECTS ON AQUATIC COMMUNITIES ENVIRPCN	MONITORING PROGRAM EDGEWOOD ARSENAL MD INSTALLA	55
TREATMENT SYSTEMS AND RECEIVING WATERWAYS WATER QUALITY	MONITORING PROGRAM FOR OCCOQUAN WATERSHED OPTIMA	572
OF DREDGING DUMPING NEW HAVEN HARBOR CONN. ECOLOGICAL	MONITORING PROGRAM NEW HAVEN HARBOR CONN. ECOL	174
L MONITORING PROGRAM NEW HAVEN HARBOR CONN. ECOLOGICAL	MONITORING PROGRAM STANFORD HARBOR CONN. DEVE	174
E DEVELOPMENT OF MARSH HABITAT PCB CORPORATION WATERSHED	MONITORING SYSTEM - WATER QUALITY OUTDOOR EDUCAT	212
NEW ENGLAND: BIOLOGICAL EFFECTS DESIGN OF WATER QUALITY	MONITORING SYSTEMS ASSESSMENT OF ENVIRONMENTAL	497
OMOLOGY LINHOLOGY AND ENVIRONMENTAL POLLUTION INSTRMANT	MONITORING TECHNIQUES IN A LARGE RIVER SYSTEM EC	337
LOGY - EUTROPHICATION PROCESSES AND BTIOLOGICAL POLLUTION	MONITORING TROPHOGENIC ECOLOGY OF SOUTHWESTERN R	469
NY BEHAVIORAL ECOLOGIST UPPER TROPHIC LEVELS ECOSYSTEM	MONITORING VIA AVIFAUNA AN. ECOSYSTEM ANALYSIS U	130
YLENE ON FLOWER PIGMENTS STRESS ON PLANTS AIR POLLUTCN	MONITORING WITH PLANTS INFLUENCE OF OZONE ON PLA	155
TY MITICIDES EVALUATION OF ANTIMALARIAL COMPOUNDS IN INE.	MONKEYS ACUTE TOXICITY OF PESTICIDES TO ESTOR.	394
VITY OF BELGRASS COMMUNITY COMPARATIVE ANATOMY OF THE	MONOCOTYLEDONS COMPARATIVE ANATOMY OF THE MELANT	13
E DIAGNOSIS DIAGNOSTITION PLANT DISEASE DIAGNOSTIC LAB.	MONOGRAPHIC STUDIES OF DISCONYCTES PLANT DISEA	562
MINNESOTA PATHOLOGY AND HISTOLOGY OF FINGERLING TROUT IN	MONTANA ACCELERATED EUTROPHICATION IN A SOUTH DA	365
MUNITIES AND WATER MOVEMENT AERIAL PHOTOGRAPHIC STUDY CP	MONTAUK PT. AND CHESAPEAKE BAY PHYTOPLANKTON COM	115
TSWEAG BAY RE: NUCLEAR POWER PLANT CONTROLLED EROSTON IN	MONTSWEAG BAY EFFECTS OF DREDGING IN BFLASK HAR	181

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

IN BELFAST HARBOR MARINE BENTHIC COMMUNITIES SURVEY OF CENIDOPHORUS TIGRIS VERTEBRATE PADNA COLORADO NATL. AE ITS REPRODUCTION AND LIFE HISTORY FLORISTIC SURVEY OF Y HERPETOFAUNA SOUTHERN SPAIN BIOGEOGRAPHY HERPETOFAUNA RAL PRACTICES EFFECTING THE SOYBEAN PLANT INFLUENCE OF A D CITY, PORT MACON JETTYS, NORTH CAROLINA TAXONOMIC AND ING BLUEGILL SUNFISH IN FARM PONDS LAKE TROUT CHROMOSOME CHANISMS PEANUT SEED IRRADIATION EXPERIMENT REPRODUCTIVE AMPLES STUDIES RELATED TO SOIL GENESIS CLASSIFICATION OF PAPER MILL WASTES FIBROUS CONTAMINANTS IN AIR PLANT S SPECIAL EMPHASIS: KIDNEY STRUCTURE AND FUNCTION RENAL ND BRYOZOA OF PANAMA CANAL REGION ECOLOGY TAXONOMY AND CELLULAR	MONTSWAEG BAY RE: NUCLEAR POWER PLANT CONTROLLED MONUMENT REPRODUCTIVE BIOLOGY GENERAL ECOLOGY MOREHEAD CITY PORT MACON JETTYS NORTH CAROLINA MOBOCCO LIZARD ECOLOGY PRESAHARAN ECOSYSTEM IN MORPHACTINS ON SOYBEAN PLANTS INFLUENCE OF 2-3-5 MORPHOLOGICAL KNOWLEDGE OF MARINE ALGAE ITS REPR MORPHOLOGY INCREASE FISH AND WILDLIFE PRODUCTIV MORPHOLOGY AND EFFICIENCY OF PEANUT VARIATION MORPHOLOGY AND LAND USE THE EFFECT OF INDUSTRIAL MORPHOLOGY AND TEXTILE FIBER RESEARCH AND GENERA MORPHOLOGY IN DESERT MAMMALS RENAL DEVELOPMENT I MORPHOLOGY OF BRYOZOA COLONY GROWTH OF COMMON EO MORPHOLOGY OF PLANTS	181 468 519 97 127 519 777 656 803 263 343 34 197 697 657 334 273 273 634 46 46 406 645 499 454 680 680 46 23 666 7 592 12 707 301 324 571 118 398 543 318 712 398 712 632 632 632 115 763 630 736 240 772 194 568 377 333 226 547 761 623 525 145 312 794 340 572 544 180 180 634 634 244 676 676 530 120 596 130 268 446 637 583 556 172
TAXONOMY OF TWO-WINGED FLIES (DIPTERA) AND QUANTITY STUDY WITH STATISTIC ANALYSIS OF CORNUS PLANT COANOTY RHINOCEROS BEETLE PROJECT PESTS OF RICE IN FIJI ETC. LARVA HERRING MAINE COAST ESTIMATES LARVAL HERRING OGY OF FISHES LARVAL FISHES ESTIMATES OF ABUNDANCE AND ES SMITH FIELD PLANTATION HOUSE RESTORATION & MANAGEMENT INSECT PESTS MOSQUITOES CHIRONOMIDS W.H.O. CONSULTANT ULTANT MOSQUITO CONTROL BY FISH AFRICA W.H.O. CONSULTANT DISSOLVED ORGANIC PHOSPHORUS FROM PHYTOPLANKTON: DUR 4B RAL PEST MANAGEMENT EVAL LARVICIDAL BRIQUETTES FOR CONT. LOGY OF EASTERN EQUINE ENCEPHALITIS PHYSIOLOGICAL AGE CE OLOGICAL SURVEY AT ARMY RESEARCH EASES VECTOR STUDIES CN S POPLATIONS REPRODUCTION OF MOSQUITOES REPRODUCTION OF MICS OF NATURAL CULEX PIPIES POPLATIONS REPRODUCTION CE NCE DIPTERA BIOLOGICAL CONTROL OF AQUATIC INSECT PESTS OF THE HOUSE FLY INSECT PEST MANAGEMENT BITING FLIES BRYOLOGY LICHENOLOGY	MORPHOLOGY OF SAME DIPTERA OF EGYPT MORPHOLOGY SYSTEMATICS EMBRYOLOGICAL STUDY OF POP MORTALITY AND DISPERSAL OF INSECT POPULATIONS WC MORTALITY SUBMERSIBLE STUDY HERRING EGG BEDS EC MORTALITY FIELD EXPERIMENT ABUNDANCE ETC. LARVA MORVEN PARK HISTORIC HOUSE & CARRIAGE MUSEUM IMP MOSQUITO CONTROL BY FISH AFRICA W.H.O. CONSULTANT MOSQUITO CONTROL BY FISH ASIA BIOLOGICAL CONTROL MOSQUITO CONTROL DITCHES IN SALT MARSHES PHOSPHO MOSQUITOES INSECTS OF MEDICAL IMPORTANCE EPIDEM MOSQUITOES & CHIKUNGUNYA VIRUS MEDICAL ENTOMOLO MOSQUITOES HORMONOMETRIC INSECTICIDES BIONOMICS MOSQUITOES REPRODUCTION OF MOSQUITOES HORMONOMETR MOSQUITOES CHIRONOMIDS W.H.O. CONSULTANT MOSQUITOES FIFTH FLIES COASTAL MANAGEMENT PEST MOSS CYTOLOGY SPHAGNUM TAXONOMY & ECOLOGY	197 697 657 334 273 273 634 46 46 406 645 499 454 680 680 46 23 666 7 592 12 707 301 324 571 118 398 543 318 712 398 712 632 632 632 115 763 630 736 240 772 194 568 377 333 226 547 761 623 525 145 312 794 340 572 544 180 180 634 634 244 676 676 530 120 596 130 268 446 637 583 556 172
CARICIDES/INSECTICIDES METABOLISM OF PESTICIDES BY GYPSY PING CHICK HEART METAPLASIA AND NUCLEAR NUCLEIC ACIDS IN AIRMONT PARK PHILADELPHIA PATTERNS OF NUTRIENT CYCLING R WATER POLLUTION BIOLOGY EUTROPHICATION STUDY OF SMITH SOIL FACTORS WATERSHED NUTRIENT BUDGETS - CENTRAL ROCKY CY OF THE MOHAWK RIVER FLOODPLAINS MAMMALS OF BLUE RIDGE MALS ON IRON-TITANIUM MINE WASTE DUMPS IN THE ADIRONDACK AREA COUNCIL SURVEY. FOREST STRUCTURE & DYNAMICS ROCKY ITATIVE METHODS AND STATISTICS IN ECOLOGY SE COOPERATIVE ICS OF MOUSE POPULATION CYCLES POPULATION CYCLES IN RATS E ADIRONDACK MOUNTAINS THE BIOLOGY OF THE CLOUDLAND DEER POPULATION ECOLOGY AND GENETICS OF RODENTS GENETICS CP ON MOUSE SKIN CHROMATIN TUMOR PROMOTION OF ANTHRALIN IN GE CARCINOGENESIS IN MOUSE SKIN EFFECT OF CARCINOGENS CN ANGER RESEARCH INHIBITION OF TWO-STAGE CARCINOGENESIS IN OTE SENSING TO STUDY PHYTOPLANKTON COMMUNITIES AND WATER IN THE SOIL PESTICIDES IN SOIL AND BIOACTIVITY HERBICIDE TION BUBBLE INDUCED UPWELLING OF SEA WATER SPREADING AND AVIAN VULNERABILITY TO AIRCRAFT	MOTH METABOLISM AND MODE OF ACTION OF PESTICIDE MOTH DEPOLLATION AERIAL SENSING FOR EVALUATING: MOTH OVARY CELLS SUBMICROSCOPIC DISTRIBUTION OF MOULT AND PELAGE PATTERNS IN PHOCA VITULINA MOUNTAIN ECOSYSTEMS SOIL SURVEY FOR USE IN DEVE MOUNTAIN LAKE VA. BIOLOGICAL SURVEY OF PETERS C MOUNTAINS FOREST RESOURCES SCIENCES AND ENVIRON MOUNTAINS SMALL MAMMALS OF PIEDMONT FORESTS ECO MOUNTAINS THE BIOLOGY OF THE CLOUDLAND DEER MOUS MOUNTAINS COLORADO NATURAL AREA EVALUATION; PL MOURNING DOVE STUDY STATISTICS IN GAME AND FISH MOUSE DEMOGRAPHY ON ISLANDS POPULATION ECOLOGY MOUSE PEROMYSCUS MANICULATUS NUBITERRAE: SYSTEMA MOUSE POPULATION CYCLES POPULATION CYCLES IN RAT MOUSE SKIN ORGANIC SYNTHESIS AND BIOCHEMISTRY A MOUSE SKIN CHROMATIN TUMOR PROMOTION OF ANTHRAL A MOUSE SKIN EFFECT OF CARCINOGENS ON MOUSE SKIN C MOVEMENT AERIAL PHOTOGRAPHIC STUDY OF MONTAUK PT MOVEMENT IN SOILS FATE AND BEHAVIOR OF BIOCIDES MOVEMENT OF OIL SPILLS FOOD PROCESS ENGINEERING MOVEMENTS GAME HABITAT DEMONSTRATION AREA MOVEMENTS IN NEW YORK HARBOR BIOTA OF MANHASSET MOVEMENTS OF DWARF SUCKERS HOMING MECHANISMS L MOVEMENTS OF NEW ENGLAND HERRING GULLS MANAGEN MOVEMENTS OF PHEASANTS IN SOUTH DAKOTA ECOLOGY MT. PUMPED STORAGE HYDRO-ELEC. RES. FISH STUDY MUGGSUBSTANCES IN CLAM PHYSIOLOGICAL ECOLOGY OF MUDDY RUN PROJECT MASS COOP FISHERY UNIT CONNECT MUQU LAGOON TO THE PUBLIC COMPUTER SIMULATION OF MULCHES APHID ALARM PHEROME PLANT - INSECT INTE MULE DEER INTERRELATIONSHIPS OF NUTRITION UPON MULTI. MEDIA PRESENTATIONS PRECIOUS METALS RECLA MULTI-SPECIES LAKE COMMUNITY FISH DISTRIBUTION I MULTIPLE-USE DECISION MAKING SUCCESSION ON OLD F MUNICIPAL SEWAGE SLUDGES CORROSION AND SCALE INH MUNITION DUMP SITES TRACE ELEMENT STUDIES ON DEF MUNITIONS MANUFACTURING WASTEWATER DESIGN AND O MUSCLE CONTRACTION CELL BIOLOGY OF MASSIVE PROT MUSCLE PROTEINS	197 697 657 334 273 273 634 46 46 406 645 499 454 680 680 46 23 666 7 592 12 707 301 324 571 118 398 543 318 712 398 712 632 632 632 115 763 630 736 240 772 194 568 377 333 226 547 761 623 525 145 312 794 340 572 544 180 180 634 634 244 676 676 530 120 596 130 268 446 637 583 556 172
AWHA R., W. VA. DESIGN AND MANAGEMENT OF HISTORIC HOUSE ATION & MANAGEMENT MORVEN PARK HISTORIC HOUSE & CARRIAGE LUSKS ECOLOGY TAXONOMY AND SYSTEMATICS OF FRESHWATER OLOGICAL RESPONSES OF ORBITED TRADESCANTIA ENVIRONMENTAL OUS EFFECTS OF IONIZING RADIATION ON PLANTS AND CHEMICAL OW PH SALT GLAND OF SEA SNAKES ION AND WATER BALANCE CP EHT CARE INTERACTIONAL PROPERTIES OF INDIVIDUALS THEIR FLOOD CONTROL STUDY FAUNAL RESOURCES OF OKWARI PARK SITE FORNAT REG. ECON. AND ECOLOGICAL PLAN SYSTEM MEMBERS OF UIT CROPS; PHYTOPHTHORA & BOTRYTIS PHYSIOLOGY & DISEASES ESTUARINE	MUSCLE PROTEINS MUSCLE PROTEINS MUSEA & SITES SMITH FIELD PLANTATION HOUSE RESTO MUSEUM IMPACT STUDY LITTLE KANAWHA R. W. VA. D MUSLES (MOLLUSCA: BIVALVIA: UNIONACEA) IDENTIFI MUTAGEN TESTING WITH TRADESCANTIA VARIOUS DELET MUTAGENS EFFECTS OF IONIZING RADIATION ON PLANTS MUTANT EXTRA-RENAL ELECTROLYTE AND WATER BALANC MQUAI AND ENVIRONMENTAL INTERDEPENDENCE TREATME MY COMPETENCE IS IN FISHERIES SCIENCE MY CT. NY BEHAVIORAL ECOLOGIST UPPER TROPHIC LE MY FIRM REPRESENT THE FULL RANGE OF SCIENCES AS MYCOECOLOGY OF SERPENTINE SOIL EPIDEMIOLOGY & PH MYCOLOGY	197 697 657 334 273 273 634 46 46 406 645 499 454 680 680 46 23 666 7 592 12 707 301 324 571 118 398 543 318 712 398 712 632 632 632 115 763 630 736 240 772 194 568 377 333 226 547 761 623 525 145 312 794 340 572 544 180 180 634 634 244 676 676 530 120 596 130 268 446 637 583 556 172
RE POTENTIAL FOR MAINE MARINE BOTANY - BOTH PHYCOLOGY & ANISMS IN GENERAL PROTOTHECA ORAL YEASTS MEDICAL ROOT ZONE ECOLOGY - RHIZOSPHERE	MYCORRHIZA PLANT PATHOLOGY	172

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

IL SYSTEMS-PLANT ROOT INTERACTIONS	SOIL ORGANIC MATTER	MYCORRHIZAE	SO	288
ATEI) LIFE HISTORY STUDIES	TAXONOMY SABBATICAL - UNIV.	MYCOSA TOXOPLASMOSIS	ACAROLGY	SOIL MITES (ORI
ORPTION FOLIAR FERTILIZATION	ION STIM. ATAPSC CONTROL	NA AND K UPTAKE IN PLANTS	DEVEL. FOLIAR ANALYSIS	510
WATER BALANCE IN FISH	REPTILES AND AMPHIBIA	ANOXIA AND	NA LOSS IN BROOK TROUT AT LOW PH	SALT GLAND OF S
IAL FOR MAINE	MARINE BOTANY - BOTH PHYCOLOGY & MYCOLOGY	NANNOPLANKTON - DIATOM	STUDY OF MAINE ESTUARIES	583
STEMS OF BOTH NATURAL AND MAN-CREATED	ORIGIN ANALYSIS	CE	NANTUCKET SOUND ISLANDS TRUST	BILL EUTOPHICATION
ARIABLES AND MIGRATION	POTENTIAL EFFECT OF POWERPLANT	CN	NAPPA, BAY ASSESSMENT OF ENVIRONMENTAL MODIFICA	555
COLOGY ECOLOGY OF SMALL BOAT	MARINAS SIMULATION MODEL	CF	NARRAGANSETT BAY ECOLOGICAL ENERGETICS SYSTEMS	517
ECOLOGY OF A NEW ENGLAND	SALT MARSH ECOLOGICAL MODEL	CF	NARRAGANSETT BAY SOLID WASTE DISPOSAL IN THE OCEA	528
LDTRE OF MARINE ORGANISMS	MARINE WETLANDS OF SUFFOLK AND	NAL	NASSAU COUNTIES AQUACULTURE FOR LONG ISLAND	ABNO
NAL EXPERIENCE	CONSULTANT FORESTRY AND FIBERS	F	LAND USE	721
ENT OF OPTIMAL PROGRAMS	FOR BOTH PEOPLE AND ENVIRONMENTS		NATIONAL COMMISSION ON MATERIALS POLICY	FORESTRY
ON PLANT ECOLOGY/MANAGEMENT	MODEL OF FORESTS OF GLACIER	GY & SYSTEMATICS OF FISHES	FISH STOCKS OF THE EVERGLADES	142
CA AND CARIBBEAN	ECOLOGICAL SURVEY	VOLCANO EARU	PROPOSED	392
DOOR RECREATION	PLAN DESERT BIGHORN SHEEP	BOOK	EXPERT CN	191
				408
				378
				659
				344
				378
				427
				99
				468
				516
				332
				543
				710
				368
				52
				710
				674
				680
				200
				465
				511
				283
				540
				210
				406
				656
				431
				417
				2
				747
				509
				471
				592
				785
				255
				748
				509
				314
				198
				310
				393
				751
				748
				50
				699
				438
				424
				457
				165
				22
				726
				726
				449
				343
				424
				585
				527
				527
				527
				360
				104
				738
				285
				65
				81
				348
				302
				37
				241
				770
				241

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

RYL REGARDING SPONTANEOUS DISEASES OF LABORATORY ANIMALS	245
CYTOLOGY OF AQUATIC ANIMALS ESPECIALLY NERVOUS SYSTEMS	104
RATIVE NEUROBIOLOGY ESPECIALLY INVERTEBRATE SENSE ORGANS	37
ORGANIZATION IN NEOTOMA FUSCIPES SOCIAL ORGANIZATION IN	395
ES BEHAVIORAL ECOLOGY OF MAMMALS SOCIAL ORGANIZATION IN	395
ACID MINE DRAINAGE PURIFICATION OF ACID MINE DRAINAGE BY	64
OGY IN THE ESTUARY HETEROTROPHY ON THE CONTINENTAL SHELF	612
IONIZING RADIATIONS AND RADIONUCLIDES IN THE BIOSPHERE	526
IOSPHERE NEUTRON AND GAMMA-RAY RESPONSE OF SEEDS PLANTS	526
PMENT OF WOOD PLASTIC TECHNOLOGY INVESTIGATION OF PULSED	64
VE ANATOMY OF CETACEAN BRAIN	360
COMPARATIVE	
ANAL LONG-TERM EFFECTS OF CORTICOSTEROIDS ADMINISTERED TO	717
RATES IN PONDS ON BK. TROUT FISHING QUALITY PREDATION ON	
POPULATION ASPECTS OF ENVIRONMENTAL EDUCATION THE MARINE	73
IONAL BIRD POPULATION STUDIES; CO-AUTHOR OF BIRDS OF THE	489
AS WILDLIFE REFUGES OR BIRD SANCTUARIES ORNITHOLOGY IN	489
ATIC ADVISOR - WEED CONTROL AND FISHERY DEVELOPMENT LAKE	550
- AND LATIN AMERICA TREE IDENTIFICATION FOREST SURVEY NE	438
IN RELATION TO FISH FAUNA EFFECTS OF ZINC CHROMIUM AND	93
IN CASAHANCE RECOMMENDATIONS FOR AID IN AGRICULTURE DEV.	142
NTAL POLLUTANTS WITH MARINE AND FRESHWATER PHYTOPLANKTON	578
SPIDER MITES	141
CLASSIFICATION OF	
TRIFYING BACTERIA MICROBIAL DEGRADATION OF PESTICIDES -	70
L BY DENITRIFICATION MICROBIAL DEGRADATION OF PESTICIDES	70
CAL WASTEWATER TREATMENT DENITRIFICATION OF CONCENTRATED	371
N OF ALUM AND IRON SULFATES FOR P REMOVAL ENHANCEMENT OF	439
ICATION WITH CLINOPTILOLITE BIOLOGICAL WASTE TREATMENT	439
MENTAL PHYSIOLOGY PHYSIOLOGICAL EFFECTS OF INHALED AMYL	164
ITY SURVEY ROLE OF TRACE METALS IN MICROBIAL METABOLISM	781
L METABOLISM NITRITE FORMATION IN HEATED WATER ORIGIN OF	781
ISTRY PROTEIN SYNTHESIS INHIBITION BY POLLUTANTS ORGANIC	435
PAY JELLYFISH FREE AMINO ACIDS AND MARINE INVERTEBRATES	760
E INVERTEBRATES NITROGEN CYCLE IN SHALLOW MARINE WATERS	760
UTRITION & PLANT PHYSIOLOGY TRACE ELEMENTS IN BIOSPHERES	771
S ECOLOGICAL STUDY OF DELAWARE RIVER NEAR BORDENTOWN NJ	457
YSIS ECOLOGICAL STUDY OF DELAWARE RIVER NEAR BORDENTOWN	457
POUNDS SOIL MICROBIOLOGY BIODEGRADATION OF PESTICIDES	491
G OF LOW-GRADE SULFIDE ORES THE MICROBIOLOGY & MANGANESE	203
MANAGEMENT; PLANT GEOGRAPHY; FOREST ECOLOGY PLANTS - AIR	186
- ALUMINUM PRODUCER COSTS OF POWER ECLUTION CONTROL AIR	434
NEW YORK RECREATIONAL USES OF NATURAL RESOURCES USES OF	785
IMPACT OF PESTICIDES ECOLOGICAL EFFECTS OF PESTICIDES ON	552
LIVES STUDY - WATER-SWEETENER SYSTEMS ENVIRONMENTAL -	479
HABITAT REQUIREMENTS OF RAVEN ECOLOGY AND MANAGEMENT OF	341
LIFE HABITAT FOOD HABITS OF DEER-RANGE CARRYING CAPACITY	158
TAILS IN S. ONTARIO WOODLOT FLORIDA CREEL SURVEY PROGRAM	462
AND ENGINEERING APPLIED TO GENERATION AND USE OF ENERGY	737
NVIRONMENTAL STRESS (TEMPERATURE PRESSURE ETC.) ON THE	238
UNA MEIOFAUNA ENERGETICS SALT MARSH POLLUTION MEDFORD	151
FRESHWATER FISHERIES MANAGEMENT-IN	26
ION ECOLOGY AND SYSTEMATICS OF SMALL MAMMALS IN EASTERN	398
AR RAD. EFFECTS OF FIRE ON PLANT COMMUNITIES IN EASTERN	710
TION OF ONEIDA LAKE NEW YORK ALGAL - BACTERIA SYMBIOSIS	278
ATION RETRIEVAL APPLIED TO FLORISTICS AND TAXONOMY FLOEA	642
& BEHAVIOR OF LEWIS WOODPECKERS BEHAVIOR AND ECOLOGY OF	291
IOGEOGRAPHY QUANTITATIVE MODELS QUANTITATIVE ECOLOGY OF	591
RINE TELEOST ECOLOGY OF INTRACOASTAL WATERWAY BEAUFORT	93
BY FLORISTIC SURVEY OF MOREHEAD CITY FORT MACON JETTYS	519
ESTUARINE AND COASTAL ECOSYSTEMS ECOLOGICAL STABILITY OF	521
GY SYSTEMATICS OF FRESH WATER ALGAE FRESH WATER ALGAE IN	627
OREST SOILS AND FERTILIZATION FIRST ANNUAL REPORT OF THE	293
ST FERTILIZATION COOPERATIVE SECOND ANNUAL REPORT OF THE	293
EST FERTILIZATION COOPERATIVE THIRD ANNUAL REPORT OF THE	293
EST FERTILIZATION AND WRIGHT QUALITY FIRST ANNUAL REPORT	608
TE FOREST FERTILIZATION COOPERATIVE SECOND ANNUAL REPORT	608
ATE FOREST FERTILIZATION COOPERATIVE THIRD ANNUAL REPORT	608
CAPE COD REGION MASS. BIOGEOGRAPHY OF THE OUTER BANKS	418
ANT GEOGRAPHY AND PALEOECOLOGY VEGETATION OF HOG ISLAND	310
Y AQUATIC ECOLOGY WITH EMPHASIS ON FRESHWATER FISHERIES	569
RECLAMATION AND SLOPE STABILIZATION CYCLE OF COAL IN THE	810
ERTEBRATES IN TEMPERATE FORESTS BIRDS AND CATAPILLARS IN	706
IOLOGY RESEARCH MANAGEMENT FOREST SOIL-SITE RESEARCH IN	560
) SHORT TERM EFFECTS OF ACCOTHION ON FISH POPULATIONS IN	73
ISH STUDY RESEARCH & MANAGEMENT OF WARM WATER FISHES	377
RVEY ESTUARY CIRCULATION WITH REGARDS TO WASTE DISPOSAL	143
FISHERY LIFE HISTORY STUDIES OF ANADROMOUS FISH OF THE	220
LATION DYNAMICS OF MARINE FISH POPULATIONS MANAGEMENT OF	18
L SPECIES PROPOSED ALIGNMENT I-78 PA. SOUTH LEG FREEWAY	706
N BRIDGEPORT HARBOR CONNECTICUT OLD OIL SPILL EFFECTS	307
CONTROL BIOCHEMICAL DEGRADATION OF LIGNIN DEVELOPMENT OF	694
POISONING IN MARINE ORGANISMS TOXICOLOGY OF SYNDETS AND	205
OGY OF THE CLOUDBAND DEER MOOSE PEROMYSCUS MANICULATUS	398
IOLOGY PREDATION IMPACT EVALUATION IMPACT EVALUATION OF	225
OF THE SCHUYLKILL RIVER IN THE VICINITY OF THE LIMERICK	337
NEUROLOGY OF OLFACTION	655
NEUROPATHOLOGIC EFFECTS OF METHYL MERCURY POISON	245
NEUROPHARMACOLOGY OF PYRETHRUM WATER QUALITY STU	104
NEUROPHYSIOLOGY AND ANIMAL BEHAVIOR MECHANISMS O	37
NEOTOMA FLORIDANS SOCIAL BEHAVIOR ORGANIZATION	395
NEOTOMA FUSCIPES SOCIAL ORGANIZATION IN NEOTOMA	395
NEUTRALOSIS DEVELOPMENT OF WOOD PLASTIC TECHNOLO	64
NEUTRON ACTIVATION ANALYSIS OF LAKE SEDIMENTS B	612
NEUTRON AND GAMMA-RAY RESPONSE OF SEEDS PLANTS	526
NEUTRON AND GAMMA-RAY RESPONSE OF SEEDS PLANTS	526
NEUTRON TECHNIQUES ANALYSIS OF REVERSE OSMOSIS	64
NEUROANATOMY OF MAMMLIAN NERVOUS SYSTEM COMPARATI	360
NEWBORN RATS ENVIRONMENTAL PHYSIOLOGY OF MARINE	717
NEWLY STOCKED LANDLOCKED SALMON APPLIED PRACTI	73
NEWSLETTER DIRECTORY OF PERSONNEL OF THE COASTAL	19
NIAGARA FRONTIER REGION WESTERN NY POSSIBLE JET	489
NIAGARA FRONTIER REGIONAL BIRD POPULATION STUDIE	489
NICARAGUA FISHERIES SURVEY FRESHWATER FISHERIES	550
NICARAGUA PROFESSIONAL TREE IDENTIFICATION TERRI	438
NICKEL ON AN ESTUARINE TELEOST ECOLOGY OF INTRAC	93
NIGER COOPERATIVE DEVELOPMENT OF OPTIMAL PROGRA	142
NIN TRAINEE - METABOLISM OF DDT BY FRESHWATER AL	578
NITIDULIDAE (COLEOPTERA); HABITS AND CONTROL OF	141
NITRATE REMOVAL BY DENITRIFICATION MICROBIAL DEG	70
NITRATE REMOVAL BY DENITRIFYING BACTERIA MICROB	70
NITRATE WASTEWATERS WATERFRONT TRANSPORTATION AN	371
NITRIFICATION WITH CLINOPTILOLITE BIOLOGICAL WA	439
NITRIFICATION ALGAL ASSAY FISH BIOASSAY PRINE	439
NITRITE EFFECTS OF OXYLAMINE ON SKIN CIRCULATION	164
NITRITE FORMATION IN HEATED WATER ORIGIN OF NITR	781
NITRITE IN HEATED WASTE WATER WATER QUALITY SURV	781
NITROGEN CYCLE IN MARINE SEDIMENTS MARINE SEDIM	435
NITROGEN CYCLE IN SHALLOW MARINE WATERS NITROGEN	760
NITROGEN CYCLE ON CORAL REEFS CONTROL OF CHESAPE	760
NITROGEN NUTRITION & ALKALOID PRODUCTION IN GRA	771
NJ MARINE ECOLOGICAL STUDY NEAR LITTLE EGG INLET	457
NJ NJ MARINE ECOLOGICAL STUDY NEAR LITTLE EGG IN	457
NOBULATION OF TROPICAL LEGUMES POLLUTION OF FARM	491
NOBULES HYDROSTATIC PRESSURE EFFECTS ON MARINE P	203
NOISE - MICROCLIMATE INTERACTIONS WILD SHRUB CUL	186
NOISE AND RELATED LAND POLLUTION AND LAND USE	434
NON-FARMED RURAL LAND CAMPGROUNDS AND CAMPERS IN	785
NON-TARGET ORGANISMS POPULATION ECOLOGY AND GEN	552
NON-TOXIC FUNGI AND MILDEW RESISTANT - WATER BAS	479
NONCONSUMPTIVE WILDLIFE HABITAT FACTORS DETERMIN	341
NONGAME WILDLIFE AND FOREST MANAGEMENT SYSTEMS	158
NONLINEAR ESTIMATION BY PARABOLIC APPROXIMATION	462
NONPOLLUTING SOURCES OF ENERGY PHYSICS	737
NORMAL AND DISEASED ANIMAL EFFECT OF HIGH ENVIRO	238
NORTH ADRIATIC DIVERSITY DEEP SEA MEIOFAUNA MAR	151
NORTH AMERICA CLINCH RIVER SURVEY	26
NORTH AMERICA MICROHABITAT SELECTION IN SMALL MA	398
NORTH AMERICA NATURAL AREA SURVEY OF WASHINGTON	710
NORTH AMERICAN ALGAL TAXONOMY LIMNOLOGY EUTROPH	278
NORTH AMERICAN PROGRAM	INFORM
NORTH AMERICAN WOODPECKERS; SAME FOR GROUND SQUI	291
NORTH ATLANTIC FLORA BOTTOM WATER CURRENTS IN N.	591
NORTH CAROLINA ESTUARINE ECOLOGY ESPECIALLY IN	93
NORTH CAROLINA TAXONOMIC AND MORPHOLOGICAL KNOW	519
NORTH CAROLINA BARRIER ISLANDS SECONDARY PRODUCT	521
NORTH CAROLINA PHYTOPLANKTON OF DELAWARE RIVER B	627
NORTH CAROLINA STATE FOREST FERTILIZATION COOPER	293
NORTH CAROLINA STATE FOREST FERTILIZATION COOPER	293
NORTH CAROLINA STATE FOREST FERTILIZATION COOPER	293
NORTH CAROLINA STATE FOREST FERTILIZATION COOPER	608
NORTH CAROLINA STATE FOREST FERTILIZATION COOPER	608
NORTH CAROLINA STATE FOREST FERTILIZATION COOPER	608
NORTH CAROLINA THE ISOLATED FORMS OF RACCOONS E	418
NORTHAMPTON CO. VIRGINIA EVALUATION OF NATURAL	310
NORTHEAST VA. FISHERIES SURVEY PUBLIC FISHING LA	569
NORTHERN APPALACHIANS COAL COMMUNITY ABANDONMENT	810
NORTHERN HARDWOODS FOREST RADIATION SENSITIVITY	706
NORTHERN HARDWOODS FOREST ADMINISTRATION FORE	560
NORTHERN MAINE EFFECTS OF VARIOUS STOCKING RATES	73
NORTHFIELD MT. PUMPED STORAGE HYDRO-ELEC. RES. F	377
NORTHECRT NY HYDROTHERMAL SURVEY LYNN MASS. ECO	143
NORTHWEST ATLANTIC DEVELOPMENT OF COMMERCIAL ANA	220
NORTHWEST ATLANTIC HERRING STOCKS STATE-FEDERAL	18
NORTHWEST EXPRESSWAY ALIGNMENT ENVIRONMENTAL ST	706
NORWALK CONNECTICUT PHYSICAL OCEANOGRAPHY EST	307
NOVEL WASTE TREATMENT AERATOR DECOLORIZATION OF	694
NTA TO MARINE LIFE CRUDE OIL TOXICITY IN RED SEA	205
NOBITERRAE; SYSTEMATICS AND DISTRIBUTION FCOLOG	398
NUCLEAR FACILITY ECOLOGY AND BEHAVIOR OF RED AND	225
NUCLEAR GENERATING STATION ECOLOGICAL INVESTIGAT	337

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ISTRIBUTION IN THE DEVELOPING CHICK HEART METAPLASIA AND	NUCLEAR NUCLEIC ACIDS IN BOTH OVARY CELLS	SUBMI	12
OGENETIC DEFECTS GEOLOGICAL IMPLICATIONS OF THE MCGUIRE	NUCLEAR PLANT WATER POLLUTION AND GENETIC DEFECT		9
TOGRAPHIC STDDIES OF FOULING LARVAE ECOLOGICAL IMPACT OF	NUCLEAR PLANT N.H. COAST BIOLOGY OF MARINE LAR		162
ALGOLGY (FRESH WATER) ENVIRONMENTAL IMPACT STATEMENT -	NUCLEAR POWER DIATOM COMMUNITY ANALYSES - CEDAR		347
MAKINE BENTHIC COMMUNITIES SURVEY OF MONTSWEG BAY RE:	NUCLEAR POWER PLANT CONTROLLED EROSION IN MONTSW		181
LOW THROUGH UCA PUGNAX POPULATION ENVIRONMENTAL REPORT -	NUCLEAR POWER PLANT ENERGY FLOW THROUGH UCA PUGN		635
SH INTERACTIONS IN PONDS CONSULTATION: ANALYZE IMPACT OF	NUCLEAR POWER PLANT RESEARCH: POPULATION DYNAMIC		353
OGY AND ECOLOGY OF MAMMALS IN ARCTIC AND COLD CONDITIONS	NUCLEAR POWER PLANT SITE TERRESTRIAL IMPACT SURV		327
AS THEY ARE EFFECTED BY POLLUTION ECOLOGICAL EFFECTS OF	NUCLEAR POWER PLANTS ECOLOGICAL ASSESSMENT OF LI		511
SITES ENVIRONMENTAL ENGINEERING SITING AND OPERATION OF	NUCLEAR POWER PLANTS ECOLOGICAL SURVEYS OF POWEP		693
MARINE PELAGIC ZOOPLANKTON ENVIRONMENTAL EVALUATION OF	NUCLEAR POWER PLANTS FEEDING HABITS OF PINK AND		362
ESTUARY CHEMICAL EFFLUENTS GULF OF MEXICO-BRAZOS RIVER	NUCLEAR SITING STUDY MISSOURI RIVER ECOLOGY TH		98
ROCKS ISLAND PAN LIMRICK	NUCLEAR STATION		363
LIEGE LABOR CONTRACTS FOR TEACHERS AND PARAPROFESSIONALS	NUCLEIC ACID DISTRIBUTION IN THE DEVELOPING CHIC		12
CIDS IN BOTH OVARY CELLS SUBMICROSCOPIC DISTRIBUTION OF	NUCLEIC ACIDS IN DIFFERENTIATING EMBRYONIC SYSTE		12
ION IN THE DEVELOPING CHICK HEART METAPLASIA AND NUCLEAR	NUCLEIC ACIDS IN BOTH OVARY CELLS SUBMICROSCOPI		12
QUITO CONTROL BY FISH ASIA BIOLOGICAL CONTROL OF AQUATIC	NUISANCE DIPTERA BIOLOGICAL CONTROL OF AQUATIC		46
QUATIC BACTERIA-CYCLING OF ORGANIC COMPOUNDS DESCRIBING	NUMBERS AND ACTIVITIES OF AQUATIC BACTERIA EFFEC		336
WATER POLLUTION CONTROL WITH EMPHASES ON CONTROL OF	NUISANCE MICROORGANISMS		767
RAVIOR IN BIRDS COMMUNICATION BEHAVIOR IN WHITE-BREADED	NUTRATCH ASPECTS OF COMMUNICATION BE		598
ANALYSIS OF ECOSYSTEMS BIOGEOCHEMISTRY; AQUATIC ECOLOGY	NUTRIENT - HYDROLOGIC INTERACTIONS IN FORESTED W		432
LOBLOLLY PINE SITE PRODUCTIVITY - SOIL FACTORS WATERSHED	NUTRIENT BUDGETS - CENTRAL ROCKY MOUNTAINS FORE		571
TRIENT - HYDROLOGIC INTERACTIONS IN ECRESTED WATERSHEDS	NUTRIENT BUDGETS FOR CAYOGA AND SENECA LAKES ECO		432
N TO GROWTH LAND USE PLANNING - ENVIRONMENTAL MANAGEMENT	NUTRIENT CYCLING IN FOREST ECOSYSTEM LAND USE I		374
COLOGICAL SURVEY FAIRMONT PARK PHILADELPHIA PATTERNS OF	NUTRIENT CYCLING MOUNTAIN ECOSYSTEMS SOIL SURV		301
LING & WASTE DISPOSAL WASTEWATER IRRIGATION AND DISPOSAL	NUTRIENT CYCLING-STREAM-SOIL INTERACTIONS SEWAGE		192
UTRIENTS CARBON DIOXIDE SYSTEM DIFFUSION FROM SEDIMENTS	NUTRIENT STUDIES ON CORAL REEFS MARINE MAMMALS F		551
BENTHOS: SEDIMENT SIZE AND CHEMISTRY INFLUNCES THEREFO	NUTRIENT TRANSPORT IN OLIGOHALINE TIDAL MARSHES		332
OGY AND PHYSIOLOGY ECOSYSTEMS PRODUCTIVITY RECYCLING OF	NUTRIENTS ENERGY FLOW THROUGH SOIL-PLANT-ATMOSP		474
ACUTE & SUBLETHAL EFFECTS OF POLLUTANTS TO FISH ROLE OF	NUTRIENTS IN DIATOM POPULATION DYNAMICS TOXICITY		281
PECT TO ECOSYSTEM STRUCTURE AND FUNCTION EFFECTS OF SOIL	NUTRIENTS ON ECOSYSTEM STRUCTURE SEASONAL FLUCTU		481
OF ZOOPLANKTON ON ALGAL POPULATIONS THE INTERACTION OF	NUTRIENTS ALGAE AND ZOOPLANKTON IN AQUATIC ECO		558
AMMALS FROM CAPE COD TO CAPE HATTERAS AQUATIC CHEMISTRY	NUTRIENTS CARBON DIOXIDE SYSTEM DIFFUSION FROM		551
& PLANT PHYSIOLOGY TRACE ELEMENTS IN BIOSPHERES NITROGEN	NUTRITION & ALKALOID PRODUCTION IN GRASS ION AB		771
N, IN GRASS ION ABSORPTION BY PLANT CELLS PLANT MINERAL	NUTRITION & PLANT PHYSIOLOGY TRACE ELEMENTS IN B		771
IL POTENTIALS FOR WATER QUALITY AND SOIL EROSION MINERAL	NUTRITION AND ANIMAL HEALTH SOIL FERTILITY SOI		649
IONSHIPS OF NUTRITION UPON ANIMAL DISEASES AND PARASITES	NUTRITION AND DISEASE OF BIGHORN SHEEP PHYSTOLO		623
C DEVELOPMENT SCIL FERTILITY AND PLANT	NUTRITION LAND RECLAMATION AGRICULTURAL ECONOMI		335
VEGETATION CHANGES ON SOIL FERTILITY VEGETATION GROWTH	NUTRITION OF PEAT BOGS VEGETATION ANALYSIS AND		171
ON OR MALNUTRITION UPON MDLE DEER INTERRELATIONSHIPS OF	NUTRITION UPON ANIMAL DISEASES AND PARASITES NUT		623
ST SOILS RESEARCH SOIL-FOREST RELATIONSHIPS ESPECIALLY	NUTRITION ECOLOGY AND SOIL CHANGE FOREST PERTI		699
REMENT AND METABOLISM OF PLANTS INORGANIC PLANT	NUTRITION ESPECIALLY TRACE ELEMENTS BORON REQUI		128
DEVEL. FOLIAR ANALYSIS PROG. FOR ELORISTS' CROPS PLANT	NUTRITION INCLUDING BIOCHEMICAL ASPECTS OF ABSO		510
AND THEIR ECOLOGY SURVEY-MARINE PHYTOPLANKTON OF BERMUDA	NUTRITIONAL REQUIREMENTS AND ECOLOGY OF BERMUDA		196
D OTHER PHYTOPLANKTON SURVEY OF CALDER LAKE, BIOLOGICAL	NUTRITIONAL REQUIREMENTS OF MARINE AND FRESH WAT		196
TORRIALBA COSTA RICA TREE IDENTIFICATION FOREST SURVEY	NW ECUADOR TREE IDENTIFICATION PREPARATION OF B		43P
ST PRODUCTION ON CHIPMUNK POPULATIONS MAST PRODUCTION IN	NY PENNSYLVANIA FORESTS INGESTION RATES OF CHIPM		276
TAL STUDIES CURRENTS OFF THE SOUTH SHORE OF LONG ISLAND	NY MARINE ENVIRONMEN		500
CONTROL STUDY FAUNAL RESOURCES OF CKWARI PARK SITE NY CI.	NY BEHAVIORAL ECOLOGIST DPPEP TROPHIC LEVELS EC		130
ARK LAND AQUISITION FINGER LAKES STATE PARK KEDRA LAKE	NY I HAVE A KEEN KNOWLEDGE AND COMPETENCE IN GE		400
AND WOOD PLANT IDENTIFICATION VEGETATION MAP SOUTHEASTICN	NY FROM AIR PHOTOS FOREST ECOLOGY SAMPLING METR		41
ROTHERMAL SURVEY LYNN MASS. ECOLOGIC SURVEY EGG HARBECE	NY HYDROTHERMAL SURVEY ESTUARY CIRCULATION WITH		143
ARY CIRCULATION WITH REGARDS TO WASTE DISPOSAL NORTHPORT	NY HYDROTHERMAL SURVEY LYNN MASS. ECOLOGIC SURV		143
LOGY APPRAISAL OF A SUMMER CAMP LAKE ERIE NEAR BUFEALC	NY PARK LAND AQUISITION FINGER LAKES STATE PARK		400
O-AUTHOR OF BIRDS OF THE NIAGARA FRONTIER REGION WESTERN	NY POSSIBLE JEM POPULATION TRYING TO KEEP OFF RO		483
CONNECTICUT RIVER MAPINE RESOURCE PLANNING LONG ISLAND	NY SHORE MANAGEMENT GUIDELINES PLANNING & MANAG		471
OF DEEP SEA CORALS PROGRAM MANAGEMENT AND DEVELOPMENT -	NYS SEA GRANT ECOLOGY AND SYSTEMATICS		682
EMERALD GREEN - N.Y. STATE D.E.C. HEARING EDGEWOOD LAKES	NYS-DEC HEARING AQUATIC ECOLOGY ESPECIALLY FIS		209
FISH BIOLOGICAL EVALUATION OF WILFENING AND DEEPENING C &	O CANAL - FISH EVALUATION OF SEX BIOPSY METHOD -		586
DUCTION - ANAEROBIC DIGESTION EFFECTS OF PH INORG C AND	O-PC BIOLOGICAL ADVISOR MICROBIOLOGY-PHYSTOLOGI		386
WATER RELATIONS REGENERATION FOLLOWING CUTTING IN MIXED	OAK NET PRECIPITATION IN MIXED OAK STANDS PATTET		81
OLLOWING CUTTING IN MIXED OAK NET PRECIPITATION IN MIXED	OAK STANDS PATTERNS OF SOIL MOISTURE DEPLETION I		81
MIXED OAK STANDS PATTERNS OF SOIL MOISTURE DEPLETION IN	OAKS FOREST SOIL WATER RELATIONS REGENERATION P		91
FLORA OF TAIWAN CHEMOSYSTEMATIC STUDIES OF AMERICAN	OAKS ALKALOID-BEARING PLANTS & THEIR ALKALOIDS		430
RIZATION OF PESTICIDES USED BY FEDERAL AGENCIES TRAINING	OBJECTIVES & STDS FOR FEDERAL PEST MANAGEMENT OC		804
ENT - INVENTORY HABITAT PRESCRIBE MANAGEMENT TO ACHIEVE	OBJECTIVES WHITETAILED DEER RESEARCH ESTABLISHIN		626
RECEIVING WATERWAYS WATER QUALITY MONITORING PROGRAM FOR	OCODDAN WATERSHED OPTIMAL PROCEDURES FOR SLUDGE		572
S TRAINING OBJECTIVES & SIDS FOR EPDEPAL PEST MANAGEMENT	OCCUPATIONAL EXPOSURE TO PESTICIDES PEST MANAGE		804
OMONITIS IMMUNOLOGY OF CHRONIC LONG DISEASES ESPECIALLY	OCCUPATIONAL RELATED DELAYED HYPERSENSITIVITY TO		95
RTORING NETWORK VERTICAL DISTRIBUTION COPEPODS - ARCTIC	OCEAN MARINE WATER QUALITY MANAGEMENT COASTAL W		348
CAL MODEL OF NARRAGASSETT BAY SOLID WASTE DISPOSAL IN THE	OCEAN TOTAL SYSTEM STUDIES AND MODELS OF ESTURA		528
TIC ICTHYOLOGY MEDITERRANEAN BIOLOGICAL STUDIES PROGRAM	OCEAN ACRE PROJECT SYSTEMATICS AND ZOOGEOG. OF A		267
PATHWAY FOR DISPERSAL BETWEEN RED SEA AND MEDITERRANEAN	OCEAN ACRE STUDIES STUDY OF INFLUENCE OF TOWING		22
STRUCTURE STUDIES LAND USE AND WATER INTERRELATIONSHIES	OCEAN AND LAKE DYNAMICS AND THERMAL STRUCTURE OC		111
ORAMINIPERIDA LATE PLEISTOCENE PALEOECOLOGY OF TONGDE CE	OCEAN BIOSTRATIGRAPHY OF ATLANTIC COASTAL PLAIN		445
ECOLOGY AND ENVIRONMENTAL STRESS FRESH-WATER AND MARINE	OCEAN COUNTY REG. SEW. AUTH. ENV. ASSESSMENT SOU		467
PALEOECOLOGY ECOLOGY & PALEOECOLOGY PORAMINIPERA INDIAN	OCEAN PORAMINIPERA PALEOENVIRONMENTAL INTERPRET		355
TER DISTRIBUTION OF CHLORINATED HYDROCARBONS IN ATLANTIC	OCEAN METABOLISM OF A HERBICIDE IN SOYBEANS ANA		309
LICENSING BOARD CHEMISTRY OF SEA WATER	OCEAN RESOURCES NEW YORK BIGHT ATOMIC SAFETY AND		443
MARINE AND FRESH WATER FISHES MARINE CAREEKS	OCEAN SCIENCE WORKSHOP MARINE PRODUCTS		269
NCIPLES TO THE AQUATIC ENVIRONMENT REMOTE SENSING OF THE	OCEAN PRODUCTIVITY POLLUTION LIGHT PENETRATION		132
TIONSHIPS OCEAN AND LAKE DYNAMICS AND THERMAL STRUCTURE	OCEAN'S THERMAL STRUCTURE STUDIES LAND USE AND W		111
GUS DISEASE OF HERRING SCIENTIFIC REVIEW AND EDITING OF	OCEANIC MANUSCRIPTS EFFECT ON FISHERIES OF PASSA		615
MARINE RADIOECOLOGY AND CHEMICAL	OCEANOGRAPHY		232
PHYSICAL OCEANOGRAPHY GENERAL DYNAMICS MEDITERRANEAN SEA	OCEANOGRAPHY		484
		DESCRIPTIVE AND P	

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

STATISTICS DEMOGRAPHIC STUDIES OF CHEMIST BIOCHEMISTRY AND	OCEANOGRAPHY DIGITAL COMPUTER SYSTEMS ANALYSIS	425
COAST U.S. AIR SEA INTERACTION METEOROLOGY AND PHYSICAL	OCEANOGRAPHY ANALYSIS ENVIRONMENTAL BUOY DATA AN	122
ION FACILITY WAVE PREDICTION FOR SHORELINE CONSTRUCTION	OCEANOGRAPHY AND METEOROLOGY ACOUSTICS PLANNING	559
OCEANOGRAPHY DESCRIPTIVE AND PHYSICAL	OCEANOGRAPHY GENERAL DYNAMICS MEDITERRANEAN SEA	484
ING MID-ATLANTIC COASTAL ATMOSPHERIC PROCESSES CHEMICAL	OCEANOGRAPHY CARBON SULFUR BUDGETS DISSOLVED GA	3
OLD OIL SPILL EFFECTS, NORWALK, CONNECTICUT PHYSICAL	OCEANOGRAPHY ESTUARINE HYDROGRAPHY COASTAL PROC	307
PHOTOPERIODISM AND ECOLOGY OF THALASSIA REMOTE SENSING	OCEANOGRAPHY MARINE PHYTOPLANKTON AND ANGIOSPER	458
PHYSICAL	OCEANOGRAPHY UNDERWATER ACOUSTICS	286
AMERICA PROJECT AQUATIC BIOLOGY-FRESHWATER ESTUARIES	OCEANS PHYTOPLANKTON FISHERIES ANADROMOUS CLUPE	222
E ELEMENTS RADIONUCLIDES AND POLLUTANTS RADIOELEMENTS IN	OCEANS PLUTONIUM IN LAKE ONTARIO OPENOCEAN ORGAN	74
SEAN ORGANISMS RESPONSE TO POLLUTION BIOGEOCHEMISTRY OF	OCEANS WITH SPECIAL REFERENCE TO TRACE ELEMENTS	74
IFICATION TAXONOMY OF	OESTODINAE (COLEOPTERA:ELATERIDAE) & BEETLE IDEN	221
POPULATION DYNAMICS; RESEARCH ADMINISTRATION HARMAP FIELD	OFFICE MENHADEN TAGGING STUDIES SWEET STUDIES T	195
TO SOLID WASTES (COMPOSTING) CONSULTANT - US ATTORNEY'S	OFFICE SO. DIST. NEW YORK CONSULTANT - ECOLOGY	107
AGENCY BIOLOGICAL CONTROL RESEARCH ASSOCIATE RESEARCH	OFFICER - PUNJAB AGRIC. UNIV. INDIA RESEARCH ALL	43
SYSTEMS IMPACT OF OIL SUPERTANKERS ON MACHIAS BAY MAINE	OFFSHORE OIL AND NEW ENGLAND: BIOLOGICAL EFFECTS	497
OTIC MICROBIAL ECOLOGY ECOSYSTEMATIC STUDY OF CLEAR ECO	OIL ENVIRONMENTAL ANALYSIS OF A WATER PLAN ENVI	654
IMPACTS WATER POLLUTION	OHIO RIVER ALGAE ECOLOGY PERIPHYTIC DISCS ALGAL	359
IMPACT OF OIL SUPERTANKERS ON MACHIAS BAY MAINE OFFSHORE	OIL AND NEW ENGLAND: BIOLOGICAL EFFECTS DESIGN O	497
ND POLLUTION MICROBIOLOGY MICROBIOLOGICAL CHANGES DURING	OIL DEGRADATION IN ECOSYSTEM SALINITY EFFECTS ON	549
NG METALS OIL ETC. ON PHYSIOLOGY OF MARINE INVERTEBRATES	OIL EFFECTS ON MOLLUSCS COPPER WASTES IN MARINE	449
NG IMPACT ANALYSIS CHEMICAL AND PHYSICAL PROCESSES ARTIC	OIL EXPLORATION ENVIRONMENTAL IMPACT ANAL. REGIO	776
OS THERMAL EFFECTS ON BENTHOS OF HUDSON RIVER EFFECTS OF	OIL FIELD BRINE ON TEXAS ESTUARIES ESTUARINE EC	788
ATION OF DYLOX IN FOREST ECOSYSTEM EVALUATION OF SEVIN 4	OIL IN FOREST SYSTEM ANALYSIS OF AGRICULTURAL CH	786
S IN WATER MONITOR DEVELOP SULEDR IN AIR MONITOR DEVELOP	OIL IN WATER MONITOR DEVELOPMENT OF AIR AND WAT	565
WATERS SALT MARSH MICROCOSMS: A POLLUTION TOOL EFFECT OF	OIL ON MARINE BIOTA SALT MARSH PRODUCTIVITY & PL	504
ANT SITE TERRESTRIAL IMPACT SURVEY REVIEW OF TRANSALASKA	OIL PIPE IMPACT REP. ARCTIC MAMMAL PHYSIOLOGY RE	327
ANIC CHEMISTRY IN MARINE ENVIRONMENT ASSESSMENT PROBLEMS	OIL POLLUTION ATLANTIC ORGANIC GEOCHEMISTRY ESTU	213
D-WATER TO BENTHIC ECOLOGY EXPERIMENTAL SALT MARSH STUDY	OIL POLLUTION BASELINE STUDY COASTAL ZONE WORKSH	719
ELINE STUDY COASTAL ZONE WORKSHOP MARSH ECOLOGY MARINE	OIL POLLUTION MID-WATER TO BENTHIC ECOLOGY EXPE	719
CHEMISTRY ESTUARINE SEDIMENTS ORGANIC GEOCHEMISTRY AND	OIL POLLUTION PROBLEMS INPUT-STATE EFFECT ORGANI	213
NS U.S. TUNDRA BIOME TBP COLD REGION ECOLOGY AND TERRAIN	OIL SEIL AND CLEAN UP ARCTIC SOILS PERMAFROST	82
ANDS ECOLOGY AND MANAGEMENT RESEARCH AND ADMINISTRATION	OIL SPILL CONTINGENCY PLAN FOR WILDLIFE WETLAND	224
ES THERMAL POLLUTION BRIDGEPORT HARBOR CONNECTICUT OLD	OIL SPILL EFFECTS NORWALK CONNECTICUT PHYSICA	307
TREATMENT PLANTS ECOLOGICAL ASSESSMENT OF POWER PLANT	OIL SPILL IMPACT STUDY COMPUTERIZATION OF SEWAGE	157
Y IN CHESAPEAKE BAY AQUACULTURE OF SHRIMP AND SHELLFISH	OIL SPILL IN THE SCHUYLKILL RIVER BASIN AQUACULT	597
ING AND MOVEMENT OF OIL SPILLS FOOD PROCESS ENGINEERING	OIL SEILL SOURCE DETECTION BUBBLE INDUCED UPWELL	630
CONDITIONS OF THE BIOTA OF CHESAPEAKE BAY	OIL SPILL STUDY ENERGY POLICY PROJECT	69
INDUCED UPWELLING OF SEA WATER SPREADING AND MOVEMENT OF	OIL SPILLS FOOD PROCESS ENGINEERING OIL SPILL S	630
PLANTS AND POLYELECTROLYTES DEVELOPMENT OF COLLECTOR FOR	OIL SPILLS DEVELOPMENT OF FILTERS FOR AEROSOLS	60
OF ENVIRONMENTAL IMPACTS IN AQUATIC ECOSYSTEMS IMPACT OF	OIL SUPERTANKERS ON MACHIAS BAY MAINE OFFSHORE O	497
MSMS TOXICOLOGY OF SYNDETS AND NTA TO MARINE LIFE CRUPE	OIL TOXICITY IN RED SEA PHYSIOLOGICAL EFFECTS O	205
INE ENVIRONMENT IODIDES IN NEMERTEAES EFFECT OF METALS	OIL ETC. ON PHYSIOLOGY OF MARINE INVERTEBRATES	449
CITY IN RED SEA PHYSIOLOGICAL EFFECTS OF METALS CRUDE	OIL INSECTICIDES SYNDETS TO MARINE LIFE CADMIU	205
OF RESORCINOL WASTEWATER PHYSICAL-CHEMICAL TREATMENT OF	OIL-BALLAST WATER WATER POLLUTION CONTROL - PHY	85
AL BASELINE STUDY OF THE N.E. GULF OF MEXICO CLEANING OF	OILED WATERFOWL WILDLIFE ECOLOGY AND ITS APPLIC	313
SHERMAN DESCRIBE COMM. FISH. PARAMETERS 5 RESERVOIRS IN	OKLAHOMA EST. TOTAL FISHING EPT. ON SHELF PROM	535
LEGE HARRISBURG FLOOD CONTROL STUDY FAUNAL RESOURCES OF	OKWARI PARK SITE NY CT. NY BEHAVIORAL ECOLOGIST	130
TERTEPRATE REMAINS IN INDIAN MIDDENS AVIAN POPULATIONS IN	OLD FIELD SUCCESSION MAMMALIAN SYSTEMATICS AND	758
S ECOLOGY AND MULTIPLE-USE DECISION MAKING SUCCESSION ON	OLD FIELDS SYSTEMS ECOLOGY SYSTEM	312
WATERS THERMAL POLLUTION BRIDGEPORT HARBOR CONNECTICUT	OLD OIL SPILL EFFECTS NORWALK CONNECTICUT PHY	307
POLLUTANTS ESPECIALLY PESTICIDES EFFECT OF NIREX ON EARLY	OLD-FIELD SUCCESSION VERNAL CAMBIAL ACTIVITY IN	114
F FRESHWATER ESTUARINE AND SHALLOW WATER MARINE FISHES	OLDMANS CREEK MARSH STUDY COMPARATIVE BIOSYSTEMA	233
NEUROLOGY OF	OLFACTION	655
E AND CHEMISTRY INFLUENCES THEREON NUTRIENT TRANSPORT IN	OLIGOHALINE TIDAL MAPSHES PHYSICAL AND ANALYTIC	332
SE INFECTIONS PATHOLOGY OF PARASITIC DISEASES ECOLOGY OF	ONCROCEPHALIASIS IN ETHIOPIA HOST/PARASITE INTER	567
OCYTIC CHORIOMENINGITIS VIBROS RESEARCH EFFECT OF LEAD IN	ONCGENESIS IMMUNOLOGY AND PATHOLOGY OF ANIMAL	397
ETH AMERICAN ALGAL TAXONOMY LIMNOLOGY EUTROPHICATION OF	CNEIDA LAKE NEW YORK ALGAL - BACTERIA SYMBIOSIS	278
ATIONSHIPS OF TROPICAL MARINE FISHES LAKE - CONSULTANT -	ONGOING EUTROPHICATION OF TUNIS THERMAL EFFECTS	176
IRIC MACHOFAUNA EFFECT OF CIRCULATING WATER SYSTEMS LAKE	ONTARIO ECOLOGICAL STUDY OF THREE POSSIBLE POWER	381
S FISHERIES BIOLOGY BENTHOS OF NEAR SHORE WATERS OF LAKE	ONTARIO FISH STUDIES OF THE OSWEGO HARBOR AREA Z	207
ND POLLUTANTS RADIOELEMENTS IN OCEANS PLUTONIUM IN LAKE	ONTARIO OPENOCEAN ORGANISMS RESPONSE TO POLLUTIO	74
LAKE WATER QUALITY SURVEY FIRST-YEAR GROWTH ALEWIFE LAKE	ONTARIO OPERATION CLEARWATER LIFE HISTORIES OF	211
RELATIONSHIPS AND PHYSIOLOGICAL ECOLOGY ST. LAWRENCE E.	ONTARIO SHORELINE STUDY BIOGENIC SILICA IN PLANT	250
ICAL PROBLEMS HIBERNAL DISTRIBUTION OF COTTONTAILS IN S.	ONTARIO WOODLOT FLORIDA CBEEL SURVEY PROGRAM NON	462
LEMENTS REGIONAL LIMNOLOGY OF MINNESOTA POLLUTION OF LAKE	ONUNDAGA NEW YORK BIOGEOCHEMISTRY OF MARINE AN	182
ANDS ECOLOGY ECOLOGY MARSHLANDS AND COASTAL IMPOUNDMENTS	OPEN MARSH WATER MANAGEMENT WETLANDS ECOLOGY WE	216
OF DISTURBANCE OF MARINE BIVALVE COMMUNITIES EFFECTS OF	OPENING HUGU LAGOON TO THE PUBLIC COMPUTER SIMUL	547
POLLUTANTS RADIOELEMENTS IN OCEANS PLUTONIUM IN LAKE ONTARIO	OPENOCEAN ORGANISMS RESPONSE TO POLLUTION BIOGE	74
AT SELECTION BIRD POPULATION EFFECT OF LOGGING ON TIMEFR	OPERATIONS AND WILDLIFE WILDLIFE RESOURCES ST.	762
HABITS WILD TURKEY INTERNAL PARASITES IMPACT OF FORESTRY	OPERATIONS ON WILDLIFE WILDLIFE BIOLOGY WILD TU	125
WATER QUALITY MONITORING PROGRAM FOR OCCOQUAN WATERSHED	OPTIMAL PROCEDURES FOR SLUDGE DISPOSAL TREATABIL	572
ID IN AGRICULTURE DEV. NIGER COOPERATIVE DEVELOPMENT OF	OPTIMAL PROGRAMS FOR BOTH PEOPLE AND ENVIRONMENT	142
GRAMS FOR BOTH PEOPLE AND ENVIRONMENTS NATIONAL CONGRESS	OPTIMUM POPULATION ENVIRONMENT SITE SELECTION IN	142
AND PATHOLOGY OF MICROORGANISMS IN GENERAL PROTOTHECA	ORAI YEASTS MEDICAL MYCOLOGY PHYCOLOGY	556
ONIZING RADIATION ON PLANTS RADIOECOLOGICAL RESPONSES OF	ORBITED TRAEDESCANTIA ENVIRONMENTAL MUTAGEN TESTI	676
POPS AND OTHER SPECIES COMPLETE AND PARTIAL DIALELS FOR	ORCHARD GRASS GENETICS AND BREEDING OF FORAGE C	492
FOREST BIOME NATURAL SYSTEMS DREDGING SUNNY POINT MARINE	ORDINANCE TERMINAL BRIDGE-TUNNEL CROSSING HAMPTO	198
ORDINATION OF PLANT COMMUNITIES AND COMPUTER SIMULATIONS	ORDINATION OF PLANT COMMUNITIES COMPUTER SIMULAT	247
NT COMMUNITIES COMPUTER SIMULATION OF PLANT COMMUNITIES	ORDINATION OF PLANT COMMUNITIES AND COMPUTER SI	247
GEOMICROBIOLOGY) MICROBIAL LEACHING OF LOW-GRADE SULPHID	ORES THE MICROBIOLOGY & MANGANESE NODULES HYDROS	203
MECHANICAL CHEMICAL ARGINOGENESIS MECHANISMS CONTROLLING	ORGAN GROWTH IN MAMMALS MECHANISM OF DRUG INDUCE	20
EFERENCES AND AVOIDANCES OF FISHES RESPONSES OF FISHES TO	ORGANIC CHEMICALS BEHAVIORAL AND ECOLOGICAL ASP	476
IN BOSTON HARBOR SEDIMENTS TRANSPORT AND ALTERATION OF	ORGANIC CHEMICALS IN MARINE ENVIRONMENTS GC-MS A	636
CHEMISTRY AND OIL POLLUTION PROBLEMS INPUT-STATE EFFECT	ORGANIC CHEMISTRY IN MARINE ENVIRONMENT ASSESSME	213

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ISTRY OF MARINE SEDIMENTS TRACE METALS IN HUMAN TISSUES	ORGANIC CHEMISTRY OF WATER AND SEDIMENTS AMINO A	766
CYCLING ECOLOGY AND GEOCHEMICAL SIGNIFICANCE OF DIATOMS	ORGANIC COMPOSITION OF DIATOM CELL WALLS PALEOLI	320
IGS HENTRIABILITY OF WEIGHT AND LENGTH IN CHANNEL CAFFISH	ORGANIC COMPOSITION OF 22 SPECIES OF FRESHWATER	574
AQUATIC ORGANISMS IN ESTUARY AQUATIC BACTERIA-CYCLING OF	ORGANIC COMPOUNDS DESCRIBING NUMBERS AND ACTIVI	336
F CENTROSPORES PLANTS NATURAL IPODUCTS PHYTOCHEMISTRY	ORGANIC COMPOUNDS IN A PENNSYLVANIA STREAM INDOL	417
BOLISM OF A HERBICIDE IN SOYBEANS ANALYSIS OF SYNTHETIC	ORGANIC COMPOUNDS IN THE MARINE ENVIRONMENT ADSO	309
UT EFFECTS OF POLLUTION ON AQUATIC ECOSYSTEMS EFFECT OF	ORGANIC ENRICHMENT ON BENTHICFAUNA OCCURRENCE OF	399
ENVIRONMENT ASSESSMENT PROBLEMS OIL POLLUTION ATLANTIC	ORGANIC GEOCHEMISTRY ESTUARINE SEDIMENTS ORGANI	213
UTION ATLANTIC ORGANIC GEOCHEMISTRY ESTUARINE SEDIMENTS	ORGANIC GEOCHEMISTRY AND OIL POLLUTION PROBLEMS	213
RINE MICROBIAL ECOLOGY SEAWEED COLONIZATION & RELEASE OF	ORGANIC MATERIAL WATER TREATMENT IN CLOSED ECOSY	646
C MATTER IN SEA WATER CONFORMATION OF ADSORBED PROTEIN	ORGANIC MATTER AND TRACE ELEMENTS IN NATURAL WAT	751
MATTER AND TRACE ELEMENTS IN NATURAL MATERS TRACE METAL -	ORGANIC MATTER ASSOCIATIONS IN SEAWATER ORGANIC	751
RS TRACE METAL - ORGANIC MATTER ASSOCIATIONS IN SEAWATER	ORGANIC MATTER IN SEA WATER CONFORMATION OF ADSO	751
SOIL SYSTEMS-PLANT ROOT ASSOCIATIONS SOIL	ORGANIC MATTER MYCORRHIZAE	288
BIOCHEMISTRY FROM DAPHNIA'S INHIBITION BY POLLUTANTS	ORGANIC NITROGEN CYCLE IN MARINE SEDIMENTS MARI	435
ENS ECOLOGY OF BRACKISH PONDS RECEIVING SEWAGE DISSOLVED	ORGANIC PHOSPHORUS FROM PHYTOPLANKTON: DUR 48 HO	406
ENVIRONMENTAL METABOLISM AND EFFECTS OF PESTICIDES AND	ORGANIC POLLUTANTS MICROBIAL DEGRADATION OF DDT	548
& THERMOCHEM. STUDIES OF PORPHYRIN REAX MODEL STUDIES IN	ORGANIC SEMICONDUCTION & PHOTO-CONVERSION WITH P	5
IN CHROMATIN TUMOR PROMOTION OF ATRAPALIN IN MOUSE SKIN	ORGANIC SYNTHESIS AND BIOCHEMISTRY APPLIED TO CA	632
CATION MORPHOLOGY IN LAKES US: THE EFFECT OF INDUSTRIAL	ORGANIC WASTES ON THE PHYSICAL AND CHEMICAL PROP	803
BEEK WATERSHED ENVIR. POLLUTION; WATER POLLUTION; BACTI-	ORGANIC AND SEDIMENT CONTAMINATION OF WATER SED	688
TRY - HEAVY METAL INTERACTIONS WITH PROTEINS CHLORINATED	ORGANICS FROM WASTEWATER DISINFECTION INFECTIOUS	161
EMICALS IN MARINE ENVIRONMENT'S GC-MS ANALYSIS OF PCB DIT	ORGANICS IN BOSTON HARBOR SEDIMENTS TRANSPORT A	636
BIOASSAY USING DAPHNIA AS TEST	ORGANISM	15
FACTORS CONTROLLING THE DISTRIBUTION AND ABUNDANCE OF	ORGANISM	389
PROJECT WILD TURKEY PRESEASON BANDING ORNITHOLOGY AT THE	ORGANISMIC LEVEL; ECOLOGY BEHAVIOR POPULATION	285
MARINE BIOLOGY ECOLOGY OF PLANKTONIC	ORGANISMS	260
ENT ESPECIALLY ESTUARINE SYSTEMS AND ESTUARINE DEPENDENT	ORGANISMS FISHERIES MANAGEM	375
ESTICIDES ECOLOGICAL EFFECTS OF PESTICIDES ON NON-TARGET	ORGANISMS POPULATION ECOLOGY AND GENETICS; PEST	552
PHYSICAL ECOLOGY INTERACTION (ENERGY EXCHANGE) BETWEEN	ORGANISMS AND ENVIRONMENT	681
POLLUTION INFECTIOUS DISEASES THERMAL EFFECTS ON AQUATIC	ORGANISMS BIOLOGICAL CONTROL IN TROPICAL PONDS M	414
MUCOSUBSTANCES IN CLAM PHYSIOLOGICAL ECOLOGY OF MARINE	ORGANISMS ECOLOGY OF MILLSTONE POINT CONNECTICU	333
SSIBLE POWER SITES PLANT EFFECT OF POLLUTION ON BENTHIC	ORGANISMS EFFECTS OF DYLCX ON BENTHIC MACROFAUNA	381
BODEGA HEAD, CALIFORNIA PHYSIOLOGICAL ECOLOGY OF MARINE	ORGANISMS HEAT EFFECTS IN A MARINE SNAIL EFFECTS	299
S AND PARASITES OF SHELLFISH DISEASES OF OYSTERS FOULING	ORGANISMS IN ESTUARINES-EFFECTS OF HURRICANE AGN	16
EFFECT OF PHOSPHATE MINING ON ESTUARY SURVEY OF AQUATIC	ORGANISMS IN ESTUARY AQUATIC BACTERIA-CYCLING OF	336
COAST BIOLOGY OF MARINE LARVAE AND FOULING AND BEING	ORGANISMS LARVAL BIOLOGY OF BORING AND FOULING M	162
ND ABNORMALITIES IN BIVALE SHELLFISH CULTURE OF MARINE	ORGANISMS MARINE WETLANDS OF SDPPOLK AND NASSAU	721
FISH POPULATION DYNAMICS POPULATION DYNAMICS OF AQUATIC	ORGANISMS MID ATLANTIC BIGHT ENVIRONMENTAL SURVE	604
MICROBIAL RESEARCH AS IT PERTAINS TO INDICATE	ORGANISMS OF ENVIRONMENTAL POLLUTION	361
F GREEN CRAB TO METALS HEAVY METAL BIOASSAY WITH MARINE	ORGANISMS PHYSIOLOGICAL RESPONSE OF ESTUARINE CR	140
IOELEMENTS IN OCEANS PLDTONIUM IN LAKE ONTARIO OPENOCEAN	ORGANISMS RESPONSE TO POLLUTION BIOGEOCHEMISTRY	74
IDES SYNDETS TO MARINE LIFE CADMIUM POISONING IN MARINE	ORGANISMS TOXICOLOGY OF SYNDETS AND NTA TO MARIN	205
ONMENTAL PHYSIOLOGY ANIMAL PHYSIOLOGY ENERGY BALANCE OF	ORGANISMS UNDER NATURAL CONDITIONS THERMOREGULAT	674
ENT OF C & D CANAL ANALYSIS OF ENVIRONMENTAL EFFECTS ON	ORGANISMS BIOCHEMICAL SYSTEMATICS SUBLETHAL EFF	498
ICAL LABORATORY, WOODS HOLE, MASS. SHELL PENETRATION BY	ORGANISMS MALACOCLOGY INVERTEBRATE ZOOLOGY MAR	112
ER, CT BLASTING IMPACT MARINE COVE INLAND WETLANDS BILL	ORGANIZATION AND MANAGEMENT OF ENVIRONMENTAL FIE	80
F MAMMALS SOCIAL ORGANIZATION IN NEUTOMA FUSCIPES SOCIAL	ORGANIZATION IN NEUTOMA FLORIDANS SOCIAL BEHAVI	395
ION OF VERTEBRATES BEHAVIORAL ECOLOGY OF MAMMALS SOCIAL	ORGANIZATION IN NEUTOMA PDSICEPS SOCIAL ORGANIZA	395
CIAL ORGANIZATION IN NEUTOMA FLORIDANS SOCIAL BEHAVIOR	ORGANIZATION OF VERTEBRATES BEHAVIORAL ECOLOGY	395
IOLOGICAL EFFECTS OF PERSISTENT ENVIRONMENTAL CHEMICALS	ORGANOCHEMISTRY AND AVIAN REPRODUCTION US USSR E	541
ROLE OF KILLFISH IN SALT MARSH POOL DYNAMICS EFFECTS OF	ORGANOPHOSPHATE INSECTICIDES ON ALGAE EFFECTS OF	600
AND FISHERIES BIOLOGICAL IMPLICATIONS ECONOMIC IMPACT OF	ORGANOPHOSPHATE OSHA STANDARDS HUNTING AND FISHI	231
COMPARATIVE NEUROBIOLOGY ESPECIALLY INVERTEBRATE SENSE	ORGANS NEUROPHYSIOLOGY AND ANIMAL BEHAVIOR MECHA	37
THE ROLE OF THE EYE IN DAPHNIA ORIENTATIONS	ORIENTATION AND DISTRIBUTION PATTERNS OF DAPHNIA	690
TION STUDY	ORIENTATION AND MIGRATION OF FISH FISHWAY EVALUA	580
IOLOGY OF MARINE ANIMAL BEHAVIOR ACOUSTIC PERCEPTION AND	ORIENTATION OF LARGE SHARKS PREY SELECTION BEHAV	799
OTION PATTERNS OF DAPHNIA THE ROLE OF THE EYE IN DAPHNIA	ORIENTATIONS ORIENTATION AND DISTRIB	690
NCE OF MAN ON ECOSYSTEMS OF BOTH NATURAL AND MAN-CREATED	ORIGIN ANALYSIS OF NANTUCKET SOUND ISLANDS TRUST	516
N MICROBIAL METABOLISM NITRATE FORMATION IN HEATED WATER	ORIGIN OF NITRITE IN HEATED WASTE WATER WATER QU	781
EFFECTS OF HERBICIDES ON QUACKGRASS USE OF HERBICIDES IN	ORNAMENTAL CROP USE OF HERBICIDES AROUND MILITAR	419
GRASS UNDER STRESS CONDITIONS STRESS PHYSIOLOGY OF WOOLY	ORNAMENTAL PLANTS PHYSIOLOGICAL MECHANISMS FOR	349
UAL, ATLANTIC FLYWAY COUNCIL CANADA GOOSE ESTABLISHMENT	ORNITHOLOGY	87
AND ECOLOGY	ORNITHOLOGY & PLANT ECOLOGY OF WETLANDS WILD TUR	223
NOWLEDGE AND COMPETENCE IN GENERAL ECOLOGY WITH ACCENT IN	ORNITHOLOGY - BIRD IDENTIFICATION DISTRIBUTION	239
S ALLEGHENY RIVER PROJECT WILD TURKEY PRESEASON BANDING	ORNITHOLOGY APPRAISAL OF A SUMMER CAMP LAKE ERIE	400
ING ASIDE AREAS AS WILDLIFE REFUGES OR BIRD SANCTUARIES	ORNITHOLOGY AT THE ORGANISMIC LEVEL; ECOLOGY BE	285
STUDIES - HABITAT MANIPULATIONS IN WILDLIFE MANAGEMENT -	ORNITHOLOGY IN NIAGARA FRONTIER REGIONAL BIRD PO	489
ER QUALITY CRITERIA; PLANKTON POPULATION MODELING; FIELD	ORNITHOLOGY RESEARCH SPECIALIST RESEARCH ASSISTA	167
LS IN WATER WINTER ECOLOGY SALT MARSHES AND BLACK DUCKS	ORNITHOLOGY TWO MATHEMATICAL MODELS OF PLANKTON-	75
SECONDARY SUCCESSION ANIMAL ECOLOGY SPECIES DIVERSITY	ORNITHOLOGY WITH SPECIAL REFERENCE TO WATERFOWL	274
OLOGICAL IMPLICATIONS ECONOMIC IMPACT OF ORGANOPHOSPHATE	ORNITHOLOGY ECOSYSTEM DEVELOPMENT BIRD SPECIES	404
GATION OF PULSED NEUTRON TECHNIQUES ANALYSIS OF REVERSE	OSHA STANDARDS HUNTING AND FISHING EXPENDITURE A	231
TE TREATMENT EFFECT OF POLLUTANTS ON ENVIRONMENT REVERSE	OSMOSIS PURIFICATION OF ACID MINE DRAINAGE PORIP	64
SUCCESSION ON DREDGE ISLAND REPRODUCTION BIOLOGY OF THE	OSMOSIS TREATMENT OF MINE DRAINAGE ROADSIDE REST	367
STUDIES OF THE OSWEGO HARBOR AREA ZOOPLANKTON STUDIES IN	OSPREY ECOLOGY OF VERTEBRATES SPECIAL REFERENC	534
OF NEAR SHORE WATERS OF LAKE ONTARIO FISH STUDIES OF THE	OSWEGO HARBOR AREA BIOLOGICAL LIMNOLOGY & FISHE	207
EMA MELANOPUS FROM EUROPE TO USA SEARCH FOR PARASITES OF	OSWEGO HARBOR AREA ZOOPLANKTON STUDIES IN OSWEGO	207
VEGETATION DIVERSITY ON INSECTS PESTICIDES INDUCED AFID	OUTLEAKS MELANOPUS IN USSR FOREIGN EXPLORATION PO	200
ENVIRONMENTAL EDUCATION COURSES - COLLEGE LEVEL RECREATION &	OUTBREAKS POPULATION DYNAMICS OF INSECTS ECOLO	595
CORPORATION WATERSHED MONITORING SYSTEM - WATER QUALITY	OUTDOOR EDUCATION COURSES RESEARCH IN BIRD POPU	292
MANAGEMENT LIFE HISTORY RESEARCH ON WILDLIFE NATIONWIDE	OUTDOOR EDUCATION LABORATORY AVIAN MIGRATION AN	212
GRAPHY OF THE CAPE COD REGION MASS. BIOGEOGRAPHY OF THE	OUTDOOR RECREATION PLAN DESERT BIGHORN SHEEP BOO	378
CHICK HEART METAPLASIA AND NUCLEAR NUCLEIC ACIDS IN BOTH	OUTER BANKS NORTH CAROLINA THE ISOLATED FORMS O	418
	OVARY CELLS SOBNIOSCOPIC DISTRIBUTION OF NOCL	12

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

RIES ESPECIALLY STRIPED BASS GROSS BIOLOGICAL EFFECT OF NG DEVELOPMENT RNA-INDUCED METAPLASIA CELLS OF MAMMALIAN EUROPE TO USA SEARCH FOR AND IMPORTATION OF PARASITES OF STEROIDOGENESIS EFFECT OF DRUGS & HORMONES ON MEIOSIS & LATION REPRODUCTIVE ENDOCRINOLOGY - SPECIAL EMPHASIS ON NEW YORK VARIED RADIO TELEMETRY STUDY OF THE SAW-WHET N AND PARTITIONING OF RAPTORS POPULATION ECOLOGY OF BARN USTRIAL POLLUTION AND BENTHAL INSECTS TROUT HATCHERY VS. VEGETATION SCIENCE AND VEGETATION MANAGEMENT	OVERBOARD DISPOSAL IN UPPER CHESAPEAKE BAY - PIS OVIDUCT CELL AND TISSUE CHANGES DURI OVLEMA MELANOPUS FROM EUROPE TO USA SEARCH FOR P OVIATION REPRODUCTIVE ENDOCRINOLOGY - SPECIAL OVIULATION AND STEROIDOGENESIS EFFECT OF DRUGS & OWL ECOLOGY OF THE PINE VOLE REVIEW 104 STATEN OWLS ANALYSIS OF A LAKE CARP POPULATION BREEDING OWNER OF A POND-COURT CASE DIET OF BLUEGILL AND COWNER TECHNICAL ADVISOR DIRECTOR	586 259 200 667 667 227 660 289 202
LOGICAL EFFECTS OF AIR POLLUTANTS BIOLOGICAL EFFECTS OF BIOLOGICAL EFFECTS OF OXIDANT AIR POLLUTANTS EFFECTS OF ANALYTICAL CHEMISTRY	OXIDANT AIR POLLUTANTS EFFECTS OF OXIDANT AIR PO OXIDANT AIR POLLUTANTS HEALTH EFFECTS OF POWER P OXIDATION - REDUCTION OR PORPHINS WATER ANALYSIS OXYGEN TOXICITY INHALED GASEOUS IRRITANTS BERYLL OXYGEN USE IN BIOLOGICAL WASTEWATER TREATMENT DE OXYLAMINE ON SKIN CIRCULATION - TEMPERATURE AND OYSTER BEDS UNDERWATER (USING SCUBA) ASSESSMENT OYSTER BEDS IN JAMES RIVER EFFECT OF HIGHWAY CON OYSTER CULTCH LIMNOLOGICAL STUDY OF FONTANA RES OYSTER EMBRYOS PHYSIOLOGICAL RESPONSE OF GREEN C OYSTERS POOLING ORGANISMS IN ESTUARINES-EFFECTS OZARK HEADWATER STREAMS WATER QUALITY OF 3 RIVER OZCNE ON PLANT PROTEINS AND RNA EFFECT OF ETHYLE P REMOVAL ENHANCEMENT OF NITRIFICATION WITH CLIN P. POLYXENES POPULATION DYNAMICS OF HARVESTER AN P. ROSEOLA HAZARD ASSOCIATED WITH SHIP AND BREAK PA EIS MAINTENANCE DREDGING ST. CATHERINE SD PO PA FISH & WILDLIFE CHESAPEAKE BAY AND TRIBUTARIE PA. MATHEMATICAL MODELING AND MEASUREMENT OF AQ PA. SOUTH LEG FREEWAY NORTHWEST EXPRESSWAY ALIGN PACIFIC SALMON PASSAGE FACILITY EVALUATION FISH PACIFIC SALMON STUDIES BIOLOGY AND MANAGEMENT O PAINT BR. BACT & CHEM STUDY OF THE ROCK CREEK WA PALEOCLOGY FEEDER RESEARCH BIRD SOUND CASSETTES PALEOCLOGY OF TICHENOR LIMESTONE PORAMINIFERAL-A PALEOCLOGY ECOLOGY & PALEOCLOGY PORAMINIFERA PALEOCLOGY FORAMINIFERA INDIAN OCEAN FORAMINIF PALEOCLOGY OF FORAMINIFERIDA LATE PLEISTOCENE PALEOCLOGY OF MODERN AND ANCIENT CARBONATE SED PALEOCLOGY OF TONGUE OF OCEAN BIOSTRATIGRAPHY PALEOCLOGY PALEOECOLOGY PALEOECOLOGY OF AU PALEOENVIRONMENTAL INTERPRETATIONS CLIMATOLOGICAL PALEOECOLOGY OF AUSTRALIAN HERPETOFAUNA DISTRI PALEOECOLOGY OF AUSTRALIAN HERP PALEOLIMNOLOGY OF LAKE KIVU-CENTRAL AFRICA PHYT PANAMA & MEXICO INSECT PEST CONTROL AND PLANT Q PANAMA CANAL REGION ECOLOGY TAXONOMY AND MORPH PANAMA SEA-LEVEL CANAL STARFISH PREDATION AND IT PANAMA WILDLIFE SURVEY ANEGADA ISLAND BRITISH PAPER INDUSTRY CHEMICAL ENVIRONMENTAL PROBLEMS M PAPER MILL DISCHARGE UPON AQUATIC LIFE BIOASSAY P PAPER MILL WASTES FIBROUS CONTAMINANTS IN AIR P PAPER MILL WASTES ON AQUATIC LIFE EFFECTS OF PO PARABOLIC APPROXIMATION APPLICATION OF STATISTI PARAGUAY/BRAZIL JOINT PARANA COMMISSION CONSOLID PARAMETERS ECOLOGY AND TAXONOMY OF MARINE ZOOPE PARAMETERS BACTERIAL GROWTH AND THE DELAWARE EST PARAMETERS 5 RESERVOIRS IN OKLAHOMA EST. TOTAL PARANA COMMISSION CONSOLIDATED EDISON ECOLOGY; PARAPROFESSIONALS NUCLEIC ACID DISTRIBUTION IN T PARASITES AND INVERTEBRATES CULTIVATION OF MALAR PARASITES AND THEIR HOSTS BACTERIOLOGICAL TESTIN PARASITES EFFECTS OF FLUCTUATING WATER LEVELS FI PARASITES IMPACT OF FORESTRY OPERATIONS ON WILDL PARASITES NUTRITION AND DISEASE OF BIGHORN SHEEP PARASITES OF ALFALFA WEEVIL FROM EUROPE TO USA S PARASITES OF BIG GAME IN SOUTH DAKOTA ANIMAL EC PARASITES OF FISH IMMUNITY TO PARASITES SHELL PARASITES OF MAN AND SMALL MAMMALS AND EXPERIMEN PARASITES OF OVLEMA MELANOPUS IN USSR FOREIGN E PARASITES OF OVLEMA MELANOPUS FROM EUROPE TO USA PARASITES OF SHELLFISH DISEASES OF OYSTERS POULI PARASITES ON MALARIA MED ENTOMOLOGY WITH EMPHAS PARASITES ON SHARPTAILED GROUSE PARASITES OF BIG PARASITES SHELLFISH DISEASES MOLLUSCAN BIOLOGY PARASITIC AND SAPROPHYTIC ANTARCTIC FUNGI PCOLO PARASITIC DISEASES ECOLOGY OF ONCHOCERCIASIS IN PARASITIC INSECTS CARRION INSECT ECOLOGY COLEX S PARASITOLOGY ACANTHOP MEMBRANES IN TWO FISH SPEC PARK EASTERN HEMLOCK IN DECIDUOUS FORESTS MANAGE PARK FISHES ASSOC. PELAGIC SARGASSUM REVISION E PARK HISTORIC HOUSE & CARRIAGE MUSEUM IMPACT STU PARK LAND ACQUISITION FINGER LAKES STATE PARK KD PARK SITE MY CT. NY BEHAVIORAL ECOLOGIST UPPER PARK WATER SRED FEEDING ECOLOGY OF FISH IN STREA	261 261 410 590 371 164 444 444 441 140 16 242 155 439 208 616 48 522 257 746 284 14 688 714 90 355 355 445 90 445 319 310 355 319 319 320 563 34 557 408 731 8 263 38 462 265 275 257 535 265 12 728 325 405 125 623 200 67 123 283 200 200 16 755 67 123 536 567 373 775 392 191 634 400 130
DIAGNOSIS ANIMAL DISEASE INCLUDING TOXICOLOGIC DISEASE WATER POLLUTION CONTROL WITH BIOLOGICAL PROCESSES PURE PHYTOLOGICAL EFFECTS OF INRALED AMYL NITRITE EFFECTS OF OF HIGHWAY CONSTRUCTION ON BOTTOMS EFFECT OF DREDGING CNER (USING SCUBA) ASSESSMENT OF COMMUNITIES EVALUATION CP OYER EFFECT OF CHANNELIZATION ON FISHES AND THEIR HABITAT TUARINE CRAB TO CADMIUM TOXIC EFFECTS OF HEAVY METALS TO PECIALLY DISEASES AND PARASITES OF SHELLFISH DISEASES CP - DAK. WATER QUALITY INVESTIGATIONS IMPACT OF MINING ON PLANTS AIR POLLUTION MONITORING WITH PLANTS INFLUENCE CP FISH AND ALGAE COMPARISON OF ALUM AND IRON SULFATES FOR N CHEMICAL INTERACTIONS HOST PLANT INSECT COEVOLUTION IN ALYSIS OF VESSELS EFFECTS OF TEMPERATURE AND TOXICITY ON NTAL IMPACT STATEMENT WYOMING VALLEY SUSQUEHANA RIVER ED EVALUATION TOCKS ISLAND DAM & RESERVOIR N.Y. N.J. & ESTUARY MODEL BASELINE STUDY OF TWO NEW IMPOUNDMENTS IN STRESS ON SUCCESIONAL SPECIES PROPOSED ALIGNMENT I-7B TREAMS ATLANTIC SURE CLAM - BIOLOGY AND COMMERCIAL CATCH ON CHESAPEAKE BAY BIOLOGY OF THE GEODUCK CLAM HIGH SEAS ENTATION & HYDROLOGY STUDY OF UNIVERSITY OF MD SECTOR OF VERTEBRATE ECOLOGY AND D PALEOECOLOGY OF MODERN AND ANCIENT CARBONATE SEDIMENTS ING AND PREDICTION PLANKTONIC PORAMINIFERAL ECOLOGY AND NKTONIC PORAMINIFERAL ECOLOGY AND PALEOECOLOGY ECOLOGY & PLAIN ECOLOGY OF FLORIDA BAY FORAMINIFERIDA ECOLOGY AND GY-ECOLOGY MODERN CARBONATES, BARAMAS SEDIMENTOLOGY AND LOGY AND PALEOECOLOGY OF FORAMINIFERIDA LATE PLEISTOCENE STRALIAN HERPETOFAUNA DISTRIBUTION OF PELAGIC SEASNAKES IGINIA PLANT ECOLOGY AS RELATED TO PLANT GEOGRAPHY AND GY & PALEOECOLOGY PORAMINIFERA INDIAN OCEAN FORAMINIFERA BUTION OF PELAGIC SEASNAKES PALEOECOLOGY PALEOECOLOGY ETOPAUNA DISTRIBUTION OF PELAGIC SEASNAKES PALEOECOLOGY ANCE OF DIATOMS ORGANIC COMPOSITION OF DIATOM CELL WALLS ICA - GUATEMALA PESTICIDE CONSULTANT - CENTRAL AMERICA - CMNON POOLING BRYOZOAN BRYOZOA OF NEW ENGLAND BRYOZOA OF GY; BIOGEOGRAPHY OF TROPICAL MARINE ANIMALS EFFECTS OF A N ECOLOGICAL SURVEY VOLCANO BARU PROPOSED NATIONAL PARK IAL TECHNOLOGY RELATIVE TO INDUSTRIAL PROCESSES PULP AND EFFECTS OF HEATED DISCHARGE UPON AQUATIC LIFE EFFECTS OF WOOL SCOURING MILL ON STREAM POLLUTION IDENTIFICATION OF TS OF TURBIDITY AND SILTATION ON AQUATIC LIFE EFFECTS CP LOT FLORIDA CREEL SURVEY PROGRAM NONLINEAR ESTIMATION BY IONSHIPS; ENVIRONMENTAL IMPACT STUDIES FURNAS/WORLD BANK KE BAY ENHANCEMENT OF STRIPED BASS POPULATION POPULATION THEMATICAL MODELING AND MPASUREMENT OF AQUATIC ECOSYSTEM DISCARDED AT SEA BY U.S. FISHERMAN DESCRIBE COMM. FISH. L IMPACT STUDIES FURNAS/WORLD BANK PARAGOAY/BRAZIL JOINT OF VERTEBRATES COLLEGE LABOR CONTRACTS FOR TEACHERS AND SIGN AND OPERATION OF DYNAMIC SYSTEMS FOR CULTIVATION OF APPLE JUICE SYSTEMATICS AND ECOLOGY OF FRESHWATER FISH SHERIES AND AQUATIC BIOLOGY MANHADEN MIGRATIONS MANHADEN IPE BIOLOGY WILD TURKEY FOOD HABITS WILD TURKEY INTERNAL INTERRELATIONSHIPS OF NUTRITION UPON ANIMAL DISEASES AND PESTS (BIOLOGICAL CONTROL) SEARCH FOR AND IMPORTATION OF RINARY GRADES EFFECTS OF PARASITES ON SHARPTAILED GROUSE BIOLOGY SHELLFISH DISEASES SCHISTOSOMIASIS SNAIL CONTROL TAL NATURAL HISTORY IN ANIMAL BEHAVIOR ASITES OF OVLEMA MELANOPUS FROM EUROPE TO USA SEARCH FOR WEEVIL FROM EUROPE TO USA SEARCH FOR AND IMPORTATION OF S ECOLOGY OF ESTUARINE ANIMALS ESPECIALLY DISEASES AND L ENTOMOLOGY OF RURAL AFGANISTAN EFFECT OF MICROSPORIDAN NG ENVIRONMENTAL EDUCATION FOR PRIMARY GRADES EFFECTS CP STOSOMIASIS SNAIL CONTROL PARASITES OF FISH IMMUNITY TO TAXONOMY AQUATIC FUNGI MODELING OF ANTARCTIC ECOSYSTEMS ELATIONSHIPS IN PILARIOD DISEASE INFECTIONS PATHOLOGY OF C DISTRIBUTION INSECT DIAPAUSE AND PHENOLOGY ESPECIALLY IES MABINE INVERTEBRATE ZOOLOGY AND ECOLOGY/MANAGEMENT MODEL OF FORESTS OF GLACIER NATIONAL EMATICS OF FISHES FISH STOCKS OF THE EVERGLADES NATIONAL H FIELD PLANTATION HOUSE RESTORATION & MANAGEMENT MORVEN Y APPRAISAL OF A SUMMER CAMP LAKE ERIE NEAR BUFFALO NY ARISBURG FLOOD CONTROL STUDY PAUNAL RESOURCES OF OKWARI IC EFFLUENT IN LAKE WATER SUPPLIES STRIP MINE RUNOFF IN	261 261 410 590 371 164 444 444 441 140 16 242 155 439 208 616 48 522 257 746 284 14 688 714 90 355 355 445 90 445 319 310 355 319 319 320 563 34 557 408 731 8 263 38 462 265 275 257 535 265 12 728 325 405 125 623 200 67 123 283 200 200 16 755 67 123 536 567 373 775 392 191 634 400 130	

TABLE RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

BEAR BUFFALO NY PARK LAND ACQUISITION FINGER LAKES STATE	400
RANSEAN ECOLOGICAL SURVEY VOLCANO BARU PROPOSED NATIONAL	400
(IN DEVELOPMENT AND MANAGEMENT ECOLOGICAL SURVEY FAIRMONT	301
LOCATION OF NATURAL VALDES OF A PORTION OF SEASHORE STATE	310
ION DYNAMICS; EARLY LIFE HISTORY; TAXONOMY OF SCIAENIDAE	137
LITATIONS AND POPULATION DYNAMICS ALEWIFE UTILIZATION CP	521
ATION PLAN DESERT BIGHORN SHEEP BOOK EXPERT ON NATIONAL	378
M IN MAMMALIAN CELLS CAMP AND SECRETION DNA SYNTHESIS IN	451
A PORTION OF SEASHORE STATE PARK VIRGINIA VEGETATION OF	310
SITY-GRADIENT CENTRIPUGATION OF SUSPENDED AND COLLOIDAL	409
CELL BIOLOGY OF EUKARYOTIC MICROORGANISMS -	331
TOXINS OF MARINE INVERTEBRATES	671
SIGN WITH PORPHYRINIC STRUCTURES BIOPHYSICAL CHEMISTRY	5
MZ/INTENSIVE DESCRIPTIVE AND FUNCTIONAL AVIAN ANATOMY	696
MARINE BENTHIC ECOLOGY SALT MARSH ECOSYSTEM DEEP SEA	151
EFFECTS OF METHYL MERCURY POISONING ANATOMIC PATHOLOGY	245
R LESIONS AND GNAWING IN RATS BEHAVIOR OF VERTEBRATES -	148
AUXIN TRANSPORT PHYSIOLOGY OF PLANT GROWTH REGULATORS -	715
E POPULATION ECOLOGY CONSULTATION FOR THE PURCHASE OF AIR	477
TRACE METAL BASELINE STUDIES CHEMICAL EFFECT OF AIRBORNE	429
IONS IN UTAH POPULATION DYNAMICS HABITAT SELECTION AND	660
NITIES RESOURCE PARTITIONING TROPICAL BIOLOGY RESOURCE	622
OSTROGIC STRUCTURE AND DYNAMICS OF COMMUNITIES RESOURCE	622
IN PLANNING DESIGN AND CONSTRUCTION OF ANADROMOUS FISH	587
AND MONITORING OF A FAY EFFECTS OF POWER PLANT CONDENSER	21
SURF CLAM - BIOLOGY AND COMMERCIAL CATCH PACIFIC SALMON	284
NE EDITING OF OCEANIC MANUSCRIPTS EFFECT ON FISHERIES OF	619
EFFECTS OF AIR POLLUTION ON SMALL MAMMALS ENERGETICS OF	65
ECIALLY IN REFERENCE TO PLANT TAXONOMY AND PLANT ECOLOGY	650
AIR POLLUTION AND INDUSTRIAL HYGIENE	739
S OF ENVIRONMENTAL RESOURCE MANAGEMENT TRANSPORTATION OF	175
HECA OFAL YEASTS MEDICAL MYCOLOGY PHYCOLOGY AND	556
TECHNICIAN TRAINING MODULES DEVELOPMENT PROTOZOOCLOGY OF	485
TION OF PHOTOSYNTHESIS ROOT EXUDATES AND ECOLOGY OF ROOT	664
ES ABSTRACTOR HUMAN PATHOLOGY MICROSCOPY CLINICAL AND	236
ROOT ZONE ECOLOGY - RHIZOSPHERE MYCORRHIZA PLANT	172
ANATOMIC	684
HEMISTRY THE ECOLOGY OF THE BIRCH LAKE AREA IN MINNESOTA	365
THOLOGY IMMUNOLOGY OF PISCINE VIBRIOSIS COMPARATIVE	796
OMPARATIVE PATHOLOGY EMPHASIS ON DISEASES OF FISH MARINE	796
LES ANATOMY PHYSIOLOGY CHEMISTRY MICROBIOLOGY &	629
S IN DOGS VETERINARY	691
S RESEARCH EFFECT OF LEAD IN ONCOGENESIS IMMUNOLOGY AND	397
HASITE INTERRELATIONSHIPS IN FILARIOID DISEASE INFECTIONS	567
TOXINESIS ROOT EXUDATES AND ECOLOGY OF ROOT PATHOGENS	664
WAGNEED POLLEN CENSUS - 4 COMMUNITIES ABSTRACTOR HUMAN	296
PATHOLOGIC EFFECTS OF METHYL MERCURY POISONING ANATOMIC	245
ING INSTRUMENTATION ADMINISTRATIVE ROLE OF SUEZ CANAL AS	22
OF UNMOTIVATED ADOLESCENTS SYSTEM ANALYSIS OF INDIVIDUAL	120
F SLEEP HOLLOW DEVELOPMENT (2 400 UNITS) ENV. IMPACT VAN	252
CYTOGENETIC ANALYSIS OF CHROMOSOME ANALYSIS REPRODUCTIVE	78
MOULT AND PELAGE	707
IA ORIENTATIONS ORIENTATION AND DISTRIBUTION	690
MANAGEMENT ECOLOGICAL SURVEY FAIRMONT PARK PHILADELPHIA	301
TING IN MIXED OAK NET PRECIPITATION IN MIXED OAK STANES	81
GEOGRAPHY OF VEGETATION SYSTEMS BOTH FORMATION AND FLORA	178
N OF LEAD IN LENTIC WATERS CONTINGENCY PLAN FOR SUMMIT &	518
GANIC CHEMICALS IN MARINE ENVIRONMENTS GC-MS ANALYSIS OF	636
IGN EXPERIMENT REPRODUCTIVE BIOLOGY AND EFFICIENCY OF	656
LANT POPULATIONS EVOLUTION OF SEX DETERMINING MECHANISMS	656
ANCES ON SOIL FERTILITY VEGETATION GROWTH NUTRITION OF	171
MOULT AND PELAGE	707
D MAMMALS OF UTAH LIFE HISTORY ECOLOGY AND MIGRATION OF	99
N ESTUARINES-EFFECTS OF HURRICANE AGNES FLOOD ECOLOGY OF	16
ISH STOCKS OF THE EVERGLADES NATIONAL PARK FISHES ASSOC.	191
GALESH SARGASSUM COMMUNITY ECOLOGY FAUNAL VARIATION ON	218
HYGEOGRAPHY OF AUSTRALIAN HERPETOFAUNA DISTRIBUTION OF	319
S OF BINK AND CRUM SALMON SECONDARY PRODUCTION OF MARINE	382
NOS DEEP-SEA BENTHIC COMMUNITY RESPIRATION ENERGETICS OF	661
MARINE ECOLOGICAL LABORATORY, WOODS HOLE, MASS. SHELL	112
LOAD CONSIST OF THE OCEAN PRODUCTIVITY POLLUTION LIGHT	132
TEMPERATURE AND CONC. EFFECTS EFFECTS OF ENVIRONMENT ON	164
PRODUCTION ON CHIPMUNK POPULATIONS HAST PRODUCTION IN NW	276
N TROPIC PRODUCTS PHYTOCHEMISTRY ORGANIC COMPOUNDS IN A	417
FORM AND ASSOC. IN FRACKISE AND FRESH WATER HABITATS FOR	136
FOR COOPERATIVE DEVELOPMENT OF OPTIMAL PROGRAMS FOR BOEN	102
MOLECULAR POWER PLANT RESEARCH: POPULATION DYNAMICS OF Y.	353
EFFECTS ON WALLIE SEVEN INTRODUCTION STRIPED BASS SAC	280
FEED REPRODUCTIVE ENVIRONMENTAL IMPACT STATEMENT REPRODUCTIVE	754
IN PERNERATIONS AND PRODUCTS POPPED DENTAL CAVITIES AND	753
WATER POLLUTION OPIO RIVER ALGAE ECOLOGY	359
COLONY AND TERRARY OIL SPILL AND CLEAN OF ARCTIC SOILS	82
PERMANENT GRASSLAND MANAGEMENT FOR HIGH YIELD PE	735
BIOCHEMICAL GENETICS OF HETEROZIS	612
BIOCHEMICAL MODELING SOCIAL BEHAVIOR OF	612
ONACK MOUNTAINS THE BIOLOGY OF THE CLOUDLAND DEER MOOSE	398
PARK KONGA LAKE NY I HAVE A KEEN KNOWLEDGE AN	400
PARK PANAMA WILDLIFE SURVEY AREGADA ISLAND BR	400
PARK PHILADELPHIA PATTERNS OF NUTRIENT CYCLING	301
PARK VIRGINIA VEGETATION OF PARRAMORE ISLAND Y	310
PARKER RIVER ALEWIFE MODELLING STUDY HERRINGACK R	137
PARKER RIVER MASSACHUSITTS PASTURES BIOLOGY -	521
PARKS AND WILDLIFE MANAGEMENT LIFE HISTORY RESE	378
PARTOTID AUTORADIOGRAPHY TECHNIQUES AND APPLICATI	451
PARRAMORE ISLAND VIRGINIA PLANT ECOLOGY AS BEL	310
PARTICLES IN WATER BIOPHYSICAL LIMNOLOGY REBEART	409
PARTICULARLY ALGAE MITOSIS IN A PHYTOFLAGELLATE	331
PARTICULARLY CEPHALOPODS AND GASTROPOD MOLLUSCS	671
PARTICULARLY CHEMICAL REACTIVITY (GENERAL) AND	5
PARTICULARLY FEATHER STRUCTURE BRISTLES OF BIRDS	696
PARTICULARLY MARINE METOFAUNA METOPANNA ENERGETI	151
PARTICULARLY REGARDING SPONTANEOUS DISEASES OF L	245
PARTICULARLY SOCIAL BEHAVIOR SOCIAL BEHAVIOR OF	148
PARTICULARLY AUXINS AND CYTOKININS INHIBITORS O	715
PARTICULATE SAMPLING EQUIPMENT PLANT PHYSIOLOGY	477
PARTICULATES ON SEAWATER FLOX OF METALS THROUGH	429
PARTITIONING OF RAPTORS POPULATION ECOLOGY OF BA	660
PARTITIONING OF TROPICAL EPTRYTES STRUCTURE OF	622
PARTITIONING TROPICAL BIOLOGY RESOURCE PARTITIO	622
PASSAGE AND PROTECTIVE FACILITIES ENGINEERING AD	587
PASSAGE BASLINE INVENTORY OF LAKE MICHIGAN ELEM	21
PASSAGE FACILITY EVALUATION FISHERY MANAGEMENT	284
PASSANAGUDDY BAY DAM INVESTIGATION OF HERRING R	619
PASSERINE NESTLINGS VERTEBRATE PHYSIOLOGICAL EC	65
PAST AND PRESENT FLORA AND VEGETATION HACKENSACK	650
PAST 30 YEARS	739
PASTORAL MASAI IN KENYA PEICING IN WATER RESOURC	175
PATHOBIOLOGY OF MICROORGANISMS IN GENERAL PROTOT	556
PATROGENIC FORMS AND THEIR VECTORS - MICROBIOLOP	485
PATHOCERS PATHOLOGY OF WOODY PLANTS IN URBAN S	664
PATROGIC ANATOMY ANNUAL BAGGED POLLEN CENSUS	236
PATHOLOGY	172
PATHOLOGY	684
PATHOLOGY AND HISTOLOGY OF PINGERLING TROUT IN M	365
PATHOLOGY EMPHASIS ON DISEASES OF FISH MARINE PA	796
PATHOLOGY IMMUNOLOGY OF PISCINE VIBRIOSIS	796
PATHOLOGY IN THE HEALTH SCIENCES/PARAMEDICAL PIE	629
PATHOLOGY MELIODOSIS IN DOGS IN VIETNAM GLOSSITI	691
PATHOLOGY OF ANIMAL VIRUS DISEASES LUMPHOCYTIC	397
PATHOLOGY OF PARASITIC DISEASES ECOLOGY OF ONCHO	567
PATHOLOGY OF WOODY PLANTS IN URBAN SUBURBAN AN	664
PATROLOGY MICROSCOPY CLINICAL AND PATHOLOGIC A	296
PATHOLOGY PARTICULARLY REGARDING SPONTANEOUS DI	245
PATHWAY FOR DISPERSAL BETWEEN RED SEA AND MEDIT	22
PATIENT CARE INTERACTIONAL PROPERTIES OF INDIVI	120
PATTEN DEV. SEVERAL HUNDRED UNITS ENVIRONMENTAL	252
PATTERN IN WILD MICE EXPERIMENTAL VERT. ECOLOGY	78
PATTERNS IN PROCA VITULINA	707
PATTERNS OF DAPHNIA THE ROLE OF THE EYE IN DAPRN	690
PATTERNS OF NUTRIENT CYCLING MOUNTAIN ECOSYSTEM	301
PATTERNS OF SOIL MOISTURE DEPLETION IN OAKS FOR	81
PATTERNS OF VEGETATION VEGETATION OF LATIN AMERI	178
PAYSON LAKES LIMNOLOGY WATER POLLUTION BIOLOGY	518
PCB DDT ORGANICS IN BOSTON HARBOR SEDIMENTS TRA	636
PEANUT VARIATION CYTOGENETICS GENETICS AND P	656
PEANOT SEED IRRADIATION EXPERIMENT REPRODUCTIVE	656
PEAT EGGS VEGETATION ANALYSIS AND MAPPING EPPE	171
PELAGIC PATTERNS IN PROCA VITULINA	707
PELAGIC BIRDS LIFE HISTORY ECOLOGY OF BIRDS AN	99
PELAGIC LARVAE OF MOLLUSKS IN ESTUARIES ECOLOGY	16
PELAGIC SARGASSUM REVISION & COMPARATIVE BIOLOGY	191
PELAGIC SARGASSUM SEXUAL DIMORPHISM IN TOADFISH	218
PELAGIC SEASNAKES PALEOECOLOGY PALEOGEOGRAPHY P	319
PELAGIC ZOOPLANKTON ENVIRONMENTAL EVALUATION OF	382
PELAGIC SARGASSUM COMMUNITY ENERGETICS OF MARTI	661
PENETRATION BY ORGANISMS MALACOLOGY INVERTEBRA	112
PENETRATION IN SEA AND ECOLOGICAL EFFECTS BTOLUN	132
PENETRATION OF ANTICHLINESTERASES THRU SKIN EN	164
PENNSYLVANIA FORESTS INGESTION RATES OF CHIPMUNK	276
PENNSYLVANIA STREAM INDOLE ALKALOID BIOSYNTHESIS	417
PEOPLE MANAGEMENT WATER	136
PEOPLE AND ENVIRONMENTS NATIONAL CONGRESS OPTIBU	102
PEPCF POPULATION BIOLOGY AND COMMUNITY ECOLOGY	353
PEPCF AND SHELIT MANAGEMENT AND REPRODUCTION OF	280
PEPPERINE PALCON POPULATION RESEARCH TORTLES AS	754
PERIODONTAL DISEASES SEARCH FOR CEPHALOSPORIN AN	753
PERIPHYTIC DISCS ALGAL VIRUSES	359
PERMAFROST TUNDEFA ECOLOGY ENVIRONMENTAL MANAGE	82
PERMANENT GRASSLAND MANAGEMENT FOR HIGH YIELD PE	735
PERCHUSCUS BIRD POPULATIONS	612
PEROMYSCUS MANICULATUS NUTRIEFABE: SYSTEMATICS A	398

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

UPTAKE AND METABOLISM OF DDT & DIELDRIN BY MARINE ALGAE	578
SUBSTANCES ACT BIOCHEMICAL AND PHYSIOLOGICAL EFFECTS OF	541
ENVIRONMENTAL EDUCATION THE MARINE NEWSLETTER DIRECTORY OF	19
ENT PLANNING A CAMPSITE LAND PLANNING	129
IN RESERVOIRS FISHERY MANAGEMENT AND FISHERY BIOLOGY AS	61
POLLUTION MICROBIAL RESEARCH AS IT	361
PHOTO-PERIODIC-RESPONSE--PHOTO MANIP HERBICIDES ON INSECT	315
SHRUB CULTIVATION SONGBIRD ATTRACTION INTEGRATED METHODS	538
E CONSULTANT - CENTRAL AMERICA - PANAMA & MEXICO INSECT	804
ON FISHERY RESEARCH TOXICOLOGY ECOLOGY BIOCHEMISTRY	763
	549
	531
	388
	804
	552
	645
	23
	804
	602
	23
	612
	552
	761
	272
	272
	272
	602
	563
	388
	744
	647
	804
	563
	70
	401
	548
	156
	7
	552
	114
	786
	804
	763
	539
	735
	548
	595
	70
	491
	552
	652
	394
	804
	488
	326
	156
	206
	316
	200
	334
	46
	376
	324
	313
	549
	530
	386
	708
	708
	463
	718
	568
	373
	383
	761
	412
	647
	412
	628
	301
	379
	707
	475
	460
	336

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

N LONG ISLAND SOUND	ESTUARY PCLLUTION	PHOSPHATES IN LONG ISLAND SOUND METAL ANALYSIS I	711
K RESPONSE OF FISH POPULATION TO REDUCED LOADING OF LAKE	PHOSPHORUS POPULATION DYNAMICS OF FISH POPULATI	PHOSPHORUS CYCLING IN NATURAL MARINE AND ESTUARI	277
LANKTON: DUR 48 MOSQUITO CONTROL DITCHES IN SALT MARSHES	PHOSPHORUS FROM PHYTOPLANKTON: DUR 48 MOSQUITO C	PHOSPHORUS IN WATER MONITOR DEVELOP SULPHUR IN AT	406
OGY OF BRACKISH PONDS RECEIVING SEWAGE DISSOLVED ORGANIC	PHOSPHORUS PLANT EDGEWOOD EVALUATE POLLUTION E	PHOTO RESPONSE OF DOUGLAS FIR TO UREA FERTILIZAT	55
ONITORING METHODS AND INSTRUMENTS FOR POLLUTANTS DEVELOP	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTO-PERIODIC-RESPONSE--PHOTO MANIP HERBICIDES O	490
ON ASSESSMENT REDSTONE ARSENAL AT PROJECT ASSESS OF IW	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDIES OF COASTAL WATERS OF NEW YO	5
OF DOUGLAS FIR TREE AND STAND DATA FROM LOW-LEVEL AERIAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	315
PORPHYRIN RPAX MODEL STUDIES IN ORGANIC SEMICONDUCTION &	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDIES OF MONTAUK PT. AND CHESAPEAKE	115
ERATIVE BIOCHEMISTRY INSECT DIAPAUSE-BIOCHEMISTRY INSECT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	115
PT. AND CHESAPEAKE BAY PHYTOPLANKTON COMMUNITIES AERIAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	316
TUDY PHYTOPLANKTON COMMUNITIES AND WATER MOVEMENT AERIAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	316
DIAPAUSE - BIOCHEMISTRY INSECT PHOTOPERIODIC RESPONSE -	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	458
ATIVE BIOCHEMISTRY INSECT DIAPAUSE - BIOCHEMISTRY INSECT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	28
REVENTION APPL. OF ERTS-1 TO FISHERY RESOURCE MANAGEMENT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	41
N OF PHYTOPLANKTON IN STRATIFIED LAKES STRATIFICATION CN	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	28
NT IDENTIFICATION VEGETATION MAP SOUTHAMPTON NY FROM AIR	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	84
TION OF PHOTOPLANKTON POPULATIONS CHLORINATION EFFECT CP	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	475
POLLUTION PLANT PHYSIOLOGY (ALGAL) - ROLE OF PIGMENTS -	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	664
TROPICAL LAKES MEASUREMENT AND REGULATION REGULATION CP	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	583
AN METAL POLLUTION OF PLANTS AIR POLLUTION INHIBITION OF	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	556
NE AQUACULTURE POTENTIAL FOR MAINE MARINE BOTANY - BCTH	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	695
GENERAL PROTOTHECA ORAL YEASTS MEDICAL MYCOLOGY	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	658
ANATOMY OF PLANTS AS RELATED TO	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	529
S SURVEY OF BAHAMIAN FISH COMMUNITIES FISH SEXUALITY AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	332
C WATER UTILIZATION OF DRASTICALLY DISTURBED AREAS CHEM.	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	383
THEREON NUTRIENT TRANSPORT IN OLIGOHALINE TIDAL MARSHES	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	803
JUDGE DISPOSAL ON THE LAND SOILS FOR WASTEWATER DISPOSAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	681
LAND USE THE EFFECT OF INDUSTRIAL ORGANIC WASTES ON TEE	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	160
BETWEEN ORGANISMS AND ENVIRONMENT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	342
PROPERTIES OF ANNUAL PLANT FIBERS THE INFLUENCE OF THE	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	122
MATICAL ANALYSIS OF AQUATIC SYSTEMS BOTH BIOLOGICAL AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	484
ATHER E. COAST U.S. AIR SEA INTERACTION METEOROLOGY AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	307
ANEAN SEA OCEANOGRAPHY DESCRIPTIVE AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	286
CONNECTICUT OLD OIL SPILL EFFECTS, NORWALK, CONNECTICUT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	776
ENVIRONMENTAL ENGINEERING IMPACT ANALYSIS CHEMICAL AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	85
TREATMENT OF OIL-BALLAST WATER WATER POLLUTION CONTROL -	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	193
NATAL STUDY OF PUMPED STORAGE SITES REPORT ON BIOLOGICAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	85
D ACTIVITY BIOLOGICAL TREATMENT OF RESORCINOL WASTEWATER	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	51
PING SYSTEMS IN COLD CLIMATES AGGREGATE QUALITY JUDGMENT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	737
D USE OF ENERGY NONPOLLUTING SOURCES OF ENERGY	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	248
RECTICUT RESEARCH COLLABORATOR, USFS HUBBARD BROOK SCIL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	180
BIOCHEM. &	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	499
L IMPORTANCE EPIDEMIOLOGY OF EASTERN EQUINE ENCEPHALITIS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	101
ON AGRICULTURAL CROPS VERTEBRATE ECOLOGY - EVOLUTIONARY	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	748
ENTARY SCIENCE STUDY NATURAL SCIENCE TELEVISION PROJECT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	385
ASTE MANAGEMENT PLAN BERKS COUNTY LOCAL GOVERNMENT PLAN	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	477
BE PURCHASE OF AIR PARTICULATE SAMPLING EQUIPMENT PLANT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	458
ENSING OCEANOGRAPHY MARINE PHYTOPLANKTON AND ANGIOSPERM	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	65
LL MAMMALS ENERGETICS OF PASSERINE NESTLINGS VERTEBRATE	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	674
UNDER NATURAL CONDITIONS THERMOREGULATION IN HOMEOTHERMS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	306
ARK RIVERBANK VEGETATION CONTROL OF WATERWEEDS IN LAKES	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	415
OF AQUICLIPA USE OF RECIPROCAL TRANSPLANTS IN GENECOLOGY	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	726
RINE MEIOFAUNA PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	726
ONSDIANT ON THERMAL STRESS ECOLOGY OF MARINE MEIOFAUNA	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	333
W HAVEN HARBOR HISTOCHEMISTRY OF MUCOSUBSTANCES IN CLAF	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	299
ITTOREA DRIFT BOTTLE STUDIES AT ECDEGA HEAD, CALIFORNIA	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	250
LANT COMMUNITY DYNAMICS INCLUDING SOIL RELATIONSHIPS AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	716
ETICS OF LOCOMOTION METABOLISM & TEMPERATURE REGULATIO	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	674
ION IN HOMEOTHERMS PHYSIOLOGICAL ECOLOGY OF A WILD BIRD	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	585
ACT ANALYSIS AND IMPACT STATEMENT PREPARATION UNDER NEPA	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	419
ODE OF ACTION AND FATE OF HERBICIDES IN THE ENVIRONMENT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	164
ANTICHOLINESTERASES THRU SKIN ENVIRONMENTAL PHYSIOLOGY	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	205
TS AND NTA TO MARINE LIPE CRUDE OIL TOXICITY IN RED SEA	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	541
ENVIRONMENTAL PROGRAM TOXIC SUBSTANCES ACT BIOCHEMICAL AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	623
SES AND PARASITES NUTRITION AND DISEASE OF BIGHORN SHEEP	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	419
AIL CROP USE OF HERBICIDES AROUND MILITARY INSTALLATIONS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	12
F NUCLEIC ACIDS IN DIFFERENTIATING EMBRYONIC SYSTEMS AND	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	272
RESISTANCE IN SWEET CORN RESISTANCE OF CORN TO H. MAYDIS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	272
AYDIS PHYSIOLOGICAL GENETICS OF PEST RESISTANCE IN CORN	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	146
BOPOTESIS REGULATION OF PLATELET PRODUCTION AND RELEASE	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	349
CONDITIONS STRESS PHYSIOLOGY OF WOODY ORNAMENTAL PLANIS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	533
AIN SEED PLANTS UPON GROWTH OF CERTAIN BLUE-GREEN ALGAE	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	140
AB TO METALS HEAVY METAL BIOASSAY WITH MARINE ORGANISMS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	140
CADMIUM TOXIC EFFECTS OF HEAVY METALS TO OYSTER EMBRYCS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	411
CARDIAC ELECTROPHYSIOLOGY; REPRODUCTIVE ENDOCRINOLOGY	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	589
ALGAE - TAXONOMY GENERAL ECOLOGY	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	88
OMPARATIVE BIOCHEM. MOLECULAR SYSTEMATICS ENVIRONMENTAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	108
RESEARCH SINCE 1965 - REPRODUCTIVE BIOLOGY PITUITARY FSN	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	84
ODY OF WATER POLLUTION CONTROL OF ALGAL POLLUTION PLANT	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	446
DISEASES OF SMALL FRUIT CROPS; PHYTOPHTHORA & BOTRYTIS	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	692
PERATURE ON LABORATORY REARED MARINE FISH LARVAE	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	648
STUDIES ON THE AUTOLYTIC ENZYMES OF S. AUREUS MICROBIAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	686
S AMONG VIBRIO SPECIES MICROBIAL	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	327
OIL PIPE IMPACT REP. ARCTIC MAMMAL PHYSIOLOGY RESEARCH	PHOTO-CONVERSION WITH PORPHYRINIC STRUCTURES BI	PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE	

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

FISHES TROUTS OF UPPER KERN RIVER BASIN CALIFORNIA	PHYSIOLOGY AND SYSTEMATICS	COMPARATIVE ENDOCRIN	624				
ACQUSETTS WATER QUALITY STUDIES RIVERINE SYSTEMS, MASS.	PHYSIOLOGY AND TOXICOLOGY OF AQUATIC ANIMALS	ES	104				
GRASS PRAIRIE AVIAN ECOLOGY & MAMMALIAN AND COMPARATIVE	PHYSIOLOGY BOTH IN LAB AND FIELD	GROWTH IN THREE	523				
REVEGETATION OF SOIL AND REFUSE BANKS CROP ECOLOGY AND	PHYSIOLOGY ECOSYSTEMS	PRODUCTIVITY RECYCLING	474				
COLOGY ENERGY-BALANCE ENVIRONMENTAL PHYSIOLOGY ANIMAL	PHYSIOLOGY ENERGY BLANCE	OF ORGANISMS UNDER NAT	674				
ECOLOGY WILDLIFE ECOLOGY ECOLOGICAL ENERGETICS WILDLIFE	PHYSIOLOGY EVALUATION	OF NATURAL PODDS OF WHITE	465				
OF FLOODING ON SWAMP FOREST PLANT WATER RELATIONS; TREE	PHYSIOLOGY MEASUREMENT	OF WATER STRESS IN PLANTS	403				
& DISEASES MYCOECOLOGY OF SERPENTINE SOIL EPIDEMIOLOGY &	PHYSIOLOGY OF BOTRYTIS DISEASES	OF STRAWBERRY &	446				
PHYSIOLOGY OF SNAPTIC TRANSMISSICN	PHYSIOLOGY OF ELECTRONIC JUNCTIONS		56				
N INDICATORS ADAPTATIONS OF REPTILE BLOOD ENVIRONMENTAL	PHYSIOLOGY OF FISHES AMPHIBIANS AND REPTILES	A	561				
ANSPORT OF BIVALVE LARVAE EXPERIMENTAL ANALYSIS ECOLOGY	PHYSIOLOGY OF MARINE ANIMAL BEHAVIOR	ACOUSTIC RE	799				
STICOSTEROIDS ADMINSTERED TO NEWBCGN RATS ENVIRONMENTAL	PHYSIOLOGY OF MARINE ANIMALS	IMPACT OF TROPICAL	717				
NT IODIDES IN NEMERTEANS EFFECT OF METALS OIL ETC. CN	PHYSIOLOGY OF MARINE INVETBRATES	OIL EFFECTS O	449				
LY, AUXINS AND CYTOKININS INHIBITCRS OF AUXIN TRANSPORT	PHYSIOLOGY OF PLANT GROWTH REGULATORS - PARTICUL		715				
F ELECTRONIC JURCTIONS	PHYSIOLOGY OF SNAPTIC TRANSMISSION	PHYSIOLOGY O	56				
ANT SYSTEMS GROWTH REQUIREMENTS OF SALT MARSH VEGETATION	PHYSIOLOGY OF TORPGRASS UNDER STRESS CONDITIONS		349				
GENETICS AND	PHYSIOLOGY OF TREES		545				
A TEMPERATURE RELAXED OCCURRENCE OF PROTOZOA TAXONOMY &	PHYSIOLOGY OF UNDERGROUND WATER PROTOZOA	CAVERNI	256				
N PHYSIOLOGY OF TORPGRASS UNDER STRESS CONDITIONS	PHYSIOLOGY OF WOODY ORNAMENTAL PLANTS	PHYSIOLOG	349				
STRATION OF ANTICHOLINESTERASES THRU SKIN ENVIRONMENTAL	PHYSIOLOGY PHYSIOLOGICAL EFFECTS	OF INHALED AMYL	164				
REVIEW OF TRANSALASKA OIL PIPE IMPACT REP. ARCTIC MAMMAL	ENYSIOLOGY RESEARCH	PHYSIOLOGY AND ECOLOGY	OF 327				
COLLABORATOR, USFS HUBBARD BROOK SOIL PHYSICS AND PLANT	PHYSIOLOGY RESEARCH ASSOCIATE	UNIVERSITY OF CON	248				
MICROBIAL (ALGAL BACTERIAL FUNGAL ETC.) ECOLOGY AND	PHYSIOLOGY TESTING MODELS	FOR ANTARCTIC FRESHWAT	532				
SORPTION BY PLANT CELLS PLANT MINERAL NUTRITION & PLANT	PHYSIOLOGY TRACE ELEMENTS	IN BIOSPHERES NITROGEN	771				
RD PHYSIOLOGICAL ECOLOGY ENERGY-BALANCE ENVIRONMENTAL	PHYSIOLOGY ANIMAL PHYSIOLOGY	ENERGY BLANCE	OF 674				
IN THE HEALTH SCIENCES/PAPAMEDICAL FIELDS ANATOMY	PHYSIOLOGY CHEMISTRY	MICROBIOLOGY & PATHOLOGY	629				
L GENETICS HEAVY METAL	PHYSIOLOGY PHARMACOLOGY	TOXICOLOGY BIOCHEMICA	463				
RESEARCH ADMINISTRATION FOREST SOIL-SITE RELATIONS TREE	PHYSIOLOGY RESEARCH	MANAGEMENT FOREST SOIL-SITE	560				
BEHAVIOR	PHYSIOLOGY-SPECIFICALLY	METABOLISM ENVIRONMENTAL	258				
ANSPORT FACILITIES WESTCHESTER COUNTY LENTIC-LOTIC	PHYTOEAC	MARINE MICROBIOLOGY - PHYTOPLANKTON TA	PHYSIOLOGICAL	113			
ESIS PIGMENTS OF CENTROSPERMAE PLANTS NATURAL PRODUCTS	PHYTOCHEMISTRY	ORGANIC COMPOUNDS IN A PENNSYLVAN	417				
ARYOTIC MICROORGANISMS - PARTICULARLY ALGAE MITOSIS IN A	PHYTOFLAGELLATE	CELL BIOLOGY OF EUC	331				
RAWBERRY & THEIR CONTROL DISEASES OF SMALL FRUIT CROPS;	PHYTOPHTHORA & BOTRYTIS	PHYSIOLOGY & DISEASES MY	446				
AL POLLUTION AND PHYTOPLANKTON CCNT AND IDENTIFY MARINE	PHYTOPLANKTON	THEIR	109				
NUTRIENTS ON ECOSYSTEM STRUCTURE SEASONAL FLUCTUATION	PHYTOPLANKTON INVESTIGATION	OF SOIL SCIENCE WIT	481				
COLOGY OF THALASSIA REMOTE SENSING OCEANOGRAPHY MARINE	PHYTOPLANKTON AND ANGIOSPERM	PHYSIOLOGICAL ECOLO	458				
ICAL NUTRITIONAL REQUIREMENTS OF MARINE AND FRESH WATER	PHYTOPLANKTON AND THEIR	ECOLOGY SURVEY-MARINE PH	196				
ES SURVEY OF ZOOPLANKTON OF EASTERN SHORE VIRGINIA	PHYTOPLANKTON AND ZOOPLANKTON	ECOLOGY OF ESTUARI	86				
IAL PHOTOGRAPHIC STUDY OF MONTAUK PT. AND CHESAPEAKE BAY	PHYTOPLANKTON COMMUNITIES	AERIAL PHOTOGRAPHIC ST	115				
NEW YORK AND LONG ISLAND USE OF REMOTE SENSING TO STUDY	PHYTOPLANKTON COMMUNITIES	AND WATER MOVEMENT AER	115				
TO WATER CHEMISTRY RESEARCH ASSISTANT	PHYTOPLANKTON	COMPOSITION AND DIVERSITY	RELATIVE 201				
NKTON	PHYTOPLANKTON	COUNT AND IDENTIFY	MARINE PHYTOPLA 109				
US AND IMPACT, RAPPAHANNOCK RIVER WETLANDS IMPACT STUDY	PHYTOPLANKTON	ECOLOGY IMPACT STUDIES	ON COASTAL 459				
SUCCESSION IN LIMNETIC	PHYTOPLANKTON	GRAZING BY ESTUARINE	ZOOPLANKTON 39				
S CHLORINATION EFFECT OF PHOTOSYNTHESIS DISTRIBUTION	PHYTOPLANKTON	IN STRATIFIED LAKES	STRATIFICATION 28				
S OF ENVIRONMENTAL POLLUTANTS WITH MARINE AND FRESHWATER	PHYTOPLANKTON	NIH TRAINEE - METABOLISM	OF DDT BY 578				
FRESH WATER PHYTOPLANKTON AND THEIR ECOLOGY SURVEY-MARINE	PHYTOPLANKTON	OF BERMUDA	NUTRITIONAL REQUIREMENT 196				
OF FRESH WATER ALGAE FRESH WATER ALGAE IN NORTH CAROLINA	PHYTOPLANKTON	OF DELAWARE RIVER BASIN	PHYTOPLANK 627				
IN NORTH CAROLINA PHYTOPLANKTON OF DELAWARE RIVER BASIN	PHYTOPLANKTON	OF SUSQUEHANNA RIVER	POPULATIONS 627				
INMENTS AND ECOLOGY OF BERNUDIAN ENDOSYMBIOMS AND OTHER	PHYTOPLANKTON	SURVEY OF CALDER LAKE	BIOLOGICAL 196				
M CELL WALLS PALEOLIMNOLOGY OF LAKE KIVU-CENTRAL AFRICA	PHYTOPLANKTON	TAXONOMY AND ECOLOGY	AND ITS ROLE 320				
COUNTY LENTIC-LOTIC STUDY PHYTCBAC	PHYTOPLANKTON	TAXONOMY WATER QUALITY	AND SEDIMENT 113				
LANTIC FLORA BOTTOM WATER CURRENTS IN N.Y. BIGHT MARINE	PHYTOPLANKTON	ECOLOGY BIOGEOGRAPHY	QUANTITATI 591				
A PROJECT AQUATIC BIOLOGY-FRESHWATER ESTUARIES OCEANS	PHYTOPLANKTON	FISHERIES ANADROMOUS	CLUPEID FISH 222				
PONDS RECEIVING SEWAGE DISSOLVED ORGANIC PHOSPHORUS PROM	PHYTOPLANKTON: DUR	48 MOSQUITO CONTROL	DITCHES I 406				
ION VERNAL CAMBIAL ACTIVITY IN FOREST TREES ANALYSIS	PHYTOXIC	EFFECTS OF CHEMICAL	POLLUTANTS ESPEC 114				
TOLOSTOMA BRUMALE SNOWCOVER ECOLOGY OF DIAPENSIA ABLES	PICEA	SYSTEMS MODEL	OF SALT MARSH ECOLOGY	OF HA 727			
DPLAINS MAMMALS OF BLUE RIDGE MOUNTAINS SMALL MAMMALS	PIECEMENT	FORESTS	ECOLOGICAL RELATIONSHIPS	OF VE 118			
E ON PLANT PROTEINS AND RNA EFFECT OF ETHYLENE ON FLOWER	PIGMENTS	STRESS	ON PLANTS AIR POLLUTION	MONITOR 155			
L OF ALGAL POLLUTION PLANT PHYSIOLOGY (ALGAL) - ROLE	PIGMENTS - PHOTOSYNTHESIS	- POLLUTION	THE USE	OF 84			
DS IN A PENNSYLVANIA STREAM INDOLE ALKALOID BIOSYNTHESES	PIGMENTS OF CENTROSPERMAE	PLANTS	NATURAL PRODUC	417			
ENT REDSTONE ARSENAL ALABAMA PRELIMINARY ENVIRON SURVEY	PINE ELUFP	ARSENAL	ARKANSAS IDENTIFY	AND EVALU 542			
SOLLATION ASSESSMENT REDSTONE ARSENAL AL ENVIRON SURVEY	PINE BLUFF	AR	INVENTORY	AND EVALUATE	POTENTIAL 553		
TION IN RELATION TO ACID MINE DRAINAGE FISHERY SDRVEY	PINE CREEK	WATERSHED	ECOLOGY	OF FRESHWATER FISH 145			
RD AND BIG GAME ANIMALS GROSS CHANGES OF THE BLACK HILLS	PINE FOREST	MOVEMENTS	OF PHEASANTS	IN SOUTH DAKO 568			
NAL BRIDGE-TUNNEL CROSSING HAMPTON ROADS DREDGE AND FILL	PINE KNOLL	SHORES	BOGUE BANKS	IMPACT ANALYSIS	D 198		
PDATIONS; ENVIRONMENTAL LAW GRAZING PRESSURE EFFECTS	PINE	SEDLING	GROWTH SURVEY	OF UNIVERSITY	OF GEO 611		
MENT PRIMARY PRODUCTIVITY ANNUAL AND SEASONAL LOBLCLY	PINE	SITE	PRODUCTIVITY -	SOIL FACTORS	WATERSHED 571		
RADIO TELEMETRY STUDY OF THE SAW-WHET OWL ECOLOGY OF THE	PINE	VOLE	REVIEW	104 STATEMENT	ON HIGHWAY I-88 227		
TAL EVALUATION OF NUCLEAR POWER PLANTS FEEDING HABITS	PINK	AND CHUM	SALMON	SECONDARY	PRODUCTION	OF MAR 382	
ULATION DYNAMICS OF HARVESTER ANTS METHODS IMPROVEMENT	PINK	COLLWORM	PROGRAM	HOST-PLANT	INSECT CO-EVOL 208		
SITE TERRESTRIAL IMPACT SURVEY REVIEW OF TRANSALASKA OIL	PIPE	IMPACT	REP. ARCTIC	MAMMAL	PHYSIOLOGY RESEAR 327		
S HORMONOMETIC INSECTICIDES BIONOMICS OF NATURAL COLEK	PIPES	POPATIONS	REPRODUCTION	OF MOSQUITOES	RE 680		
BASIS ON DISEASES OF FISH MARINE PATHOLOGY IMMUNOLOGY	PISCINE	VIBRIOSIS	COMPARATIVE	PATHOLOGY	BMP 796		
ION FULL TIME RESEARCH SINCE 1965 - REPRODUCTIVE	PITUITARY	FSN	PHYSIOLOGY	EFFECTS	OF ENVIRONMENT 108		
Y OF TONGUE OF OCEAN BIOSTRATIGRAPHY OF ATLANTIC COASTAL	PLAIN	ECOLOGY	OF FLORIDA	BAY FORAMINIFERIDA	ECO 445		
PLANNING; HABITAT MANAGEMENT FOR GAMEBIRDS AND FARM	PLAINFIELD	TOWNSHIP	COMPREHENSIVE	PLAN	REGIONAL 670		
MARINE NEWSLETTER DIRECTORY OF PERSONNEL OF THE COASTAL	PLAINS	REGION	TWO AREAS: (1)	ENVIRONMENTAL	EDUC 19		
Y OF WEHRLES SALAMANDER ECOLOGY OF A POPULATION	PLAINS	SKINK	POPULATION	ECOLOGY	OF COLO-CLOODED 295		
OLD WASTE MANAGEMENT JAMES RIVER BASIN WASTE	PLAN	ENVIRONMENTAL	ENGINEERING	IMPACT	ANALYSIS 776		
OF SALT MARSHES-QUINCY MASSACHUSETTS VERMONT SOLID	PLAN	ENVIRONMENTAL	WORK	IN EDUCATION	POLLUTION 362		
WASTE MANAGEMENT PLAN BERKS COUNTY LOCAL	PLAN	PHYSIOLOGICAL	ECOLOGY &	COMPREHENSIVE	ENVI 385		
GOVERNMENT	PLAN	PLANNING	AND	DIRECTING	ENVIRONMENTAL	ANLY 407	
ENVIRONMENTAL ANALYSIS OF SALT CREEK LAKE SCOPE &	PLAN	- II	STATES	MAXIMIZING	LOBSTER	YIELDS POPU 18	
ATLANTIC HERRING STOCKS STATE-FEDERAL	PLAN	BERKS	COUNTY	LOCAL	GOVERNMENT	PLAN	PHYSIOL 385
PREHENSIVE ENVIRONMENTAL PLANNING SOLID WASTE	PLAN	BERKS	COUNTY	LOCAL	GOVERNMENT	PLAN	PHYSIOL 385

TABLE 3 - RESEARCH OR CONSULTATION PROJECTS IN THE FIELD

STORY RESEARCH ON WILDLIFE NATIONWIDE OUTDOOR RECREATION	PLAN DESERT BIGHORN SHEEP BOOK EXPERT ON NATIONAL	378
ODY OF CEDAR BOG OHIO ENVIRONMENTAL ANALYSIS OF A WATER	PLAN ENVIRONMENTAL ANALYSIS OF THREE PROPOSED RE	654
TATEMENT DEVELOPMENT ARMY CORPS WATER WAY PROJ. FCIS STATE	PLAN FOR ENVIRONMENTAL - EDUCATION ANIMAL ECOLOGY	270
TREAMS DISTRIBUTION OF LEAD IN LENTIC WATERS CONTINGENCY	PLAN FOR SUMMIT & PAXSON LAKES LIMNOLOGY WATER	518
EMENT RESEARCH AND ADMINISTRATION OIL SPILL CONTINGENCY	PLAN FOR WILDLIFE WETLAND HABITAT TECHNIQUES MAN	224
WASHINGTON DC METROPOLITAN REGION VEGETATION MANAGEMENT	PLAN FOUR NATURAL AREAS USE OF CHLOROPHYLL EXTRA	710
AMEBIRDS AND FARM GAME PLAINFIELD TOWNSHIP COMPREHENSIVE	PLAN REGIONAL SEWER & WATER PLAN UPDATE LEASER L	670
ERING AND PLANNING SOUTHERN W. VA. ENVIRONMENTAL HEALTH	PLAN ROADSIDE REST AREA EVALUATION HELICOPTER DE	512
OF INTERMEDIA ANALYSIS FORMAT REG. ECON. AND ECOLOGICAL	PLAN SYSTEM MEMBERS OF MY FIRM REPRESENT THE PU	268
NVIRONMENTAL IMPACT TITUS RESERVOIR TEXAS ENVIRONMENTAL	PLAN TRINITY RIVER BASIN TEXAS ENVIRONMENTAL IMP	792
FIELD TOWNSHIP COMPREHENSIVE PLAN REGIONAL SEWER & WATER	PLAN UPDATE LEASER LAKE RECREATIONAL HUNTING POT	670
EDERAL RESOURCE DEVELOPMENT KEOH LAKE LAND REQUIREMENTS	PLAN WILLOW ISLAND LOCKS AND DAM - ENV. IMPACT S	407
E LASER SCINTILLATION STUDIES ATMOSPHERIC IRRADIANCE IN	PLANETARY BOUNDARY LAYER MEASUREMENT OF ATMOSPHE	773
S AND WATERS WORKSHOP ON ECOLOGY LIFE DETECTION ON OTHER	PLANETS CONSULTANT TO INDIAN INSTITUTE IN MICROB	566
MARINE BIOLOGY ECOLOGY OF	PLANKTONIC ORGANISMS	260
MUNITION DUMP SITES TRACE ELEMENT STUDIES ON DEEP WATER	PLANKTON ENVIRONMENTAL CONDITIONS ON	340
S ON MARINE PLANKTON THERMAL DISCHARGE EFFECTS ON MARINE	PLANKTON ESTUARINE AND MARINE PLANKTON BIOLOGY	564
CRE STIDDIES STUDY OF INFLUENCE OF TOWING SPEED ON CATCH	PLANKTON & NEKTON SAMPLING SAMPLING INSTRUMENTA	22
RENT ENVIRONMENTS FISH AND POLLUTION MERCURY IN FISH AND	PLANKTON AND WATER FISH SENSORY SYSTEMS AS RELA	102
AL CHEMICAL AND BIOLOGICAL AND AQUATIC ECOLOGY AND IN	PLANKTON AS MEASURE OF BIOMASS AND ACTIVITY BIOL	85
CHARGE EFFECTS ON MARINE PLANKTON ESTUARINE AND MARINE	PLANKTON BIOLOGY AND POLLUTION EFFECTS EVALUATIO	564
APHY CARBON SULFUR BUDGETS DISSOLVED GASES TRACE METALS	PLANKTON DECOMPOSITION ANAEROBIC WATER SYSTEMS T	3
ASS ECOLOGY OF FISHES; ECOLOGY OF MARINE AND FRESHWATER	PLANKTON DOMESTIC-INDUSTRIAL POLLUTION AND BENTH	289
ESSMENT ROCKAWAY VALLEY REG. SEW. AUTH. ENV. ASSESSMENT	PLANKTON ECOLOGY AND ENVIRONMENTAL STRESS FRESH	467
EMICAL INTERACTIONS IN FRESH ESTUARINE & COASTAL WATERS	PLANKTON ECOLOGY IN THE ESTUARY HETEROTROPHY ON	812
L PRODUCTION	PLANKTON ECOLOGY THERMAL POLLUTION MODEL OF ALGA	63
LITY CRITERIA, LAKE RESTORATION WATER QUALITY CRITERIA;	PLANKTON POPULATION MODELING; FIELD ORNITHOLOGY	75
MARINE	PLANKTON STUDIES ENDANGERED SPECIES STUDIES	384
N EFFECTS EVALUATION THERMAL DISCHARGE EFFECTS ON MARINE	PLANKTON THERMAL DISCHARGE EFFECTS ON MARINE PLA	564
S ON MARINE PLANKTON THERMAL DISCHARGE EFFECTS ON MARINE	PLANKTON THERMAL DISCHARGE EFFECTS ON MARINE PLA	564
N MODELING; FIELD ORNITHOLOGY TWO MATHEMATICAL MODELS OF	PLANKTON-ALGAE FOOD CHAIN WATER QUALITY CRITERIA	75
MICROBIOLOGY RESEARCH ASSISTANT CELLULOSE PRODUCTION BY	PLANKTONIC ALGAE AND PATE OF CELLULOSE IN LACUST	577
TAL INFORMATION SPECIALIST MARINE	PLANKTONIC ALGAE. AT PRESENT I AM AN ENVIRONMEN	778
L INTERPRETATIONS CLIMATOLOGICAL MAPPING AND PREDICTION	PLANKTONIC FORAMINIFERAL ECOLOGY AND PALEOECOLOGY	355
OF SEABROOK ESTUARY	PLANKTONIC MARINE CRUSTACEANS ZOOPLANKTON SURVEY	779
CTURE FUNCTION AND PRODUCTIVITY OF BENTHIC INFAUNA AND	PLANKTONIC PRIMARY PRODUCTION AND MINERAL CYCLIN	300
RESOURCE MANAGEMENT PLANS RECREATION RESOURCE ANALYSIS	PLANNING & MANAGEMENT RECREATION IMPACT ON WILD	643
E PLANNING, LONG ISLAND, NY SHORE MANAGEMENT GUIDELINES	PLANNING & MANAGING NATURAL RESOURCES - SOCIAL	471
TION WATERSHED MANAGEMENT IN RELATION TO GROWTH LAND USE	PLANNING - ENVIRONMENTAL MANAGEMENT NUTRIENT CYC	374
NING PERTAINING TO ECOLOGY PLANNING A RESORT DEVELOPMENT	PLANNING A CAMPSITE LAND PLAN	129
E LAND PLANNING PERTAINING TO ECOLOGY	PLANNING A RESORT DEVELOPMENT PLANNING A CAMPSIT	129
OL AIR NOISE AND RELATED LAND POLLUTION AND LAND USE	PLANNING AIR POLLUTION CONTROL FROM WASTE WOOD R	434
ENVIRONMENTAL ANALYSIS OF SALT CREEK LAKE SCOPE & STUDY PLAN	PLANNING AND DIRECTING ENVIRONMENTAL ANALYSIS OF	407
ESTUARINE ECOLOGY PROGRAM	PLANNING DOCTORAL DISSERTATION RESEARCH	317
ION CONTROL AND WATER RESOURCES MANAGEMENT ENVIRONMENTAL	PLANNING ENVIRONMENTAL IMPACT ASSESSMENT STUDY H	6
NE CONSTRUCTION OCEANOGRAPHY AND METEOROLOGY ACOUSTICS	PLANNING ENVIRONMENTAL IMPACT PREDICTION FACILIT	559
CLASSIFICATION MAPPING AND INTERPRETATIONS FOR LAND USE	PLANNING EVALUATE LAND FOR RESIDENTIAL DEVELOPME	621
LONG-RANGE LAND USE	PLANNING FOR FISH AND WILDLIFE RESOURCES	582
SOIL CHANGE FOREST FERTILIZATION RESEARCH - NE HARDWOODS	PLANNING FOREST ECOLOGY RESEARCH - INDONESIA PLA	699
E HARDWOODS PLANNING FOREST ECOLOGY RESEARCH - INDONESIA	PLANNING FOREST SOILS RESEARCH SOIL-FOREST RELA	699
DEVELOPMENT PLANNING A CAMPSITE LAND	PLANNING PERTAINING TO ECOLOGY PLANNING A RESORT	129
CES NATURAL SCIENTIST IN THE FIELD OF WATER DEVELOPMENT	PLANNING POLLUTION INVESTIGATION FISHTRAP LAKE K	509
LAN PHYSIOLOGICAL ECOLOGY & COMPREHENSIVE ENVIRONMENTAL	PLANNING SOLID WASTE MANAGEMENT PLAN BERKS COUNT	385
DELIVERY OF MEDICAL CARE URBAN SYSTEMS ENGINEERING AND	PLANNING SOUTHERN W. VA. ENVIRONMENTAL HEALTH PL	512
STREAM HYDROLOGIC STUDIES AND MODELS FOR ABATEMENT AND	PLANNING THAILAND POLLUTION HAZARDOUS SPILLS OF	447
PLIED TO TREE WATER RELATION; HANS IMPACT; AND LAND USE	PLANNING TRANSDOME FACILITY IMPACT ON SOIL AND W	157
FOR FISHERIES MANAGEMENT OF THE CONNECTICUT RIVER BASIN	PLANNING DESIGN AND CONSTRUCTION OF ANADROMOUS	587
OTION ABATEMENT COSTS CONNECTICUT RIVER MARINE RESOURCE	PLANNING LONG ISLAND NY SHORE MANAGEMENT GUIDE	471
L HUNTING POTENTIAL LAND USE AND GENERAL WATER RESOURCE	PLANNING; HABITAT MANAGEMENT FOR GAMEBIRDS AND P	670
MENT RECREATION IMPACT ON WILDLIFE RESOURCE MANAGEMENT	PLANS RECREATION RESOURCE ANALYSIS PLANNING &	643
RTITIONING OF TROPICAL EPHYTTES STRUCTURE OF A TROPICAL	PLANT-POLLINATOR SYSTEM SYSTEMATICS OF CONOSTEGI	622
STATEMENT PREPARATION UNDER NEPA PHYSIOLOGICAL ECOLOGY	PLANT-WATER RELATIONS ENVIRONMENTAL IMPACTS PRE	585
D MANAGEMENT OF HISTORIC HOUSE MUSEA & SITES SMITH FIELD	PLANTATION HOUSE RESTORATION & MANAGEMENT MORVEN	634
ING EXPERIENCES BURNING TO PROMOTE PRAIRIE PLANT SPECIES	PLANTINGS FOR SCHOOL SITES HUMAN RELATIONSHIPS	121
CELLULAR MORPHOLOGY OF	PLANTS	197
TS - WILD AND CULTIVATED TAXONOMIC STUDIES OF CULTIVATED	PLANTS SYSTEMATICS OF FLOWERING PLAN	42
IALLY TRACE ELEMENTS BORON REQUIREMENT AND METABOLISM OF	PLANTS INORGANIC PLANT NUTRITION RESPEC	129
E DRAINAGE ROADSIDE REST AREA STUDY SAFETY IN WASTE TRF.	PLANTS BIOLOGICAL ASPECT OF WASTE TREATMENT EPPE	367
M INDOLE ALKALOID BIOSYNTHESIS PIGMENTS OF CENTROSPERMAT	PLANTS NATURAL PRODUCTS PHYTOCHEMISTRY ORGANIC	417
STRESS CONDITIONS STRESS PHYSIOLOGY OF WOODY ORNAMENTAL	PLANTS PHYSIOLOGICAL MECHANISMS FOR ENERGY TRAN	349
REHOSYSTEMATIC STUDIES OF AMERICAN OAKS ALKALOID-BEARING	PLANTS & THEIR ALKALOIDS FLORA OF TAIWAN C	430
; VEGETATION MANAGEMENT; PLANT GEOGRAPHY; FOREST ECOLOGY	PLANTS - ATP - NOISE - MICROCLIMATE INTERACTIONS	186
KES PHYSIOLOGICAL ECOLOGY OF ALGAL AND VASCULAR AQUATIC	PLANTS - MINERAL CYCLING ESTABLISH HIGH WATER MA	306
P CULTIVATED PLANTS SYSTEMATICS OF FLOWERING	PLANTS - WILD AND CULTIVATED TAXONOMIC STUDIES O	42
OF CERTAIN SPECIES LEAF LITTER ON THE GROWTH OF CERTAIN	PLANTS A PRELIMINARY STUDY OF EFFECTS OF CERTAIN	533
SUBURBAN AND FOREST ECOSYSTEMS URBAN METAL POLLUTION OF	PLANTS AIR POLLUTION INHIBITION OF PHOTOSYNTHESI	664
AND RNA EFFECT OF ETHYLENE ON FLOWER PIGMENTS STRESS ON	PLANTS AIR POLLUTION MONITORING WITH PLANTS INFL	155
IA VARIOUS DELETERIOUS EFFECTS OF IONIZING RADIATION ON	PLANTS AND CHEMICAL MUTAGENS EFFECTS OF IONIZING	676
YSTEMS MODEL OF SALT MARSH ECOLOGY OF MARSH ENVIRONMENT	PLANTS ARCTIC-ALPINE AND COASTAL TAXONOMY OF TOL	727
ANATOMY OF	PLANTS AS RELATED TO PHYLOGENY AND SYSTEMATICS	695
TILIZATION ION STIM. ATPASE CONDUCTANCE AND K UPTAKE IN	PLANTS ARVEL POLAR ANALYSIS PROG. FOR FLORISTS	510
EFFECTED BY POLLUTION ECOLOGICAL EFFECTS OF NUCLEAR POWER	PLANTS ECOLOGICAL ASSESSMENT OF LIQUID NATURAL G	511
L SPILL IMPACT STUDY COMPUTERIZATION OF SEWAGE TREATMENT	PLANTS ECOLOGICAL ASSESSMENT OF POWER PLANT OI	153
P MARYLAND WOODY PLANTS OF MARYLAND MARSH-TIDAL VASCULAR	PLANTS ECOLOGICAL SURVEY-POWER PLANT SITES ECOL	83
ENTAL ENGINEERING SITING AND OPERATION OF NUCLEAR POWER	PLANTS ECOLOGICAL SURVEYS OF POWER PLANT SITES P	693

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

C ZOOPLANKTON ENVIRONMENTAL EVALUATION OF NUCLEAR POWER	PLANTS FEEDING HABITS OF PINK AND CHUM SALMON SE	382
UPDATES AND ECOLOGY OF ROOT PATHOGENS PATHOLOGY OF WOCCY	PLANTS IN URBAN SUBURBAN AND FOREST ECOSYSTEMS	664
PIGMENTS STRESS ON PLANTS AIR POLLUTION MONITORING WITH	PLANTS INFLUENCE OF OZONE ON PLANT PROTEINS AND	155
THE SOYBEAN PLANT INFLUENCE OF A MORPHACTINS ON SOYBEAN	PLANTS INFLUENCE OF 2 3-5 TRIODABENZOIC ACID ON	127
N THE BIOSPHERE NEUTRON AND GAMMA-RAY RESPONSE OF SEEDS	PLANTS NEUTRON AND GAMMA-RAY RESPONSE OF SEEDS	526
COLOGY AND TAXONOMY OF VASCULAR PLANTS OF MARYLAND WOCCY	PLANTS OF MARYLAND MARSH-TIDAL VASCULAR PLANTS E	83
RVEY-POWER PLANT SITES ECOLOGY AND TAXONOMY OF VASCULAR	PLANTS OF MARYLAND WOODY PLANTS OF MARYLAND MARS	83
RUSHES SCANNING ELECTRON MICROSCOPY OF ACHENES ESTUARINE	PLANTS OF RIVERS NEAR PHILADELPHIA SYSTEMATICS	628
CE IN CORN PHYSIOLOGICAL GENETICS OF PEST RESISTANCE IN	PLANTS PEST RESISTANCE IN SWEET CORN RESISTANCE	272
S AND CHEMICAL MUTAGENS EFFECTS OF IONIZING RADIATION ON	PLANTS RADIOBIOLOGICAL RESPONSES OF ORBITED TRAD	676
RELATIONS; TREE PHYSIOLOGY MEASUREMENT OF WATER STRESS IN	PLANTS SALT AND WATER ABSORPTION EFFECT OF FLOOD	403
ATION AND GROWTH OF OTHER SPECIES EFFECT OF CERTAIN SEED	PLANTS UPON GROWTH OF CERTAIN BLUE-GREEN ALGAE	533
P SEEDS PLANTS NEUTRON AND GAMMA-RAY RESPONSE OF SEEDS	PLANTS X RAYS ON BOSTON IVY BUDS IONIZING RADIA	526
ENVIRONMENT ON THE CHEMICAL/PHYSICAL PROPERTIES OF GREEN	PLANTS. THERMAL EFFECTS ON CHEMICAL/PHYSICAL PRO	160
LAWRENCE E. ONTARIO SHORELINE STUDY EIOGENIC SILICA IN	PLANTS- ECOLOGICAL SIGNIFICANCE DYNAMICS OF PORE	250
OF ACID MINE DRAINAGE BY NEUTRALIZATION DEVELOPMENT OF WOOD	PLASTIC TECHNOLOGY INVESTIGATION OF PULSED NEUTR	64
GENERATOR CORROSION SOLID WASTE DISPOSAL AIR POLLUTION	PLASTICS STUDIES ON SOLID WASTE DISPOSAL AND INC	45
ATION HUMORAL REGULATION OF THROMBOPOIESIS REGULATION OF	PLATELET PRODUCTION AND RELEASE PHYSIOLOGICAL H	146
CHY EVEN SPILL USE OF CLUADIZED BED ELECTRODE TO CLEANUP	PLATING WASTES AIR AND WATER POLLUTION CONTROL	783
IPERIDA ECOLOGY AND PALEOECOLOGY OF FORAMINIFERIDA LATE	PLEISTOCENE PALEOECOLOGY OF TONGUE OF OCEAN BIOS	445
ECOLOGY OF AQUATIC HABITATS - RESEARCH WITH	PLETHODONT SALAMANDERS	639
MYS-DEC HEARING AQUATIC ECOLOGY ESPECIALLY FISHERIES	PLUS POLLUTION CONTROL AS ENVIRONMENTAL ENGINEER	204
NTS RADIONUCLIDES AND POLLUTANTS RADIOELEMENTS IN OCEANS	PLUTONIUM IN LAKE ONTARIO OPENOCEAN ORGANISMS RE	74
UM COMPOUNDS THE EFFECT OF LUNG ANTIPCDY ON EXPERIMENTAL	PNEUMOCOINOSIS AN EXPERIMENTAL MODEL FOR HYPERSP	95
NEUMOCOINOSIS AN EXPERIMENTAL MODEL FOR HYPERSENSITIVITY	PNEUMONITIS IMMUNOLOGY OF CHRONIC LUNG DISEASES	95
VIVOR AND ECOLOGY POPULATION ECOLOGY & SOCIAL ETHOLOGY OF	POECILIOPSIS BEHAVIOR ASPECTS OF POPULATION DYNA	473
RATORY ANIMALS NEUROPATHOLOGICAL EFFECTS OF METHYL MERCURY	POISONING ANATOMIC PATHOLOGY PARTICULARLY REGA	245
CRUDE OIL INSECTICIDES SYNDETS TO MARINE LIFE CADMIUM	POISONING IN MARINE ORGANISMS TOXICOLOGY OF SYND	205
WETLANDS WATERFOWL AND WETLAND ECOLOGY LEAD	POISONING IN WATERFOWL CANVASBACK DUCK LOUISIANA	17
AL REFERENCE TO WATERFOWL AND ASSOCIATED ECOSYSTEMS LEAD	POISONING IN WATERFOWL TESTING LITERATURE REVIE	274
KANAWHA RIVER USE OF CRUDE BIOASSAY TECHNIQUE IN ENDRIN	POISONING OF SHAWNEE LAKE BENTHIC MACROFAUNAL P	282
EMS ANALYSIS COMMUNITY MODELING HEALTH EFFECTS OF ENERGY	POLICY HEALTH EFFECTS ON HUMANS CAUSED BY ENVIR	745
ENYA PRICING IN WATER RESOURCE MANAGEMENT ECONOMICS AND	POLICY ANALYSIS OF ENVIRONMENTAL RESOURCE MANAGE	175
TECTIVE FACILITIES ENGINEERING ADVISOR TO TECHNICAL AND	POLICY COMMITTEE FOR FISHERIES MANAGEMENT OF THE	587
AMTIC DOMESTIC AND INTERNATIONAL FISHERY MANAGEMENT AND	POLICY FISHERIES OF MIDDLE ATLANTIC BIGHT STATE-	472
LL VERMIN CONTROL PROJECT GOV. CCM/DEVELOP ENVIRONMENTAL	POLICY FOR CT PESTICIDE CONTROL LEGISLATION POR	388
Y AND FIBERS & LAND USE NATIONAL COMMISSION ON MATERIALS	POLICY FORESTRY CONSULTANT ADMINISTRATION OF FO	135
NS OF THE BIOTA OF CHESAPEAKE BAY OIL SPILL STUDY ENERGY	POLICY PROJECT	69
CROSCOPY CLINICAL AND PATHOLOGIC ANATOMY ANNUAL RAGNEED	POLLEN CENSUS - 4 COMMUNITIES ABSTRACTOR HUMAN	296
ENVIRONMENTAL EDUCATION INDUSTRIAL RELATIONS ANALYSIS OF	POLLUTANTS & OTHER CHEMICAL APPLICATIONS	515
ATIC TOXICOLOGY, PRODUCT DETERMINATION OF ENVIRONMENTAL	POLLUTANTS AND EVALUATION OF HEALTH EFFECTS DETE	31
GENETICS; PEST POPULATION MANAGEMENT ECOLOGICAL IMPACT OF	POLLUTANTS AND PEST MANAGEMENT ECOLOGICAL IMPACT	552
PLANT IN EDMONTON, ALBERTA TOXICOLOGICAL EFFECTS OF AIR	POLLUTANTS BIOLOGICAL EFFECTS OF OXIDANT AIR POL	261
OF AIR AND WATER MONITORING METHODS AND INSTRUMENTS FOR	POLLUTANTS DEVELOP PHOSPHORUS IN WATER MONITOR D	565
EFFECTS OF AIR POLLUTANTS BIOLOGICAL EFFECTS OF OXIDANT AIR	POLLUTANTS EFFECTS OF OXIDANT AIR POLLUTANTS HEA	261
ESIS MAMMALIAN CELL CULTURE CELL CULTURE ASSAY OF WATER	POLLUTANTS ELECTRON MICROSCOPY OF VIRUSES INHIBI	219
EFFECTS OF OXIDANT AIR POLLUTANTS EFFECTS OF OXIDANT AIR	POLLUTANTS HEALTH EFFECTS OF POWER PLANT IN EDMO	261
ONMENTAL TOXICOLOGY ESPECIALLY OF AIR WATER AND OTHER	POLLUTANTS LONG-TERM EFFECTS OF PESTICIDES IN SS	539
MENTAL METABOLISM AND EFFECTS OF PESTICIDES AND ORGANIC	POLLUTANTS MICROBIAL DEGRADATION OF DDT ENVIRONM	548
T. PLANTS BIOLOGICAL ASPECT OF WASTE TREATMENT EFFECT OF	POLLUTANTS ON ENVIRONMENT REVERSE OSMOSIS TREATM	367
	POLLUTANTS ON HOST DEFENSE MECHANISMS	787
BIOLOGY AND BIOCHEMISTRY PROTEIN SYNTHESIS INHIBITION BY	POLLUTANTS ORGANIC NITROGEN CYCLE IN MARINE SEDI	435
TH SPECIAL REFERENCE TO TRACE ELEMENTS RADIONUCLIDES AND	POLLUTANTS RADIOELEMENTS IN OCEANS PLUTONIUM IN	74
Q P. TROUT FISH BIOASSAYS ACUTE & SUBLETHAL EFFECTS OF	POLLUTANTS TO FISH ROLE OF NUTRIENTS IN DIATOM P	281
ND WATER SUPPLY PROTECTION CHARACTER OF NATURAL WATERS &	POLLUTANTS WATER QUALITY PROTECTION & SUPPLY PRO	393
IN POND WATER & HYDROSOIL INTERACTIONS OF ENVIRONMENTAL	POLLUTANTS WITH MARINE AND FRESHWATER PHYTOPLANK	578
FOREST TREES ANALYSIS OF PHYTOXIC EFFECTS OF CHEMICAL	POLLUTANTS ESPECIALLY PESTICIDES EFFECT OF MIRE	114
	POLLUTED STREAM	89
MARSHES PHYSICAL AND ANALYTICAL CHEMISTRY OF NATURAL AND	POLLUTED WATERS. WATER PROCESSING SURVEY CHEM. A	332
H AS IT PERTAINS TO INDICATOR ORGANISMS OF ENVIRONMENTAL	POLLUTION MICROBIAL RESEARC	361
LUTONIUM IN LAKE ONTARIO OPENOCEAN ORGANISMS RESPONSE TO	POLLUTION BIOGEOCHEMISTRY OF OCEANS WITH SPECIA	74
SYSTEMS FOR THE STUDY OF WATER POLLUTION CONTROL OF ALGAL	POLLUTION PLANT PHYSIOLOGY (ALGAL) - ROLE OF PI	84
PROGRAM STATE OF NEW YORK ROLE OF ANIMAL WASTES IN WATER	POLLUTION WATER QUALITY MANAGEMENT WATER POLLUT	344
NARRA. FAY ASSESSMENT OF ENVIRONMENTAL MODIFICATION BY	POLLUTION (MARINE-PHYSICAL- BIOL.) DREDGE SPOIL	555
	POLLUTION (OIL) ON MOLLUSCS (PELECYPODS)	685
S OFFICE, SO. DIST. NEW YORK CONSULTANT - ECOLOGY, INC.	POLLUTION - AQUATIC SOLID WASTES (COMPOSTING) C	107
ENVIRONMENTAL IMPACT STUDY ENVIRONMENTAL MANAGEMENT AND	POLLUTION ABATEMENT ACID MINE DRAINAGE POLLUTION	747
WATER STUDIES FOR HERRINACK RIVER & BOSTON HARBOR WATER	POLLUTION ABATEMENT AND PLANT RESPONSE GRASS RES	610
CES - SOCIAL ECONOMIC ENVIRONMENTAL INSTIT INDUSTRIAL	POLLUTION ABATEMENT COSTS CONNECTICUT RIVER MAR	471
AL MANAGEMENT AND POLLUTION ABATEMENT ACID MINE DRAINAGE	POLLUTION ABATEMENT STUDY NATURAL RESOURCE MANAG	747
RMONT SOLID WASTE PLAN ENVIRONMENTAL WORK IN EDUCATION	POLLUTION ANALYSIS AND SOLID WASTE MANAGEMENT SO	362
GY OF MARINE AND FRESHWATER PLANKTON DOMESTIC-INDUSTRIAL	POLLUTION AND BENTHAL INSECTS TROUT HATCHERY VS.	289
DIVERSIONS IN CONN. RIVER BENEFIT-COST ANALYSIS THERMAL	POLLUTION AND ENTRAINMENT EFFECTS ON ICHTHYOPLAN	456
OLOGICAL IMPLICATIONS OF THE MCGUIRE NUCLEAR PLANT WATER	POLLUTION AND GENETIC DEFECTS ENVIRONMENTAL GEC	9
	POLLUTION AND INDUSTRIAL HYGIENE PAST 30 YEARS	739
MARINE PHYTOPLANKTON THERMAL	POLLUTION AND PHYTOPLANKTON COUNT AND IDENTIFY M	109
LITY EFFECTS BELLINGHAM BAY WATER QUALITY ENVIRONMENTAL	POLLUTION AS IT RELATES TO AIR WATER AND LAND QU	652
CHEMISTRY IN MARINE ENVIRONMENT ASSESSMENT PROBLEMS OIL	POLLUTION ATLANTIC ORGANIC GEOCHEMISTRY ESTUARIN	213
TER TO BENTHIC ECOLOGY EXPERIMENTAL SALT MARSH STUDY CIL	POLLUTION BASELINE STUDY COASTAL ZONE WORKSHOP	719
TINGENCY PLAN FOR SUMMIT & PAXSON LAKES LIMNOLOGY WATER	POLLUTION BIOLOGY CHEMISTRY BENTHIC FAUNA FISHES	518
VA. WATER POLLUTION STUDY ON THE SHENANDOAH RIVER WATER	POLLUTION BIOLOGY EUTROPHICATION STUDY OF SMITH	324
RECYCLING ADVICE TO AN ALUMINUM PRODUCER COSTS OF POWER	POLLUTION CONTROL AIR NOISE AND RELATED LAND	434
MULTI. MEDIA PRESENTATIONS PRECIOUS METALS RECLAMATION -	POLLUTION CONTROL ENVIRONMENTAL EDUCATION BOTH	525
PHYSICAL-CHEMICAL TREATMENT OF OIL-BALLAST WATER WATER	POLLUTION CONTROL - PHYSICAL CHEMICAL AND BIOL	65
INISTRATION; SCIENTIFIC WRITING MEMBER PRESIDENT'S WATER	POLLUTION CONTROL ADVISORY BOARD EPA CONNECTICU	112

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ULATION DYNAMICS OF FISH POPULATIONS RESPONSE OF FISH TO MENT STUDY HIGHWAY AIR POLLUTION STUDIES ENVIRONMENTAL DEC HEARING AQUATIC ECOLOGY ESPECIALLY FISHERIES PLUS T EFFLUENTS MICROBIAL BIOCHEMISTRY AND ITS RELEVANCE TO E AND RELATED LAND POLLUTION AND LAND USE PLANNING AIR ATMENT SYSTEM PROCESS ENGINEERING RELATED TO INDUSTRIAL UTION THE USE OF MODEL ECOSYSTEMS FOR THE STUDY OF WATER MENTS IN URBAN ATMOSPHERES ENVIRONMENTAL RADIOACTIVITY D BED ELECTRODE TO CLEANUP PLATING WASTES AIR AND WATER NT ON HYDROELECTRIC PROJECT FUEL ENERGY AIR AND WATER ROUND RECHARGE IN SUFFOLK COUNTY ESTUARIAL ECOLOGY AND ROSOLS SYNTHESIS AND APPLICATIONS OF POLYMERS FOR WATER TANNERY WASTE TREATMENT	POLLUTION CONTROL ANADROMOUS TROUT MANAGEMENT EC POLLUTION CONTROL AND WATER RESOURCES MANAGEMENT 6 POLLUTION CONTROL AS ENVIRONMENTAL ENGINEER DDT 209 POLLUTION CONTROL PTOCHEMICAL DEGRADATION OF LIG 694 POLLUTION CONTROL FROM WASTE WOOD RECYCLING ADVI 434 POLLUTION CONTROL INDUSTRIAL WASTE TREATMENT - A 607 POLLUTION CONTROL OF ALGAL POLLUTION PLANT PHYS 84 POLLUTION CONTROL RADIOACTIVITY MEASUREMENT HUDS 204 POLLUTION CONTROL REMOVAL OF IRON FROM ACID MINE 763 POLLUTION CONTROL SOLVENT REFINED COAL ENVIRONME 372 POLLUTION CONTROL SURFACE WATER MOVEMENTS IN NEW 240 POLLUTION CONTROL SYNTHESIS OF FLOCCULANTS AND P 60 POLLUTION CONTROL WASTE TREATMENT USING BIO-DISC 603 POLLUTION CONTROL WITH BIOLOGICAL PROCESSES PORE 371 POLLUTION CONTROL WITH EMPHASIS ON CONTROL OF NU 767 POLLUTION CONTROL RAW WATER CLARIFICATION AND I 794 POLLUTION DISPOSING WASTE HEAT TO SOIL REVEGETAT 474 POLLUTION ECOLOGICAL EFFECTS OF NUCLEAR POWER PL 511 POLLUTION ECONOMIC EFFECTS OF AIR POLLUTION ON W 631 POLLUTION EFFECTS EVALUATION THERMAL DISCHARGE E 564 POLLUTION EFFECTS ON AQUATIC COMMUNITIES ENVIRON 55 POLLUTION EFFECTS ON AQUATIC LIFE EFFECTS OF TUR 38 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 542 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 553 POLLUTION HAZARDOUS SPILLS OF TOXIC CHEMICALS EN 447 POLLUTION IDENTIFICATION OF PAPER MILL WASTES PI 263 POLLUTION IN TAMPA BAY IN FLORIDA INVESTIGATION 24 POLLUTION INDICATORS ADAPTATIONS OF REPTILE BLOO 561 POLLUTION INFECTIOUS DISEASES THERMAL EFFECTS ON 414 POLLUTION INHIBITION OF PHOTOSYNTHESIS ROOT EXUD 664 POLLUTION INSTREAM MONITORING TECHNIQUES IN A LA 337 POLLUTION INVESTIGATION FISHTRAP LAKE KENPOCKY I 509 POLLUTION LIGHT PENETRATION IN SEA AND ECOLOGICA 132 POLLUTION MERCURY IN FISH AND PLANKTON AND WATER 102 POLLUTION MICROBIOLOGY MICROBIOLOGICAL CHANGES D 549 POLLUTION MID-WATER TO BENTHIC ECOLOGY EXPERIMEN 719 POLLUTION MODEL OF ALGAL PRODUCTION 63 POLLUTION MONITORING ALGAL ECOLOG 679 POLLUTION MONITORING TROPHOGENIC ECOLOGY OF SOUT 469 POLLUTION MONITORING WITH PLANTS INFLUENCE OF OZ 155 POLLUTION NEW JERSEY MARINE ECOLOGICAL STUDY SCH 487 POLLUTION OF COASTAL WATERS SALT MARSH MICROCOSM 504 POLLUTION OF FARM PONDS SOIL MICROBIOLOGY BIO 491 POLLUTION OF LAKE ONONDAGA NEW YORK BIOGEOCHEM 182 POLLUTION OF PLANTS AIR POLLUTION INHIBITION OF 664 POLLUTION OF UPPER TOMAWANDA CREEK 455 POLLUTION OHIO RIVER ALGAE ECOLOGY PERIPHYTIC DI 359 POLLUTION ON AQUATIC ECOSYSTEMS EFFECT OF ORGANI 399 POLLUTION ON BENTHIC ORGANISMS EFFECTS OF DYOX 381 POLLUTION ON INSECT FOOD CHAIN 254 POLLUTION ON SMALL MAMMALS ENERGETICS OF PASSERT 65 POLLUTION ON THE AQUATIC ECOLOGY THERMAL POLLUTI 38 POLLUTION ON W. VA. 631	277 6 209 694 434 607 84 204 763 372 240 60 603 371 767 794 474 511 631 564 55 38 542 553 447 263 24 561 414 664 337 509 132 102 549 719 63 679 469 155 487 504 491 182 664 455 359 399 381 254 65 38 631 344 711 495 213 103 177 6 648 324 485 476 84 504 108 434 307 745 573 151 45 810 688 302 688 168 60 794 60 617 208 96 96
. VA. RINE PLANKTON ESTUARINE AND MARINE PLANKTON BIOLOGY AND ROJECT ASSESS OF PW PHOSPHORUS PLANT, EDGEWOOD EVALUATE IPE EFFECTS OF POLLUTION ON THE AQUATIC ECOLOGY THERMAL IPE AND EVALUATE ACTUAL AND POTENTIAL SOURCES OF AQUATIC INVENTORY AND EVALUATE POTENTIAL SOURCES OF TERRESTRIAL C STUDIES AND MODELS FOR ABATEMENT AND PLANNING THAILTON TEXTILE RESEARCH EFFECT OF WOOL SCOURING MILL ON STREAM S PEEDING OF FISH IN BACK BAY REFUGE IN VIRGINIA THERMAL OLOGY OF FISHES AMPHIBIANS AND REPTILES AMPHIBIANS AS NDS MEKONG RIVER ECOLOGY AQUATIC ECOLOGY; ENVIRONMENTAL ND FOREST ECOSYSTEMS URBAN METAL POLLUTION OF PLANTS AIR YOLOGY AQUATIC ENTOMOLOGY LIMNOLOGY AND ENVIRONMENTAL RAL SCIENTIST IN THE FIELD OF WATER DEVELOPMENT PLANNING C ENVIRONMENT REMOTE SPENSING OF THE OCEAN PRODUCTIVITY RY SYSTEMS AS RELATED TO DIFFERENT ENVIRONMENTS FISH AND ASIC AND APPLIED MICROBIOLOGY; APPLIED ENVIRONMENTAL AND E STUDY COASTAL ZONE WORKSHOP MARSH ECOLOGY MARINE CIL PLANKTON ECOLOGY THERMAL	POLLUTION CONTROL ANADROMOUS TROUT MANAGEMENT EC POLLUTION CONTROL AND WATER RESOURCES MANAGEMENT 6 POLLUTION CONTROL AS ENVIRONMENTAL ENGINEER DDT 209 POLLUTION CONTROL PTOCHEMICAL DEGRADATION OF LIG 694 POLLUTION CONTROL FROM WASTE WOOD RECYCLING ADVI 434 POLLUTION CONTROL INDUSTRIAL WASTE TREATMENT - A 607 POLLUTION CONTROL OF ALGAL POLLUTION PLANT PHYS 84 POLLUTION CONTROL RADIOACTIVITY MEASUREMENT HUDS 204 POLLUTION CONTROL REMOVAL OF IRON FROM ACID MINE 763 POLLUTION CONTROL SOLVENT REFINED COAL ENVIRONME 372 POLLUTION CONTROL SURFACE WATER MOVEMENTS IN NEW 240 POLLUTION CONTROL SYNTHESIS OF FLOCCULANTS AND P 60 POLLUTION CONTROL WASTE TREATMENT USING BIO-DISC 603 POLLUTION CONTROL WITH BIOLOGICAL PROCESSES PORE 371 POLLUTION CONTROL WITH EMPHASIS ON CONTROL OF NU 767 POLLUTION CONTROL RAW WATER CLARIFICATION AND I 794 POLLUTION DISPOSING WASTE HEAT TO SOIL REVEGETAT 474 POLLUTION ECOLOGICAL EFFECTS OF NUCLEAR POWER PL 511 POLLUTION ECONOMIC EFFECTS OF AIR POLLUTION ON W 631 POLLUTION EFFECTS EVALUATION THERMAL DISCHARGE E 564 POLLUTION EFFECTS ON AQUATIC COMMUNITIES ENVIRON 55 POLLUTION EFFECTS ON AQUATIC LIFE EFFECTS OF TUR 38 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 542 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 553 POLLUTION HAZARDOUS SPILLS OF TOXIC CHEMICALS EN 447 POLLUTION IDENTIFICATION OF PAPER MILL WASTES PI 263 POLLUTION IN TAMPA BAY IN FLORIDA INVESTIGATION 24 POLLUTION INDICATORS ADAPTATIONS OF REPTILE BLOO 561 POLLUTION INFECTIOUS DISEASES THERMAL EFFECTS ON 414 POLLUTION INHIBITION OF PHOTOSYNTHESIS ROOT EXUD 664 POLLUTION INSTREAM MONITORING TECHNIQUES IN A LA 337 POLLUTION INVESTIGATION FISHTRAP LAKE KENPOCKY I 509 POLLUTION LIGHT PENETRATION IN SEA AND ECOLOGICA 132 POLLUTION MERCURY IN FISH AND PLANKTON AND WATER 102 POLLUTION MICROBIOLOGY MICROBIOLOGICAL CHANGES D 549 POLLUTION MID-WATER TO BENTHIC ECOLOGY EXPERIMEN 719 POLLUTION MODEL OF ALGAL PRODUCTION 63 POLLUTION MONITORING ALGAL ECOLOG 679 POLLUTION MONITORING TROPHOGENIC ECOLOGY OF SOUT 469 POLLUTION MONITORING WITH PLANTS INFLUENCE OF OZ 155 POLLUTION NEW JERSEY MARINE ECOLOGICAL STUDY SCH 487 POLLUTION OF COASTAL WATERS SALT MARSH MICROCOSM 504 POLLUTION OF FARM PONDS SOIL MICROBIOLOGY BIO 491 POLLUTION OF LAKE ONONDAGA NEW YORK BIOGEOCHEM 182 POLLUTION OF PLANTS AIR POLLUTION INHIBITION OF 664 POLLUTION OF UPPER TOMAWANDA CREEK 455 POLLUTION OHIO RIVER ALGAE ECOLOGY PERIPHYTIC DI 359 POLLUTION ON AQUATIC ECOSYSTEMS EFFECT OF ORGANI 399 POLLUTION ON BENTHIC ORGANISMS EFFECTS OF DYOX 381 POLLUTION ON INSECT FOOD CHAIN 254 POLLUTION ON SMALL MAMMALS ENERGETICS OF PASSERT 65 POLLUTION ON THE AQUATIC ECOLOGY THERMAL POLLUTI 38 POLLUTION ON W. VA. 631	277 6 209 694 434 607 84 204 763 372 240 60 603 371 767 794 474 511 631 564 55 38 542 553 447 263 24 561 414 664 337 509 132 102 549 719 63 679 469 155 487 504 491 182 664 455 359 399 381 254 65 38 631 344 711 495 213 103 177 6 648 324 485 476 84 504 108 434 307 745 573 151 45 810 688 302 688 168 60 794 60 617 208 96 96
Y DIATOM AND BLUE-GREEN ALGAE ECOLOGY AND SYSTEMATICS QUATIC ECOLOGY - EUTROPHICATION PROCESSES AND BIOLOGICAL ECT OF ETHYLENE ON FLOWER PIGMENTS STRESS ON PLANTS AIR TESTODINEUS ICTHYOLOGY FISHERY BIOLOGY ENVIRONMENTAL ON MARINE BIOTA SALT MARSH PRODUCTIVITY & PLANT EXPORT DEGRADATION OF PESTICIDES MODULATION OF TROPICAL LEGUMES AND FRESHWATER SEDIMENTS REGIONAL LIMNOLOGY OF MINNESOTA TS IN URBAN SUBURBAN AND FOREST ECOSYSTEMS URBAN METAL AQUATIC ENTOMOLOGY	POLLUTION CONTROL ANADROMOUS TROUT MANAGEMENT EC POLLUTION CONTROL AND WATER RESOURCES MANAGEMENT 6 POLLUTION CONTROL AS ENVIRONMENTAL ENGINEER DDT 209 POLLUTION CONTROL PTOCHEMICAL DEGRADATION OF LIG 694 POLLUTION CONTROL FROM WASTE WOOD RECYCLING ADVI 434 POLLUTION CONTROL INDUSTRIAL WASTE TREATMENT - A 607 POLLUTION CONTROL OF ALGAL POLLUTION PLANT PHYS 84 POLLUTION CONTROL RADIOACTIVITY MEASUREMENT HUDS 204 POLLUTION CONTROL REMOVAL OF IRON FROM ACID MINE 763 POLLUTION CONTROL SOLVENT REFINED COAL ENVIRONME 372 POLLUTION CONTROL SURFACE WATER MOVEMENTS IN NEW 240 POLLUTION CONTROL SYNTHESIS OF FLOCCULANTS AND P 60 POLLUTION CONTROL WASTE TREATMENT USING BIO-DISC 603 POLLUTION CONTROL WITH BIOLOGICAL PROCESSES PORE 371 POLLUTION CONTROL WITH EMPHASIS ON CONTROL OF NU 767 POLLUTION CONTROL RAW WATER CLARIFICATION AND I 794 POLLUTION DISPOSING WASTE HEAT TO SOIL REVEGETAT 474 POLLUTION ECOLOGICAL EFFECTS OF NUCLEAR POWER PL 511 POLLUTION ECONOMIC EFFECTS OF AIR POLLUTION ON W 631 POLLUTION EFFECTS EVALUATION THERMAL DISCHARGE E 564 POLLUTION EFFECTS ON AQUATIC COMMUNITIES ENVIRON 55 POLLUTION EFFECTS ON AQUATIC LIFE EFFECTS OF TUR 38 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 542 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 553 POLLUTION HAZARDOUS SPILLS OF TOXIC CHEMICALS EN 447 POLLUTION IDENTIFICATION OF PAPER MILL WASTES PI 263 POLLUTION IN TAMPA BAY IN FLORIDA INVESTIGATION 24 POLLUTION INDICATORS ADAPTATIONS OF REPTILE BLOO 561 POLLUTION INFECTIOUS DISEASES THERMAL EFFECTS ON 414 POLLUTION INHIBITION OF PHOTOSYNTHESIS ROOT EXUD 664 POLLUTION INSTREAM MONITORING TECHNIQUES IN A LA 337 POLLUTION INVESTIGATION FISHTRAP LAKE KENPOCKY I 509 POLLUTION LIGHT PENETRATION IN SEA AND ECOLOGICA 132 POLLUTION MERCURY IN FISH AND PLANKTON AND WATER 102 POLLUTION MICROBIOLOGY MICROBIOLOGICAL CHANGES D 549 POLLUTION MID-WATER TO BENTHIC ECOLOGY EXPERIMEN 719 POLLUTION MODEL OF ALGAL PRODUCTION 63 POLLUTION MONITORING ALGAL ECOLOG 679 POLLUTION MONITORING TROPHOGENIC ECOLOGY OF SOUT 469 POLLUTION MONITORING WITH PLANTS INFLUENCE OF OZ 155 POLLUTION NEW JERSEY MARINE ECOLOGICAL STUDY SCH 487 POLLUTION OF COASTAL WATERS SALT MARSH MICROCOSM 504 POLLUTION OF FARM PONDS SOIL MICROBIOLOGY BIO 491 POLLUTION OF LAKE ONONDAGA NEW YORK BIOGEOCHEM 182 POLLUTION OF PLANTS AIR POLLUTION INHIBITION OF 664 POLLUTION OF UPPER TOMAWANDA CREEK 455 POLLUTION OHIO RIVER ALGAE ECOLOGY PERIPHYTIC DI 359 POLLUTION ON AQUATIC ECOSYSTEMS EFFECT OF ORGANI 399 POLLUTION ON BENTHIC ORGANISMS EFFECTS OF DYOX 381 POLLUTION ON INSECT FOOD CHAIN 254 POLLUTION ON SMALL MAMMALS ENERGETICS OF PASSERT 65 POLLUTION ON THE AQUATIC ECOLOGY THERMAL POLLUTI 38 POLLUTION ON W. VA. 631	277 6 209 694 434 607 84 204 763 372 240 60 603 371 767 794 474 511 631 564 55 38 542 553 447 263 24 561 414 664 337 509 132 102 549 719 63 679 469 155 487 504 491 182 664 455 359 399 381 254 65 38 631 344 711 495 213 103 177 6 648 324 485 476 84 504 108 434 307 745 573 151 45 810 688 302 688 168 60 794 60 617 208 96 96
SCS ALGAL VIRUSES NCE OF SYMBOCLADIUS EQUITANS IN CONNECTICDT EFFECTS CP CAL STUDY OF THREE POSSIBLE POWER SITES PLANT EFFECT CF ECOLOGY OF INSECTS EFFECTS ATOMPERIC LEAD HOUSE SPARROW ENERGETICS AND DISTRIBUTION EFFECTS OF AIR EFFECTS OF PAPER MILL WASTES ON AQUATIC LIFE EFFECTS CF AIR POLLUTION ECONOMIC EFFECTS OF AIR ASTES IN WATER POLLUTION WATER QUALITY MANAGEMENT WATER ANALYSIS IN LONG ISLAND SOUND ESTUARY P THE CLARION AND TIONESTA RESERVOIRS CONSULTANT - WATER ISTRY ESTUARINE SEDIMENTS ORGANIC GEOCHEMISTRY AND CIL OZOAN COMMUNITY STRUCTURE AQUATIC COMMUNITY RESPONSE TO ERWAY PRODUCTIVITY LAKE SEDIMENTS ACID MINE ANNING ENVIRONMENTAL IMPACT ASSESSMENT STUDY HIGHWAY AIR YSIOLOGY AND BIOCHEMISTRY I HOPE TO APPLY THIS TO WATER N LAKE VA. BIOLOGICAL SURVEY OF PETERS CREEK VA. WATER S AND THEIR VECTORS - MICROBULOPOLLUTION OF WATER WATER HAVIORAL AND ECOLOGICAL ASPECTS OF THERMAL AND CHEMICAL PHYSIOLOGY (ALGAL) - ROLE OF PIGMENTS - PHOTOSYNTHESIS - RT POLLUTION OF COASTAL WATERS SALT MARSH MICROCOSMS: A OLOGY PITUITARY FSN PHYSIOLOGY EFFECTS OF ENVIRONMENTAL CP POWER POLLUTION CONTROL AIR NOISE AND RELATED LAND SEDIMENTOLOGY CIRCULATION OF N.H. COASTAL WATERS THERMAL POLICY HEALTH EFFECTS ON HUMANS CAUSED BY ENVIRONMENTAL ST ACQUIERS KARST AND CAVE HYDROLOGY AND GEOLOGY; WATER CULARLY MARINE MEIOFAUNA MEIOFAUNA ENERGETICS SALT MARSH SAL AND INCINERATOR CORROSION SOLID WASTE DISPOSAL AIR NING LEGISLATION - CONSULTATION COAL MINING ASSOCIATED ODY OF THE ROCK CREEK WATFRSHED ENVIR. POLLUTION; WATER MATICAL MODELS; RIVER AND ESTUARY WATER QUALITY; THERMAL R. BACT & CHEM STUDY OF THE ROCK CREEK WATFRSHED ENVIR. BREAKBACKEN-BLENHEIM PUMPED STORAGE FACILITY RENSSELAER FOR WATER POLLUTION CONTROL SYNTHESIS CP FLOCCULANTS AND MUNICIPAL SEWAGE SLUDGES CORROSION AND SCALF INHIBITORS T OF FILTERS FOR AEROSOLS SYNTHESIS AND APPLICATIONS CP EMATICAL QUANTITATIVE AND STATISTICAL GENETICS ISCZYNE HEMICAL INTERACTIONS HOST PLANT INSECT COEVOLUTION IN P. C WILDLIFE POND MANAGEMENT TROUT STREAM MANAGEMENT TROUT PECTS OF WATER RESOURCE PROJECTS UPON FISH AND WILDLIFE	POLLUTION CONTROL ANADROMOUS TROUT MANAGEMENT EC POLLUTION CONTROL AND WATER RESOURCES MANAGEMENT 6 POLLUTION CONTROL AS ENVIRONMENTAL ENGINEER DDT 209 POLLUTION CONTROL PTOCHEMICAL DEGRADATION OF LIG 694 POLLUTION CONTROL FROM WASTE WOOD RECYCLING ADVI 434 POLLUTION CONTROL INDUSTRIAL WASTE TREATMENT - A 607 POLLUTION CONTROL OF ALGAL POLLUTION PLANT PHYS 84 POLLUTION CONTROL RADIOACTIVITY MEASUREMENT HUDS 204 POLLUTION CONTROL REMOVAL OF IRON FROM ACID MINE 763 POLLUTION CONTROL SOLVENT REFINED COAL ENVIRONME 372 POLLUTION CONTROL SURFACE WATER MOVEMENTS IN NEW 240 POLLUTION CONTROL SYNTHESIS OF FLOCCULANTS AND P 60 POLLUTION CONTROL WASTE TREATMENT USING BIO-DISC 603 POLLUTION CONTROL WITH BIOLOGICAL PROCESSES PORE 371 POLLUTION CONTROL WITH EMPHASIS ON CONTROL OF NU 767 POLLUTION CONTROL RAW WATER CLARIFICATION AND I 794 POLLUTION DISPOSING WASTE HEAT TO SOIL REVEGETAT 474 POLLUTION ECOLOGICAL EFFECTS OF NUCLEAR POWER PL 511 POLLUTION ECONOMIC EFFECTS OF AIR POLLUTION ON W 631 POLLUTION EFFECTS EVALUATION THERMAL DISCHARGE E 564 POLLUTION EFFECTS ON AQUATIC COMMUNITIES ENVIRON 55 POLLUTION EFFECTS ON AQUATIC LIFE EFFECTS OF TUR 38 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 542 POLLUTION ENVIRON MONITORING PROGRAM EDGEWOOD AR 553 POLLUTION HAZARDOUS SPILLS OF TOXIC CHEMICALS EN 447 POLLUTION IDENTIFICATION OF PAPER MILL WASTES PI 263 POLLUTION IN TAMPA BAY IN FLORIDA INVESTIGATION 24 POLLUTION INDICATORS ADAPTATIONS OF REPTILE BLOO 561 POLLUTION INFECTIOUS DISEASES THERMAL EFFECTS ON 414 POLLUTION INHIBITION OF PHOTOSYNTHESIS ROOT EXUD 664 POLLUTION INSTREAM MONITORING TECHNIQUES IN A LA 337 POLLUTION INVESTIGATION FISHTRAP LAKE KENPOCKY I 509 POLLUTION LIGHT PENETRATION IN SEA AND ECOLOGICA 132 POLLUTION MERCURY IN FISH AND PLANKTON AND WATER 102 POLLUTION MICROBIOLOGY MICROBIOLOGICAL CHANGES D 549 POLLUTION MID-WATER TO BENTHIC ECOLOGY EXPERIMEN 719 POLLUTION MODEL OF ALGAL PRODUCTION 63 POLLUTION MONITORING ALGAL ECOLOG 679 POLLUTION MONITORING TROPHOGENIC ECOLOGY OF SOUT 469 POLLUTION MONITORING WITH PLANTS INFLUENCE OF OZ 155 POLLUTION NEW JERSEY MARINE ECOLOGICAL STUDY SCH 487 POLLUTION OF COASTAL WATERS SALT MARSH MICROCOSM 504 POLLUTION OF FARM PONDS SOIL MICROBIOLOGY BIO 491 POLLUTION OF LAKE ONONDAGA NEW YORK BIOGEOCHEM 182 POLLUTION OF PLANTS AIR POLLUTION INHIBITION OF 664 POLLUTION OF UPPER TOMAWANDA CREEK 455 POLLUTION OHIO RIVER ALGAE ECOLOGY PERIPHYTIC DI 359 POLLUTION ON AQUATIC ECOSYSTEMS EFFECT OF ORGANI 399 POLLUTION ON BENTHIC ORGANISMS EFFECTS OF DYOX 381 POLLUTION ON INSECT FOOD CHAIN 254 POLLUTION ON SMALL MAMMALS ENERGETICS OF PASSERT 65 POLLUTION ON THE AQUATIC ECOLOGY THERMAL POLLUTI 38 POLLUTION ON W. VA. 631	277 6 209 694 434 607 84 204 763 372 240 60 603 371 767 794 474 511 631 564 55 38 542 553 447 263 24 561 414 664 337 509 132 102 549 719 63 679 469 155 487 504 491 182 664 455 359 399 381 254 65 38 631 344 711 495 213 103 177 6 648 324 485 476 84 504 108 434 307 745 573 151 45 810 688 302 688 168 60 794 60 617 208 96 96

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

Y MARINE ALGAE PERSISTENCE OF DICHLORPENT & ENDOTHAAL IN	574
LUTION AND PENETRAL INSECTS TROUT HATCHERY VS. OWNER OF A	289
TICIDES NODULATION OF TROPICAL LEGUMES POLLUTION OF FARM	491
RILE FOR WEST VIRGINIA COMPARATIVE HERPETOLOGY OF 2 FARM	47
IN FISHERIES RESEARCH: ZOOPLANKTON-FISH INTERACTIONS IN	352
KE BLUE GREEN ALGAE AND EUTROPHICATION OF COASTAL	501
USE OF CHEMICALS ON RANGELAND ALGAE CONTROL IN LAKES AND	68
EATION PROPOSES DUR 24 TRAPPING BLUEGILL SUNFISH IN FARM	777
ECTS ON AQUATIC ORGANISMS BIOLOGICAL CONTROL IN TROPICAL	614
S IN NORTHERN MAINE EFFECTS OF VARIOUS STOCKING RATES IN	73
NATURAL MARINE AND ESTUARINE SYSTEMS ECOLOGY OF BRACKISH	406
ALMON PASSAGE FACILITY EVALUATION FISHERY MANAGEMENT IN	284
OF SALT MARSH MEIOFAUNA PART OF KILLIFISH IN SALT MARSH	600
ESPECIALLY WITH REFERENCE TO MEANS OF BIOLOGICAL CONTROL	306
ELUTION CYTOGENE TICS OF VERTEBRATES BIOGEOGRAPHY COPP.	297
E HARBOR WATER BIOCHEMICAL DETERMINATION OF STRIPED BASS	498
ESTUARINE ECOLOGY; ENVIRONMENTAL EDUCATION DYNAMICS OF A	496
NOMIETIC INSECTICIDES BIODOMICS OF NATURAL CHLOR PIPES	680
F ILLEGAL ABORTION-JAMAICA ECOLOGY OF HUMAN DISEASES IN	352
TERACTION OF BEHAVIOR AND POPULATION BIOLOGY IN SEABIRDS	194
E PUBLIC COMPUTER SIMULATION OF THE EFFECTS OF CLUMPING	547
ASS EFFECTS OF SWAMP FILLING AT CONSTRUCTION SITE PLANT	298
S ON POPULATION EDUCATION AND (2) INFORMATION PROCESSING	19
R POWER PLANT RESEARCH: POPULATION DYNAMICS OF Y. PERCE	353
YLVANIA FORESTS INGESTION RATES OF CHIEFUNK POPULATIONS	276
HAZARDOUS TRACE SUBSTANCES INTERACTION OF BEHAVIOR AND	194
COMPETITION BETWEEN BLACK AND WILD GERMAN COCKROACHES	386
SUPERIOR ECOLOGICAL WATER QUALITY ANALYSES FIVEP-S-LAKES	387
ATION STUDIES MARINE FISHES OF VIRGINIA'S EASTERN SHORE	579
IES STEERING COMMITTEE OF NAT BORG OF INT. FEEL. OF RECL.	358
E AND ESTUARINE INVERTEBRATES	237
GRAY FOXES WILDLIFE ECOLOGY ESPECIALLY ANIMAL BEHAVIOR	225
POPULATION ECOLOGY OF BARN OWLS ANALYSIS OF A LAKE CARP	660
GENETICS OF RODENTS GENETICS OF MOUSE POPULATION CYCLES	712
LATION ECOLOGY AND GENETICS OF RODENTS GENETICS OF MOUSE	712
ETICS & EVOL. SCOLEPORUS LIZARDS EVOLUTION COMPARATIVE	297
CTIONS TERTIARY EFFLUENT MODIFICATION OF A STREAM HUMAN	437
FOREST INSECT	228
D WORK FOR RESEARCH IN BARGE ECOSYSTEMS AND SMALL MAMMAL	461
VIRONMENTAL SURVEY ELECTRIC FISH BARRIER EVACUATION FISH	604
AND DEVELOP. OF ENV. ECOL. CENTER FERRAL CAT PREDATION &	379
F FISHERIES BIOLOGY - BASIC STATISTICAL APPLICATIONS AND	581
GY & SOCIAL ETHOLOGY OF POECILIC BEHAVIOR ASPECTS OF	473
TRAP FISHERY TEMPERATURE EFFECTS ON YIELDS OF LOBSTERS	651
ORNITHOLOGY AT THE ORGANISMIC LEVEL; ECOLOGY BEHAVIOR	285
ESTUARINE FLOUNDER POPULATION SURVEY OF SEA BASS FISHERY	234
ES BIOLOGY LIFE HISTORY OF DOROSOMA PETRENCE IN ARIZONA	376
POPULATION DYNAMICS OF FRESH WATER AND ESTUARINE FISHES	734
ECTRIC FISH BARRIER EVACUATION FISH POPULATION DYNAMICS	604
ED-SHOULDERED HAWK POPULATION DYNAMICS OF AVIAN SPECIES	326
IDES, TERRITORIAL BEHAVIOR, AND THE RED-SHOULDERED HAWK	326
S LAKES	230
F FISH POPULATION TO REDUCED LOADING OF LAKE PHOSPHORUS	277
S FOREST SERVICE IMPACTS OF INSECTS ON FOREST ECOSYSTEMS	750
SS. OF CHARLES CREEK FLOOD CONTROL PROJECT ECOLOGY AND	734
TERACTIONS HOST PLANT INSECT COEVOLUTION IN P. POLYXENES	208
N ECOLOGY OF URBAN WILDLIFE URBAN WATERFOWL POPULATIONS	738
DIVERSITY ON INSECTS PESTICIDES INDUCED ARID OUTBREAKS	545
R MANAGEMENT PLAN - IT STATES MAXIMIZING LOSER YIELDS	18
SPECIES OF HAWKS IMPACT OF RAPTORIAL BIRDS ON GRASSLANDS	523
PFLUENTS ALLEGANY POWER COMPANY EFFECTS OF PUMP STORAGE	619
ANMAL POPULATIONS FORESTS OF PRINCE EDWARD CO. VIRGINIA	251
ES DECIDUOUS FOREST DELAWARE BRIDGWAY PROJECT - MARSHES	264
LATION: ANALYZE IMPACT OF NUCLEAR POWER PLANT RESEARCH:	353
EFFECTS OF POLLUTANTS TO FISH ROLE OF NUTRIENTS IN DIATOM	281
CAT PREDATION & POPULATION DYNAMICS WILDLIFE ECOLOGY	379
POPULATION BREEDING ECOLOGY OF RAPTOR POPULATIONS IN UTAH	660
WEAENTIC RIVER FISHERIES PROGRAM ESTUARINE FISHERIES;	137
BADEN TAGGING STUDIES SHEEP STUDIES TAGGING STUDIES AND	195
ORT - NUCLEAR POWER PLANT ENERGY FLOW THROUGH OCA BORGAY	635
POPULATION ECOLOGY	4
OCIAL STRUCTURE IN FISH VERTEBRATE BEHAVIOR AND ECOLOGY	473
OF PREDATION ON POPULATION REGULATION	131
S POPULATION CYCLES IN BATS MOUSE DEMOGRAPHY ON ISLANDS	712
COLOGICAL EFFECTS OF PREDATION ON NON TARGET ORGANISMS	552
FOREST ECOSYSTEMS POPULATION DYNAMICS OF FOREST INSECTS	759
WARM-BLOODED VERTEBRATE	669
UDIES ECOLOGICAL STUDIES OF BIRD REPRODUCTION STUDIES OF	330
CHLATE SAMPLING EQUIPMENT PLANT PHYSIOLOGICAL ECOLOGY &	477
DYNAMICS HABITAT SELECTION AND PARTITIONING OF PARTIES	660
ALAMANDR ECOLOGY OF A POPULATION OF GREAT PLAINS SKINKS	295
CS OF AVIAN SPECIES POPULATION DYNAMICS OF AVIAL SPECIES	326
VERTEBRATE ECOLOGY ECOLOGY OF CARIBOU	653
TWO AREAS: (1) ENVIRONMENTAL EDUCATION WITH EMPHASIS ON	19
NCE BASIN VERTEBRATE ECOLOGY AND HABITAT SELECTION BIRD	762
FOND WATER & HYDROSOIL INTERACTIONS OF ENVIRON*	574
FOND-COURT CASE DIST OF RUMFILL AND LARGEMOUTH	289
FONDS SOIL MICROBIOLOGY BIODEGRADATION OF PPS	491
FONDS ECOLOGY OF SYMPATRIC SPECIES AMPHIBIANS C	47
FONDS CONSULTATION: ANALYZE IMPACT OF NUCLEAR PO	352
FONDS ECOLOGICAL SURVEY OF A COASTAL BRACKISH LA	501
FONDS HERBICIDES IN SOIL PLANT CROPS RESEARCH OF	68
FONDS LAKE FROTH CHEMOSOME MORPHOLOGY INCREASE	777
FONDS WPCONG RIVER ECOLOGY AQUATIC ECOLOGY; ENV	614
FONDS ON BK. TROUT FISHING QUALITY PREDATION ON	73
FONDS RECEIVING SWAMP DISSOLVED ORGANIC PHOSPHO	406
FONDS LAKES RESERVOIRS AND STREAMS ATLANTIC SU	284
POOL DYNAMICS EFFECTS OF ORGANOPHOSPHATE INSECT	600
POP. BIOL. OF GERMAN COCKROACH IN LAB. CULTURES	306
POP. CYTOGENETICS & EVOL. SCOLEPORUS LIZARDS BY	297
POP. EFFECTS OF ENLARGEMENT OF C & D CANAL ANAL	498
POP. OF SOFTSHELL CLAMS IPSWICH VA ENVIRONMENT	496
POPULATIONS REPRODUCTION OF MOSQUITOES REPRODUCT	680
POPULATIONS; AT AFFECTED BY SOCIAL FACTORS EVALU	352
POPULATION & MOVEMENTS OF NEW ENGLAND HERRING GU	194
POPULATION AND COMMUNITY BIOLOGY OF MARINE MOLLU	547
POPULATION AND COMMUNITY ECOLOGY SCOPHYRIOLOGY	298
POPULATION ASPECTS OF ENVIRONMENTAL EDUCATION TH	19
POPULATION BIOLOGY AND COMMUNITY ECOLOGY IN FISH	353
POPULATION BIOLOGY AND ECOLOGICAL ENERGETICS OF	276
POPULATION BIOLOGY IN SEABIRDS POPULATION & MOVE	194
POPULATION BIOLOGY OF COCKROACHES ESPECIALLY WI	386
POPULATION BIOLOGY THERMAL-ACID DRAINAGE SEWAGE	387
POPULATION BIOLOGY AND AGE GROWTH ANALYSES OF F	579
POPULATION BIOLOGY BOTH ITS ECOLOGICAL AND ITS	358
POPULATION BIOLOGY COMMUNITY ANALYSIS OF INSHOR	237
POPULATION BIOLOGY PREDATION IMPACT EVALUATION	225
POPULATION BREEDING ECOLOGY OF RAPTOR POPULATION	660
POPULATION CYCLES IN BATS MOUSE DEMOGRAPHY ON IS	712
POPULATION CYCLES POPULATION CYCLES IN BATS MOUS	712
POPULATION CYTOGENE TICS OF VERTEBRATES BIOGEO	297
POPULATION DENSITY VS. ACCELERATED EUTROPHICATIO	437
POPULATION DYNAMICS	228
POPULATION DYNAMICS	461
POPULATION DYNAMICS POPULATION DYNAMICS OF AQUA	604
POPULATION DYNAMICS WILDLIFE ECOLOGY & POPULATI	379
POPULATION DYNAMICS ALIENWIFE UTILIZATION OF PARK	581
POPULATION DYNAMIC IN FISH SEXUAL BEHAVIOR AND	473
POPULATION DYNAMICS INCLUDING STATISTICAL ANALYS	651
POPULATION DYNAMICS NEST SITE SELECTION IN WILD	285
POPULATION DYNAMICS OF ADULT ATLANTIC MENHADEN	234
POPULATION DYNAMICS OF ALOSA PSEUDOHARENINUS ALGS	376
POPULATION DYNAMICS OF ANADROMOUS ALIENWIFE ENVIR	734
POPULATION DYNAMICS OF AQUATIC ORGANISMS MID ATL	604
POPULATION DYNAMICS OF AVIAL SPECIES POPULATION	326
POPULATION DYNAMICS OF AVIAN SPECIES POPULATION	326
POPULATION DYNAMICS OF FISH ECOLOGY OF WARM WATE	230
POPULATION DYNAMICS OF FISH POPULATIONS RESPONSE	277
POPULATION DYNAMIC OF FOREST INSECTS POPULATIO	750
POPULATION DYNAMIC OF FRESH WATER AND ESTUARINE	734
POPULATION DYNAMICS OF HARVESTER ANTS METHODS IN	208
POPULATION DYNAMICS OF HOMIOTHERMS ESPECIALLY G	738
POPULATION DYNAMICS OF INSECTS ECOLOGY OF CROPS	545
POPULATION DYNAMICS OF MARINE FISH POPULATIONS H	18
POPULATION DYNAMICS OF RAPTORS IN SHORTGRASS PRA	523
POPULATION DYNAMICS OF SALMONIDS AND MACROINVERT	619
POPULATION DYNAMICS OF SMALL MAMMALS STRUCTURE	251
POPULATION DYNAMICS OF TREE SEEDLINGS GRASSLAND	264
POPULATION DYNAMICS OF Y. PERCH POPULATION DED	353
POPULATION DYNAMICS TOXICITY OF SULFITE WASTE LI	281
POPULATION DYNAMICS ENVIRONMENTAL EDUCATION PHI	379
POPULATION DYNAMICS HABITAT SELECTION AND PARTI	660
POPULATION DYNAMICS; EARLY LIFE HISTORY; TAXONOM	137
POPULATION DYNAMICS; RESEARCH ADMINISTRATION MAR	195
POPULATION ECOLOGICAL SURVEY COASTAL REGION OF G	635
POPULATION ECOLOGY	4
POPULATION ECOLOGY & SOCIAL ETHOLOGY OF POECILIC	473
POPULATION ECOLOGY AND ECOSYSTEM ECOLOGY EFFECT	131
POPULATION ECOLOGY AND GENETICS OF RODENTS GENET	712
POPULATION ECOLOGY AND GENETICS; PEST POPULATION	552
POPULATION ECOLOGY AND MANAGEMENT OF DESTRUCTIVE	759
POPULATION ECOLOGY AND WILDLIFE MANAGEMENT	669
POPULATION ECOLOGY CANADA PEST WILDLIFE ECOLOG	330
POPULATION ECOLOGY CONSULTATION FOR THE PURCHASE	477
POPULATION ECOLOGY OF BARN OWLS ANALYSIS OF A LA	660
POPULATION ECOLOGY OF COLO-COLOODED VERTEBRATES L	295
POPULATION ECOLOGY OF THE MALLARD PESTICIDES TR	326
POPULATION ECOLOGY OF THE ZEBRA IN EAST AFRICA	653
POPULATION EDUCATION AND (2) INFORMATION PROCESS	19
POPULATION EFFECT OF LOGGING ON TIMBER OPERATION	762

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

BOTH PEOPLE AND ENVIRONMENTS NATIONAL CONGRESS OPTIMUM	POPULATION ENVIRONMENT SITE SELECTION IN CASAMAN	142
ECOLOGY WITH EMPHASIS ON ENERGY FLOW THROUGH OCA PUGNAX	POPULATION ENVIRONMENTAL REPORT - NUCLEAR POWER	635
NG FOOD OF FORAGE FISH IN TWO LARGE RESERVOIRS RESERVOIR	POPULATION ESTIMATION RAINBOW TROUT SPawning SUC	246
RELATIONS THE RELATIONSHIP OF VARIOUS COVER TYPES TO FISH	POPULATION FISH POPULATIONS IN SWAMP-STREAM ECOS	713
VIOLABLE ASPECTS OF MIMICRY EVOLUTIONARY ECOLOGICAL AND	POPULATION GENETICS OF MAN AND INSECTS GENETICS	732
OF GROWTH RESEARCH AND BREEDING PROGRAM FOR DODGLAS FIE	POPULATION GENETICS THEORY AND MATHEMATICAL ECOL	506
-TARGET ORGANISMS POPULATION ECOLOGY AND GENETICS; PEST	POPULATION MANAGEMENT ECOLOGICAL IMPACT OF POLLU	552
ON DYNAMICS OF ALOSA PSEUDOHARENGUS ALOSA PSEUDOHARENGUS	POPULATION MODELING AQUATIC ECOLOGY AND FISHERY	376
ERIA, LAKE RESTORATION WATER QUALITY CRITERIA; PLANKTON	POPULATION MODELING; FIELD ORNITHOLOGY TWO MATHF	75
TERRATES LIFE HISTORY OF WEHRELS SALAMANDER ECOLOGY OF A	POPULATION OF GREAT PLAINS SKINK POPULATION ECO	295
RNIUS PLANT MORPHOLOGY SYSTEMATICS EMBRYOLOGICAL STUDY OF	POPULATION OF SOUTHEAST CORNUS QUALITY AND QUANT	657
ER CHESAPEAKE BAY ENHANCEMENT OF STRIPED BASS POPULATIO	POPULATION PARAMETERS ECOLOGY AND TAXONOMY OF M	275
KTION OF LOWER CHESAPEAKE BAY ENHANCEMENT OF STRIPED BASS	POPULATION POPULATION PARAMETERS ECOLOGY AND TA	275
ION ECOLOGY AND ECOSYSTEM ECOLOGY EFFECT OF PREPARATION ON	POPULATION REGULATION POPULAT	131
ODS VERTEBRATE ECOLOGY - EVOLUTIONARY PHYSIOLOGICAL AND	POPULATION RELATIONSHIPS ENVIRONMENTAL IMPACT OF	101
IRONMENTAL IMPACT STATEMENT PREPARATION PEREGRINE FALCON	POPULATION RESEARCH TURTLES AS INDICATORS OF ENV	754
ECOLOGY OF DISTURBED LANDS; FOREST AND WILDLIFE ECOLOGY	POPULATION STUDIES FOREST SMALL MAMMALS IMPACT O	662
AND DISTRIBUTION OF BLACK BEAM ANALOG STIMULATION IN FISH	POPULATION STUDIES MARINE FISHES OF VIRGINIA'S E	579
ACTUARIES ORNITHOLOGY IN NIAGARA FRONTIER REGIONAL BIRD	POPULATION STUDIES; CO-AUTHOR OF BIRDS OF THE NI	489
KEY ENVIRONMENTAL IMPACT OF ROWLESBURG DAM ON CHEAT RIVER	POPULATION STUDY OF FRESHWATER SNAIL VIVIPARUS G	673
SYSTEMATICS SYSTEMATICS AND ECOLOGY OF PSEUDOSCORPIONS	POPULATION STUDY OF THE PSEUDOSCORPTION PSEUDOSCO	508
DING ECOLOGY OF ANIMALS ENERGETICS OF ESTUARINE FLOUNDER	POPULATION SURVEY OF SEA BASS FISHERY POPULATION	234
ECOLOGY OF WARM WATER FISH IN NEW YORK RESPONSE OF FISH	POPULATION TO REDUCED LOADING OF LAKE PHOSPHORUS	277
S OF THE NIAGARA FRONTIER REGION WESTERN NY POSSIBLE JET	POPULATION TRYING TO KEEP OFF ROAD VEHICLES OUT	489
F 22 SPECIES OF FRESHWATER FISHES SEPARATION OF BLUEGILL	POPULATION WITH SEROLOGICAL METHODS FISH GENETI	574
FISH POPULATION ZOOPLANKTON (ICHTHYOPLANKTON)	POPULATION	672
L GENETICS ISOZYME POLYMORPHISM ENVIRONMENT INTERACTION	POPULATION MATHEMATICAL QUANTITATIVE AND STAT	617
WILDLIFE RESPONSE TO WASTEWATER IRRIGATION WILD ANIMAL	POPULATION-HABITAT RELATIONSHIPS ECOLOGICAL EFFE	797
MATHEMATICAL MODELING SOCIAL BEHAVIOR OF PEROMYSCUS BIRD	POPULATIONS	613
N IN NW PENNSYLVANIA FORESTS INGESTION RATES OF CHIPMUNK	POPULATIONS POPULATION BIOLOGY AND ECOLOGICAL E	276
NEST PREDATION ECOLOGY OF URBAN WILDLIFE URBAN WATERFOUL	POPULATIONS POPULATION DYNAMICS OF HEMOTHERMS	738
POPULATIONS EFFECTS OF HUNTING PRESSURE ON RUFFED GROUSE	POPULATIONS THE DEVELOPMENT AND IMPROVEMENT OF	493
N AQUATIC FOOD CHAINS THE EFFECT OF ZOOPLANKTON ON ALGAL	POPULATIONS THE INTERACTION OF NUTRIENTS ALGAE	558
ECOLOGY OF INSECT	POPULATIONS (ESPECIALLY OF FOREST INSECTS)	58
RECREATION & OUTDOOR EDUCATION COURSES RESEARCH IN BIRD	POPULATIONS - THESIS RESEARCH IN HERRING GULLS P	292
CTION AND USE TUNISIAN PRESANARAN PROJECT VERTEBRATE	POPULATIONS AND BEHAVIORAL ECOLOGY HABITAT SELE	253
BY CLIPPING THE EFFECTS OF HABITAT CHANGES ON WILDLIFE	POPULATIONS AND FOOD HABITS OF UNGULATES EFFECTS	303
MENT A KNOWLEDGE OF ANIMAL	POPULATIONS AND THEIR RELATIONSHIP TO THE ENVIRO	683
KTION IN STRATIFIED LAKES STRATIFICATION OF PHOTOPLANKTON	POPULATIONS CHLORINATION EFFECT OF PHOTOSYNTHESI	28
UGLAS FIB TO UREA FERTILIZATION DYNAMICS OF DOUGLAS-FIR	POPULATIONS DYNAMICS AND SIMULATED YIELD OF DOUG	490
DELAWARE RIVER BASIN PHYTOPLANKTON OF SUSQUEHANNA RIVER	POPULATIONS ECOLOGY SYSTEMATICS OF FRESH WATER A	627
DATA EFFECTS OF EARLY SEPTEMBER HUNTING ON GRAY SQUIRREL	POPULATIONS EFFECTS OF HUNTING PRESSURE ON RUFFE	493
GENETICS AND EVOLUTION OF NATURAL OR EXPERIMENTAL PLANT	POPULATIONS EVOLUTION OF SEX DETERMINING MECHANIS	656
RESEARCH SPECIALIST RESEARCH OF ZOOPLANKTON AND BENTHOS	POPULATIONS FISHERY RESEARCH (GENU) GRADUATE RES	663
IMALS STRUCTURE AND FUNCTION - FORESTS AND SMALL MAMMAL	POPULATIONS FORESTS OF PRINCE EDWARD CO. VIRGIN	251
AC PERCH, AND SMELT MANAGEMENT AND REPRODUCTION OF FISH	POPULATIONS FREEZING EFFECTS ON FISH SEMEN ATLA	280
NG DENSITY OF FORESTEIRD EFFECTS OF CLEARCUTTING ON BIRD	POPULATIONS HABITAT REQUIREMENTS OF RAVEN ECOLO	341
ASSERING NESTLINGS VERTEBRATE PHYSIOLOGICAL ECOLOGY AND	POPULATIONS HOUSE SPARROW ENERGETICS AND DISTRIB	65
LOGY (COLDWATER) SHORT TERM EFFECTS OF ACCOTIION ON FISH	POPULATIONS IN NORTHERN MAINE EFFECTS OF VARIOUS	73
ASTAL ISLANDS VERTEBRATE REMAINS IN INDIAN MIDDEN AVIAN	POPULATIONS IN OLD FIELD SUCCESSION MAMMALIAN S	758
ATIONSHIP OF VARIOUS COVER TYPES TO FISH POPULATION FISH	POPULATIONS IN SWAMP-STREAM ECOSYSTEMS SWAMP AN	713
SIS OF A LAKE CARP POPULATION BREEDING ECOLOGY OF RAPTOR	POPULATIONS IN UTAH POPULATION DYNAMICS HABITA	660
AND ECOLOGY ECOLOGICAL SURVEY OF TERRESTRIAL VERTEBRATE	POPULATIONS LIZARD ECOLOGY SQUIRREL COMPETITION	215
YZING LOBSTER YIELDS POPULATION DYNAMICS OF MARINE FISH	POPULATIONS MANAGEMENT OF NORTHWEST ATLANTIC HER	18
H IN BIRD POPULATIONS - THESIS RESEARCH IN HERRING GULLS	POPULATIONS MARINE SCIENCE LABORATORY FOR HIGH S	292
MAMMALS IN FORESTS EFFECT OF MAST PRODUCTION ON CHIPMUNK	POPULATIONS MAST PRODUCTION IN NW PENNSYLVANIA F	276
LOADING OF LAKE PHOSPHORUS POPULATION DYNAMICS OF FISH	POPULATIONS RESPONSE OF FISH TO POLLUTION CONTRO	277
APGASSUM COMMUNITY ENERGETICS OF MARINE COMMUNITIES AND	POPULATIONS SEWAGE SLUDGE EFFECTS ON NEW YORK BI	661
E IN CYPRESS-GUM SWAMP EFFECTS OF CHANNELIZATION ON FISH	POPULATIONS THE RELATIONSHIP OF VARIOUS COVER TY	713
TIONS EVAPORATIVE COOLING OF HORT. CROPS VEGETABLE PLANT	POPULATIONS THERMAL WASTE IN HEATING THE SOIL F	609
L VERT. ECOLOGY AND CYTOGENETICS WITH EMPHASIS ON MAMMAL	POPULATIONS VERTEBRATE WATERSHED SURVEY CYTOGENE	78
PESTS OF RICE IN PUJI MORTALITY AND DISPERSAL OF INSECT	POPULATIONS WITHIN AGRICULTURAL OR FOREST ECOSYS	334
EVALUATION; PLANT COMMUNITY; STRUCTURE DIVERSITY PLANT	POPULATIONS SUCCESSION CONSULTANT & EMPLOYEE -	543
DELINEATION OF ZOOPLANKTON	POPULATIONS. MID-ATLANTIC BIGHT REGION	470
ROYAL BOTANICAL GARDEN GRAZING PRESSURE EFFECTS ON PLANT	POPULATIONS; ENVIRONMENTAL LAW GRAZING PRESSURE	611
INAGE AND INORGANIC) GEOLOGIC FACTORS AFFECTING SOLUTION	POPULATIONS POSOSITY OF KARST AQUIFERS KARST AND CAVE HYDRO	573
ND PORPHYRINS (SPECIFIC) THE ELECTROMAGNETIC ACTIVITY OF	POPULATIONS PORPHIN DERIVATIVES KINETIC & THERMOCHEM. STUDIE	5
ANALYTICAL CHEMISTRY OXIDATION - REDUCTION OF	POPULATIONS PORPHINS WATER ANALYSIS	410
OF PORPHIN DERIVATIVES KINETIC & THERMOCHEM. STUDIES OF	POPULATIONS PORPHYRIN REAX MODEL STUDIES IN ORGANIC SEMICOND	5
STUDIES IN ORGANIC SEMICONDUCTION & PHOTO-CONVERSION WITH	POPULATIONS PORPHYRINIC STRUCTURES BIOPHYSICAL CHEMISTRY P	5
CHEMISTRY PARTICULARLY CHEMICAL REACTIVITY (GENERAL) AND	POPULATIONS PORPHYRINS (SPECIFIC) THE ELECTROMAGNETIC ACTIVI	5
S & POLLUTANTS WATER QUALITY PROTECTION & SUPPLY PROGRAM	POPULATIONS PORT ROYAL ESTUARINE STUDY LAKE SEBASTIAKOOK EUTR	393
THAMPTON CO. VIRGINIA EVALUATION OF NATURAL VALUES OF A	POPULATIONS PORTION OF SEASHORE STATE PARK VIRGINIA VEGETAT	310
C ALGAL AND PATE OF CELLULOSE IN LACUSTRINE ENVIRONMENTS	POPULATIONS POSTDOCTORAL RESEARCH ASSOCIATE CONSULTANT OF MI	577
E JET POPULATION TRYING TO KEEP OFF ROAD VEHICLES OUT OF	POPULATIONS POSTED & WILDLIFE AREAS SETTING ASIDE AREAS AS W	489
EMATIC STUDIES ON KILLIFISHES BIOLOGICAL SURVEY OF LOWER	POPULATIONS POTOMAC RIVER ECOLOGY BEHAVIOR AND EVOLUTION	233
ANA RIVER PA FIS MAINTENANCE DREDGING ST. CATHERINE SE	POPULATIONS POTOMCC RIVER MD MARINE FISHERIES BIOLOGY; AGE	48
IDS TO ESTUR. COPEPODS SCREENING OF SAT. HYDROCARBON AS	POPULATIONS POULTRY MITICIDES EVALUATION OF ANTIMALARIAL COM	394
NG GLASS WORKS EFFECTS OF GLASS PLANT EFFLUENTS ALLEGANY	POPULATIONS POWER COMPANY EFFECTS OF PUMP STORAGE POPULATIO	619
Y (FRESH WATER) ENVIRONMENTAL IMPACT STATEMENT - NUCLEAR	POPULATIONS POWER DIATOM COMMUNITY ANALYSES - CEDAR BOG THE	347
IRONMENTAL IMPACT ASSESSMENT ESPECIALLY IN THE FIELD OF	POPULATIONS POWER GENERATION EFFECT OF THERMAL DISCHARGE ON	287
ION OF SEWAGE TREATMENT PLANTS ECOLOGICAL ASSESSMENT OF	POPULATIONS POWER PLANT OIL SPILL IMPACT STUDY COMPUTERIZA	153
ION DEPART E.I.S. FOR HIGHWAY WILDLIFE BASELINE DATA FOR	POPULATIONS POWER PLANT TERRESTRIAL AND WETLAND ECOLOGY WIT	575
PREDICTIVE MODELING AND MONITORING OF A BAY EFFECTS OF	POPULATIONS POWER PLANT CONDENSER PASSAGE BASELINE INVENTORY	21
BENTHIC COMMUNITIES SURVEY OF MONTSWEG BAY RE: NUCLEAR	POPULATIONS POWER PLANT CONTROLLED EROSION IN MONTSWEG BAY	181

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

NG ENVIRONMENTAL IMPACTS IN ESTUARIES AND COASTAL WATEES	POWER PLANT ECOLOGY - HUDSON RIVER NEW YORK POW	729
STAL WATERS POWER PLANT ECOLOGY - HUDSON RIVER NEW YORK	POWER PLANT ECOLOGY - NEW HAVEN HARBOR CONN. EN	729
UGH OCA POGNAX POPULATION ENVIRONMENTAL REPORT - NUCLEAR	POWER PLANT ENERGY FLOW THROUGH UCA PUGNAX POPUL	635
ANTS EFFECTS OF OXIDANT AIR POLLUTANTS HEALTH EFFECTS OF	POWER PLANT IN EDMONTON ALBERTA TOXICOLOGICAL	261
ACTIONS IN PONDS CONSULTATION: ANALYZE IMPACT OF NUCLEAR	POWER PLANT RESEARCH: POPULATION DYNAMICS OF Y.	353
ECOLOGY OF MAMMALS IN ARCTIC AND COLD CONDITIONS NUCLEAR	POWER PLANT SITE TERRESTRIAL IMPACT SURVEY REVIE	327
OPERATION OF NUCLEAR POWER PLANTS ECOLOGICAL SURVEYS OF	POWER PLANT SITES ENVIRONMENTAL ENGINEERING SIT	693
ON CONTROL ADVISORY BOARD EPA CONNECTICUT YANKEE ATOMIC	POWER PLANT BIOLOGICAL STUDY DIRECTOR SYSTEMAT	112
ARE EFFECTED BY POLLUTION ECOLOGICAL EFFECTS OF NUCLEAR	POWER PLANTS ECOLOGICAL ASSESSMENT OF LIQUID NAT	511
ENVIRONMENTAL ENGINEERING SITING AND OPERATION OF NUCLEAR	POWER PLANTS ECOLOGICAL SURVEYS OF POWER PLANT S	693
PLFACIG ZOOPLANKTON ENVIRONMENTAL EVALUATION OF NUCLEAR	POWER PLANTS FEEDING HABITS OF PINK AND CHUM SAL	392
E WOOD RECYCLING ADVICE TO AN ALUMINUM PRODCCER COSTS OF	POWER POLLUTION CONTROL AIR NOISE AND RELATED	434
SYSTEMS LAKE ONTARIO ECOLOGICAL STUDY OF THREE POSSIBIP	POWER SITES PLANT EFFECT OF POLLUTION ON BENTHI	381
OF DEEP MINE COAL WASTES FOREST GROWTH NPAR COAL-BURNING	POWER STATION DYNAMICS OF FOREST ECOSYSTEMS POL	354
BIOSURVEY OF THE SAN FRANCISCO VALLEY N.M. WESTERN N.M.	POWERLINE ROUTE IMPACT TUCSON GAS & ELECTRIC ST	345
BETWEEN ENV. VARIABLES AND MIGRATION POTENTIAL EFFECT OF	POWERPLANT ON NARRA. EAY ASSESSMENT OF ENVIRONM	556
TAL - NON-TOXIC FUNGI AND MILDEW RESISTANT - WATER BASED	POWIES SPECIALIZED ENVIRONMENTAL COATINGS FOR S	479
GRASSLANDS POPUIATION DYNAMICS OF RAPTORS IN SHORTGRASS	PRAIRIE AVIAN ECOLOGY & MAMMALIAN AND COMPARATI	523
ENVIRONMENTS FOR TEACHING EXPERIENCES BURNING TO PROMOTE	PRAIRIE PLANT SPECIES PLANTINGS FOR SCHOOL SITES	121
ALGAL ASSAY EVALUATION WATER QUALITY EVALUATION	PRE-IMPOUNDMENT STUDIES THERMAL EFFECTS STUDIES	760
ABILITATION BASIC RESEARCH ON ACID SPOILS IN SOUTH ILL.	PRE-PLANNING POP TOTAL LAND UTILIZATION LAND STA	529
L AND GENERAL ALL AGE LEVELS MULTI. MEDIA PRESENTATIONS	PRECIOUS METALS RECLAMATION - POLLUTION CONTROL	525
ELATIONS REGNPERATION FOLLOWING CUTTING IN MIXED OAK NET	PRECIPITATION IN MIXED OAY STANDS PATTERNS OF SO	81
N PHILOSOPHY AND DEVELOP. OF ENV. ECO. CENTER FERRAL CAT	PREDATION & POPULATION DYNAMICS WILDLIFE ECOLOG	379
INE ANIMALS EFFECTS OF A PANAMA SEA-LEVEL CANAL STAFFISH	PREDATION AND ITS EFFECT ON CORAL REEFS CARIBBEA	557
HERMS ESPECIALLY GAME SPECIES ECOLOGY OF WATERFOWL NEST	PREDATION ECOLOGY OF URBAN WILDLIFE URBAN WATER	738
ECOLOGY ESPECIALLY ANIMAL BEHAVIOR POPULATION BIOLOGY	PREDATION IMPACT EVALUATION IMPACT EVALUATION OF	225
OUS STOCKING RATES IN PONDS ON BK. TROUT FISHING QUALITY	PREDATION ON NEWLY STOCKED LANDLOCKED SALMON AP	73
POPULATION ECOLOGY AND ECOSYSTEM ECOLOGY EFFECT OF	PREDATION ON POPULATION REGULATION	131
LAKES ACCEL. EUTROPHICATION THRESHOLDS ACHIEVING STABLE	PREDATOR - PREY INTERACTIONS TERTIARY EFFLUENT M	437
S PERTAINING TO SPORT FISHERY DIGESTION IN BLACK CRAPIE	PREDATOR FISH INTRODUCTIONS IN RESERVOIRS FISHE	61
VE VERTEBRATE ETHOLOGY-ALL VERTEBRATE CLASSES-FSP. MAMM.	PREDATORY BEHAVIOR COMPARATI	110
ENVIRONMENTAL INTERPRETATIONS CLIMATOLOGICAL MAPPING AND	PREDICTION PLANKTONIC FORAMINIFERAL ECOLOGY AND	355
AND METEOROLOGY ACOUSTICS PLANNING ENVIRONMENTAL IMPACT	PREDICTION FACILITY WAVE PREDICTION FOR SHORFLIN	559
S PLANNING ENVIRONMENTAL IMPACT PREDICTION FACILITY WAVE	PREDICTION FOR SHORELINE CONSTRUCTION OCEANOGRA	559
TIC SYSTEMS BOTH BIOLOGICAL AND PHYSICAL EUTROPHICATION	PREDICTION STREAM ENERGY BUDGETS MATHEMATICAL A	342
QUATIC HABITATS THEIR INHABITANTS AND THEIR MANAGEMENT	PREDICTIVE MODELING AND MONITORING OF A BAY EFEE	21
RAPHIC STORY THE USE OF DYE DIFFUSION SURVEY IN THERMAL	PREDICTIVE STUDIES ECOLOGICAL STUDIES CONNECTICU	689
AL ASPECTS OF THERMAL AND CHEMICAL POLLUTION TEMPRATURE	PREFERENCES AND AVOIDANCES OF FISHES RESPONSES O	476
ENCES RELATED TO VETERINARY MEDICINE EVALUATION OF HUMAN	PREGNANCY TEST IN BITCHES SEPARATION OF THROMBOC	752
AT AFFECTED BY SOCIAL FACTORS EVALUATION OF PROGRAMS FOR	PREGNANT TEENAGERS STUDY OF EFFECTS OF ILLEGAL A	352
VEER ECOLOGICAL PROJECT STUDY	PREHISTORIC HUMAN ECOLOGY OF US DESERTS PEPPE RI	723
ESHWATER FISHES SURVEY RAPE ENDANGERRED FISHES S.E. U.S.	PREIMPOUNDMENT SURV. PUMP STORAGE PROJECT ICHTH	369
SPAIN BIOGEOGRAPHY HERPETOFAUNA, MOCROCCO LIZARD ECOLOGY	PRESAHARAN ECOSYSTEM IN SOUTHERN TUNISIA BIOGEOG	97
D BEHAVIORAL ECOLOGY HABITAT SELECTION AND USE TUNISIAN	PRESAHARAN PROJECT VERTEBRATE POPULATIONS AN	253
INATION FOREST WILDLIFE MANAGEMENT - INVENTORY HABITAT	PRESERVE MANAGEMENT TO ACHIEVE OBJECTIVES WHITE	626
FOREST SOIL EFFECT OF FERTILIZER ON SOIL FAUNA EFFECT OF	PRESERVED FIRE ON SOIL FAUNA VERTICAL MIGRATION	480
ECOLOGICAL EFFECTS OF CLEARCUTTING ECOLOGICAL EFFECTS OF	PRESERVED FIRE WILDLIFE RESPONSE TO WASTEWATER	797
RESOURCE ALLOCATION PROCEDURE WILLIAMSBURG ENVIRONMENTAL	PRESRIPTIONS RECREATIONAL COMMUNITY ENVIRONMENT	255
TION IN WILD TURKEYS ALLGHENY RIVER PROJECT WILD TURKEY	PRESASON HANDING ORNITHOLOGY AT THE ORGANISMIC	285
BOTH TECHNICAL AND GENERAL ALL AGE LEVELS MULTI. MEDIA	PRESERVATIONS PRECIUS METALS RECLAMATION - POLL	525
TY AND FOOD PRESERVATION REVERSIBLE COMPRESSION OF FOOD	PRESERVATION OF FOOD WITHOUT REFRIGERATION PRESZ	79
FIELD AND CONTAINER CROP PRODUCTION PLANT WATER STUDIES	PRESERVATION OF PLANT WATER WITH ANTI-TRANSPIRAN	179
CONN. TIDAL MARSHES STATE OF CONNECTICOT TIDAL WETLANDS	PRESERVATION PROGRAM CONSULTANT BIOLOGISTS NEOT	424
REFRIGERATION FREEZE DRYING FOOD WATER ACTIVITY AND ECOD	PRESERVATION REVERSIBLE COMPRESSION OF FOOD PRE	79
ELATION TO ECOLOGICAL STABILITY - ECOSYSTEM MANAGEMENT &	PRESERVATION WATERSHED MANAGEMENT IN RELATION TO	374
LOGY; SCIENCE ADMINISTRATION; SCIENTIFIC WRITING MEMBER	PRESIDENT'S WATER POLLUTION CONTROL ADVISORY BOA	112
AL ECOLOGY PLANT-WATER RELATIONS ENVIRONMENTAL IMPACTS	PRESQUE ISLE BEACH EROSION ENVIRONMENTAL IMPACTS	585
DE ORES THE MICROBIOLOGY & MANGANESE NODULES HYDROSTATIC	PRESSURE EFFECTS ON MARINE BACTERIA ACTIVITIES	203
EFFECTS ON PLANT POPULATIONS; ENVIRONMENTAL LAW GRAZING	PRESSURE EFFECTS ON PINE SEEDLING GROWTH SURVEY	611
URVEY OF UNIVERSITY OF GEORGIA BOTANICAL GARDEN GRAZING	PRESSURE EFFECTS ON PLANT POPULATIONS; ENVIRONME	611
HUNTING ON GRAY SQUIRREL POPULATIONS EFFECTS OF HUNTING	PRESSURE ON RUFFED GROUSE POPULATIONS THE DEVEL	493
E TO COLD EFFECTS OF ENVIRONMENTAL STRESS (TEMPERATURE	PRESSURE ETC.) ON THE NORMAL AND DISEASED ANIMA	238
GOSPERM PHYSIOLOGICAL ECOLOGY AFRIAL SDEVEILLANCE SPILL	PREVENTION APPL. OF ERIS-1 TO FISHERY RESOURCE M	458
FORMATION SYSTEMS AND SERVICES; MATERIALS DETERIORATION	PREVENTION INFORMATION SYSTEMS DESIGN CANCER RES	774
L. EUTROPHICATION THRESHOLDS ACHIEVING STABLE PREDATOR -	PREY INTERACTIONS TERTIARY EFFLUENT MODIFICATION	437
AVIOR ACOUSTIC RECEPTION AND ORIENTATION OF LARGE SHAEKS	PREY SELECTION BEHAVIOR OF MARINE SNAILS BEHAVIO	799
RCE MANAGEMENT TRANSFORMATION OF PASTORAL MASAI IN KENYA	PRICING IN WATER RESOURCE MANAGEMENT ECONOMICS	175
INOLOGY THERMAL-ACID DRAINAGE SEWAGE INTERACTIONS ON	PRIM PROD TACONITE DUMPING LAKE SUPERIOR ECOLOGI	387
ND ENVIRONMENTAL INTERDEPENDENCE TREATMENT OF ADOLESCENT	PRIMARY BEHAVIOR DISORDERS WORKSHOP COMMUNITY CE	120
NTROL RAW WATER CLARIFICATION AND INDUSTRIAL PROCESSING	PRIMARY COAGULANTS FOR RAW WATER CLARIFICATION F	794
MENTAL MANAGEMENT DEVELOPING ENVIRONMENTAL EDUCATION FOR	PRIMARY GRADES EFFECTS OF PARASITES ON SHARPTAIL	67
TION AND PRODUCTIVITY OF BENTHIC INFAUNA AND PLANKTONIC	PRIMARY PRODUCTION AND MINERAL CYCLING COMF POIN	300
AQUATIC MICROBIOLOGY	PRIMARY PRODUCTIVITY	243
NT ECOLOGY AND PRIMARY PRODUCTIVITY; RESOURCE MANAGEMENT	PRIMARY PRODUCTIVITY IN SALT MARSHES SALT MARSH	104
E THERMAL EFFECT ON ALGAE PRODUCTIVITY - FLORIDA STATES	PRIMARY PRODUCTIVITY IN THE MARINE ENVIRONMENT P	805
THERMAL EFFECT ON ALGAE PRODUCTIVITY - FLORIDA STRAITS	PRIMARY PRODUCTIVITY IN THE MARINE ENVIRONMENT P	806
TRATIFICATION AND TRANSPARENCY IN AFRICAN LAKES AQUATIC	PRIMARY PRODUCTIVITY IN TROPICAL LAKES MEASUREMENT	475
PRODUCTIVITY IN SALT MARSHES SALT MARSH SEED GERMINATION	PRIMARY PRODUCTIVITY OF ASPEN FOREST PLANT ECOL	144
CNY OF THE MELANTHODAE SYSTEMATIC STUDIES OF DESMODIUM	PRIMARY PRODUCTIVITY OF EELGRASS COMMUNITY COMP	13
FOREST RESOURCES SCIENCES AND ENVIRONMENTAL MANAGEMENT	PRIMARY PRODUCTIVITY ANNUAL AND SEASONAL LOBLO	571
PRIMARY PRODUCTIVITY OF ASPEN FOREST PLANT ECOLOGY AND	PRIMARY PRODUCTIVITY; RESOURCE MANAGEMENT PRIMA	144
NTION - FORESTS AND SMALL MAMMAL POPULATIONS FORESTS OF	PRINCE EDWARD CO. VIRGINIA POPULATION DYNAMICS	251
IOLOGY THERMAL-ACID DRAINAGE SWRAGE INTERACTIONS ON PRIM	PROD TACONITE DUMPING LAKE SUPERIOR ECOLOGICAL W	387
CONTROL FROM WASTE WOOD RECYCLING ADVICE TO AN ALUMINUM	PRODUCER COSTS OF POWER POLLUTION CONTROL AIR	434

TABLE 3 - RESEARCH OR CONSULTATION PROJECTS AND BUDGET

ATION; LAND RECLAMATION; MARSH BUILDING STABILIZATION AND AQUATIC MICROBIOLOGY PRIMARY	PRODUCTIVE USE OF DEBRIDGE SPOIL RECLAMATION AND S	801
CP POWER GENERATION EFFECT OF THERMAL DISCHARGE IN ALGAL	PRODUCTIVITY ENVIRONMENTAL IMPACT ASSESSMENT E	243
POLLUTION TOOL EFFECT OF OIL ON MARINE BIOTA SALT MARSH	PRODUCTIVITY & PLANT EXPORT POLLUTION OF COASTA	287
ENT PRODUCTIVITY - GULF OF MAINE THERMAL EFFECT ON ALGAL	PRODUCTIVITY - FLORIDA STRAITS PRIMARY PRODUCTIV	504
ENT PRODUCTIVITY - GULF OF MAINE THERMAL EFFECT ON ALGAL	PRODUCTIVITY - FLORIDA STRAITS PRIMARY PRODUCTI	805
A STATES PRIMARY PRODUCTIVITY IN THE MARINE ENVIRONMENT	PRODUCTIVITY - GULF OF MAINE THERMAL EFFECT ON A	806
RY PRODUCTIVITY ANNUAL AND SEASONAL LOBLOLLY PINE WIT	PRODUCTIVITY - GULF OF MAINE THERMAL EFFECT ON A	806
NG OF COPEPODS IN CHESAPEAKE BAY SECONDARY	PRODUCTIVITY - SOIL FACTORS WATERSHED NUTRIENT B	571
TROUT CHROMOSOME MORPHOLOGY INCREASE FISH AND WILDLIFE	PRODUCTIVITY ESPECIALLY CRUSTACEAN FEEDING FEEDI	701
FOR DATA BANKS CORRELATION BETWEEN SOILS AND POTENTIAL	PRODUCTIVITY FOR RECREATION PURPOSES DUR 24 TRAP	777
NE COMMUNITIES DINOFAGELLATE LUMINESCENCE ANALYSIS OF	PRODUCTIVITY FOR WOODLANDS AND RELATED USES GATH	427
N COOK INLET ALASKA VITAMINS IN AQUATIC SYSTEMS ADULT	PRODUCTIVITY FRESH WATER ALSO REMOTE SENSING SHA	390
S TOXINS SHELLFISH TOXICITY IN ALASKAN WATERS BIOLOGICAL	PRODUCTIVITY GROWTH FACTORS VITAMINS TOXINS SHEL	507
GY AND PRIMARY PRODUCTIVITY; RESOURCE MANAGEMENT PRIMARY	PRODUCTIVITY IN COOK INLET ALASKA VITAMINS IN AQ	507
L EFFECT ON ALGAE PRODUCTIVITY - FLORIDA STRAITS PRIMARY	PRODUCTIVITY IN SALT MARSHES SALT MARSH SEED GER	144
EFFECT ON ALGAE PRODUCTIVITY - FLORIDA STRAITS PRIMARY	PRODUCTIVITY IN THE MARINE ENVIRONMENT PRODUCTIV	805
ATION AND TRANSPARENCY IN AFRICAN LAKES AQUATIC PRIMARY	PRODUCTIVITY IN THE MARINE ENVIRONMENT PRODUCTIV	806
AL STABILITY OF NORTH CAROLINA BARRIER ISLANDS SECONDARY	PRODUCTIVITY IN TROPICAL LAKES MEASUREMENT AND	475
VITY IN SALT MARSHES SALT MARSH SEED GERMINATION PRIMARY	PRODUCTIVITY OF A MANGROVE SWAMP COMPARISON OF E	521
STUARINE ONE DEGREE PRODUCTION STRUCTURE FUNCTION AND	PRODUCTIVITY OF ASPEN FOREST PLANT ECOLOGY AND	144
HE MELANTHIOIDEAE SYSTEMATIC STUDIES OF DESMODIUM PRIMARY	PRODUCTIVITY OF BENTHIC INFAUNA AND PLANKTONIC P	300
ANGROVE SWAMP COMPARISON OF ESTUARINE MARSHES SECONDARY	PRODUCTIVITY OF EELGRASS COMMUNITY COMPARATIVE	13
ENSIVE REVIEW OF RESEARCH - PLANT BREEDING AGRICULTURAL	PRODUCTIVITY OF ESTUARINE AND COASTAL ECOSYSTEMS	521
ND REPOSE BANKS CROP ECOLOGY AND PHYSIOLOGY ECOSYSTEMS	PRODUCTIVITY OF SUBARCTIC ALASKA TASK FORCE ON S	338
SENSING SHALLOW MARINE AUTOMATED ANALYSIS OF FRESH WATER	PRODUCTIVITY RECYCLING OF NUTRIENTS ENERGY FLOW	474
OLEMS - PUBLIC SERVICE AQUATIC ECOLOGY SPECIALIZING IN	PRODUCTIVITY REMOTE SENSING SHALLOW MARINE COMMU	390
RESOURCES SCIENCES AND ENVIRONMENTAL MANAGEMENT PRIMARY	PRODUCTIVITY STUDIES LIMNOLOGICAL SURVEY OF THE	495
A SEDIMENTS OF DELMARVA INTRACOASTAL WATERWAY	PRODUCTIVITY ANNUAL AND SEASONAL LOBLOLLY PINE	571
TO THE AQUATIC ENVIRONMENT REMOTE SENSING OF THE OCEAN	PRODUCTIVITY LAKE SEDIMENTS ACID MINE POLLUTIO	177
PRODUCTIVITY OF ASPEN FOREST PLANT ECOLOGY AND PRIMARY	PRODUCTIVITY POLLUTION LIGHT PENETRATION IN SEA	132
TED METHODS BEST CONTROL & VEGETATIVE MANAGEMENT FOREST	PRODUCTIVITY; RESOURCE MANAGEMENT PRIMARY PRODUC	144
ATER FISHES MARINE CAREERFS OCEAN SCIENCE WORKSHOP MARINE	PRODUCTIVITY; VEGETATION MANAGEMENT; PLANT GEOGR	186
ZYME ANTIBIOTICS MICROBIAL GROWTH AND FERMENTATIONS AND	PRODUCTS MARINE AND FRESH W	269
INHABITING INSECTS ECOLOGY OF FOREST TREE AND FOREST	PRODUCTS FORMED DENTAL CAVITIES AND PERIODONTAL	753
GRAM - ENVIRONMENTAL TECHNOLOGISTS THE STUDY OF NATURAL	PRODUCTS INSECTS PHEROMONE PRODUCTION BY SMALLER	647
IRGINIAMYCIN TISSUE RESIDUES & TOXICOLOGY OF VETERINARY	PRODUCTS OF BIOMEDICAL SIGNIFICANCE BRANACLE - C	431
C BIOSYNTHESIS PIGMENTS OF CENTROSPERMAL PLANTS NATURAL	PRODUCTS BIOCHEMISTRY DRUG METABOLISM RESIDUES	185
F U.S. FOREST SERVICE; 10 YEAR ASSISTANT CHIEF; 41 YEARS	PRODUCTS PHYTOCHEMISTRY ORGANIC COMPOUNDS IN A	417
N AMERICA TREE IDENTIFICATION FOREST SURVEY NE NICARAGUA	PROFESSIONAL EXPERIENCE CONSULTANT FORESTRY AND	135
RESS IN HARDWOOD TREES SNOWMELT IN HARDWOOD FORESTS WIND	PROFESSIONAL TREE IDENTIFICATION TERRIALRA COST	438
INTRULET NA AND K UPTAKE IN PLANTS DEVEL. POLIAR ANALYSIS	PROFILERS OVER FORESTS' FOREST METEOROLOGY ESPEC	214
MANAGEMENT ADMINISTERING FISHERY RESEARCH AND MANAGEMENT	PROG. FOR FLORISTS' CROPS PLANT NUTRITION INCL	510
TANFORD HARBOR, CONN. DEVELOPMENT OF ESTUARINE RESEARCH	PROGRAMS DIRECTING ALLSTATE FRESHWATER RESEARCH	29
RICULTURE DEV. NIGER COOPERATIVE DEVELOPMENT OF OPTIMAL	PROGRAMS EMPHASIZING COMMUNITY STRUCTURE AND DYN	174
POPULATIONS; AT AFFECTED BY SOCIAL FACTORS EVALUATION OF	PROGRAMS FOR BOTH PEOPLE AND ENVIRONMENTS NATION	142
DEVELOPING AND CARRYING OUT EXTENSIV	PROGRAMS FOR PREGNANT TEENAGERS STUDY OF EFFECTS	352
MANAGEMENT OF FARM WILDLIFE-ADMINISTRATION CONSERVATION	PROGRAMS IN WILDLIFE AND RELATED SUBJECTS	11
MANAGEMENT OF DEPARTMENT OF ARMY PEST MANAGEMENT	PROGRAMS MANAGEMENT OF WILDLIFE ON 3000 ACRE FAR	433
ADMIN. OF RESEARCH AND OTHER	PROGRAMS PESTICIDE CATEGORIZATION	602
S POLICY FORESTRY CONSULTANT ADMINISTRATION OF FORESTRY	PROGRAM YEAH IN CLOSED FOOD CYCLES	124
HABITAT TECHNIQUES MANUAL FEDERAL-AID WILDLIFE RESEARCH	PROGRAM 10 YEARS CHIEF OF U.S. FOREST SERVICE;	135
TNED COAL ENVIRONMENTAL IMPACT STATEMENTS OF VARIOUS	WATERSHED WATERSHED AND WETLANDS ECOLOGY AND MAN	224
EV. SEVERAL HUNDRED UNITS ENVIRONMENTAL IMPACT OF QUIN	WATERSHED ENVIRONMENTAL IMPACT STATEMENT ON HYDRO	372
- WILDLIFE RESOURCES THE TERRESTRIAL FAUNA OF THREE LAK	WATERSHED TO THE WATERSHED ON FAST MEDITERRA	252
AY AND TRIBUTARIES EVALUATING EFFECTS OF WATER RESOURC	WATERSHED NA. VITAMINS IN AQUATIC ANALYZE SYSTEM	169
WATER LEVELS STDDY IMPACT ASSESSMENT OF WATER RESOURC	WATERSHED ON DEBR AND WILDLIFE RESOURCES ALCOVY R	522
MENTAL IMPACT STATEMENT DEVELOPMENT ARMY CORPS WATERWAY	WATERSHED FISH AND WILDLIFE SABINE RIVER DIVER	625
D MANAGEMENT REPORTING ON THE EFFECTS OF WATER RESOURC	WATERSHED FISH AND WILDLIFE ENVIRONMENTAL EDUCATION	270
RADIOGRAPHY TECHNIQUES AND APPLICATIONS CONTROL OF CELL	WATERSHED FISH AND WILDLIFE WILDLIFE POND MANAGEMENT	96
SCHOOL ENVIRONMENTS FOR TEACHING EXPERIENCES OPENING	WATERLITERATION IN MAMMALIAN CELLS CAMP AND SECRET	451
SKIN EFFECT OF CARCINOGENS ON MOUSE SKIN CHROMATIN STR	WATERLITERATION PLANT SPECIES PLANTINGS FOR SCHO	121
CTS STATEMENT RESEARCH STUDY PROPOSAL CHLORINATION STU	WATERLITERATION OF ANHRAZIN IN MOUSE SKIN ORGANIC S	632
TIONSHIPS ENVIRONMENTAL IMPACTS STATEMENT RESEARCH STUDY	PROPOSAL CHEMICAL-PHYICAL ASPECTS OF AQUATIC S	117
STABILIZATION FOREDUNE CONSTRUCTION VEGETATIVE SNOOPINE	PROPOSAL CHLORINATION STUDY PROPOSAL CHEMICAL-P	117
N CHARACTER OF NATURAL WATERS & POLLUTANT WATER QUALITY	PROTECTION VEGETATIVE FOREDUNE CONSTRUCTION AND	800
BASTICOOK EUTROPHICATION WATER QUALITY AND WATER CHEM	PROTECTION & SUPPLY PROGRAM PORT RYAL ESTUARINE	393
METHODS FOR WATER DUAL MONITOR DESIGN NAVY ENVIRONMENTA	PROTECTION CHARACTER OF NATURAL WATERS & POLLITA	393
Y ENVIRONMENTAL MANAGEMENT ENERGY COST AND ENVIRONMENTA	PROTECTION DATA BASE BEAVER RIVER MODELING PROJE	50
TECTION VEGETATIVE FOREDUNE CONSTRUCTION AND SNOOPINE	PROTECTION ENVIRONMENTAL SYSTEMS ANALYSIS COMMON	745
S MACROINVERTEBRATES AND TROPHIC LEVELS HAPTEREPES FISH	PROTECTION SNOOPINE STABILIZATION FOREDUNE CONSTRUCT	800
DESIGN AND CONSTRUCTION OF ANADROMOUS FISH PASSAGE	PROTECTION STUDY SCHUYLKILL RIVER ECOLOGICAL STU	183
IES OF PLANT PROTEINS USING ELECTROPHORESIS AND GRAVIMET	PROTECTIVE FACILITIES ENGINEERING ADVISOR TO TEC	587
IMENTS MARINE SEDIMENTARY MICROBIOLOGY AND TOXICOLOGY	PROTEIN COMPARISON OF ACER SEEDS COMPARISON OF P	133
BIOCHEM. & PHYSIOL. OF MUSCLE PROTEINS MUSCLE	PROTEIN SYNTHESIS INHIBITION BY POLLUTANTS ORGAN	435
UTION MONITORING WITH PLANTS INFLUENCE OF OZONE ON PLANT	PROTEIN AND RNA EFFECT OF ETHYLENE ON FLOWER PI	180
VIRONMENTAL BIOCHEMISTRY - HEAVY METAL INTERACTIONS WITH	PROTEIN: CHLORINATED ORGANICS FROM WASTEWATER DI	155
BIOCHEM. & PHYSIOL. OF MUSCLE	PROTEIN: MUSCLE PROTEINS	161
SEROLOGY PROTEIN COMPARISON OF ACEP SEEDS COMPARISON OF	PROTEIN: MUSCLE PROTEINS	160
DS COMPARISON OF PROTEINS OF JULIANS SEEDS COMPARISON OF	PROTEIN: MUSCLE SEEDS COMPARISON OF PROTEINS	133
TEINS OF LYCOPODIUM SPORES COMPARATIVE ANALYSIS OF	PROTEIN: MUSCLE SPORES COMPARATIVE STUDI	133
IER ORGANIC MATTER IN SEA WATER COMPARISON OF	PROTEIN: MUSCLE WATER AND TRAC ELEMENTS IN N	751
PHYSIOLOGY AND PATHOBIOLOGY OF MICROORGANISMS IN FRESH	PROTEIN: MUSCLE WATER	556
RGROUND WATER PROTOZOA TEMPERATURE EFFECTS ON	PROTEIN: MUSCLE PHYSIOLOGY OF UNDERGROUND W	256

ARL 2 - RESEARCH OF CONSULTATION EXPERIENCES AND DATA IN FIELD

OF JELLYFISH MUSCLE CONTRACTION CELL BIOLOGY OF PASSIVE	607
OF PROTOZOA TAXONOMY & PHYSIOLOGY OF UNDERGROUND WATER	608
A PHYSIOLOGY OF UNDERGROUND WATER PROTOZOA CAVERNICOLOUS	609
VIEW & NEW STUDIES IN HAMMOTH CAVE KY UNDERGROUND WATER	610
BIOLOGICAL INFORMATION SYSTEMS RECOVERY OF DAMAGED RIVERS	611
TERRIC AGENT BIOTECHNICIAN TRAINING MODULES DEVELOPMENT	612
BIOLOGY REASURES OF ENVIRONMENT AND FISH THEMSELVES TO	613
FIGURES SIBEBAN BREEDING & CULTURE PLANT BREEDING	614
ALOSMA RESERVE IN ARIZONA POPULATION DYNAMICS OF ALOSA	615
ARIZONA POPULATION DYNAMICS OF ALOSA PSEUDOHARENGUS ALOSA	616
AND ECOLOGY OF PSEUDOSCORPIONS POPULATION STUDY OF THE	617
PSEUDOSCORPIONS POPULATION STUDY OF THE PSEUDOSCORPION	618
PSEUDOSCORPION SYSTEMATICS SYSTEMATICS AND ECOLOGY OF	619
AND WATER MOVEMENT AERIAL PHOTOGRAPHIC STUDY OF MONTAUK	620
VALVE COMMUNITIES EFFECTS OF CREEK FISH TACCONITE TAT	621
FISH IN THE JAMES RIVER, VIRGINIA	622
OF FRESHWATER FISHERIES NORTHEAST VA. FISHERIES SURVEY	623
WT. FRESHWATER WETLAND ECOLOGY AND MANAGEMENT MODEL FOR	624
WESTA RESERVOIRS CONSULTANT - WATER POLLUTION PROBLEMS -	625
PINE ECOLOGICAL STUDY SCRYGHELL RIVER ECOLOGICAL SURVEY	626
R WATER AND LAND QUALITY BIOLOGICAL IMPACT OF PESTICIDES	627
AL REPORT - NUCLEAR POWER PLANT ENERGY FLOW THROUGH OCA	628
W MARSH ECOLOGY WITH EMPHASIS ON ENERGY FLOW THROUGH OCA	629
ENVIRONMENTAL TECHNOLOGY RELATIVE TO INDUSTRIAL PROCESSES	630
DEVELOPMENT OF WOOD PLASTIC TECHNOLOGY INVESTIGATION OF	631
GLASS PLANT EFFLUENTS ALLEGANY POWER COMPANY EFFECTS OF	632
A RARE ENDANGERED FISHES S.E. U.S. PREIMPOUNDMENT SURV.	633
REBY HOLLOW RESIDENTIAL DEVELOPMENT BRACKENBEN-BLENHEIM	634
RESEARCH & MANAGEMENT OF WARM WATER FISHES NORTHEAST W.I.	635
RS-DEWISE SOLUTIONS A COMPARATIVE ENVIRONMENTAL STUDY OF	636
BIOLOGICAL CONTROL RESEARCH ASSOCIATE RESEARCH OFFICER -	637
OLOGICAL ECOLOGY & POPULATION ECOLOGY CONSULTATION FOR THE	638
URCES WATER POLLUTION CONTROL WITH BIOLOGICAL PROCESSES	639
WATER POLLUTION PANEL NATIONAL WATER COMMISSION ANALYSIS	640
IS OF REVERSE OSMOSIS PURIFICATION OF ACID MINE DRAINAGE	641
P PULSED NEUTRON TECHNIQUES ANALYSIS OF REVERSE OSMOSIS	642
D IN COASTAL WATERS THERMODYNAMICS AND KINETICS AIR	643
INCREASE FISH AND WILDLIFE PRODUCTIVITY FOR RECREATION	644
ATION ASSESSMENT REDSTONE ARSENAL AL PROJECT ASSESS OF	645
ANIMALS ESPECIALLY NEPVIOUS SYSTEMS NEUROPHARMACOLOGY OF	646
N THE ENVIRONMENT PHYSIOLOGICAL EFFECTS OF HERBICIDES ON	647
TEXAS RANGE AND WILDLIFE MANAGEMENT HURRICANE IMPACT ON	648
T HURRICANE IMPACT ON QUAIL HABITAT HABITAT AND BOBWHITE	649
WILDLIFE ECOLOGICAL STUDIES ECOLOGICAL STUDY OF DESERT	650
S PUGET SOUND WATER QUALITY EFFECTS BELLINGHAM BAY WATER	651
RIM PROD TACONITE DUMPING LAKE SUPERIOR ECOLOGICAL WATER	652
ACEANS, FISH) ENVIRONMENTAL SPECIALIST EFFECTS OF WATER	653
ICS EMERGOLOGICAL STUDY OF POPULATION OF SOUTHEAST CORNUS	654
OBAC MARINE MICROBIOLOGY - PHYTOPLANKTON TAXONOMY WATER	655
STEY AND CLAY MINERALOGY MINE SPCL POTENTIALS FOR WATER	656
L ESTUARINE STUDY LAKE SEBASTICOOK EUTROPHICATION WATER	657
IRONMENTAL POLLUTION AS IT RELATES TO AIR WATER AND LAND	658
ENVIRONMENTAL STUDIES ASSESSMENT AND EVALUATION WATER	659
O MATHEMATICAL MODELS OF PLANKTON-ALGAE FOOD CHAIN WATER	660
OD CHAIN WATER QUALITY CRITERIA, LAKE RESTORATION WATER	661
QUALITY BIOLOGICAL IMPACT OF PESTICIDES BUILDING WATER	662
URE RATES ON SOILS AND CROPS EFFECT OF LAND USE WATER	663
AL EFFECTS STUDIES ALGAL ASSAY EVALUATION WATER	664
RTILIZATION COOPERATIVE FOREST FERTILIZATION AND WEIGHT	665
Y; THERMAL POLLUTION; SALINITY INTRUSION TRANSIENT WATER	666
D WATERS. WATER PROCESSING SURVEY CHEM. ASPECTS OF WATER	667
O. LIFE HISTORY OF THE EMERALD SHINER IN SO. DAM. WATER	668
L-PHYSICAL WEATHERING SYSTEMS IN COLD CLIMATES AGGREGATE	669
TIOAL DISTRIBUTION COPEPODS - ARCTIC OCEAN MARINE WATER	670
NEW YORK ROLE OF ANIMAL WASTES IN WATER POLLUTION WATER	671
W WASTEWATER DISINFECTION INFERCTIOUS HEPATITIS AND WATER	672
TIC OCEAN MARINE WATER QUALITY MANAGEMENT COASTAL WATER	673
OF WASTE TREATMENT SYSTEMS AND RECEIVING WATERWAYS WATER	674
COIL AND NEW ENGLAND; BIOLOGICAL EFFECTS DESIGN OF WATER	675
ATIONS IMPACT OF MINING ON OZARK HEADWATER STREAMS WATER	676
POINT BENTHIC STUDY EFFECTS OF THERMAL LOADING AND WATER	677
ET FOR CORPORATION WATERSHED MONITORING SYSTEM - WATER	678
OF VARIOUS STOCKING RATES IN PONDS OF BK. TROUT FISHING	679
ACTION CHARACTER OF NATURAL WATERS & POLLUTANTS WATER	680
LLY NERVOUS SYSTEMS NEUROPHARMACOLOGY OF PYRETHRUM WATER	681
QUALITY STUDIES RESERVOIR SYSTEMS MASSACHUSETTS WATER	682
TIC WATER ORIGIN OF NITRITE IN HEATED WATER WATER	683
THE HISTORIES OF FRESH-WATER FISHES CRANBERRY LAKE WATER	684
ONE IN SEAIN EFFECT OF URBANIZATION ON WATER STREAM	685
PROBLEMS; MATHEMATICAL MODELS; ESTUARY WATER	686
OF SPORT GAME BIRD PROGRAM PIRASANO LIVE T. ASPENT STUDY	687
A BRITA - BANDA & MEXICO INSECT PSE CONTROL AND BENTHIC	688
PLANT RESCUE MANAGEMENT	689
PHYLIC R. DYNAMICS TOXICITY OF SULFIDE WATER LIGNITE TO	690
ALIC MODEL CARRIAGE MUSEUM IMPACT STUDY OF FISH WATERS	691
ECTOZOA AND FUNGI CELL BIOLOGY OF MARINE COELI	692
ECTOZOA CAVERNICOLOUS EPITOZOA REVIEW A NEW GEN	693
ECTOZOA REVIEW A NEW STUDIES IN HAMMOTH CAVE KY	694
ECTOZOA TEMPERATURE RELATED OCCURRENCE OF PHIL	695
PROTOZOAN COMMUNITY STRUCTURE AQUATIC COMMUNITY	696
PROTOZOOCLOGY - PATHOGENIC FORMS AND THEIR VECTORS	697
PROVIDE GOOD FISHING FOOD OF RAPIDE FISH IN TWO	698
PSEUDOC-SELF-COMPATIBILITY OF RED CLOVER SOIL	699
PSEUDOPHARENGUS ALOSA PSEUDOHARENGUS P. TACONITE	700
PSEUDOPHARENGUS POPULATION MODELING AQUATIC SOIL	701
PSEUDOSCORPION PSEUDOSCORPION SYSTEMATICS	702
PSEUDOSCORPION SYSTEMATICS SYSTEMATICS AND ECOLOGY OF	703
PSEUDOSCORPIONS POPULATION STUDY OF THE PSEUDO	704
PT. AND CHESAPEAKE BAY PHYTOPLANKTON COMMUNITIES	705
PUBLIC COMPUTER SIMULATION OF THE EFFECTS OF THE	706
PUBLIC EDUCATION IN MARINE SCIENCE LUTHERAN MAR	707
PUBLIC FISHING LAKE FERTILIZATION SURVEY LAKE IN	708
PUBLIC MGT. OF FRESHWATER WETLANDS SOCIAL BEHAVI	709
PUBLIC SERVICE AQUATIC ECOLOGY SPECIALIZING IN	710
PUREST TOXIN OF SPONGEPOIDS TEST OTHERS TOXICITY	711
PUGET SOUND WATER QUALITY EFFECTS BELLINGHAM BAY	712
PUGNAH POPULATION ECOLOGICAL SURVEY COASTAL PEI	713
PUGNAH POPULATION ENVIRONMENTAL REPORT - NUCLEAP	714
PULP AND PAPER INDUSTRY CHEMICAL ENVIRONMENTAL P	715
PULSED NEUTRON TECHNIQUES ANALYSIS OF REVERSE O	716
PUMP STORAGE POPULATION DYNAMICS OF SALMONIDS A	717
PUMP STORAGE PROJECT ICHTHOLOGY SYSTEMATICS DI	718
PUMPEE STORAGE FACILITY RENSSELAER POLY. INSTIT	719
PUMPEE STORAGE HYDRO-ELEC. RES. FISH STUDY	720
PUMPEE STORAGE SITES REPORT ON BIOLOGICAL PHYSI	721
PUNJAB AGRIC. UNIV. INDIA RESEARCH AIRWATER	722
PURCHASE OF AIR PARTICULATE SAMPLING EQUIPMENT	723
PURE OXYGEN USE IN BIOLOGICAL WASTEWATER TREATME	724
PURE WATERS PROGRAM STATE OF NEW YORK ROLE OF AN	725
PURIFICATION OF ACID MINE DRAINAGE BY NEUTRALOSI	726
PURIFICATION OF ACID MINE DRAINAGE PURIFICATION	727
PURIFICATION TRACE METALS IN LAKE WASHINGTON LEA	728
PURPOSES DUP 24 TRAPPING BLUEGILL SUNFISH IN FAR	729
PURE PHOSPHORUS PLANT EDGEMOOD EVALUATE POLLUTIO	730
PYRETHRUM WATER QUALITY STUDIES RESERVOIR SYSTEM	731
QUACKGRASS USE OF HERBICIDES IN ORNAMENTAL CROP	732
QUAIL HABITAT HABITAT AND BOBWHITE QUAIL PRODUCT	733
QUAIL PRODUCTION SOUTH TEXAS RANGE AND WILDLIFE	734
QUAIL WATER RESOURCE MANAGEMENT	735
QUALITY ENVIRONMENTAL POLLUTION AS IT RELATES T	736
QUALITY ANALYSES RIVERS-LAKES POPULATION BIVOLG	737
QUALITY AND QUANTITY ON ANIMALS (MAINLY MOLLUSCS	738
QUALITY AND QUANTITY STUDY WITH STATISTIC ANALYS	739
QUALITY AND SEDIMENT ANALYSIS MICROBIOLOGY SO. S	740
QUALITY AND SOIL EROSION MINERAL NUTRITION AND A	741
QUALITY AND WATER SUPPLY PROTECTION CHARACTER OF	742
QUALITY BIOLOGICAL IMPACT OF PESTICIDES PUGET SO	743
QUALITY CRITERIA 1972 TELL PL HESI ARCHEOLOGICAL	744
QUALITY CRITERIA LAKE RESTORATION WATER QUALI	745
QUALITY CRITERIA; PLANKTON POPULATION MODELING;	746
QUALITY EFFECTS BELLINGHAM BAY WATER QUALITY ON	747
QUALITY EFFECTS OF FERTILIZERS AND MANURE ON SOI	748
QUALITY EVALUATION PRE-IMPOUNDMENT STUDIES THER	749
QUALITY FIRST ANNUAL REPORT NORTH CAROLINA STATE	750
QUALITY IN ESTUARY NETWORKS SUBMERGED DISPUSER	751
QUALITY IN SE VIRGINIA JAMES ESTUARY BENTHOS; SE	752
QUALITY INVESTIGATIONS IMPACT OF MINING ON OZARK	753
QUALITY JUDGMENT PHYSICAL-CHEMICAL WEATHERING IN	754
QUALITY MANAGEMENT COASTAL WATER QUALITY MONITR	755
QUALITY MANAGEMENT WATER POLLUTION PANEL NATIONAL	756
QUALITY MERCURY AND THE PETSU MIN WATER ENVIR	757
QUALITY MONITORING NETWORK VERTICAL DISTRIBUTION	758
QUALITY MONITORING PROGRAM FOR OCCOQUAN WATERSHE	759
QUALITY MONITORING SYSTEMS ASSESSMENT OF ENVIRO	760
QUALITY OF A RIVER BASIN IN N.E. MO. LIFE HISTOY	761
QUALITY ON ESTUARINE ONE DEGREE PRODUCTION STRU	762
QUALITY OUTDOOR EDUCATION LABORATORY AVIAN MIG	763
QUALITY PREDATION ON HEAVY STOCKED LANDLOCKED CA	764
QUALITY PROTECTION & SUEPLY PROGRAM PORT ROYAL	765
QUALITY STUDIES RESERVOIR SYSTEMS MASSACHUSETTS	766
QUALITY STUDIES REVERINE SYSTEMS MASS. PHYSIO	767
QUALITY SURVEY ROLE OF TRACE METALS IN MYPHOSIA	768
QUALITY SURVEY FIRST-YEAR GROWTH ALEWIER LAKE ON	769
QUALITY VEGETATIONAL CHANGES AND EFFECT ON AVIAR	770
QUANTITIC OF DEAD FISH SURVEY WILDLIFE MANAGER	771
QUANTITIC A DIVISION CONSULTANT - USE OF AGRIC	772
QUANTITIC REGULATION AND INTEGRATED CONTROL OF	773
QUANTITIC PISH BIOASSAYS LIGHT & SPECTRUM PRP	774
QUANTITIC DESIGN AND MANAGEMENT OF WATERSHED	775

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

OF THE OUTER BANKS NORTH CAROLINA THE ISOLATED FORMS OF	418
CLONAL GENETICS OF MAN AND INSECTS GENETICS OF ADAPTIVE	732
OF FUNGICIDAL ACTION" BIOLOGY OF HELMINTHOSPORIUM MAYLIS	442
NATURAL AREAS USE OF CHLOROPHYLL EXTRACTS TO MEAS SOLAR	710
RADIATION DOSE RESPONSE FOR RAT BREAST TUMORS EXPERIMENTAL	638
ON RAT BREAST TUMORS IN VITRO INDUCTION OF BREAST TUMORS	638
BIOLOGY OF SEA TURTLES VERTEBRATE AND AQUATIC ECOLOGY;	644
RTLES VERTEBRATE AND AQUATIC ECOLOGY; RADIATION ECOLOGY	644
N BIOMEDICAL RESEARCH NEUROBIOLOGY NEUROCHEM. EFFECT OF	241
THE TRADESCANTIA VARIOUS DELETERIOUS EFFECTS OF IONIZING	676
TION ON PLANTS AND CHEMICAL MUTAGENS EFFECTS OF IONIZING	676
ENTAL RADIATION AND CHEMICAL CARCINOGENESIS CHEMICAL AND	638
RESTS BIRDS AND CATAPILLARS IN NORTHERN HARDWOODS FOREST	706
ISM OF DRUG INDUCED LIVER GROWTH DAMAGE INDUCED GROWTH -	20
USE OF SEEDS, PLANTS X RAYS ON BOSTON IVY BUDS IONIZING	526
E REVIEW 104 STATEMENT ON HIGHWAY I-88, NEW YORK VARIED	227
OSPHERES ENVIRONMENTAL RADIOACTIVITY POLLUTION CONTROL	204
OLOGY TRACE ELEMENTS IN URBAN ATMOSPHERES ENVIRONMENTAL	204
HEMICAL MUTAGENS EFFECTS OF IONIZING RADIATION ON PLANTS	676
MARINE	232
REFERENCE TO TRACE ELEMENTS RADIONUCLIDES AND POLLUTANTS	74
ISTRY OF OCEANS WITH SPECIAL REFERENCE TO TRACE ELEMENTS	74
LANTS X RAYS ON BOSTON IVY BUDS IONIZING RADIATIONS AND	526
LOGY MICROSCOPY CLINICAL AND PATHOLOGIC ANATOMY ANNUAL	296
IN TWO LARGE RESERVOIRS RESERVOIR POPULATION ESTIMATION	246
NS OF VEGETATION VEGETATION OF LATIN AMERICA TAXONOMY OF	178
CHEMICALS AND IMPACT ON ENVIRONMENT USE OF CHEMICALS ON	68
ENVIRONMENTAL STUDY FAUNAL AND FLORAL CENSUS AND IMPACT	459
S ANALYSIS OF A LAKE CARP POPULATION BREEDING ECOLOGY OF	660
LAB AND FIELD GROWTH IN THREE SPECIES OF HAWKS IMPACT OF	523
OF RAPTORIAL BIRDS ON GRASSLANDS POPULATION DYNAMICS OF	523
POPULATION DYNAMICS HABITAT SELECTION AND PARTITIONING OF	660
RVEY OF DEER LICK INTERPRETING NATURAL HISTORY STUDY OF	540
AN GREY, ECOLOGY AND MANAGEMENT OF WILDLIFE ESPECIALLY	408
F FISHES ZOOGEOGRAPHY EAST U.S. FRESHWATER FISHES SURVEY	369
SIGN TO SOLVE PROBLEMS CUPSAW LAKE FLOOD CONTROL PROJECT	66
OF HEAVY METALS PLANT AND ANIMAL DISTRIBUTION ABUNDANCE	368
OF INDUCTION OF BREAST TUMORS RADIATION DOSE RESPONSE FOR	638
ATION AND CHEMICAL CARCINOGENESIS CHEMICAL AND RADIATION	638
ELOPMENT OF MAMMALIAN KIDNEY COMPENSATORY HYPERTROPHY OF	593
POPULATIONS IN NORTHERN MAINE EFFECTS OF VARIOUS STOCKING	73
ONS MAST PRODUCTION IN NW PENNSYLVANIA FORESTS INGESTION	276
ING FERTILIZERS SOIL FORMATION EFFECTS OF HIGH NITROGEN	765
HISTORY OF FISHES; SEXUAL MATURITY; FECUNDITY; AGING SEX	44
R CHANGE IN CROTAPHYTUS HABENULAR LESIONS AND GNAWING IN	148
G-TERM EFFECTS OF CORTICOSTEROIDS ADMINISTERED TO NEWBORN	717
GENETICS OF MOUSE POPULATION CYCLES POPULATION CYCLES IN	712
"BRYOLOGY DRUG TOXICITY EFFECTS OF TRANQUILIZING DRUG ON	426
CLEARCUTTING ON BIRD POPULATIONS HABITAT REQUIREMENTS OF	341
CALE INHIBITORS POLYELECTROLYTES FOR POLLUTION CONTROL	794
ICATION AND INDUSTRIAL PROCESSING PRIMARY COAGULANTS FOR	794
PLANTS NEUTRON AND GAMMA-RAY RESPONSE OF SEEDS PLANTS X	526
ENT ORNITHOLOGY & PLANT ECOLOGY OF WETLANDS WILD TURKEY	223
PROF MARINE BENTHIC COMMUNITIES SURVEY OF MONTSEWAG BAY	181
N TAMPA BAY IN FLORIDA INVESTIGATION OF FISH HABITS AND	24
STRUCTURES BIOPHYSICAL CHEMISTRY PARTICULARLY CHEMICAL	5
FE ON 3000 ACRE FARM ECOLOGICAL STUDIES FARM GAME INSECT	433
D AND COLLOIDAL PARTICLES IN WATER BIOPHYSICAL LIMNOLOGY	409
BEHAVIOR OF FISHES EFFECTS OF TEMPERATURE ON LABORATORY	692
N DERIVATIVES KINETIC & THERMOCHEM. STUDIES OF PORPHYRIN	5
S STUDIES STEERING COMMITTEE OF DAY DONG OF INT. FEL. OF	358
L MARINE AND ESTUARINE SYSTEMS ECOLOGY OF BRACKISH PONDS	406
TER DESIGN AND OPERATION OF WASTE TREATMENT SYSTEMS AND	572
IS ECOLOGY PHYSIOLOGY OF MARINE ANIMAL BEHAVIOR ACOUSTIC	799
VEMENTS IN NEW YORK HARBOR BIOTA OF MANHATTAN BAY GROUND	240
PERMINE SPEED OF GERMINATION IN SEEDS OF AQUILEGIA USE OF	415
KROACH IN LAB. CULTURES CONTROL OF GERMAN COCKROACH WITH	346
L AGE LEVELS MULTI. MEDIA PRESENTATIONS PRECIOUS METALS	525
ULTATION COAL MINING ASSOCIATED POLLUTION STRIP MINING	810
BUILDING STABILIZATION AND PRODUCTIVE USE OF DREDGE SPILL	801
RBANCES FOREST ECOSYSTEM DYNAMICS FOLLOWING DISTURBANCES	354
SOIL FERTILITY AND PLANT NUTRITION LAND	335
ND FERTILITY AND MANAGEMENT; COASTAL STABILIZATION; LAND	801
FIELD TESTING OF FUNGICIDES AND INSECTICIDES AND	30
TINUP POPULATION ENVIRONMENT SITE SELECTION IN CASAMANCE	142
SCHOOLS ENVIRONMENTAL EDUCATION COURSES - COLLEGE LEVEL	292
ANS RECREATION RESOURCE ANALYSIS PLANNING & MANAGEMENT	643
EISH WILDLIFE AND	321
NT LIFE HISTORY RESEARCH ON WILDLIFE NATIONWIDE OUTDOOR	378
MORPHOLOGY INCREASE FISH AND WILDLIFE PRODUCTIVITY FOR	777
RECREATION IMPACT ON WILDLIFE RESOURCE MANAGEMENT PLANS	643
APPRIAL SENSING FOR EVALUATING: STRESS IN VEG. LAND USE	592
ATION PROCEDURE WYLLIAMSBURG ENVIRONMENTAL PRESCRIPTIONS	255
SIVE PLAN REGIONAL SEWER & WATER PLAN UPDATE LEASER LAKE	670
CAMPGROUNDS AND CAMPERS IN NEW YORK MARINAS IN NEW YORK	785
RACCOONS ECOLOGY AND SYSTEMATICS OF COASTAL AND	418
RACE FORMATION DYNAMICS OF TWO LOCUS SYSTEMS BEH	732
RACE I SELECTIVE INHIBITION OF SPORULATION MEAS	442
RAD. EFFECTS OF FIRE ON PLANT COMMUNITIES IN EA	710
RADIATION AND CHEMICAL CARCINOGENESIS CHEMICAL A	638
RADIATION DOSE RESPONSE FOR RAT BREAST TUMORS E	638
RADIATION ECOLOGY RADIATION EFFECTS ON BEHAVIOR	644
RADIATION EFFECTS ON BEHAVIOR AQUACULTURE AND BI	644
RADIATION ON MENTAL FUNCTION EFFECT OF LEAD INGE	241
RADIATION ON PLANTS AND CHEMICAL MUTAGENS EFFECT	676
RADIATION ON PLANTS RADIOBIOLOGICAL RESPONSES OF	676
RADIATION RAT BREAST TUMORS IN VITRO INDUCTION O	638
RADIATION SENSITIVITY OF BIRDS COMMUNITY ECOLOG	706
RADIATION CHEMICAL MECHANICAL CHEMICAL AREINO	20
RADIATIONS AND RADIONUCLIDES IN THE BIOSPHERE NE	526
RADIO TELEMETRY STUDY OF THE SAW-WHET OWL ECOLOG	227
RADIOACTIVITY MEASUREMENT HUDSON RIVER ECOLOGY T	204
RADIOACTIVITY POLLUTION CONTROL RADIOACTIVITY M	204
RADIOBIOLOGICAL RESPONSES OF ORBITED TRADESCANTIA	676
RADIOECOLOGY AND CHEMICAL OCEANOGRAPHY	232
RADIOELEMENTS IN OCEANS PLUTONIUM IN LAKE ONTARIO	74
RADIONUCLIDES AND POLLUTANTS RADIOELEMENTS IN OC	74
RADIONUCLIDES IN THE BIOSPHERE NEUTRON AND GAMMA	526
RAGWEED POLLEN CENSUS - 4 COMMUNITIES ABSTRACTOR	296
RAINBOW TROUT SPAWNING SUCCESS FISH BIOLOGY ME	246
RAINFORREST CONIFERS GEOGRAPHY OF VEGETATION SY	178
RANGELAND ALGAE CONTROL IN LAKES AND PONDS HERBI	68
RAPPAHANNOCK RIVER WETLANDS IMPACT STUDY PHYTOP	459
RAPTOR POPULATIONS IN UTAH POPULATION DYNAMICS	660
RAPTORIAL BIRDS ON GRASSLANDS POPULATION DYNAMIC	523
RAPTORES IN SHORTGRASS PRAIRIE AVIAN ECOLOGY & M	523
RAPTORS POPULATION ECOLOGY OF BARN OWLS ANALYSIS	660
RARE AND ENDANGERED ANIMALS ECOSURVEY OF CAPE VIN	540
RARE AND ENDANGERED SPECIES AND IN LATIN AMERIC	408
RARE ENDANGERED FISHES S.E. U.S. PRETPOUNDMEN	369
RARITAN CENTER DREDGING PROJECT ROUND VALLEY RES	66
RAPITY ECOLOGICAL STUDIES WILDLIFE INDICATORS OF	368
RAT BREAST TUMORS EXPERIMENTAL RADIATION AND CH	638
FAT BREAST TUMORS IN VITRO INDUCTION OF BREAST T	638
RAT KIDNEY GROWTH COMPENSATORY HYPERTROPHY DE	593
RATES IN PONDS ON BK. TROUT FISHING QUALITY PRED	73
RATES OF CHIPMUNK POPULATIONS POPULATION BIOL	276
RATES ON SOILS AND CROPS EFFECT OF LAND USE ON W	765
RATIOS LIFE HISTORY OF SKIPJACK TUNA LIFE	44
RATS BEHAVIOR OF VERTEBRATES - PARTICULARLY SOC	148
RATS ENVIRONMENTAL PHYSIOLOGY OF MARINE ANIMALS	717
RATS WOODS DEMOGRAPHY ON ISLANDS POPULATION ECO	712
FATS DOGS & HORSES CELLULAR & DEVELOPMENTAL B	426
RAVEN ECOLOGY AND MANAGEMENT OF NONCONSUMPTIVE	341
RAW WATER CLARIFICATION AND INDUSTRIAL PROCESSIN	794
RAW WATER CLARIFICATION FLOCCULANTS FOR INDUSTRI	794
WAYS ON BOSTON IVY BUDS IONIZING RADIATIONS AND	526
RE-ESTABLISHMENT TECHNIQUES MANUAL ATLANTIC FLY	223
RE: NUCLEAR POWER PLANT CONTROLLED EROSION IN MO	181
REACTIONS FEEDING OF FISH IN BACK BAY REFUGE IN	24
REACTIVITY (GENERAL) AND PORPHYRINS (SPECIFIC) T	5
REACTORS OF DISEASE IMPORTANT TO MILITARY MANAG	433
REAERATION OF CHEROKEE RESERVOIR BACTERIAL DISEA	409
REAFEC MARINE FISH LARVAE PHYSIOLOGY AND	692
REAX MODEL STUDIES IN ORGANIC SEMICONDUCTION & P	5
REC. POPULATION BIOLOGY BOTH ITS ECOLOGICAL AN	358
RECEIVING SEWAGE DISSOLVED ORGANIC PHOSPHORUS PR	406
RECEIVING WATERWAYS WATER QUALITY MONITORING PRO	572
RECEPTION AND ORIENTATION OF LARGE SHARKS PREY S	799
RECHARGE IN SUFFOLK COUNTY ESTUARINE ECOLOGY A	240
RECIPROCAL TRANSPLANTS IN GENE ECOLOGY PHYSIOLOGI	415
RECIPLE. TRANSIC COMPETITION BETWEEN BLACK AND WI	346
RECLAMATION - POLLUTION CONTROL ENVIRONMENTAL E	525
RECLAMATION AND SLOPE STABILIZATION CYCLE OF COA	810
RECLAMATION AND STABILIZATION OF DUNES ON AMELIA	801
RECLAMATION OF DEEP MINE COAL WASTES FOREST GRO	354
RECLAMATION AGRICULTURAL ECONOMIC DEVELOPMENT	335
RECLAMATION; MARSH BUILDING STABILIZATION AND PR	801
RECOMMENDATION OF THEIR USAGE	30
RECOMMENDATIONS FOR AID IN AGRICULTURE DEV. NIGE	142
RECREATION & OUTDOOR EDUCATION COURSES RESEARCH	292
RECREATION IMPACT ON WILDLIFE RESOURCE MANAGEMEN	643
RECREATION MANAGEMENT	321
RECREATION PLAN DESERT BIGHORN SHEEP BOOK EXPERT	378
RECREATION PURPOSES DUR 24 TRAPPING BLUEGILL SUN	777
RECREATION RESOURCE ANALYSIS PLANNING & MANAGEM	643
RECREATION AND NATURAL RESOURCES REMOTE SENSING	592
RECREATIONAL COMMUNITY ENVIRONMENTAL ANALYSIS S	255
RECREATIONAL HUNTING POTENTIAL LAND USE AND GEN	670
RECREATIONAL USES OF NATURAL RESOURCES USES OF N	785

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

LAND USE PLANNING AIR POLLUTION CONTROL FROM WASTE WOOD 434
 NMENTAL IMPACT STATEMENT DVC LIG. POT. RESOURCE 27
 KS CROP ECOLOGY AND PHYSIOLOGY ECOSYSTEMS PRODUCTIVITY 474
 T EVALUATION OF NUCLEAR FACILITY ECOLOGY AND BEHAVIOR OF 225
 TURE PLANT BREEDING PSEUDO-SELF-COMPATIBILITY OF 423
 E FOR GROUND SQUIRRELS ASPEN GREENBELT STUDY SYMPATRY OF 291
 OF SYNDETS AND NTA TO MARINE LIFE CRUDE OIL TOXICITY IN 205
 TION ROLE OF SUZ CANAL AS PATHWAY FOR DISPERSAL BETWEEN 22
 OF THE MALLARD PESTICIDES TERRITRIAL BEHAVIOR AND THE 326
 OPING PROGRAM EDGEWOOD ARSENAL MD INSOLLATION ASSPSSMENT 553
 NG PROGRAM EDGEWOOD ARSENAL MD INSTALLATION ASSPSSMENT 55
 ING PROGRAM EDGEWOOD ARSENAL MD INSTALLATION ASSPSSMENT 542
 RM WATER FISH IN NEW YORK RESPONSES OF FISH POPULATION D 277
 TO ANALYTICAL CHEMISTRY OXIDATION - 410
 UME ESTIMATIONS GIRARD FORM CLASS ESTIMATIONS ECOLOGY OF 782
 Traction TO ARTIFICIAL REEFS COGNIZATION OF ARTIFICIAL 311
 IAL REEF BY FISHES ECOLOGY OF MARINE FISHES ESPECIALLY 311
 PREDATION AND ITS EFFECT ON CORAL REEFS CARIBBEAN CORAL 557
 A-LEVEL CANAL STARFISH PREDATION AND ITS EFFECT ON CORAL 557
 PECIALY REEF SPECIES AND THEIR ATTRACTION TO ARTIFICIAL 311
 R CYCLE IN SHALLOW MARINE WATERS NITROGEN CYCLE ON CORAL 740
 R DIVERSION PROJECT LOUISIANA VIRGINIA CAPES ARTIFICIAL 625
 YSTEM DIFFUSION FROM SEDIMENTS NUTRIENT STUDIES ON CORAL 551
 PAN CORAL REEF STRUCTURE AND DIVERSITY BIOLOGY OF CORAL 557
 STUDY PREHISTORIC HUMAN ECOLOGY OF US DESERTS 723
 T FUEL ENERGY AIR AND WATER POLLUTION CONTROL SOLVENT 372
 MENT EFFLUENT MANAGEMENT INFORMATION SYSTEM DEVELOPMENT 268
 URCS REMOTE SENSING OF STRESS IN PLANT COMMUNITIES LEAF 592
 S HOST PLANT RESISTANCE TO ARTHRPODS PEST REPELLANCE BY 761
 AL TEMPERATURE INTEGRATION MICROCLIMATE MODIFICATIONS IN 421
 RISBLE COMPRESSION OF FOOD PRESERVATION OF FOOD WITHOUT 79
 OF FISH HABITS AND REACTIONS FEEDING OF FISH IN BACK BAY 24
 POSTED & WILDLIFE AREAS SETTING ASIDE AREAS AS WILDLIFE 489
 N DISPOSING WASTE HEAT TO SOIL REVEGETATION OF SPOIL AND 474
 CANYONS ANIMAL SEDIMENTS RELATIONSHIPS IN DEEP SEA SOLID 599
 T REFINEMENT APPLICATION OF INTERMEDIA ANALYSIS FORMAT 268
 MAMMOUTH REG. SEW. AUTH. ENV. ASSESSMENT ROCKAWAY VALLEY 467
 AN COUNTY REG. SEW. AUTH. ENV. ASSESSMENT SOUTH MAMMOUTH 467
 NVIRONMENTAL STRESS FRESH-WATER AND MARINE OCEAN COUNTY 467
 HARBOR, NY HYDROTHERMAL SURVEY ESTUARY CIRCULATION WITH 143
 MOISTURE DEPLETION IN OAKS FOREST SOIL WATER RELATIONS 81
 LINEATION OF ZOOPLANKTON POPULATIONS, MID-ATLANTIC BIGHT 470
 BRYOZOAN BRYOZOA OF NEW ENGLAND BRYOZOA OF PANAMA CANAL 34
 NEWSLETTER DIRECTORY OF PERSONNEL OF THE COASTAL PLAINS 19
 AL MANAGEMENT IN COLD REGIONS U.S. TUNDRA BIOME IRP CCID 82
 THROUGH UCA PUGNAX POPULATION ECOLOGICAL SURVEY COASTAL 635
 ERICA NATURAL AREA SURVEY OF WASHINGTON DC METEOROLITIAN 710
 TION STUDIES; CO-AUTHOR OF BIRDS OF THE NIAGARA FRONTIER 489
 LAR TERRESTRIAL VERTEBRATES BIOGEOGRAPHY OF THE CAPE COD 418
 ENT - ENVIRONMENTAL EFFECTS OF DEVELOPMENT SOUTH FLORIDA 2
 GRES OR BIRD SANCTUARIES ORNITHOLOGY IN NIAGARA FRONTIER 489
 YORK BIOGEOCHEMISTRY OF MARINE AND FRESHWATER SEDIMENTS 182
 RDS AND FARM GAGE PLAINFIELD TOWNSHIP COMPREHENSIVE PLAN 670
 OCESSES ARTIC OIL EXPLORATION ENVIRONMENTAL IMPACT ANAL. 774
 RIATION IN SEDIMENTS AND ESTUARIES ANALYSIS OF SEA WATER 463
 HARPOST TUNDRA ECOLOGY ENVIRONMENTAL MANAGEMENT IN COLD 82
 ODUCTION AND RELEASE PHYSIOLOGICAL HEMATOLOGY - FACTORS 146
 AND ECOSYSTEM ECOLOGY EFFECT OF PREDATION ON POPULATION 131
 FLOPES ENERGETICS OF LOCOMOTION METABOLISM & TEMPERATURE 716
 MANAGEMENT QUARANTINE 206
 PANEL ANTIBIOTIC BIOSYNTHESIS ACTION OF ANTIBIOTICS AND 76
 ODUCTIVITY IN TROPICAL LAKES MEASUREMENT AND REGULATION 475
 LOD CELL FORMATION HUMORAL REGULATION OF THROMBOPOIESIS 146
 OLOGY - FACTORS REGULATING BLOOD CELL FORMATION HUMORAL 146
 PRIMARY PRODUCTIVITY IN TROPICAL LAKES MEASUREMENT AND 475
 WHIBITORS OF AUXIN TRANSPORT PHYSIOLOGY OF PLANT GROWTH 715
 RED APHAS CHEM. PHYS. BIOL. CHANGES IN A RESERVOIR AFTER 529
 OPATIONAL EXPOSURE TO PESTICIDES PEST MANAGEMENT AS IT 804
 LINGHAM PAY WATER QUALITY ENVIRONMENTAL POLLUTION AS IT 652
 ED AREAS OF NEW YORK SOIL SCIENCE APPLIED TO TREE WATER 157
 SORPTION EFFECT OF FLOODING ON SWAMP FOREST PLANT WATER 403
 MICROBIAL PHYSIOLOGY AND ECOLOGY DNA SEQUENCE 684
 ENTRAL ILLINOIS PLANT COMMUNITY DYNAMICS INCLUDING SOIL 250
 TO WASTEWATER IRRIGATION WILD ANIMAL POPULATION-HABITAT 797
 RATE ECOLOGY - EVOLUTIONARY PHYSIOLOGICAL AND POPULATION 101
 SICAL-PHYSICAL ASPECTS OF AQUATIC SYSTEMS AND BIOLOGICAL 117
 E DEEP SEA ECOLOGY OF SUBMARINE CANYONS ANIMAL SEDIMENTS 699
 OUS FOREST ECOSYSTEM FOREST TREE ROOT SYSTEMS CROWN STEM 702
 OF FRESH WATER/MARINE TELEOST BEHAVIOR ECOLOGY AND FOOD 176
 MOUNTAINS SMALL MAMMALS OF PIEDMONT FORESTS ECOLOGICAL 118
 PRAIRIE PLANT SPECIES PLANTINGS FOR SCHOOL STEPS HUMAN 121
 Y FOR SEPTIC TANKS LAND USE REMOTE SENSING SOIL-WATER 546
 - INDONESIA PLANNING FOREST SOILS RESEARCH SOIL-FOREST 699
 ISSION CONSOLIDATED EDISON ECOLOGY TROPIC; SOIL-PLANT 265
 MAMMOUTH CAVE KY UNDERGROUND WATER PROZOCA TEMPERATURE 256
 RECYCLING ADVICE TO AN ALUMINUM PRODUCER COSTS O 434
 RECYCLING CONVERSION OF WASTE TO FUEL GAS ENVIRO 27
 RECYCLING OF NUTRIENTS ENPPGY FLOW THROUGH SOIL- 474
 RED AND SPRAY FOXES WILDLIFE ECOLOGY ESPECIALLY 225
 RED CLOVER PORAGE LEGUMES SOYBEAN BREEDING & CUI 423
 RED HEADED & LEWIS WOODPECKERS WINTER ECOLOGY & 291
 RED SEA PHYSIOLOGICAL EFFECTS OF METALS CRUDE 205
 RED SEA AND MEDITERRANEAN OCEAN ACRF STUDIES STU 22
 RED-SHOULDERED HAWK POPULATION DYNAMICS OF AVIA 326
 REDSTONE ARSENAL AL ENVIRON SURVEY PINE BLUEP 553
 REDSTONE ARSENAL AL PROJECT ASSESS OF PH PHOSPH 55
 REDSTONE ARSENAL ALABAMA EPELIMINARY ENVIPON SU 542
 REDUCED LOADING OF LAKE PHOSPHORUS POPULATION D 277
 REDUCTION OF POPPHINS WATER ANALYSIS 410
 REDWOOD FOREST ECOLOGY AND SILVICULTURE FOREST 782
 REEF BY FISHES ECOLOGY OF MARINE FISHES ESPECI 311
 REEF SPECIES AND THEIR ATTRACTION TO ARTIFICIAL 311
 REEF STRUCTURE AND DIVERSITY BIOLOGY OF CORAL R 557
 REEFS CARIBBEAN CORAL REEF STRUCTURE AND DIVERSEI 557
 REEFS COLONIZATION OF ARTIFICIAL REEF BY FISHES 311
 REEFS CONTROL OF CHESAPEAKE BAY JELLYFISH FREE A 740
 REEFS GREAT LAKES WATER LEVELS STUDY IMPACT ASS 625
 REEFS MARINE MAMMALS FROM CAPE COD TO CAPE HATTE 551
 REEFS; THERORETICAL ECOLOGY; BIOGEOGRAPHY OF TRO 557
 REEF RIVER ECOLOGICAL PROJECT 723
 REFINED COAL ENVIRONMENTAL IMPACT STATEMENTS ON 372
 REFINEMENT APPLICATION OF INTERMEDIA ANALYSIS F 268
 REFLECTANCE AND RESPONSE TO STRESS REMOTE SENSIN 592
 REFLECTIVE MULCHES APHID ALARM PHEROME PLANT - 761
 REPOSTATIONS OF SURFACE-MINED LANDS HYDROLOGIC 421
 REFRIGERATION FREEZE DRYING FOOD WATER ACTIVITY 79
 REFUGE IN VIRGINIA THERMAL POLLUTION IN TAMPA BA 24
 REFUGES OR BIRD SANCTUARIES ORNITHOLOGY IN NIAG 489
 REFUSE BANKS CROP ECOLOGY AND PHYSIOLOGY ECOSYS 474
 REFUSE DISPOSAL DEERSEA EFFECTS BENTHIC INVER 599
 REG. ECON. AND ECOLOGICAL PLAN SYSTEM MEMBERS O 268
 REG. SEW. AUTH. ENV. ASSESSMENT PLAYKTON ECOLOG 467
 REG. SEW. AUTH. ENV. ASSESSMENT ROCKAWAY VALLEY 467
 REG. SEW. AUTH. ENV. ASSESSMENT SOUTH MAMMOUTH R 467
 REGARDS TO WASTE DISPOSAL NORTHPORT NY HYDROTHER 143
 REGENERATION FOLLOWING CUTTING IN MIXED OAK NET 81
 REGION DE 470
 REGION ECOLOGY TAXONOMY AND MORPHOLOGY OF BRYO 34
 REGION TWO APAS: (1) ENVIRONMENTAL EDUCATION W 19
 REGION ECOLOGY AND TERRAIN OIL SPILL AND CLEAN U 82
 REGION OF GEORGIA SALT MARSH ECOLOGY WITH EMPHA 635
 REGION VEGETATION MANAGEMENT PLAN FOUR NATURAL 710
 REGION WESTERN NY POSSIBLE JET POPULATION TRYING 489
 REGION MASS. BIOGEOGRAPHY OF THE OUTER BANKS N 418
 REGIONAL AIRPORT SITE SELECTION STUDY EFFECT OF MA 2
 REGIONAL BIRD POPULATION STUDIES; CO-AUTHOR OF B 489
 REGIONAL LIMNOLOGY OF MINNESOTA POLLUTION OF LAK 182
 REGIONAL SEWER & WATER PLAN UPDATE LEASER LAKE B 670
 REGIONAL SOLID WASTE MANAGEMENT JAMES RIVER BASI 774
 REGIONAL VARIATIONS IN MAJOR IONS MEMBRANE SALIN 463
 REGIONS U.S. TUNDRA BIOME IRP COLD REGION ECOLOG 82
 REGULATING BLOOD CELL FORMATION HUMORAL REGULATI 146
 REGULATION POPULATION ECOLOGY 131
 REGULATION PHYSIOLOGICAL ECOLOGY WATER RELIATION 716
 REGULATION AND INTEGRATED CONTROL OF PLANT PESTS 206
 REGULATION OF ANTIHIBIOTIC BIOSYNTHESIS ENVIRONMEN 76
 REGULATION OF PHOTOSYNTHESIS IN AFRICAN LAKES PH 475
 REGULATION OF PLATELET PRODUCTION AND RELEASE P 146
 REGULATION OF THROMP POIESIS REGULATION OF PLATE 146
 REGULATION REGULATION OF PHOTOSYNTHESIS IN AFRIC 475
 REGULATORS - PARTICULARLY AUXINS AND CYTOKININS 715
 REHABILITATION BASIC RESEARCH ON ACID SPOILS IN 529
 RELATES TO ACTIVITY OF THE FEDERAL AGENCIES GATE 804
 RELATES TO AIR WAGES AND LAND QUALITY BIOLOGICAL 652
 RELATION; MANS IMPACT; AND LAND USE PLANNING TRA 157
 RELATIONSHIPS; TREE PHYSIOLOGY MEASUREMENT OF WATER 403
 RELATIONSHIPS AMONG VERTEB SPECIES 684
 RELATIONSHIPS AND PHYSIOLOGICAL ECOLOGY ST. LAW 250
 RELATIONSHIPS ECOLOGICAL EFFECTS OF CLEARCUTTING 797
 RELATIONSHIPS ENVIRONMENTAL IMPACT OF ELICTOPICAL 101
 RELATIONSHIPS ENVIRONMENTAL IMPACTS STATEMENT RE 117
 RELATIONSHIPS IN DEEP SEA SOLID REFUSE DISPOSAL 699
 RELATIONSHIPS IN FOREST TREES ANALYSIS OF PORES 702
 RELATIONSHIPS OF TROPICAL MARINE FISHES LAKE - C 176
 RELATIONSHIPS OF VERTEBRATE ANIMALS; ECOLOGY OF 118
 RELATIONSHIPS WITH ENVIRONMENT USING SCHOOL ENVI 121
 RELATIONSHIPS AUTOMATIC DATA PROCESSING CHARACT 546
 RELATIONSHIPS ESPECIALLY NUTRITION ECOLOGY AN 699
 RELATIONSHIPS; ENVIRONMENTAL IMPACT STUDIES PIRN 265
 RELAYED OCCURENCE OF PROZOCA TAXONOMY & PHYSI 256

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

OF THROMBOPOIESIS REGULATION OF PLATELET PRODUCTION AND	RELEASE PHYSIOLOGICAL HEMATOLOGY - FACTORS REGULATED	146
TUARIES MARINE MICROBIAL ECOLOGY SPRAWLED COLONIZATION & E	RELEASE OF ORGANIC MATERIAL WATER TREATMENT IN COMMUN	646
EDGE OF SPECIFIC PESTICIDES/FORMULATION EVALUATION/SUCH	RELEASE PESTICIDES AS NEW COMMERCE INDUSTRIAL WASTE	156
N OF DYE PLANT EFFLUENTS MICRORIAL BIOCHEMISTRY AND ITS	RELEVANCE TO POLLUTION CONTROL BIOCHEMICAL DEGRADATI	694
VERTEBRATES OF MASSACHUSETTS COASTAL ISLANDS VERTEBRATE	REMAINS IN INDIAN MIDDENS AVIAN POPULATIONS IN OCEAN	758
SSING CHARACTERIZATION OF SOIL RESOURCES APPLICATIONS OF	REMOTE SENSING DATA SOIL SUITABILITY FOR SEPTIC TANKS	546
URCE MANAGEMENT PHOTOPERIODISM AND ECOLOGY OF THALASSIA	REMOTE SENSING OCEANOGRAPHY MARINE PHYTOPLANKTON	458
LANT COMMUNITIES LEAF REFLECTANCE AND RESPONSE TO STRESSES	REMOTE SENSING OF GYPSY MOTH DEPOLLUTION AERIAL	592
ESS IN VEG. LAND USE RECREATION AND NATURAL RESOURCES	REMOTE SENSING OF STRESS IN PLANT COMMUNITIES	592
TION OF ECOLOGICAL PRINCIPLES TO THE AQUATIC ENVIRONMENT	REMOTE SENSING OF THE OCEAN PRODUCTIVITY POLLUTANTS	132
LUMINESCENT ANALYSIS OF PRODUCTIVITY FRESH WATER ALSO	REMOTE SENSING SHALLOW MARINE AUTOMATED ANALYSIS	390
ON MARINE AUTOMATED ANALYSIS OF FRESH WATER PRODUCTIVITY	REMOTE SENSING SHALLOW MARINE COMMUNITIES DINOFLAGELL	390
ES OF COASTAL WATERS OF NEW YORK AND LONG ISLAND USE OF	REMOTE SENSING TO STUDY PHYTOPLANKTON COMMUNITIES	115
ENSING DATA SOIL SUITABILITY FOR SEPTIC TANKS LAND USE	REMOTE SENSING SOIL-WATER RELATIONSHIPS AUTOMATED	546
PLANT ECOLOGY ALL CONSULTANT SERVICES HAVE BEEN WITHOUT	REGENERATION BROAD NATURAL HISTORY ESPECIALLY	210
STRUCTURE AND FUNCTION RENAL MORPHOLOGY IN DESERT MAMMALS	RENAL DEVELOPMENT IN NEONATAL MAMMALS WATER BALANCE	343
MAMMALS SPECIAL EMPHASIS: KIDNEY STRUCTURE AND FUNCTION	RENAL MORPHOLOGY IN DESERT MAMMALS RENAL DEVELOPMENT	343
EMPLOYMENT BREAKABEEN-BLENHEIM PUMPED STORAGE FACILITY	RENSELAEER POLY. INSTITUTE - HIGHLANDS PROJECT SLEEPY	168
RIAL IMPACT SURVEY REVIEW OF TRANSALASKA OIL PIPE IMPACT	REP. ARCTIC MAMMAL PHYSIOLOGY RESEARCH PHYSIOLOGICAL	327
CT INTERACTIONS HOST PLANT RESISTANCE TO ARTHROPODS PEST	REPELLANCE BY REFLECTIVE MULCHES APHID ALARM PHEROMONE	761
MANAGEMENT TROUT STREAM MANAGEMENT TROUT POND MANAGEMENT	REPORTING ON THE EFFECTS OF WATER RESOURCE PROJECTS	96
EG. ECON. AND ECOLOGICAL PLAN SYSTEM MEMBERS OF MY FIRM	REPRESENT THE FULL RANGE OF SCIENCES AS THEY BECOME	268
HEALTH REPROD. WILDLIFE IN S.E. FOREST HABITATS CONTROL	REPROD. DOMESTIC ANIMALS APPL. EGG TRANSFER IN INFERTILE	614
TRANSFER IN INDUCTION TWINS IN CATTLE ECOL. INFL. HEALTH	REPROD. WILDLIFE IN S.E. FOREST HABITATS CONTROL	614
AXONOMIC AND MORPHOLOGICAL KNOWLEDGE OF MARINE ALGAE ITS	REPRODUCTION AND LIFE HISTORY FLORISTIC SURVEY OF	519
E CAPABILITY STUDY COMMUNITY SUCCESSION ON DREDGE ISLAND	REPRODUCTION BIOLOGY OF THE OSPREY ECOLOGY OF	534
ECTS OF ENVIRONMENTAL POLLUTION UPON AVIAN AND MAMMALIAN	REPRODUCTION FULL TIME RESEARCH SINCE 1965 - REPRODUCTION	108
CTION STRIPPED BASS, SAC PERCH, AND SMELT MANAGEMENT AND	REPRODUCTION OF FISH POPULATIONS FREEZING EFFECT	280
URAL CULEX PIPES POPULATIONS REPRODUCTION OF MOSQUITOES	REPRODUCTION OF MOSQUITOES HORMONOMETRIC INSECT	680
ECTICIDES PNEUMONICS OF NATURAL CULEX PIPES POPULATIONS	REPRODUCTION OF MOSQUITOES REPRODUCTION OF MOSQUITOES	680
ISTENT ENVIRONMENTAL CHEMICALS ORGANOCHLORINES AND AVIAN	REPRODUCTION US USSR ENVIRONMENTAL PROGRAM TOXIC	541
D MAMMALIAN REPRODUCTION FULL TIME RESEARCH SINCE 1965 -	REPRODUCTIVE BIOLOGY PITUITARY FSH PHYSIOLOGY	108
OPHORUS TIGRIS VERTEBRATE FAUNA COLORADO NATL. MONUMENT	REPRODUCTIVE BIOLOGY GENERAL ECOLOGY AND SYSTEMS	468
OF SHOKE ON CELL POTENTIALS CARDIAC ELECTROPHYSIOLOGY;	REPRODUCTIVE ENDOCRINOLOGY PHYSIOLOGIST - EFFECTS	411
NESES EFFECT OF DRUGS & HORMONES ON MEIOSIS & OVULATION	REPRODUCTIVE ENDOCRINOLOGY - SPECIAL EMPHASIS ON	667
SH PHYSIOLOGY AND SYSTEMATICS COMPARATIVE ENDOCRINOLOGY	REPRODUCTIVE ENDOCRINOLOGY OF FISHES TROUTS OF	624
ARTHROPOD ASSOCIATIONS COMMUNITY ECOLOGY ECOLOGICAL AND	REPRODUCTIVE ISOLATION IN LYGAEIDS DESERT PLANT	119
ETERMINING MECHANISMS PEANUT SEED IRRADIATION EXPERIMENT	REPRODUCTIVE MORPHOLOGY AND EFFICIENCY OF PEANUT	656
ISHED SURVEY CYTOGENETIC ANALYSIS OF CHROMOSOME ANALYSIS	REPRODUCTIVE PATTERN IN WILD MICE EXPERIMENTAL	78
INTER SPECIFIC BEHAVIORAL EFFECTS OF REPRODUCTIVE SUCCESS	REPRODUCTIVE SUCCESS OF BLUEGILL SUNFISH INTRA-POPULATION	308
SUNFISH INTRA- AND INTER SPECIFIC BEHAVIORAL EFFECTS IN	REPRODUCTIVE SUCCESS REPRODUCTIVE SUCCESS OF BLUEGILL	308
PTILES AMPHIBIANS AS POLLUTION INDICATORS ADAPTATIONS OF	REPTILE BLOOD ENVIRONMENTAL PHYSIOLOGY OF FISHES	561
OOD ENVIRONMENTAL PHYSIOLOGY OF FISHES AMPHIBIANS AND	REPTILES AMPHIBIANS AS POLLUTION INDICATORS ADAP	561
TANT EXTRA-RENAL ELECTROLYTE AND WATER BALANCE IN FISH	REPTILES AND AMPHIBIA ANOXIA AND NA LOSS IN BROOD	530
VE BIOLOGY GENERAL ECOLOGY AND SYSTEMATICS OF SOAMATE	REPTILES HERPETOFAUNA OF CUATRO CIENEGAS BASIN MEXICO	468
RATION PREVENTION INFORMATION SYSTEMS DESIGN CANCER RES.	REPTS. INFORMATION SYSTEMS DESIGN DEAFNESS SCIENTIFIC	774
M WATER FISHES NORTHFIELD MT. PUMPED STORAGE HYDRO-ELEC.	RES. FISH STUDY RESEARCH & MANAGEMENT OF WARM BLOOD	377
IPOLLUTION OF WATER WATER POLLUTION SURVEILLANCE - BEACH	RES. FOR ANTIAMOEBIAC AGENT BIOTECHNICIAN TRAINING	485
TERIORATION PREVENTION INFORMATION SYSTEMS DESIGN CANCER	RES. REPTS. INFORMATION SYSTEMS DESIGN DEAFNESS	774
ONDS CONSULTATION: ANALYZE IMPACT OF NUCLEAR POWER PLANT	RESEARCH: POPULATION DYNAMICS OF Y. PERCH POPULATION	353
H POPULATION BIOLOGY AND COMMUNITY ECOLOGY IN FISHERIES	RESEARCH: ZOOPLANKTON-FISH INTERACTIONS IN PONDS	353
SQUE ISLE BEACH EROSION ENVIRONMENTAL IMPACTS STANNARDS	RESERVOIR ENVIRONMENTAL IMPACT ANALYSIS AND IMPROVEMENT	585
HEIR HABITAT OYSTER CULTCH LINGNOLOGICAL STUDY OF PONTANA	RESERVOIR FISHERY MANAGEMENT ECOLOGY AND LINGNOLOGICAL	441
ASTICALLY DISTURBED AREAS CHEM. PHYS. BIOL. CHANGES IN	RESERVOIR AFTER REHABILITATION BASIC RESEARCH ON	529
ES IN WATER BIOPHYSICAL LINGNOLOGY REGENERATION OF CHEROKEE	RESERVOIR BACTERIAL DISEASES OF WATER MILPOIL DISEASE	409
ROL PROJECT RIBITAN CENTER DREDGING PROJECT ROUND VALLEY	RESERVOIR CONSTRUCTION PROJECT RESEARCH TO DETERMINE	66
GY OF SOUTHWESTERN RESERVOIRS ECOLOGICAL IMPACT OF AUBRY	RESERVOIR ECOLOGICAL SURVEY OF WHITE ROCK LAKE	469
SHERIES MANAGEMENT DETERMINE WAYS TO IMPROVE HABITAT FOR	RESERVOIR FISHERIES	266
Y RIVER GEORGIA WATERSHED EVALUATION TOCKS ISLAND DAM &	RESERVOIR N.Y. N.J. & PA FISH & WILDLIFE CHEMICAL	522
GOOD FISHING FOOD OF FORAGE FISH IN TWO LARGE RESERVOIRS	RESERVOIR POPULATION ESTIMATION RAINBOW TROUT SP	246
EMS NEUROPHARMACOLOGY OF PYRETHRUM WATER QUALITY STUDIES	RESERVOIR SYSTEMS MASSACHUSETTS WATER QUALITY	104
ROOKHAVEN LANDFILLS NEW YORK ENVIRONMENTAL IMPACT TITUS	RESERVOIR TEXAS ENVIRONMENTAL PLAN TRINITY RIVER	792
RESEARCH BIOLOGIST AGE AND GROWTH STUDIES ON FISHES OF A	RESERVOIR; ALSO SAMPLING TECHNIQUES FOR FISHES	322
IGATION IN BLACK CRAPPIE PREDATOR FISH INTRODUCTION IN	RESERVOIRS FISHERY MANAGEMENT AND FISHERY BIOLOGY	61
FACILITY EVALUATION FISHERY MANAGEMENT IN PONDS LAKES	RESERVOIRS AND STREAMS ATLANTIC SURF CLAM - BIOLOGICAL	284
AQUATIC BIOLOGY ENVIRONMENTAL ANALYSES OF THREE PROPOSED	RESERVOIRS BIOLOGICAL MONITORING BIOLOGICAL RECORDS	184
STUDIES LINGNOLOGICAL SURVEY OF THE CLARION AND TIONESTA	RESERVOIRS CONSULTANT - WATER POLLUTION PROBLEMS	495
POLLUTION MONITORING TROPHOGENIC ECOLOGY OF SOUTHWESTERN	RESERVOIRS ECOLOGICAL IMPACT OF AUBRY RESERVOIR	469
SEA BY U.S. FISHERMAN DESCRIBE COMM. FISH. PARAMETERS &	RESERVOIRS IN OKLAHOMA EST. TOTAL FISHING CAPACITY	535
TO PROVIDE GOOD FISHING FOOD OF FORAGE FISH IN TWO LARGE	RESERVOIRS RESERVOIR POPULATION ESTIMATION RAINBOW	246
A WATER PLAN ENVIRONMENTAL ANALYSIS OF THREE PROPOSED	RESERVOIRS WEST VIRGINIA AQUATIC MICROBIAL ECOLOGY	654
TES CONNECTICUT RIVER FOOD COMPETITION BETWEEN SHAD AND	RESIDENT FISH SPECIES FOODS OF FISHES AND FEEDING	190
SLAER POLY. INSTITUTE - HIGHLANDS PROJECT SLEEPY HOLLOW	RESIDENTIAL DEVELOPMENT BREAKABEEN-BLENHEIM PUMPED	168
INTERPRETATIONS FOR LAND USE PLANNING EVALUATE LAND FOR	RESIDENTIAL DEVELOPMENT EVALUATE LAND FOR COMMER	621
OR IN CATTLE TOXICOLOGY STUDIES ON VIRGINIAMYCIN TISSUE	RESIDUES & TOXICOLOGY OF VETERINARY PRODUCTS BI	185
CHLORINATED HYDROCARBONS IN MARINE ECOSYSTEM DETECTED	RESIDUES IN CALIFORNIA CURRENT	154
N BY SMALLER EUROPEAN ELM BEETLE EVALUATION OF PESTICIDE	RESIDUES IN FORESTRY ECOLOGY OF WOOD INHABITING	647
LOGY OF BIRDS AND MAMMALS AND WILDLIFE DISEASES CHEMICAL	RESIDUES IN LIVESTOCK NATIVE RODENTS IN UTAH LTP	99
ISTRY DRUG METABOLISM RESIDUES OF VIRGINIAMYCIN IN SWINE	RESIDUES OF A METHANE INHIBITOR IN CATTLE TOXIC	185
OGY OF VETERINARY PRODUCTS BIOCHEMISTRY DRUG METABOLISM	RESIDUES OF VIRGINIAMYCIN IN SWINE RESIDUES OF A	185
ANCE OF CORN TO H. MAYDIS PHYSIOLOGICAL GENETICS OF PEST	RESISTANCE IN CORN PHYSIOLOGICAL GENETICS OF PE	272
PEST RESISTANCE IN CORN PHYSIOLOGICAL GENETICS OF PEST	RESISTANCE IN PLANTS PEST RESISTANCE IN SWEET CO	272
PHYSIOLOGICAL GENETICS OF PEST RESISTANCE IN PLANTS PEST	RESISTANCE IN SWEET CORN RESISTANCE OF CORN TO H	272
PEST RESISTANCE IN PLANTS PEST RESISTANCE IN SHEET CORN	RESISTANCE OF CORN TO H. MAYDIS PHYSIOLOGICAL GE	272
ID ALARM PHEROMONE PLANT - INSECT INTERACTIONS HOST PLANT	RESISTANCE TO ARTHROPODS PEST REPELLANCE BY REFL	761

TABLE 3 - RESEARCH OF POLLUTION EXPERIENCE AND PRINCIPLE FIELD

SYSTEMS ENVIRONMENTAL - NON-TOXIC FUNGI AND WILDLIFE	474
HIBITION BY METABOLIC BY-PRODUCTS IMMUNOELECTROPHORETIC	605
MEASURE OF TOXICITY AND ACTIVITY BIOLOGICAL TREATMENT OF	85
LAND PLANNING PERTAINING TO ECOLOGY PLANNING A	129
FOACH TO WILDLIFE AND RELATED NATURAL RESOURCES ALLIANCE	255
IMPACT ON WILDLIFE RESOURCE MANAGEMENT PLANS RECREATION	643
AT ASSOCIATIONS AND COMMUNITY SUCCESSION SMITH ISLAND A	534
ECOLOGY EMGP. SOIL SCIENCE IN	524
PLANNING AND DIRECTING ENVIRONMENTAL ANALYSIS OF FEDERAL	407
SIS ENVIRON IMPACT - TERRESTRIAL ECOL - WASTEWATER DISP.	231
COLOGICAL STUDIES ECOLOGICAL STUDY OF DESERT QUAIL WATER	33
ANFORMATION OF FACTORS AFFECTING WILDLIFE PRICING IN WATER	175
ENVIRONMENTAL ASSESSMENT - LAZ. CARL, MICH., MEX. NATURAL	2
ENT ACID MINE DRAINAGE POLLUTION ABATEMENT STODD. NATURAL	747
SURVEILLANCE SPILL PREVENTION APPL. OF EFFS-1 TO FIFTEEN	555
SIS PLANNING & MANAGEMENT RECREATION IMPACT ON WILDLIFE	643
OF ASPEN FOREST PLANT ECOLOGY AND PRIMARY PRODUCTIVITY;	144
MANAGEMENT ECONOMICS AND POLICY ANALYSIS OF ENVIRONMENTAL	175
CID MINE WASTEWATER TREATMENT WORLD HERITAGE TRUST LAMIA	677
OF COMMUNITIES RESOURCE PARTICIPATION TROPICAL ECOLOGY	621
CS OF CONOSTRUCIO STRUCTURE AND DYNAMICS OF COMMUNITIES.	622
RIAL POLLUTION ABATEMENT COSCO CONNECTICUT RIVER MARINE	471
OPERATIONAL HUNTING POTENTIAL LAND USE AND GENERAL WATER	670
SARAKE BAY AND TRIBUTARIES EVALUATING EFFECTS OF WATER	522
TROUT POND MANAGEMENT PROTECTING ON THE EFFECTS OF WATER	96
AS ENVIRONMENTAL IMPACT STATEMENT DVO LIG. POL.	27
LONG-RANGE LAND USE PLANNING FOR FISH AND WILDLIFE	592
FISHTRAP LAKE FERTILITY IMPACTS OF DEVELOPMENT ON NATURAL	509
WASTEWATERS WATERBODIES TRANSPORTATION AND ENVIRONMENTAL	371
SHORE MANAGEMENT GUIDELINES PLANNING & MANAGING NATURAL	471
EFFECTS OF WASTE RESOURCE PROJECTS ON FISH AND WILDLIFE	522
HPS AUTOMATIC DATA PROCESSING CHARACTERIZATION OF SOIL	546
PROBLEM ANALYSIS AND MANAGEMENT SOLUTIONS IN COASTAL ZONE	811
HERIES OF PASSAMAQUODDY BAY DAM INVESTIGATION OF HERRING	615
OTON STUDIES ENVIRONMENTAL POLLUTION CONTROL AND WATER	6
SING BOARD. CHEMISTRY OF SEA WATER OCEAN	443
OGY NANNOPLANKTON - PLANKTON STUDY OF MAINE ESTUARIES OAR	583
F DIVISION COLLEGE HARBORFLOED CONTROL STUDY PAUNAL	130
RAT LAKES WATER LEVELS STUDY IMPACT ASSESSMENT OF WATER	425
ATING: STRESS IN VEG. LAND USE RECREATION AND NATURAL	592
FISHED NUTRIENT BUDGETS - CENTRAL ROCKY MOUNTAIN FOREST	571
WEST ATLANTIC DEVELOPMENT OF COMMERCIAL ANADROMOUS FISH	220
FACTS TO ASSESS ENVIRONMENTAL IMPACT OF LAND - WILDLIFE	169
W YORK MARINAC IN NEW YORK OPERATIONAL USES OF NATURAL	785
ALYSIS SYSTEMS APPROACH TO WILDLIFE AND RELATED NATURAL	255
CT OF LOGGING ON TIMBER OPERATIONS AND WILDLIFE WILDLIFE	762
CTS ON NEW YORK BIGHT BENTHOS DEEP-SEA BENTHIC COMMUNITY	643
BUTION OF ZOOPLANKTON THE EFFECT OF NUTRITION ON GRAVELLY	694
STY INSECT DIAPAUSE - BIOCHEMISTRY INSECT PHOTOPERIODIC	316
UMORS IN VITRO INDUCTION OF BREAST TUMORS RADIATION DOSE	639
VER & DOCTOR HARBER WATER POLLUTION ABATEMENT AND PLANT	610
GLAS FIBER TRAP AND STAIN DATA FROM LOW-LEVEL AERIAL FHCIO	490
HEAVY METAL BIOASSAY WITH MARINE ORGANISM PHYSIOLOGICAL	160
TROUT MANAGEMENT ECOLOGY OF WARM WATER FISH IN NEW YORK	277
LAKE PHOSPHORUS POPULATION DYNAMICS OF FISH POPULATIONS	277
EFFECTS OF HEAVY METALS TO OYSTERS EMERYOR PHYSIOLOGICAL	140
AND PLANT DISTRIBUTION DESERT SHOR WATER STRESS GROWTH	298
AND RADIOISOTOPES IN THE BIOSPHERE NEUTRON AND GAMMA-RAY	526
ANNA-BAY RESPONSE OF SEEDS PLANTS NEUTRON AND GAMMA-RAY	526
LEMENT - ENVIRONMENTALLY INDUCED AND INHERITED SELF-LIM	49
ICAL EFFECTS OF SALICYLATES DIETARY EFFECTS ON METABOLIC	735
REOR WATER POLLUTION ABATEMENT AND PLANT RESPONSE GRASS	610
IN OCEANS PLUTONIUM IN LAKE ONTARIO CESNOCEAN ORGANISM	74
- RIVERS PRUTHIAN COMMUNITY STRUCTURE AQUATIC COMMUNITY	103
SING OF STRE IN PLANT COMMUNITIES LEAF REFLECTANCE AND	592
ARCHITECT ECOLOGICAL EFFECTS OF RECREATED FIRE WILDLIFE	797
NNING SOUTHERN W. VAL ENVIRONMENTAL HEALTH PLAN ROADSIDE	512
MENT REVERSE OSMOSIS TREATMENT OF MINE DRAINAGE ROADSIDE	367
FILLS DECOMPOSITION OF CELLULOSE SOLID WASTE MANAGEMENT	605
F PLANKTON-ALGAE FOOD CHAIN WATER QUALITY CRITERIA LAKE	89
ISOTOPIC HOUSE WUBRAI WATER SMITH FIELD PLANTATION HOUSE	75
EFFECT OF LAYERS ON CORNEA	634
PA NORTH AMERICAN MOUNTAIN INFORMATION	304
CONTINUUM THERMAL POLLUTION DISPOSING WASTE HEAT TO SOIL	642
INVESTIGATION OF OULIST NEUTRON TECHNIQUES ANALYSIS OF	474
T OF WASTE TRAPING EFFECT OF FOLIANTS ON ENVIRONMENT	64
FREEZE DRYING FOOD WASTE ACTIVITY AND FIBER DEGRADATION	367
EVERGLADES NATIONAL PARK FISHES ASMO. POLIARIC SARGASSUM	79
INSECT DISPERSAL INTO GAMMA IRRADIATED GRADIENT COCONUT	191
FOOD ZONE ECOLOGY -	334
NG METHOD FOR EXPLAINING VARIATION IN A FLOUNDER FISHERY	172
D CHEMICAL PROPERTIES OF SOIL CHARACTERIZATION STUDY OF	651
LUTION (ANALYTICAL-PHYSICAL- POLI) GARDER SOIL DISPOSAL IN	803
ARAPAHO PROPORTIONAL TREE IDENTIFICATION SUBETALIA COSTA	555
RESISTANT - WATER BASED OXIDES SPECIALIZED ENVI	474
RESISTANT CANDIDA ALBICANS ULTRACENTRIFUGATION Y	605
RESORTINO WASTEWATER PHYSICAL-CHEMICAL TREATMEN	85
RESORT DEVELOPMENT PLANNING A CAMPSIDE	129
RESOURCE ALLOCATION PROCEDURE WILLIAMSBOU ENVIF	255
RESOURCE ANALYSIS PLANNING & MANAGEMENT PROCAT	643
RESOURCE CAPABILITY STUDY COMMUNITY SUCCESSION O	534
RESOURCE DEVELOPMENT PAO ARCHAEOLOGY ENGR. ARCHA	524
RESOURCE DEVELOPMENT KEOHE LAKE LAND REQUIREMENT	407
RESOURCE ECONOMICS ESPECIALLY WATER AND FISHERY	231
RESOURCE MANAGEMENT WILDLIFE F	33
RESOURCE MANAGEMENT ECONOMICS AND POLICY ANALY	175
RESOURCE MANAGEMENT - ENVIRONMENTAL EFFECTS OF D	2
RESOURCE MANAGEMENT ENVIRONMENTAL IMPACT STUDY	747
RESOURCE MANAGEMENT PHOTOPERIODISM AND ECOLOGY O	555
RESOURCE MANAGEMENT PLANS RECREATION RESOURCE O	643
RESOURCE MANAGEMENT PRIMARY PRODUCTIVITY IN SALT	144
RESOURCE MANAGEMENT TRANSFORMATION OF FACTORAL M	175
RESOURCE MANAGEMENT EFFECTS OF SURFACE MINING ON	677
RESOURCE PARTITIONING OF TROPICAL EPiphyTES STOD	621
RESOURCE PARTITIONING TROPICAL BIOLOGY RESOURCE	622
RESOURCE PLANNING LONG ISLAND NY SHORE MANAGE	471
RESOURCE PLANNING; HABITAT MANAGEMENT FOR GAMEBI	670
RESOURCE PROJECTS ON FISH AND WILDLIFE RESOURCES	522
RESOURCE PROJECTS UPON FISH AND WILDLIFE POND MA	96
RESOURCE RECYCLING CONVERSION OF WASTE TO FUEL G	27
RESOURCES	592
RESOURCES NATURAL SCIENTIST IN THE FIELD OF WAT	509
RESOURCES WATER POLLUTION CONTROL WITH BIOLOGIC	371
RESOURCES - SOCIAL ECONOMIC ENVIRONMENTAL INS	471
RESOURCES ALCOVY RIVER GEORGIA WATERSHED EVALUA	522
RESOURCES APPLICATIONS OF REMOTE SENSING DATA SO	546
RESOURCES COASTAL ZONE MGT. IN CHESAPEAKE BAY W	811
RESOURCES IN NEW ENGLAND STUDY OF FUNGUS DISPER	615
RESOURCES MANAGEMENT ENVIRONMENTAL PLANNING ENVI	6
RESOURCES NEW YORK BIGHT ATOMIC SAFETY AND LICEN	443
RESOURCES OF MAINE AQUACULTURE POTENTIAL FOR MAI	583
RESOURCES OF SPHART PARK SITE NY CO. NY BEHAVIO	130
RESOURCES PROJECTS ON FISH AND WILDLIFE CABINS B	425
RESOURCES REMOTE SENSING OF STRESS IN PLANT COMM	592
RESOURCES SCIENCES AND ENVIRONMENTAL MANAGEMENT	571
RESOURCES STEAM IMPROVEMENT AND FISHWAY CONSTRU	220
RESOURCES THE TERRESTRIAL FAUNA OF THREE LAKE BR	169
RESOURCES USES OF NON-FARMS RURAL LAND CAMPGRO	785
RESOURCES WILDLAND RESOURCE ALLOCATION PROCEDURE	255
RESOURCES ST. LAWRENCE BASIN VERTEBRATE ECOLOG	762
RESPIRATION ENERGETICS OF PELAGIC SARGASSUM COMM	643
RESPONSE TEMPORAL & SPATIAL VARIATION OF ZOO.	694
RESPONSE - PHOTOMANIP HERBICIDES ON INSECT PESTS	316
RESPONSE FOR RAT BREAST TUMORS EXPERIMENTAL RAD	639
RESPONSE GRASS RESPONSE TO FEEDLOT RUNOFF EFFLU	610
RESPONSE OF DOUGLAS FIF TO UPEA FERTILIZATION D	490
RESPONSE OF ESTUARINE CRAP TO CADMIUM TOXIC EFF	160
RESPONSE OF FISH POPULATION TO REDUCED LOADING O	277
RESPONSE OF FISH TO POLLUTION CONTROL ANADROMOUS	277
RESPONSE OF GREEN CRAB TO METALS HEAVY METAL BI	140
RESPONSE OF SALT MARSH GRASS EFFECTS OF GAMMA BI	298
RESPONSE OF SEEDS PLANTS NEUTRON AND GAMMA-RAY	526
RESPONSE OF SEEDS PLANTS X RAYS ON BOSTON IVY P	526
RESPONSE TO A TERATOGEN IN MICE MECHANISM OF TRY	49
RESPONSE TO COLD EFFECTS OF ENVIRONMENTAL STRES	735
RESPONSE TO FEEDLOT RUNOFF EFFLUENT EVALUATION O	610
RESPONSE TO POLLUTION PROSEOCHEMISTRY OF OCEANS	74
RESPONSE TO POLLUTION RAPID BIOLOGICAL INFORMATIO	103
RESPONSE TO STRESS REMOTE SENSING OF GYPSY MOTH	592
RESPONSE TO WASTEWATER IRRIGATION WILD ANIMAL F	797
REST AREA EVALUATION HELICOPTER DELIVERY OF MEDI	512
REST AREA STUDY SAFETY IN WASTE CRT. PLANTS BIO	367
REST AREA USAGE ACID AND GAS PRODUCTION IN SANIT	605
RESTOCKING POLLUTED STREAM	89
RESTORATION WATER QUALITY CRITERIA; PLANKTON PO	75
RESTORATION & MANAGEMENT MORVEN PARK HISTORIC HO	634
RETINA AND SKIN	304
RETRIEVAL APPLIED TO ECORISTICS AND TAXONOMY FLO	642
REVEGETATION OF SPOIL AND REUSE BANK CROP ECO	474
REVERSE OSMOSIS PURIFICATION OF ACID MINE DRAIN	64
REVERSE OSMOSIS TREATMENT OF MINE DRAINAGE ROADS	367
REVERSIBLE COMPRESSION OF FOOD PRESERVATION OF	79
REVISION & COMPARATIVE BIOLOGY OF TILFISHES MA	191
RHINOCEROS BEETLE PROJECT PESTS OF KICE IN FIJI	334
RHIZOSPHERE MYCORRHIZA PLANT PATHOLOGY	172
RHOPE ISLAND FLOATING TRAP FISHERY TEMPERATURE F	651
RHOPE ISLAND SOILS MINERALOGICAL ANALYSES OF CIA	803
RHODE ISLAND SOUND CORRELATIONS BETWEEN ENV. VAR	555
RICA TREE IDENTIFICATION FOREST SURVEY NW ECUADO	438

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRACTICE FIELD

ATED GRADIENT COCONUT RHINOCEROS BEETLE PLOUET PESIS OF	RICE IN FIJI MORTALITY AND DISPERSAL OF INSECT	334
ECOLOGY OF THE MOHAWK RIVER FLOODPLAINS MAMMALS OF BLUE	RIDGE MOUNTAINS SMALL MAMMALS OF PIEDMONT FOREST	118
ASSOCIATIONS IN RIPPLE WATERS MACROBENTHOS SYNERGISTS OF	RIPPLE COMMUNITIES DIATOM FLUCTUATIONS IN ACID	116
QUATIONS IN ACID MINE WATERS MACROBENTHOS ASSOCIATIONS IN	RIPPLE WATERS MACROBENTHOS SYNERGISMS OF RIPPLE	116
NT REPORT OF I 95 ENVIRONMENTAL STAFF ANALYSIS OF LEGAL	RIGHTS AND DUTIES ARISING FROM THE USE OF THE EN	422
K IN AQUATIC ECOLOGY ECOLOGICAL SURVEY OF THE SCHUYLKILL	RIVER RESEARCH AND SURVEY WOR	554
IRS BIOLOGICAL MONITORING BIOLOGICAL RECOVERY OF CLINCH	RIVER AQUATIC BIOLOGY ENVIRONMENTAL ANALYSES OF	184
IN DECIDUOUS FORESTS MANAGEMENT IMPACTS UPON CONNECTICUT	RIVER ECOLOGICAL MODELS - SIMULATION PLANT ECO	392
TODIES ON KILLIFISHES BIOLOGICAL SURVEY OF LOWER POTOMAC	RIVER ECOLOGY BEHAVIOR AND EVOLUTION OF FRESH	233
GE EFFECT ON ESTUARIES THERMAL EFFECT ON THE CONNECTICUT	RIVER MARINE MICROBIOLOGY ECOLOGY AND TAXONOMY	91
TON OF DELAWARE RIVER BASIN PHYTOPLANKTON OF SUSQUEHANNA	RIVER POPULATIONS ECOLOGY SYSTEMATICS OF FRESH	627
ETERS CRFEX VAL. WATER POLLUTION STUDY ON THE SHENANDOAH	RIVER WATER POLLUTION BIOLOGY EUTROPHICATION ST	324
RAPID INFILTRATION BEDS WASTEWATER STUDIES POP MERRIMACK	RIVER S BOSTON HARBOR WATER POLLUTION ABATEMENT	610
AMICS; EARLY LIFE HISTORY; TAXONOMY OF SCIAENIDAE PARKER	RIVER ALEWIFE MODELLING STUDY MERRIMACK RIVER DI	137
ES WATER POLLUTION OHIO	RIVER ALGAE ECOLOGY PERIPHYTIC DISCS ALGAL VIRUS	359
L SALINITY INTRUSION IN ESTUARINES MATHEMATICAL MODELS;	RIVER AND ESTUARY WATER QUALITY; THERMAL POLLUTI	302
CY COMMITTEE FOR FISHERIES MANAGEMENT OF THE CONNECTICUT	RIVER BASIN PLANNING DESIGN AND CONSTRUCTION O	587
TURE OF SHRIMP AND SHELLFISH OIL SPILL IN THE SCHUYLKILL	RIVER BASIN AQUACULTURE IN LOUISIANA SALT-MARSH	597
EPRODUCTIVE ENDOCRINOLOGY OF FISHES TROUTS OF UPPER KERN	RIVER BASIN CALIFORNIA FISH PHYSIOLOGY AND SYST	624
OF MINING ON OZARK HEADWATER STREAMS WATER QUALITY OF S	RIVER BASIN IN N.E. MO. LIFE HISTORY OF THE EMER	242
WATER ALGAE IN NORTH CAROLINA PHYTOPLANKTON OF DELAWARE	RIVER BASIN PHYTOPLANKTON OF SUSQUEHANNA RIVER	627
IMPACT TITUS RESERVOIR TEXAS ENVIRONMENTAL PLAN TRINITY	RIVER BASIN TEXAS ENVIRONMENTAL IMPACT BROOKHAVE	792
ENTAL IMPACT ANAL. REGIONAL SOLID WASTE MANAGEMENT JAMES	RIVER BASIN WASTE MANAGEMENT PLAN ENVIRONMENTAL	776
ER ECOLOGICAL STUDY EFFECTS OF WATER DIVERSIONS IN CONN.	RIVER BENEFIT-COST ANALYSIS THERMAL POLLUTION A	456
MARINE INVERTEBRATES THERMAL DISCHARGE EFFECTS ON HUDSON	RIVER BENTHOS ENVIRON SURVEY AQUATIC INVERTEBRAT	339
SCIAENIDAE PARKER RIVER ALEWIFE MODELLING STUDY MERRIMACK	RIVER DIVERSION EFFECTS STUDY WEWEANTIC RIVER PI	137
OF WATER RESOURCES PROJECTS ON FISH AND WILDLIFE SABINE	RIVER DIVERSION PROJECT LOUISIANA VIRGINIA CAPE	625
STUDY PREHISTORIC ROMAN ECOLOGY OF US DESERTS REESE	RIVER ECOLOGICAL PROJECT	723
ERS FOOD HABITS OF FISHES OF SCHUYLKILL RIVER SCHUYLPIILL	RIVER ECOLOGICAL STUDY FISH FOOD AND FEEDING HA	698
PHIC LEVELS HARRISBURG FLOOD PROTECTION STUDY SCHUYLKILL	RIVER ECOLOGICAL STUDY ECOLOGICAL STUDY DELAWARE	183
ON THROUGH ADULT FISHES RESEARCH BIOLOGIST - CONNECTICUT	RIVER ECOLOGICAL STUDY EFFECTS OF WATER DIVERSIO	456
POLLUTION NEW JERSEY MARINE ECOLOGICAL STUDY SCHUYLKILL	RIVER ECOLOGICAL STUDY PUFFER TOXIN OF SPHEROID	487
IC ORGANISMS BIOLOGICAL CONTROL IN TROPICAL PONDS MEXICO	RIVER ECOLOGY AQUATIC ECOLOGY; ENVIRONMENTAL PO	414
LF OF MEXICO-BRAZOS RIVER NUCLEAR SITING STUDY MISSOURI	RIVER ECOLOGY THERMAL AND INDUSTRIAL EFFLUENT E	98
VITY POLLUTION CONTROL RADIOACTIVITY MEASUREMENT HUDSON	RIVER ECOLOGY TRACE ELEMENTS IN URBAN ATMOSPHERE	204
SSMENT OF COMMUNITIES EVALUATION OF OYSTER BEDS IN JAMES	RIVER EFFECT OF HIGHWAY CONSTRUCTION ON BOTTOMS	444
ECOSYSTEMS BENTHOS THERMAL EFFECTS ON BENTHOS OF HUDSON	RIVER EFFECTS OF OIL FIELD BRINE ON TEXAS ESTUAR	788
UYLKILL RIVER ECOLOGICAL STUDY ECOLOGICAL STUDY DELAWARE	RIVER ESTUARY AQUATIC; THERMAL SEWAGE CONSTRUCT	183
FLORA THE FLORA OF LONG ISLAND THE MARSHES OF THE COOPER	RIVER ESTUARY ENVIRONMENTAL IMPACT STUDIES I-IV	687
IC ECOLOGY-FOOD CHAIN DYNAMICS MACROBENTHOS OF CAPE PEAR	RIVER ESTUARY FOOD CHAIN DYNAMICS STUDIES - AQUA	720
TON FISHERIES ANADROMOUS CLUPEID FISHERIES- SUSQUEHANNA	RIVER EUTROPHICATION OF BUSH RIVER GREAT AMERICA	222
STUDY MERRIMACK RIVER DIVERSION EFFECTS STUDY WEWEANTIC	RIVER FISHERIES PROGRAM ESTUARINE FISHERIES; PO	137
S; ECOLOGY OF WETLAND ENVIRONMENTS ECOLOGY OF THE MOHAWK	RIVER FLOODPLAINS MAMMALS OF BLUE RIDGE MOUNTAIN	118
CIFIC LEVEL LOCATION OF SHAD SPawning SITES CONNECTICUT	RIVER FOOD COMPETITION BETWEEN SHAD AND RESIDENT	190
PEID FISHERIES- SUSQUEHANNA RIVER EUTROPHICATION OF BUSH	RIVER GREAT AMERICA PROJECT AQUATIC BIOLOGY-PRE	222
HERMAL PREDICTIVE STUDIES ECOLOGICAL STUDIES CONNECTICUT	RIVER HYDROGRAPHIC STUDY MAINE YANKEE HAMPTON HY	689
VER BENTHOS ENVIRON SURVY AQUATIC INVERTEBRATE PMPARRAS	RIVER ILLINOIS FRESH WATER AND ESTUARINE INVERT	339
ATING STATION ECOLOGICAL INVESTIGATION OF THE SCHUYLKILL	RIVER IN THE VICINITY OF THE BARBADOES & CROMBY	337
RIVER SYSTEM ECOLOGICAL INVESTIGATION OF THE SCHUYLKILL	RIVER IN THE VICINITY OF THE LIMERICK NUCLEAR GE	337
INSTIT INDUSTRIAL POLLUTION ABATEMENT COSTS CONNECTICUT	RIVER MARINE RESOURCE PLANNING LONG ISLAND NY	471
OR DESIGN NAVY ENVIRONMENTAL PROTECTION DATA BASE BEAVER	RIVER MODELING PROJECT APPLICATION OF SYSTEMS A	50
ATES; COLLECTION & ANALYSIS ECOLOGICAL STUDY OF DELAWARE	RIVER NEAR BORDENTOWN NJ NJ MARINE ECOLOGICAL S	457
OASTAL ESTUARY CHEMICAL EFFLUENTS GULF OF MEXICO-BRAZOS	RIVER NUCLEAR SITING STUDY MISSOURI RIVER ECOLO	98
TER LAKE ENVIRONMENTAL IMPACT OF ROWLEBURG DAM ON CHEAT	RIVER POPULATION STUDY OF FRESHWATER SNAIL VIVIP	673
NGO MUDDY RUN PROJECT MASS COOP FISHERY UNIT CONNECTICUT	RIVER PROJECT LIFE HISTORY OF ANADROMOUS SPECIE	226
N DYNAMICS NEST SITE SELECTION IN WILD TURKEYS ALLEGHENY	RIVER PROJECT WILD TURKEY PRESEASON BANDING ORN	285
ING HABITS IN RIVERS FOOD HABITS OF FISHES OF SCHUYLKILL	RIVER SCHUYLKILL RIVER ECOLOGICAL STUDY FISH PO	698
FRESHWATER FISHERIES MANAGEMENT-IN NORTH AMERICA CLINCH	RIVER SURVEY	26
NTAL POLLUTION INSTREAM MONITORING TECHNIQUES IN A LARGE	RIVER SYSTEM ECOLOGICAL INVESTIGATION OF THE SCH	337
IOLOGICAL EFFECTS OF INDUSTRIAL COMPLEXES ON THE KANAWHA	RIVER USE OF CRUDE BIOASSAY TECHNIQUE IN ENDRIN	282
STUDY PAONAL AND FLORAL CENSUS AND IMPACT RAPPAHANNOCK	RIVER WETLANDS IMPACT STUDY PHYTOPLANKTON ECOLO	459
EN HARBOR CONN. ENVIRONMENTAL IMPACT STATEMENT - THAMES	RIVER CONN. EVALUATING ENVIRONMENTAL IMPACTS I	729
MANAGEMENT OF ENVIRONMENTAL FIELD STUDIES DREDGING THAMES	RIVER CT BLASTING IMPACT MARINE COVE INLAND WET	80
RESOURCE PROJECTS ON FISH AND WILDLIFE RESOURCES ALCOVE	RIVER GEORGIA WATERSHED EVALUATION TOCKS ISLAND	522
NS AND POPULATION DYNAMICS ALEWIFE UTILIZATION OF PARKER	RIVER MASSACHUSETTS FISHERIES BIOLOGY - BASIC	581
R PA EIS MAINTENANCE DREDGING ST. CATHERINE SD POTOMAC	RIVER MD MARINE FISHERIES BIOLOGY; AGE-GROWTH	48
STUARIES AND COASTAL WATERS POWER PLANT ECOLOGY - HUDSON	RIVER NEW YORK POWER PLANT ECOLOGY - NEW HAVEN	729
VIRONMENTAL IMPACT STATEMENT WYOMING VALLEY SUSQUEHANNA	RIVER PA EIS MAINTENANCE DREDGING ST. CATHERINE	48
CATION IN MARINE SCIENCE CATFISH MANAGEMENT IN THE JAMES	RIVER VIRGINIA	PUBLIC EDU
R MARK IN RIVERBANK VEGETATION ESTABLISH HIGH WATER MARK	RIVERBANK VEGETATION CONTROL OF WATERWEEDS IN LA	413
IC PLANTS - MINERAL CYCLING ESTABLISH HIGH WATER MARK IN	RIVERBANK VEGETATION ESTABLISH HIGH WATER MARK R	306
S RESERVOIR SYSTEMS MASSACHUSETTS WATER QUALITY STUDIES	RIVERINE SYSTEMS MASS. PHYSIOLOGY AND TOXICOLO	104
RIVER ECOLOGICAL STUDY FISH FOOD AND FEEDING HABITS IN	RIVERS FOOD HABITS OF FISHES OF SCHUYLKILL RIVER	698
NNING ELECTRON MICROSCOPY OF ACHENES ESTUARINE PLANTS OF	RIVERS NEAR PHILADELPHIA SYSTEMATICS OF CYPERAC	628
RAPID BIOLOGICAL INFORMATION SYSTEMS RECOVERY OF DAMAGED	RIVERS PROTOZOAN COMMUNITY STRUCTURE AQUATIC CO	103
DUMPING LAKE SUPERIOR ECOLOGICAL WATER QUALITY ANALYSES	RIVERS-LAKES POPULATION BIOLOGY THERMAL-ACID DR	387
ING WITH PLANTS INFLUENCE OF OZONE ON PLANT PROTEINS AND	RNA EFFECT OF ETHYLENE ON FLOWER PIGMENTS STRES	155
R POLLUTANTS ELECTRON MICROSCOPY OF VIRUSES INHIBITOR OF	RNA SYNTHESIS MAMMALIAN CELL CULTURE CELL CULTU	219
T CELL AND TISSUE CHANGES DURING DEVELOPMENT	RNA-INDUCED METAPLASTA CELLS OF MAMMALIAN OVIDUC	259
ON WESTERN NY POSSIBLE JET POPULATION TRYING TO KEEP CEF	ROAD VEHICLES OUT OF POSTED & WILDLIFE AREAS SET	489
MARINE ORDINANCE TERMINAL BRIDGE-TUNNEL CROSSING HAMPTON	ROADS DREDGE AND FILL PINE KNOLL SHORES BOGUE BA	198
OGICAL IMPACT OF GATHEIGHT DAM SITE LOCATION POP HAMPTON	ROADS SPOIL BANK ECOLOGY AND SYSTEMATICS OF FIS	62
G AND PLANNING SOUTHERN W. VA. ENVIRONMENTAL HEALTH PLAN	ROADSIDE REST AREA EVALUATION HELICOPTER DELIVER	512
N ENVIRONMENT REVERSE OSMOSIS TREATMENT OF MINE DRAINAGE	ROADSIDE REST AREA STUDY SAFETY IN WASTE TRT. PL	367
RSITY OF MD SECTOR OF PAINT BR. FACT & CHEM STUDY OF THE	ROCK CREEK WATERSHED ENVIR. POLLUTION; WATER PO	688

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

CAL IMPACT OF AUBRY RESERVOIR ECOLOGICAL SURVEY OF WHITE	ROCK LAKE AQUATIC ECOLOGY - EUTROPHICATION PROC	469
N ECOLOGY AND BEHAVIOR COMPARATIVE STUDIES OF CANYON AND	ROCK WRENS BEHAVIOR SYMPARTIC ARIZONA GRASSLAND	730
ASSESSMENT SMOOTH MAMMOTH REG. SEW. AUTH. ENV. ASSESSMENT	ROCKAWAY VALLEY RES. SEW. AUTH. ENV. ASSESSMENT	467
	ROCKS ISLAND DAM LUMBER NUCLEAR STATION	363
VITY - SOIL FACTORS WATERSHED NUTRIENT BUDGETS - CENTRAL	ROCKY MOUNTAINS FOREST RESOURCES SCIENCES AND E	571
TIFIC AREA COUNCIL SURVEY. FOREST STRUCTURE & DYNAMICS	ROCKY MOUNTAINS COLORADO NATURAL AREA EVALUATI	543
ENOGRAPHY ON ISLANDS POPULATION ECOLOGY AND GENETICS OF	RODENTS GENETICS OF MOUSE POPULATION CYCLPS POPU	712
WILDLIFE DISEASES CHEMICAL RESIDUES IN LIVESTOCK NATIVE	RODENTS IN UTAH LIFE HISTORY AND ECOLOGY OF BIRD	99
ION OF PLANTS AIR POLLUTION INHIBITION OF PHOTOSYNTHESIS	ROOT EXUDATES AND ECOLOGY OF ROOT PATHOGENS PAT	664
ZAE SOIL SYSTEMS-PLANT	ROOT INTERACTIONS SOIL ORGANIC MATTER MYCORRH	288
INHIBITION OF PHOTOSYNTHESIS ROOT EXUDATES AND ECOLOGY OF	ROOT PATHOGENS PATHOLOGY OF WOODY PLANTS IN URB	664
S SYSTEM ANALYSIS DECIDUOUS FOREST ECOSYSTEM FOREST TREE	ROOT SYSTEMS CROWN STEM RELATIONSHIPS IN FOREST	702
PATHOLOGY	ROOT ZONE ECOLOGY - RHIZOSPHERE MYCORRHIZA PLANT	172
SIS OF VESSELS EFFECTS OF TEMPERATURE AND TOXICITY OF F.	ROSEOLA HAZARD ASSOCIATED WITH SHIP AND BREAKWA	616
KE FLOOD CONTROL PROJECT MARITAN CENTER DEPENDING PROJECT	ROUND VALLEY RESERVOIR CONSTRUCTION PROJECT RES	66
OF THE SAN FRANCISCO VALLEY N.M. WESTERN N.M. POWERLINE	ROUTE IMPACT TUCSON GAS & ELECTRIC STUDIES IN G	345
CLE - NEW ENGLAND HARDWATER LAKE ENVIRONMENTAL IMPACT OF	ROWLESBURG DAM ON CHEAT RIVER POPULATION STUDY O	673
POLLUTANTS WATER QUALITY PROTECTION & SUPPLY PROGRAM PORT	ROYAL ESTUARINE STUDY LAKE SEBASTICOOK EUTROPHIC	393
VEGETATION BREEDING BEHAVIOR OF MALE WOODCOCK ECOLOGY OF	RUFFED GROUSE IN MAINE WILDLIFE ECOLOGY AND WIL	616
GRAY SQUIRREL POPULATIONS EFFECTS OF HUNTING PRESSURE ON	RUFFED GROUSE POPULATIONS THE DEVELOPMENT AND I	493
AND OPERATION OF FISHWAYS ICHTHY ASSOC. CONOHINGO MUDDY	RUN PROJECT MASS COOP FISHERY UNIT CONNECTICUT R	226
ENTS DOMESTIC EFFLUENT IN LAKE WATER SUPPLIES STRIP MINE	RUNOFF IN PARK WATER SHED FEEDING ECOLOGY OF PI	750
N ABATEMENT AND PLANT RESPONSE GRASS RESPONSE TO FERTIL	HUNCFE BEELUNG EVALUATION OF RAPID INFILTRATION	610
OF HUMAN MALARIA TO ANIMAL MODELS MEDICAL ENTOMOLOGY OF	RURAL ARGANISTAN EFFECT OF MICROSPORIDIAN PARASIT	755
RECREATIONAL USES OF NATURAL RESOURCES USES OF NON-FARME	RURAL LAND CAMPGROUNDS AND CAMPERS IN NEW YORK M	785
S TO WATER POLLUTION STUDIES ON THE HYDOLYTIC ENZYMES OF	S. ANDREUS MICROPAL PHYSIOLOGY AND BIOCHEMISTRY	648
LOGICAL PROBLEMS HIBERNAL DISTRIBUTION OF COTTONTAILS IN	S. ONTARIO WOODLOT FLORIDA CREEL SURVEY PROGRAM	462
TWINS IN CATTLE ECOL. INFL. HEALTH REPROD. WILDLIFE IN	S.E. FOREST HABITATS CONTROL REPROD. DOMESTIC AN	614
ST U.S. FRESHWATER FISHES SURVEY RARE ENDANGERED FISHES	S.E. D.S. PREIMPONDMENT SURV. PUMP STORAGE PROJ	369
Y SOIL MITES (ORIBATEI) LIFE HISTROY STUDIES TAXONOMY	SABBATICAL - UNIV. MYSORE TOXOPLASMOSES ACAROLO	633
ASSESSMENT OF WATER RESOURCES PROJECTS ON FISH AND WILDLIFE	SABINE RIVER DIVERSION PROJECT LOUISIANA VIRGIN	625
ZING EFFECTS ON WALLEYE SEMEN INTRODUCTION STRIPED BASS	SAC PERCH AND SMELT MANAGEMENT AND REPRODUCTIO	280
ISTRY OF SEA WATER OCEAN RESOURCES NEW YORK BIGHT ATOMIC	SAFETY AND LICENSING BOARD CHEM	443
SSIONS FROM FRAMINGHAM PLANT DETERMINATION OF HEALTH AND	SAFETY HAZARDS BIODEGRADATION AND AQUATIC TOXICO	31
OSIS TREATMENT OF MINE DRAINAGE ROADSIDE REST AREA STOEY	SAFETY IN WASTE TRT. PLANTS BIOLOGICAL ASPECT OF	367
LOGY OF COLO-CLOODED VERTEBRATES LIFE HISTORY OF WEBERIES	SALAMANDER ECOLOGY OF A POPULATION OF GREAT PLAI	295
ECOLOGY OF AQUATIC HABITATS - RESEARCH WITH PLETHOCENT	SALAMANDERS	639
ECOLOGY AND SYSTEMATICS OF FISHES BIOLOGICAL SURVEY OF	SALEM CHURCH DAM SITE BIOLOGICAL IMPACT OF GATHE	62
ENTAL TEMPERATURE ON DIABETICS TERATOLOGICAL EFFECTS OF	SALICYLATES DIETARY EFFECTS ON METABOLIC RESPGNS	238
ROBIOLOGICAL CHANGES DURING OIL DEGRADATION IN ECOSYSTEM	SALINITY EFFECTS ON USE OF HYDROCARBONS ELEVATED	549
ARY NETWORKS SUBMERGED DIFFUSERS FOR WASTE HEAT DISPOSAL	SALINITY INTROSION IN ESTUARINES MATHEMATICAL M	302
ELS; RIVER AND ESTUARY WATER QUALITY; THERMAL POLLUTION;	SALINITY INTROSION TRANSIENT WATER QUALITY IN ES	302
OF SEA WATER REGIONAL VARIATIONS IN MAJOR IONS MEMBRANE	SALINOMETER SEA SALT COMPOSITION AND VARIATION	453
UT FISHING QUALITY PREDATION ON NEWLY STOCKED LANDLOCKED	SALMON APPLIED PRACTICAL RESEARCH AND MANAGEME	73
ISH POPULATIONS FREEZING EFFECTS ON FISH SEMEN ATLANTIC	SALMON FREEZING EFFECTS ON WALLEYE SEMEN INTROD	280
TLANTIC SURF CLAM - BIOLOGY AND COMMERCIAL CATCH PACIFIC	SALMON PASSAGE FACILITY EVALUATION FISHERY MANA	284
OF NUCLEAR POWER PLANTS FEEDING HABITS OF PINK AND CHUM	SALMON SECONDARY PRODUCTION OF MARINE PELAGIC ZO	382
PEAKE BAY BIOLOGY OF THE GOODECK CLAM HIGH SEAS PACIFIC	SALMON STUDIES BIOLOGY AND MANAGEMENT OF COMMER	14
COMPANY EFFECTS OF PUMP STORAGE POPULATION DYNAMICS OF	SALMONIDS AND MACROINVERTEBRATES CORNING GLASS W	619
EE HISTORIES OF AND FISHERIES FOR ANADROMOUS FISHES (NCT	SALMONIDS) ANADROMOUS FISHES OF ALBEMARLE SOUND	704
S; TREE PHYSIOLOGY MEASUREMENT OF WATER STRESS IN PLANIS	SALT AND WATER ABSORPTION EFFECT OF FLOODING ON	403
IONAL VARIATIONS IN MAJOR IONS MEMBRANE SALINOMETER SEA	SALT COMPOSITION AND VARIATION IN SEDIMENTS AND	453
AND DAM - ENV. IMPACT STATEMENT ENVIRONMENTAL ANALYSIS OF	SALT CREEK LAKE SCOPE & STUDY PLAN PLANNING AND	407
AND AMPHIBIA ANOXIA AND NA LOSS IN PROCK TPOUT AT LOW PH	SALT GLAND OF SEA SNAKES ION AND WATER BALANCE O	530
OVER ECOLOGY OF DIAPENSIA ABLES PICEA SYSTEMS MODEL OF	SALT MARSH ECOLOGY OF HARSH ENVIRONMENT PLANTS	727
S AND MODELS OF ESTUARINE AREAS ECOLOGY OF A NEW ENGLAND	SALT MARSH ECOLOGICAL MODEL OF NARRAGASSETT BAY S	528
POPULATION ECOLOGICAL SURVEY COASTAL REGION OF GEORGTIA	SALT MARSH ECOLOGY WITH EMPHASIS ON ENERGY FLOW	635
DISTRIBUTION DESERT SHRUB WATER STRESS GROWTH RESPONSE OF	SALT MARSH GRASS EFFECTS OF SWAMP FILLING AT CON	298
AE EFFECTS OF LARVICIDES ON MICROCRUSTACEANS ECOLOGY OF	SALT MARSH MEIOFAUNA ROLE OF KILLIFISH IN SALT M	600
PRODUCTIVITY & PLANT EXPORT POLLUTION OF COASTAL WATERS	SALT MARSH MICROCOSMS: A POLLUTION TOOL EFFECT O	504
SEA PARTICULARLY MARINE MEIOFAUNA MEIOFAUNA ENERGETICS	SALT MARSH POLLUTION MEFAUNA NORTH ADRIATIC D	151
NS ECOLOGY OF SALT MARSH MEIOFAUNA ROLE OF KILLIFISH IN	SALT MARSH POOL DYNAMICS EFFECTS OF ORGANOPHOSPH	600
CROCOSMS: A POLLUTION TOOL EFFECT OF OIL ON MARINE BIOTA	SALT MARSH PRODUCTIVITY & PLANT EXPORT POLLUTIO	504
RESOURCE MANAGEMENT PRIMARY PRODUCTIVITY IN SALT MARSPES	SALT MARSH SEED GERMINATION PRIMARY PRODUCTIVITY	144
OIL POLLUTION MJD-WATER TO BENTHIC ECOLOGY EXPERIMENTAL	SALT MARSH STUDY OIL POLLUTION BASELINE STUDY CO	719
ENERGY TRANSFER IN PLANT SYSTEMS GROWTH REQUIREMENTS OF	SALT MARSH VEGETATION PHYSIOLOGY OF TORPGRASS UN	349
LOGY OF MARINE WETLANDS FIFTY YEAR CHANGE IN A SELECTED	SALT MARSH WETLANDS STUDY OF SOUTHAMPTON TOWN NE	675
VIEW ON EFFECTS OF HEAVY METALS IN WATER WINTER ECOLOGY	SALT MARSHES AND BLACK DUCKS ORNITHOLOGY WITH S	274
RODUCTIVITY; RESOURCE MANAGEMENT PRIMARY PRODUCTIVITY IN	SALT MARSHES SALT MARSH SEED GERMINATION PRIMARY	144
INGS GRASSLAND PRODUCTION AND METHODS PLANT ECOLOGISTS	SALT MARSHES DECIDUOUS FORESTS DELAWARE ESTUARY	264
TUARY ENVIRONMENTAL IMPACT STUDIES I-IV, SOUTH CAROLINA	SALT MARSHES SAND DUNES SOUTHEAST FLORA LONG	687
AGEMENT STUDY-STATE OF MASSACHUSETTS-PAYTHEON SURVEY OF	SALT MARSHES-QUINCY MASSACHUSETTS VERMONT SOLID	362
IC DIVERSITY DEEP SPA MEIOFAUNA MARINE BENTHIC ECOLOGY	SALT MARSH ECOSYSTEM DEEP SEA PARTICULARLY MAR	151
L IN THE SCHUYLKILL RIVER BASIN ACQUACULTURE IN LOUISIANA	SALT-MARSH IMPONDMENT SHELLFISH HATCHERY IN CHE	597
S FROM PHYTOPLANKTON: DUR 48 MOSQUITO CONTROL DITCHES IN	SALIMARSHES PHOSPHORUS CYCLING IN NATURAL MARIN	406
ECOLOGY CONSULTATION FOR THE PURCHASE OF AIR PARTICULATE	SAMPLING EQUIPMENT PLANT PHYSIOLOGICAL ECOLOGY	477
CE OF TOWING SPEED ON CATCH PLANKTON & NEKTON SAMPLING	SAMPLING INSTRUMENTATION ADMINISTRATION ROLE OF	22
ATION MAP SOUTHAMPTON NY FROM AIR PHOTOS FOREST ECOLOGY	SAMPLING METHODS STATISTICAL STUDIES ALPINE A	41
T AGE AND GROWTH STUDIES ON TILES OF A PSE-VOIP; ALSO	SAMPLING TECHNIQUES FOR FISHES SE RESEARCH BIOL	322
OF INFLUENCE OF TOWING SPEED ON CATCH PLANKTON & NEKTON	SAMPLING SAMPLING INSTRUMENTATION ADMINSTRATIO	27
AVIAN EVOLUTION TAXONOMY GEOGRAPHY RESURVEY OF THE	SAN FRANCISCO VALLEY N.M. WESTERN N.M. POWERLIN	345
EE AREAS SETTING ASIDE ARES OF WILDLIFE REFUGES OF BIRD	SANCTUARIES ORNITHOLOGY IN NIAGARA FRONTIER REG	489
ENTAL IMPACT STUDIES I-IV, SOUTH CAROLINA SALT MARSHES	SAND CONES SOUTHEAST FLORA LONG ISLAND FLOTA T	687
EGETATIVE FOREDUNE CONSTRUCTION AND SHORLINE PROTECTION	SAND STABILIZATION FOREDUNE CONSTRUCTION VEGETAT	800
TE MANAGEMENT REST AREA USAGE SOLE AND GAS PRODUCTION IN	SANITARY LANDFILLS DECOMPOSITION OF CELLULOSE S	808

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TIC FUNGI MODELING OF ANTARCTIC ECOSYSTEMS PARASITIC AND	SAPROPHYTIC ANTARCTIC FUNGI ECOLOGY AND TAXONOMY	534
-SEA BENTHIC COMMUNITY RESPIRATION ENERGETICS OF PELAGIC	SARGASSUM COMMUNITY ENERGETICS OF MARINE COMMUN	661
IN TOADFISH SWIMBLADDERS BRAIN STIMULATION IN TOADFISH	SARGASSUM COMMUNITY ECOLOGY FAUNAL VARIATION ON	218
KS OF THE EVERGLADES NATIONAL PARK FISHES ASSOC. PELAGIC	SARGASSUM REVISION & COMPARATIVE BIOLOGY OF TILE	191
SARGASSUM COMMUNITY ECOLOGY FAUNAL VARIATION ON PELAGIC	SARGASSUM SEXUAL DIMORPHISM IN TOADFISH SWIMBLAD	218
E TOXICITY OF PESTICIDES TO FISHES COPEPODS SCREENING OF	SAT. HYDROCAFEON AS POULTRY MITICIDES EVALUATION	394
HWAY I-88, NEW YORK VARIED RADIO TELEMETRY STUDY OF THE	SAW-WHET OWL ECOLOGY OF THE PINE VOLE REVIEW 104	227
CP INDUSTRIAL AND MUNICIPAL SEWAGE SLUDGES CORROSION AND	SCALE INHIBITORS POLYELCPHOLYTES FOR POLLUTION	794
WATER CURRENT AND SCALLOP GROWTH FOOD CONCENTRATION AND	SCALLOP GROWTH AQUACULTURE OF MARINE SUSPENSION	396
UACULTURE OF MARINE SUSPENSION-FEEDERS WATER CURRENT AND	SCALLOP GROWTH FOOD CONCENTRATION AND SCALLOP GR	396
ATICS OF CYPRIPACEAE SYSTEMATIC LEAF ANATOMY OF RULPUSSES	SCANNING ELECTRON MICROSCOPY OF ACHENES ESTUARIN	628
ETEPHATES BIOGEOGRAPHY COMP. DCF. CYTOGENETICS & EVCL.	SCPIORCRUS LIZARDS EVOLUTION COMPARATIVE POPUL	297
SHELLFISH DISEASES MOLLUSCAN BIOLOGY SHELLFISH DISEASES	SCHISTOSOMIASIS SNAIL CONTROL PARASITES OF FISH	123
FISHERY SCIENCE EFFECT OF TEMPERATURE AND DIET ON GROWTH	SCHOHARIE VALLEY ECOLOGICAL STUDY	163
SCHOOL SITES HUMAN RELATIONSHIPS WITH ENVIRONMENT USING	SCHOOL ENVIRONMENTS FOR TEACHING EXPERIENCES BUR	121
S BURNING TO PROMOTE PRAIRIE PLANT SPECIES PLANTINGS FOR	SCHOOL SITES HUMAN RELATIONSHIPS WITH ENVIRONME	121
ING GULLS POPULATIONS MARINE SCIENCE LABORATORY FOR HIGH	SCHOOLS ENVIRONMENTAL EDUCATION COURSES - COLLE	292
SURVEY WORK IN AQUATIC ECOLOGY ECOLOGICAL SURVEY OF THE	SCHUYLKILL RIVER RESEARCH AND	554
AY AQUACULTURE OF SHRIMP AND SHELLFISH OIL SPILL IN THE	SCHUYLKILL RIVER BASIN AQUACULTURE IN LOUISIANA	597
BITS IN RIVERS FOOD HABITS OF FISHES OF SCHUYLKILL RIVER	SCHUYLKILL RIVER ECOLOGICAL STUDY FISH FOOD AND	698
TES AND TROPIC LEVELS HARRISBURG FLOOD PROTECTION STUDY	SCHUYLKILL RIVER ECOLOGICAL STUDY ECOLOGICAL STU	183
VIROUNENTAL POLLUTION NEW JERSEY MARINE ECOLOGICAL STUDY	SCHUYLKILL RIVER ECOLOGICAL STUDY PUFFER TOXIN O	487
CLEAR GENERATING STATION ECOLOGICAL INVESTIGATION OF THE	SCHUYLKILL RIVER IN THE VICINITY OF THE BARBADOE	337
IN A LARGE RIVER SYSTEM ECOLOGICAL INVESTIGATION OF THE	SCHUYLKILL RIVER IN THE VICINITY OF THE LIMEPICK	337
OD AND FEEDING HABITS IN RIVERS FOOD HABITS OF FISHES OF	SCHUYLKILL RIVER SCHUYLKILL RIVER ECOLOGICAL STU	698
ES; POPULATION DYNAMICS; EARLY LIFE HISTORY; TAXONOMY OF	SCIAENIDAE PARKER RIVER ALEWIFE MODELLING STUDY	137
CONSULTATION RESEARCH TESTING LIFE	SCIENCES	235
TEACHING ENVIRONMENTAL	SCIENCES AND ECOLOGY OF INVERTEBRATES	199
IFNT BUDGETS - CENTRAL ROCKY MOUNTAINS FOREST RESOURCES	SCIENCES AND ENVIRONMENTAL MANAGEMENT PRIMARY PR	571
N SYSTEM MEMBERS OF MY FIRM REPRESENT THE FULL RANGE OF	SCIENCES AS THEY BEAR UPON THE ENVIRONMENT EFFLU	268
OF THROMBOCYTES AND LYMPHOCYTES FROM AVIAN BLOOD BASIC	SCIENCES RELATED TO VETERINARY MEDICINE EVALUATI	752
SYSTEMS PLANT AND SOIL	SCIENCES AND THEIR RELATIONSHIP TO ECOLOGICAL S	505
ECOLOGY CHEMISTRY MICROBIOLOGY & PATHOLOGY IN THE HEALTH	SCIENCES/PARAMEDICAL FILMS ANATOMY PHYSI	629
POPULATIONS SUCCESSION CONSULTANT & EMPLOYEE - WISCONSIN	SCIENTIFIC AREA COUNCIL SURVEY, FOREST STRUCTUR	543
CANCER RES. REPTS. INFORMATION SYSTEMS DESIGN DEAFNESS	SCIENTIFIC INFORMATION SYSTEMS AND SERVICES; MAT	774
URCES IN NEW ENGLAND STUDY OF FUNGUS DISEASE OF HERRING	SCIENTIFIC REVIEW AND EDITING OF OCEANIC MANUSCR	615
ECOLOGY MARINE-ESTUARINE ECOLOGY; SCIENCE ADMINISTRATION;	SCIENTIFIC WRITING MEMBER PRESIDENT'S WATER POLL	112
UNDARY LAYER MEASUREMENT OF ATMOSPHERIC TURBULENCE LASER	SCINTILLATION STUDIES ATMOSPHERIC TURBULENCE IN	773
IMPACT STATEMENT ENVIRONMENTAL ANALYSIS OF SALT CREEK LAKE	SCOPE & STUDY PLAN PLANNING AND DIRECTING ENVTI	407
BER RESEARCH AND GENERAL TEXTILE RESEARCH EFFECT OF WOOL	SCOURING MILL ON STREAM POLLUTION IDENTIFICATION	263
NONFIBRS ACUTE TOXICITY OF PESTICIDES TO ESTUAR. COPEPODS	SCOURING OF SAT. HYDROCAFEON AS POULTRY MITICID	394
OMS EFFECT OF DREDGING ON OYSSTER BEDS UNDERWATER (USING	SCUPA) ASSESSMENT OF COMMUNITIES EVALUATION OF O	444
QUEHANA RIVER PA FIS MAINTENANCE DREDGING ST. CATHEPINE	SD POTOMOC RIVER MD MARINE FISHERIES BIOLOGY;	48
ON USE OF QUANTITATIVE METHODS AND STATISTICS IN ECOLOGY	SD COOPERATIVE MOURNING DOVE STUDY STATISTICS IN	318
IVE MOURNING DOVE STUDY STATISTICS IN GAME AND FISH WCFE	SE STATES ANALYSIS OF WATERFOWL BANDING CONSULT	318
ATER PROCESSING SURVEY CHEM. ASPECTS OF WATER QUALITY IN	SE VIRGINIA JAMES ESTUARY BENTHOS; SEDIMENT SIZE	332
SYNDETS AND NTA TO MARINE LIFE CRUDE OIL TOXICITY IN RED	SEA PHYSIOLOGICAL EFFECTS OF METALS CRUDE OIL	205
THE OCEAN PRODUCTIVITY POLLUTION LIGHT PENETRATION IN	SEA AND ECOLOGICAL EFFECTS BIOLUMINESCENCE AND I	132
ROLE OF SUEZ CANAL AS PATHWAY FOR DISEPERSAL BETWEEN RED	SEA AND MEDITERRANEAN OCEAN ACRE STUDIES STUDY O	22
LS ENERGETICS OF ESTUARINE PIONEER POPULATION SURVEY OF	SEA BASS FISHERY POPULATION DYNAMICS OF ADULT AT	254
LF FROM AREAL OBSERVATION EST. WT. FLOUNDER DISCARDED AT	SEA BY U.S. FISHERMAN DESCRIBE COMM. FISH. PARAM	535
NYS SEA GRANT ECOLOGY AND SYSTEMATICS OF DEEP	SEA CCRALS PROGRAM MANAGEMENT AND DEVELOPMENT -	682
RCTS BENTHIC INVERTEBRATE COMMUNITY ECOLOGY IN THE DEEP	SEA ECOLOGY OF SUBMARINE CANYONS ANIMAL SEDIMENT	599
DEEP SEA CORALS PROGRAM MANAGEMENT AND DEVELOPMENT - NYS	SEA GRANT ECOLOGY AND SYSTEMATICS OF	682
TA ANALYSIS LIGHTSHIP DATA AND WEATHER R. COAST U.S. AT	SEA INTERACTION METEOROLOGY AND PHYSICAL OCEANO	122
MARSH POLLUTION MEDFAUNO NORTH ADRIATIC DIVERSITY DEEP	SEA MEGAFUNA MARINE BENTHIC ECOLOGY SALT MARSH	151
ND PHYSICAL OCEANOGRAPHY GENERAL DYNAMICS MEDITERRANEAN	SEA OCEANOGRAPHY DESCRIPTIVE A	484
REGIONAL VARIATIONS IN MAJOR IONS MEMBRANE SALINOMETER	SEA SALT COMPOSITION AND VARIATION IN SEDIMENTS	453
SEA SNAKE SYSTEMATICS AND ECOLOGY	SEA SNAKE ECOLOGY	743
OGY	SEA SNAKE SYSTEMATICS AND ECOLOGY SEA SNAKE ECOL	743
NOXIA AND WA LOSS IN BROOK TROUT AT LOW PH SALT GLAND OF	SEA SNAKES ION AND WATER BALANCE OF MUTANT EXTR	530
SUBMARINE CANYONS ANIMAL SEDIMENTS RELATIONSHIPS IN DEEP	SEA SOLID REFUSE DISPOSAL DEEPSEA EFFECTS BEN	599
RADIATION EFFECTS ON BEHAVIOR AQUACULTURE AND BIOLOGY OF	SEA TURTLES VERTEBRATE AND AQUATIC ECOLOGY; RAD	644
SPHERIC CHEMISTRY INTERACTION OF INORGANIC PHOSPHATE AND	SEA WATER ATMOSPHERIC CHEMISTRY MARINE AND ATMO	460
ORGANIC MATTER ASSOCIATIONS IN SEAWATER ORGANIC MATTER IN	SEA WATER COMPOSITION OF ADSORBED PROTEINS ORG	751
SAFETY AND LICENSING BOARD CHEMISTRY OF	SEA WATER OCEAN RESOURCES NEW YORK RIGHT ATOMIC	443
ION AND VARIATION IN SEDIMENTS AND ESTUARIES ANALYSIS OF	SEA WATER REGIONAL VARIATIONS IN MAJOR IONS MEME	453
G OIL SPILL SOURCE DETECTION BUBBLE INDICED UPWELLING OF	SEA WATER SPREADING AND MOVEMENT OF OIL SPILLS	630
AUNA MARINE BENTHIC ECOLOGY SALT MARSH ECOSYSTEM DEEP	SEA PARTICULARLY MARINE MEGAFUNA MEGAFUNA BNE	151
GEOGRAPHY OF TROPICAL MARINE ANIMALS EFFECTS OF A PANAMA	SEA-LEVEL CANAL STAFFISH PREDATION AND ITS EFPEC	557
ANCES INTERACTION OF BEHAVIOR AND POPULATION BIOLOGY IN	SEAFISHES POPULATION & MOVEMENTS OF NEW ENGLAND H	194
IOR AND BIRD ENVIRONMENTAL INVENTICRIPS BIRDS OF ATLANTIC	SEABOARD WATTEAS TO CAFF COD AVIAN FLIGHT FORMA	328
Y OF PLANKTONIC MARINE CRUSTACEANS ZOOPLANKTON SURVEY OF	SEABROCK ESTUARY BIOLOG	779
RAL ECOLOGY OF SMALL MAMMALS TERRESTRIAL WILDLIFE SURVEY	SEABROCK NEW HAMPSHIRE BEHAVIO	236
ENEMIES OF INTRODUCED INSECT PESTS (BIOLOGICAL CONTROL)	SEARCH FOR AND IMPORTATION OF PARASITES OF ALPAL	200
TATION OF PARASITES OF ALPALFA WEEVIL FROM EUROPE TO USA	SEARCH FOR AND IMPORTATION OF PARASITES OF OVLEH	200
PRODUCTS FORMED DENTAL CAVITIES AND PERIODONTAL DISEASES	SEARCH FOR CEPHALOSPORIN AMIDASE ENZYME ANTIBIOT	753
TION OF PARASITES OF OVLEHA MELANOPUS FROM EUROPE TO USA	SEARCH FOR PARASITES OF OVLEHA MELANOPUS IN USSF	200
TERRESTRIAL FAUNA OF THREE LAKE SYSTEMS IN W. VIRGINIA	SEARCH ANALYZE SYSTEMATIZE STUDY FACTS TO ASSE	169
AGNES ON CHESAPEAKE BAY BIOLOGY OF DRP BROODCK CLAY HIGH	SEA'S PACIFIC SALMON STUDIES BIOLOGY AND MANAGE	14
- VIRGINIA EVALUATION OF NATURAL VALUES OF A PORTION OF	SEASHORE STATE PARK VIRGINIA VEGETATION OF PARK	310
RAPHY OF AUSTRALIAN HERPETOFUNA IDENTIFICATION OF PELAGIC	SEASHORES PALFEOLOGY PALFEOGEOGRAPHY PALEOZOIC	312
UNCTION EFFECTS OF SOIL NUTRIENTS ON ECOSYSTEM STRUCTURE	SEASONAL FLUCTUATION OF PHYTOPLANKTON INVESTIGA	481
NVIRONMENTAL MANAGEMENT PRIMARY PRODUCTIVITY ANNUAL AND	SEASONAL LOBLOLLY PINE SITE PRODUCTIVITY SOI	571
LINE STUDIES CHEMICAL EFFECT OF METALS PARTICULATES ON	SEASONAL FLU OF METALS THROUGH ENVIRONMENT - C	402

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ENVIRONMENT ADSORPTION OF CHLORINATED HYDROCARBONS FROM	SEAWATER DISTRIBUTION OF CHLORINATED HYDROCARBON	309
URAL WATERS TRACE METAL - ORGANIC MATTER ASSOCIATIONS IN	SEAWATER ORGANIC MATTER IN SEA WATER CONFORMATIC	751
RONMENT - CHEMICAL EFFECTS ISOTHERMAL COMPRESSIBILITY OF	SEAWATER TRACE METAL BASELINE STUDIES CHEMICAL E	429
HUMIC SUBSTANCES IN ESTUARIES MARINE MICROBIAL ECOLOGY	SEAWEEP COLONIZATION & RELEASE OF ORGANIC MATERY	646
TECTION & SUPPLY PROGRAM PORT ROYAL ESTUARINE STUDY LAKE	SEBASTICOOK EUTROPHICATION WATER QUALITY AND WA	793
LEAR POWER PLANTS FEEDING HABITS OF PINK AND CHUM SALMON	SECONDARY PRODUCTION OF MARINE PELAGIC ZOOPLANKT	362
ING FEEDING OF COPEPODS IN CHESAPEAKE BAY	SECONDARY PRODUCTIVITY ESPECIALLY SUBTROPICAN PFP	701
S ECOLOGICAL STABILITY OF NORTH CAROLINA BARRIER ISLANDS	SECONDARY PRODUCTIVITY OF A MANGROVE SWAMP COMPA	521
ITY OF A MANGROVE SWAMP COMPARISON OF ESTUARINE MARSHES	SECONDARY PRODUCTIVITY OF ESTUARINE AND COASTAL	521
OF DDT ON CHLORELLA-DAPHNIA ECOSYSTEM EFFECT OF MIREX ON	SECONDARY SUCCESSION ANIMAL ECOLOGY SPECIES DI	404
NOLOGY ECOSYSTEM DEVELOPMENT BIRD SPECIES DIVERSITY AND	SECONDARY SUCCESSION EFFECT OF DDT ON CHLORELLA-	404
CONTROL OF CELL PROLIFERATION IN MAMMALIAN CELLS CAMP AND	SECRETION DNA SYNTHESIS IN PAPOTID AUTOSADIDIOGRA	451
	SECRETION OF MOLECULES BY ALGAE	1
ATER SEDIMENTATION & HYDROLOGY STUDY OF UNIVERSITY OF MD	SECTOR OF PAINT BR. BACT & CHEM STUDY OF THE ROC	699
MICROBIOLOGY - PHYTOPLANKTON TAXONOMY WATER QUALITY AND	SEDIMENT ANALYSIS MICROBIOLOGY SO. SHORE LONG IS	113
D ENVIR. POLLUTION; WATER POLLUTION; BACT. ORGANIC AND	SEDIMENT CONTAMINATION OF WATER SEDIMENTATION &	689
S OF WATER QUALITY IN SF VIRGINIA JAMES ESTUARY BENTHOS:	SEDIMENT SIZE AND CHEMISTRY INFLUENCES THEREON N	332
TANTS ORGANIC NITROGEN CYCLE IN MARINE SEDIMENTS MARINE	SEDIMENTARY MICROBIOLOGY AND BIOCHEMISTRY PROFIT	435
TION; BACT. ORGANIC AND SEDIMENT CONTAMINATION OF WATER	SEDIMENTATION & HYDROLOGY STUDY OF UNIVERSITY OF	688
AHAMAS SEDIMENTOLOGY-ECOLOGY MODERN CARBONATES, BAHAMAS	SEDIMENTOLOGY AND PALEOECOLOGY OF MODERN AND ANC	90
L OCEANOGRAPHY ESTUARINE HYDROGRAPHY COASTAL PROCESSES	SEDIMENTOLOGY CIRCULATION OF N.H. COASTAL WATERS	307
TICHEGOR LIMESTONE FORAMINIFERAL-ALGAL COLONIES BAHAMAS	SEDIMENTOLOGY-ECOLOGY MODERN CARBONATES PAHAMAS	307
RE CONTINENTAL SHELE NEUTRON ACTIVATION ANALYSIS OF LAKE	SEDIMENTS BIOLOGICAL & CHEMICAL INTERACTIONS I	812
IPSWICH MA ENVIRONMENTAL IMPACT STATEMENTS MERCURY IN	SEDIMENTS ESTUARINE ECOLOGY; ENVIRONMENTAL EDUC	496
INHIBITION BY POLLUTANTS ORGANIC NITROGEN CYCLE IN MARINE	SEDIMENTS MARINE SEDIMENTARY MICROBIOLOGY AND E	435
MS OIL POLLUTION ATLANTIC ORGANIC GEOCHEMISTRY ESTUARINE	SEDIMENTS ORGANIC GEOCHEMISTRY AND OIL POLLUTI	213
SNTS GC-MS ANALYSIS OF PCB DDT ORGANICS IN BOSTON HARBO	SEDIMENTS TRANSPORT AND ALTERATION OF ORGANIC C	636
METALS IN HUMAN TISSUES ORGANIC CHEMISTRY OF WATER AND	SEDIMENTS AMINO ACID GEOCHEMISTRY OF MARINE SEDI	766
ERAME SALINOMETER SEA SALT COMPOSITION AND VARIATION IN	SEDIMENTS AND ESTUARIES ANALYSIS OF SEA WATER RE	453
OL AS ENVIRONMENTAL ENGINEER DDT ANALYSIS OF LAKE GEORGE	SEDIMENTS AQUATIC ENVIRONS OF EMERALD GREEN - N.	209
HEMISTRY NUTRIENTS CARBON DIOXIDE SYSTEM DIFFUSION FROM	SEDIMENTS NUTRIENT STUDIES ON CORAL REEFS MARINE	551
PRODUCTIVITY LAKE SEDIMENTS ACID MINE POLLUTION	SEDIMENTS OF DELMARVA INTRACOASTAL WATERWAY	177
NOLOGY AND PALEOECOLOGY OF MODERN AND ANCIENT CARBONATE	SEDIMENTS PALEOLOGY OF TICHEGOR LIMESTONE FORAM	90
DAGA, NEW YORK BIOGEOCHEMISTRY OF MARINE AND FRESHWATER	SEDIMENTS REGIONAL LIMNOLOGY OF MINNESOTA POLLU	182
LOGY IN THE DEEP SEA ECOLOGY OF SUBMARINE CANYONS ANIMAL	SEDIMENTS RELATIONSHIPS IN DEEP SEA SOLID REFUSE	599
OF WATER AND SEDIMENTS AMINO ACID GEOCHEMISTRY OF MARINE	SEDIMENTS TRACE METALS IN HUMAN TISSUES ORGANIC	766
ARVA INTRACOASTAL WATERWAY PRODUCTIVITY LAKE	SEDIMENTS ACID MINE POLLUTION SEDIMENTS OF DELM	177
NAGEMENT PRIMARY PRODUCTIVITY IN SALT MARSHES SALT MARSH	SEED GERMINATION PRIMARY PRODUCTIVITY OF ASPEN F	144
PULATIONS EVOLUTION OF SEX DETERMINING MECHANISMS PERANT	SEED IRRADIATION EXPERIMENT REPRODUCTIVE MORPHOL	656
ERMINATION AND GROWTH OF OTHER SPECIES EFFECT OF CERTAIN	SEED PLANTS UPON GROWTH OF CERTAIN BLUE-GREEN AL	533
IONS; ENVIRONMENTAL LAW GRAZING PRESSURE EFFECTS ON PINE	SEEDLING GROWTH SURVEY OF UNIVERSITY OF GEORGIA	611
RE ESTUARY PROJECT - MARSHES POPULATION DYNAMICS OF TREE	SEEDLINGS GRASSLAND PRODUCTION AND METHODS PLAN	264
ELECTROPHORESIS AND SPROLOGY PROTEIN COMPARISON OF ACER	SEEDS COMPARISON OF PROTEINS OF JUGLANS SEEDS CO	133
MPARISON OF ACER SEEDS COMPARISON OF PROTEINS OF JUGLANS	SEEDS COMPARISON OF PROTEINS OF LYCOPODIUM SPORE	132
T ECOLOGY AND TAXONOMY DETERMINE SEED OF GERMINATION IN	SEEDS OF AQUILEGIA USE OF RECIPROCAL TRANSPLANTS	415
LIDES IN THE BIOSPHERE NEUTRON AND GAMMA-RAY RESPONSE OF	SEEDS PLANTS NEUTRON AND GAMMA-RAY RESPONSE OF	526
POUSE OF SEEDS PLANTS NEUTRON AND GAMMA-RAY RESPONSE OF	SEEDS PLANTS X RAYS ON BOSTON IVY BUDS IONIZIN	526
S OF DEVELOPMENT - ENVIRONMENTALLY INDUCED AND INHERITED	SELECTED RESPONSE TO A TERATOGEN IN MICE MECHAN	49
PLANT ECOLOGY OF MARINE WETLANDS FIFTY YEAR CHANGE IN A	SELECTED SALT MARSH WETLANDS STUDY OF SOUTHAMPTO	675
RAPTOR POPULATIONS IN UTAH POPULATION DYNAMICS HABITAT	SELECTION AND PARTITIONING OF RAPTOR POPULATION	660
VERTEBRATE POPULATIONS AND BEHAVIORAL ECOLOGY HABITAT	SELECTION AND USE TUNISIAN PRESAVARAN PROJECT	253
ACOUSTIC RECEPTION AND ORIENTATION OF LARGE SHARKS PREY	SELECTION BEHAVIOR OF MARINE SNAILS BEHAVIOR AND	799
ECES, ST. LAWRENCE BASIN VERTEBRATE ECOLOGY AND HABITAT	SELECTION BIRD POPULATION EFFECT OF LOGGING ON T	762
TS NATIONAL CONGRESS OPTIMUM POPULATION ENVIRONMENT SITE	SELECTION IN CASAMANCE RECOMMENDATIONS FOR AID I	142
S OF SMALL MAMMALS IN EASTERN NORTH AMERICA MICROHABITAT	SELECTION IN SMALL MAMMALS AT THE CONIEPOUS-DEC	398
LEVEL; ECOLOGY BEHAVIOR POPULATION DYNAMICS NEST SITE	SELECTION IN WILD TURKEYS ALLEGHENY RIVER PROJEC	285
ISTRIBUTION AGE AND ECOLOGY OF SPOTTED HAKE TEMPERATURE	SELECTION OF FISH FROM LAKE ERIE EFFECTS OF THER	35
ICIDAL ACTION BIOLOGY OF HELMINTHOSPORIUM MAYNIS RACE T	SELECTIVE INHIBITION OF SPOBULATION MFASURERS OF	442
FISH SEMEN ATLANTIC SALMON FREEZING EFFECTS ON WALLEYE	SEMEN INTRODUCTION STRIPED BASS SAC PERCH AND	280
EPRODUCTION OF FISH POPULATIONS FREEZING EFFECTS ON FISH	SEMEN ATLANTIC SALMON FREEZING EFFECTS ON WALLE	280
CHEM. STUDIES OF PORPHYRIN REAX MODEL STUDIES IN ORGANIC	SEMICONDUCTION & PHOTO-CONVERSION WITH PORPHYRIN	5
S IN FORESTED WATERSHEDS NUTRIENT BUDGETS FOR CAYOGA AND	SENECA LAKES ECOSYSTEM ANALYSIS OF A LAKE ANALY	432
FLIGHT COMPARATIVE NEUROBIOLOGY ESPECIALLY INVERTEBRATE	SENSE ORGANS NEUROPHYSIOLOGY AND ANIMAL BEHAVIOR	37
CHARACTERIZATION OF SOIL RESOURCES APPLICATIONS OF REMOTE	SENSING DATA SOIL SUITABILITY FOR SEPTIC TANKS	546
STRESS REMOTE SENSING OF GYPSY MOSE DEFOLIATION AERIAL	SENSING FOR EVALUATING STRESS IN VEG. LAND USE	592
NAGEMENT PHOTOPERIODISM AND ECOLOGY OF THALASSIA REMOTE	SENSING OCEANOGRAPHY MARINE PHYTOPLANKTON AND A	458
MMUNITIES LEAF REFLECTANCE AND RESPONSE TO STRESS REMOTE	SENSING OF GYPSY MOSE DEFOLIATION AERIAL SPENS	592
VEG. LAND USE RECREATION AND NATURAL RESOURCES REMOTE	SENSING OF STRESS IN PLANT COMMUNITIES LEAF REFL	592
ECOLOGICAL PRINCIPLES TO THE AQUATIC ENVIRONMENT REMOTE	SENSING OF THE OCEAN PRODUCTIVITY POLLUTION LI	132
CENCE ANALYSIS OF PRODUCTIVITY FRESH WATER ALSO REMOTE	SENSING SHALLOW MARINE AUTOMATED ANALYSIS OF REF	390
OF AUTOMATED ANALYSIS OF FRESH WATER PRODUCTIVITY REMOTE	SENSING SHALLOW MARINE COMMUNITIES DINOPLAGGELAT	390
CASUAL WATERS OF NEW YORK AND LONG ISLAND USE OF REMOTE	SENSING TO STUDY PHYTOPLANKTON COMMUNITIES AND W	116
DATA SOIL SUITABILITY FOR SEPTIC TANKS LAND USE REMOTE	SENSING SOIL-WATER RELATIONSHIPS AUTOMATIC DAT	546
S AND CATAPILLARS IN NORTHERN HARDWOODS FOREST RADIATION	SENSITIVITY OF BIRDS COMMUNITY ECOLOGY OF TERE	704
ENCE TELEVISION PROJECT PHYSIOLOGICAL BASIS OF BEHAVIOR	SENSORY BASIS OF BIRD NAVIGATION ELEMENTARY SCIE	748
D POLLUTION MERCURY IN FISH AND PLANKTON AND WATER FISH	SENSORY SYSTEMS AS RELATED TO DIFFERENT ENVIRONM	102
H ORGANIC COMPOSITION OF 22 SPECIES OF FRESHWATER FISHES	SEPARATION OF BLUEGILL POPULATION WITH SEROLOGIC	574
Y MEDICINE EVALUATION OF HUMAN PREGNANCY TEST IN BITCHES	SEPARATION OF THROMBOCYTES AND LYMPHOCYTES FROM	752
LECTION AND ANALYSIS OF BIOLOGICAL DATA EFFECTS OF EARLY	SEPTICEMER HUNTING ON GRAY SQUIRREL POPULATIONS F	493
APPLICATIONS OF REMOTE SENSING DATA SOIL SUITABILITY FOR	SEPTIC TANKS LAND USE REMOTE SENSING SOIL-WAT	546
MICROBIAL PHYSIOLOGY AND ECOLOGY DNA	SEQUENCE RELATIONSHIPS AMONG VIRBIO SPECIES	686
AL ENTOMOLOGY ARBOVIRUSOLOGY SEROLOGY ENVIRONMENTAL HEALTH	SEROEPIDEMIOLOGICAL SURVEY AT ARMY RESEARCH BASIS	454
FRESHWATER FISHES SEPARATION OF BLUEGILL POPULATION WITH	SEROLOGICAL METHODS FISH GENETICS HERITABILITY	574
OS & CHIKINGNYA VIRUS MEDICAL ENTOMOLOGY ARBOVIRUSOLOGY	SEROLOGY ENVIRONMENTAL HEALTH SEROEPIDEMIOLOGICAL	454
TIVE STUDIES OF PLANT PROTEINS USING ELECTROPHORESIS AND	SEROLOGY PROTEIN COMPARISON OF ACER SEEDS COMPAR	133

TABLE 3. RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

DIETHORA & POTRYTIS PHYSIOLOGY & DISEASES MYCOBIOLOGY OF	SERPENTINE SOIL EPIDEMIOLOGY & PHYSIOLOGY OF BOT	446
EW HAMPSHIRE BIOSYSTEMATIC STUDY OF VERMICHA	SERPHYLLIPOLIA VASCULAR FLORA OF CHESHIRE CO. N	72
TION OF FORESTRY PROGRAMS; 10 YEARS CHIEF OF U.S. FOREST	SERVICP; 10 YEAR ASSISTANT CHIEF; 41 YEARS PROPE	135
ESPECIALLY BIRD MAMMAL AND PLANT ECOLOGY ALL CONSULTANT	SERVICES; MATERIALS DETERIORATION PREVENTION BROA	210
ITEMS DESIGN DEAPNESS SCIENTIFIC INFORMATION SYSTEMS AND	SERVICES; HAVE BEEN WITHOUT REMEDIATION PREVENTI	774
TO KEEP OFF ROAD VEHICLES OUT OF ECSTED & WILDLIFE AREAS	SETTING ASIDE AREAS AS WILDLIFE REFUGES OR BIRD	489
MS EVALUATION OF DYLOX IN FOREST ECOSYSTEM EVALUATION OF	SEVIN 4 OIL IN FOREST SYSTEM ANALYSIS OF AGRICUL	786
BTH REG. SEW. AUTH. ENV. ASSESSMENT ROCKAWAY VALLEY REG.	SEW. AUTH. ENV. ASSESSMENT PLANKTON ECOLOGY AND	467
UNTY REG. SPWL. AUTH. ENV. ASSESSMENT SOUTH MAHMOUTH REG.	SEW. AUTH. ENV. ASSESSMENT ROCKAWAY VALLEY REG.	467
MENTAL STRESS FRESH-WATER AND MARINE OCEAN COUNTY REG.	SEW. AUTH. ENV. ASSESSMENT SOUTH MAHMOUTH REG. S	467
COLOGICAL STUDY DELAWARE RIVER ESTUARY AQUATIC; THERMAL	SPWAGE CONSTRUCTION; FISHES MACROINVERTEBRATES	143
ND ESTUARINE SYSTEMS ECOLOGY OF BRACKISH PONDS RECEIVING	A SEWAGE DISSOLVED ORGANIC PHOSPHORUS FROM PHYTOPL	406
ARINE MICROBIOLOGY ECOLOGY AND TAXONOMY OF MARINE YEASTS	SEWAGE EFFECT ON ESTUARIES THERMAL EFFECT ON THE	91
S RIVERS-LAOPS POPULATION BIOLOGY THERMAL-ACID DRAINAGE	SEWAGE INTERACTIONS ON FISH PROD TACONILLE DUMPIN	387
N AND DISPOSAL NUTRIENT CYCLING-STREAM-SOIL INTERACTIONS	SEWAGE SLUDGE DISPOSAL ON THE LAND MINERAL CYCL	192
MUNITY ENERGETICS OF MARINE COMMUNITIES AND POPULATIONS	SEWAGE SLUDGE EFFECTS ON NEW YORK BIGHT BENTHOS	661
R CLARIFICATION FLOCCULANTS FOR INDUSTRIAL AND MUNICIPAL	SEWAGE SLUDGES CORROSION AND SCALE INHIBITORS P	794
ASSOCIATED WITH SHIP AND BREAKWATER COLLISION DESIGN OF	SEWAGE TREATMENT PLANT STRUCTURAL ANALYSIS OF V	616
POWER PLANT OIL SPILL IMPACT STUDY COMPUTERIZATION OF	SEWAGE TREATMENT PLANTS ECOLOGICAL ASSESSMENT OF	153
ARM GAME PLAINFIELD TOWNSHIP COMPREHENSIVE PLAN REGIONAL	SEWER & WATER PLAN UPDATE LASER LAKE RECREATION	670
WIDENING AND DEEPENING C & O CANAL - FISH EVALUATION OF	SPX BIOPSY METHOD - STRIPED BASS ADULT AND YOUN	586
OF NATURAL OR EXPERIMENTAL PLANT POPULATIONS EVOLUTION OF	SEX DETERMINING MECHANISMS PEANUT SEED IRRADIATI	656
LIFE HISTORY OF FISHES; SEXUAL MATURITY; FECUNDITY; AGING	SEX RATIOS LIFE HISTORY OF SKIPJACK TUNA	44
ILIPDISIS BEHAVIOR ASPECTS OF POPULATION DYNAMICS IN FISH	SEXUAL BEHAVIOR AND SOCIAL STRUCTURE IN FISH VE	473
COMMUNITY ECOLOGY FAUNAL VARIATION ON PELAGIC SARGASSUM	SEXUAL DIMORPHISM IN TOADFISH SWIMBLADDERS BRAIN	218
E HISTORY OF "SKIPJACK TUNA" LIFE HISTORY OF FISHES;	SEXUAL MATURITY; FECUNDITY; AGING SEX RATIOS LIP	44
DTION OF FISHES SURVEY OF BAHAMIAN FISH COMMUNITIES FISH	SEXUALITY AND PHYLOGENY SPACE SHARING IN FISH CO	658
AWNING SITES CONNECTICUT RIVER FOOD COMPETITION BETWEEN	SHAD AND RESIDENT FISH SPECIES FOODS OF FISHES	190
REDING COMPETITION ON AN INTERSPECIFIC LEVEL LOCATION OF	SHAD SPAWNING SITES CONNECTICUT RIVER FOOD COMP	190
REGRESS MANAGEMENT FORAGE CROPS MANAGEMENT BROTH COLD	SHADE AND WEAR STUDIES WITH TURFGRASSES AGRONOM	798
MICIDP AND SUICIDE ENVIRONMENTAL NEUROBIOLOGY SUCCESION	SHALLOW COASTAL WATERS CARIBBEAN SOCIAL BIOLOGY	770
ANALYSIS OF PRODUCTIVITY FRESH WATER ALSO REMOTE SENSING	SHALLOW MARINE AUTOMATED ANALYSIS OF FRESH WATER	390
ATED ANALYSIS OF FRESH WATER PRODUCTIVITY REMOTE SENSING	SHALLOW MARINE COMMUNITIES DINOFLAGELLATE LUMINE	390
A FRONDOSEA INTRASPECIFIC VARIATION IN FUCUS VESICULOSUS	SHALLOW MARINE ECHINODERM BIOLOGY-ECOLOGY HOLOTH	380
AMINO ACIDS AND MARINE INVERTEBRATES NITROGEN CYCLE IN	SHALLOW MARINE WATERS NITROGEN CYCLE ON COHAL RE	760
CRUSTACEANS ECOLOGICAL SIGNIFICANCE OF COASTAL WPLANDS	SHALLOW WATER MARINE & ESTUARINE ECOLOGY MARINE	159
Y BEHAVIOR AND EVOLUTION OF FRESHWATER ESTUARINE AND	SHALLOW WATER MARINE FISHES OLDMANS CREEK MARSH	233
MIAN FISH COMMUNITIES FISH SEXUALITY AND PHYLOGENY SPACE	SHARING IN FISH COMMUNITIES ECOLOGY AND EVOLUTI	658
MAI BEHAVIOR ACOUSTIC RECEPTION AND ORIENTATION OF LARGE	SHARKS PREY SELECTION BEHAVIOR OF MARINE SNAILS	799
TAL EDUCATION FOR PRIMARY GRADES EFFECTS OF PARASITES ON	SHARPIAILED GROUSE PARASITES OF BIG GAME IN SOUT	67
R USE OF CRUDE BIOASSAY TECHNIQUE IN PNDRIIN POISONING OF	SHARNEE LAKE BENTHIC MACROFAUNAL PRODUCTION ACI	282
IN LAKE WATER SUPPLIES STRIP MINE RUNOFF IN PARK WATER	SHEE FEEDING ECOLOGY OF FISH IN STREAM ECOLOGY	750
LDLIFE NATIONWIDE OUTDOOR RECREATION PLAN DESERT BIGHORN	SHEEP BOOK EXPERT ON NATIONAL PARKS AND WILDLIFE	378
DISEASES AND PARASITES NUTRITION AND DISEASE OF BTGHORN	SHEEP PHYSIOLOGICAL EFFECTS OF STARVATION OR MAL	623
RS, 5 RESERVOIRS IN OKLAHOMA EST. TOTAL FISHING EPT. CN	SHEEP FROM AREAL OBSERVATION EST. WT. FLOUNDER S	535
N ECOLOGY IN THE ESTUARY HETEROTROPHY ON THE CONTINENTAL	SHEEP NEUTRON ACTIVATION ANALYSIS OF LAKE SEDIME	812
ROGRAM, MARINE BIOLOGICAL LABORATORY, WOODS HOLE, MASS.	SHELL PENETRATION BY ORGANISMS MALACOLOGY INVE	112
IES AQUACULTURE FOR LONG ISLAND ABNORMALITIES IN BIVALVE	SHELLFISH CULTURE OF MARINE ORGANISMS MARINE RE	721
ESTUARINE ANIMALS ESPECIALLY DISEASES AND PARASITES OF	SHELLFISH DISEASES OF OYSTERS FOOLING ORGANISMS	16
NITY TO PARASITES SHELLFISH DISEASES MOLLUSCAN BIOLOGY	SHELLFISH DISEASES SCHISTOSOMIASIS SNAIL CONTROL	123
SNAIL CONTROL PARASITES OF FISH IMMUNITY TO PARASITES	SHELLFISH DISEASES MOLLUSCAN BIOLOGY SHELLFISH	123
ER BASIN AQUACULTURE IN LOUISIANA SALT-MARSH IMPOUNDMENT	SHELLFISH HATCHERY IN CHESAPEAKE BAY AQUACULTUR	597
SH HATCHERY IN CHESAPEAKE BAY AQUACULTURE OF SHRIMP AND	SHELLFISH OIL SPILL IN THE SCHUYLKILL RIVER BASI	597
EMS AQUATIC PRODUCTIVITY GROWTH FACTORS VITAMINS TOXINS	SHELLFISH TOXICITY IN ALASKAN WATERS BIOLOGICAL	507
ION EFFECTS OF EUTROPHICATION OF FISH SPECIES ARTIFICIAL	SHELTER AND FISH BEHAVIOR EFFECTS OF ARTIFICIAL	294
SURVEY OF PETERS CREEK VA. WATER POLLUTION STUDY ON THE	SHENANDOAH RIVER WATER POLLUTION BIOLOGY EUTROP	324
OF 3 RIVER BASIN IN N.E. NO. LIFE HISTORY OF THE EMERALD	SHINER IN SO. DAK. WATER QUALITY INVESTIGATIONS	242
DATURE AND TOXICITY ON P. ROSEOLA HAZARD ASSOCIATED WITH	SHIP AND BREAKWATER COLLISION DESIGN OF SEWAGE T	616
TEE BAPSD BOYLES SPECIALIZED ENVIRONMENTAL COATINGS FOR	SHIPS BUILDINGS METALS ETC. FOR UNDER AND ABOV	479
H POPULATION STUDIES MARINE FISHES OF VIRGINIA'S EASTERN	SHORE POPULATION BIOLOGY AND AGE GROWTH ANALYS	579
OMY WATER QUALITY AND SEDIMENT ANALYSIS MICROBIOLOGY SO.	SHORE LONG ISLAND ECOLOGICAL EFFECTS TRANSPORT F	113
NECTICUT PLEVE MARINE RESOURCE PLANNING LONG ISLAND NY	SHORE MANAGEMENT GUIDELINES PLANNING & MANAGING	471
MARINE ENVIRONMENTAL STUDIES CURRENTS OFF THE SOUTH	SHORE OF LONG ISLAND NY	500
ON ECOLOGY OF ESTUARIES SURVEY OF ZOOPLANKTON OF EASTERN	SHORE VIRGINIA PHYTOPLANKTON AND ZOOPLANKT	86
BIOLOGICAL LIMNOLOGY & FISHERIES BIOLOGY BENTHOS OF NEAR	SHORE WATERS OF LAKE ONTARIO FISH STUDIES OF THE	207
RONMENTAL IMPACT PREDICTION FACILITY WAVE PREDICTION FOR	SHORELINE CONSTRUCTION OCEANOGRAPHY AND METEORO	569
TION SAND STABILIZATION FOREDDUNE CONSTRUCTION VEGETATIVE	SHORELINE PROTECTION VEGETATIVE FOREDDUNE CONSTR	800
CPYELINE PROTECTION VEGETATIVE FOREDDUNE CONSTRUCTION AND	SHORELINE PROTECTION SAND STABILIZATION FOREDDUNE	800
NSHIPS AND PHYSIOLOGICAL ECOLOGY ST. LAWRENCE E. ONTARIO	SHORELINE STUDY BIOGENIC SILICA IN PLANTS- ECOLO	250
TUNNEL CROSSING HAMPTON ROADS DREDGE AND PILL PINE KNOLL	SHORES EDGE BANKS IMPACT ANALYSTS DECIDUOUS PO	198
AL BIRDS ON GRASSLANDS POPULATION DYNAMICS OF RAPTORS IN	SHORTGRASS PRAIRIE AVIAN ECOLOGY & MAMMALIAN AN	523
ENT SHELLEISH HATCHERY IN CHESAPEAKE BAY AQUACULTURE OF	SHRIMP AND SHELLFISH OIL SPILL IN THE SCHUYLKILL	597
GY PLANTS - AIR - NOISE - MICROCLIMATE INTERACTIONS WILD	SHRUB CULTIVATION SONGBIRD ATTRACTION INTEGRATED	186
ITY ECOLOGY ECOPHYSIOLOGY AND PLANT DISTRIBUTION DESERT	SHRUB WATER STRESS GROWTH RESPONSE OF SALT MARSH	298
ND ECOSYSTEM BEHAVIOR FOREST PRODUCTION GROWTH OF DESERT	SHRUBS EFFECT OF ENVIRONMENTAL STRESSES ON PLAN	703
POPULATION STUDY OF FRESHWATER SNAIL VIPIPARUS GEORGIANUS	SILICA CYCLE - NEW ENGLAND HARDWATER LAKE ENVIRO	673
ECOLOGY ST. LAWRENCE E. ONTARIO SHORELINE STUDY BIOGENIC	SILICA IN PLANTS- ECOLOGICAL SIGNIFICANCE DYNAMI	250
LUTION EFFECTS ON AQUATIC LIFE EFFECTS OF TURBIDITY AND	SILTATION ON AQUATIC LIFE EFFECTS OF PAPER MILL	38
STAND CULTURE SOIL-SITE EVALUATION FOR HARDWOOD SPECIES	SILVICULTURE OF HARDWOOD AND MIXED STANDS ANNUAL	755
CLASS ESTIMATIONS ECOLOGY OF REDWOOD FOREST ECOLOGY AND	SILVICULTURE FOREST MENSURATION TECHNICAL REPO	782
R FOOD PRODUCTION FORAGES EATEN BY DEER IN THE SOUTHEAST	SIMULATED BROWSING BY CLIPPING THE EFFECTS OF B	303
ZATION DYNAMICS OF DOUGLAS-FIR POPULATIONS DYNAMICS AND	SIMULATED YIELD OF DOUGLAS FIR TREE AND STAND DA	490
FISHES AGE GROWTH AND DISTRIBUTION OF BLACK DRUM ANALOG	SIMULATION IN FISH POPULATION STUDIES MARINE FIS	579
NARRAGANSETT BAY ECOLOGICAL ENERGETICS SYSTEMS ANALYSIS	SIMULATION MARSH ECOLOGY ECOLOGY OF SMALL BOAT M	517
S SIMULATION MARSH ECOLOGY ECOLOGY OF SMALL ECAT MARINAS	SIMULATION MODEL OF NARRAGANSETT BAY ECOLOGICAL M	517

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TER SIMULATION ORDINATION OF PLANT COMMUNITIES - MECHANISMS EFFECTS OF OPENING MUDR LAGOON TO THE PUBLIC COMPUTED ENVIRONMENT IMPACTS UPON CONNECTICUT RIVER - ECOLOGICAL MODELS - COMMUNITIES ORDINATION OF PLANT COMMUNITIES AND COMPUTATIONAL PLANT ANATOMY ENVIRONMENTAL ANALYSIS OF THREE DAM ARSH-TIDAL VASCULAR PLANTS ECOLOGICAL SURVEY-FOUR PLANTS TO PROMOTE PRAIRIE PLANT SPECIES PLANNINGS FOR SCHOOLS A COMPARATIVE ENVIRONMENTAL STUDY OF PUMPED STORAGE AL DIVERSITY IN SPARTINA PALUDOSA SURVEY OF POTENTIAL FILL F NUCLEAR POWER PLANTS ECOLOGICAL SURVEY OF POISSON PLANT W LAKE ONTARIO ECOLOGICAL STUDY OF THREE FISHING CREEKS 4. VAL DESIGN AND MANAGEMENT OF WATERSHEDS FOR WATER QUALITY ENVIRONMENTAL CONDITIONS ON WATERSHED DURETION ON AN INTERCROP LEVEL EVALUATION OF WATERSHEDS SURVEYS OF POWER PLANTS SITES ENVIRONMENTAL ENGINEERING CHEMICAL EFFLUENTS ROLE OF METEOROLOGICAL AND NUCLEAR WASTE BIOLOGY EFFECTS OF CARBON MONOXIDE ON DIFFERENT EFFECT OF LARVAE ON CORRA VITIPALAT ENVIRONMENT ON CONCENTRATION OF ANTICOLINESTERASES THROUGH SKIN CHROMATIN TUMOR PROMOTION OF ANTHERALIN IN MOUSE CARCINOGENESIS IN MOUSE SKIN EFFECT OF CARCINOGENS ON MOUSE EFFECTS OF INHALED AMYL NITRIDE EFFECTS OF OXYLAMINE ON RESEARCH INHIBITION OF TWO-STRAP CARCINOGENESIS IN MOUSE FRILES SALAMANDER ECOLOGY OF A POPULATION OF GREAT PLAIN BL Maturity; fecundity; aging sex ratios LIFE HISTORY OF EFFECTS OF DEVELOPMENT SOUTH FLORIDA REGIONAL AIRPORT SITE FACT ASWAN HIGH DAM ON EAST MEDITERRANEAN ENV. IMPACT OF FACILITY PENNSYLVANIA POLY. AND LITOP - HAWAIIAN ISLANDS PROJECT ON EFFECTS OF STRIP MINING ON DEEP AND HOUSE DEVELOPING INING ASSOCIATED POLLUTION, STRIP MINING RECLAMATION AND EROSION CONTROL IN WATER COURSES AND	SIMULATION OF PLANT COMMUNITIES ORDINATION OF P SIMULATION OF THE EFFECTS OF CLIMATIC POPULATION SIMULATION PLANT ECOLOGY/MANAGEMENT MODEL OF PO SIMULATION ORDINATION OF PLANT COMMUNITIES COME DEVELOP	247 547 392 247 100 82 121 193 59 194 181 430 360 190 693 95 121 400 181 631 632 164 632 295 44 252 162 606 910 764 479 192 382 571 661 794 641 261 221 221 424 534 320 411 125 299 673 794 743 743 520 217 727 214 214 465 56 416 148 361 613 161 148 395 770 473 352 395 395 473 471 484 61 479 404 609 763 157 699 649 92 351 157 480
ANTIGEN ROLE OF HORMONES IN CANCER ENZYME IN ACTIVATED ISOPAL NUTRIENT CYCLING-STREAM-SOIL INTERACTIONS SPWAGE TICAL PHENOMENA IN SOILS WASTEWATER DISPOSAL ON THE LANDING PROGRAM FOR OCCUPHAN WATERSHED OPTIMAL SPODEPHOS FOR ENERGETICS OF MARINE COMMUNITIES AND POPULATION REPRODUCTION FLOCCULANTS FOR INDUSTRIAL AND MUNICIPAL SPWAGE REE AND FOREST PRODUCTS INSECTS EFFECTS OF PRODUCTION IN WALLEYF SEMEN INTRODUCTION OF STRIPED BASS TO CALIFORNIA AND AN IMPROVEMENT AND HIGHWAY CONSTRUCTION STRIPED BASS AND INTRODUCTION LARVAE FIELD OFFICE MEMPHIS TAGGING STUDIES DESIGN AND MANAGEMENT OF HISTORIC HOUSE MUSEUMS A STUDY OF EFFECTS TO HABITAT ASSOCIATIONS AND COMMUNITY SUCCESSION IN RIVER WATER QUALITY STUDY AND RECLAMATION STUDY OF GY; PROPRODUCTIVE ENDOCRINOLOGY PHYSIOLOGY - EFFECT OF P MOLLUSCAN BIOLOGY CHALLENGE DISEASES SUBCUTANEOUS CAL ECOLOGY OF MARINE ORGANISM HEAT EFFECTS IN A MARINE EERING DAM ON GREAT RIVER POPULATION STUDY OF FRESHWATER TATION OF LARGE SHARKS BEY COLLECTION BEHAVIOR OF MARINE SEA SNAKE SYSTEMATIC AND ECOLOGY OF SEA	SLUDGE DISPOSAL ON THE LAND MINERAL CYCLING SLUDGE DISPOSAL ON THE LAND SOILS FOR WASTEWATER SLUDGE DISPOSAL TREATABILITY OF VARIOUS MUNICIPAL SLUDGE EFFECTS ON NEW YORK RIVER BENTHOS DREDGED CORROSION AND SCALE INHIBITORS POLYESTER MAILED EUROPEAN FIM BEETLE EVALUATION OF FISH SMELT MANAGEMENT AND REPRODUCTION OF FISH POPUL SMELT FISHERY LIFE HISTORY STUDIES OF ANADROMOUS SMELT STUDIES TAGGING STUDIES AND POPULATION BY SMELT FIELD PLANTATION HOUSE RESTORATION A MANA SMITH ISLAND A RESOURCE CAPABILITY STUDY COMMON SMITH MOUNTAIN LAKE VAL. BIOLOGICAL SURVEY OF DE SMELT ON CELL POTENTIALS CARDIAC ELECTROPHYSIOLOGY SNAIL CONTROL CAPACITIES OF FISH IMMUNITY TO PAR SNAIL EFFECTS OF HIGH TEMPERATURES ON L. LITOP SNAIL VIVIPARITY GEORGIANUS SILICA CYCLE - NEW F SNAILS BEHAVIOR AND TRANSPORT OF BIVALVE LARVAE SNAKE ECOLOGY SEA SNAKE SYSTEMATICS AND ECOLOGY SEA SNAKE ECOLOGY SNAKES ION AND WATER BALANCE OF MUDPUP EXTRA-RE SHANNING TURTLES CHELYDRAS SP SNOWCOVER ECOLOGY OF DIAPYCNIA ARLET BYCOP SY SNOWMELT IN HARDWOOD FORESTS WIND PROFILES OVER SNOWMELT WATER STRESS IN HARDWOOD TREES SNOWMELT SNOWSHOE HARE DEER AND FISHERS GENERAL ECOLOGY SNYARTIC TRANSMISSION PHYSIOLOGY OF ELECTRONIC D SOCIAL BEHAVIOR IN BEAVER FOREST WILDLIFE MGT. SOCIAL BEHAVIOR OF AMERICAN CHAMPION ENDOCRINOLOGICAL BEHAVIOR OF MAMMALS HUMAN ETHIOLOGY SOCIAL BEHAVIOR OF PEROMYSCUS BIRD POPULATIONS SOCIAL BEHAVIOR OF VERTEBRATES SOCIAL BEHAVIOR OF SOCIAL BEHAVIOR SOCIAL BEHAVIOR OF AMERICAN CHAM SOCIAL BEHAVIOR ORGANIZATION IN NEOTOMA FLORIDANA SOCIAL BIOLOGY ECOLOGY OF HOMICIDE AND SUICIDE OF SOCIAL ETHIOLOGY OF PROCELLARIUS BEHAVIOR AFFECTED SOCIAL FACTORS EVALUATION OF PROGRAMS FOR PREGNA SOCIAL ORGANIZATION IN NEOTOMA FLORIDANA SOCIAL SOCIAL ORGANIZATION IN NEOTOMA FLORIDANA SOCIAL SOCIAL STRUCTURE IN FISH VERTEBRATE BEHAVIOR AN SOCIAL ECONOMIC ENVIRONMENTAL INSTIT INDUSTRIAL SOCIO-ECOLOGICAL VALUES OF WETLANDS EDITORIAL CO SOFT PLANT CROPS RESEARCH OF AGRICULTURAL CHEMIE SOFT DRINK ADDITIVES STUDY - WATER-WESTERN CYST SOFTSHELL CLAMS IPSWICH MA ENVIRONMENTAL IMPAC SOIL EVALUATION OF CLIMATE CROP INTERACTIONS FV SOIL AND BIOACTIVITY HERBICIDE MOVEMENT IN SOILS SOIL AND WATERSHED SOIL EVALUATION WATERS DISPO SOIL CHANGE FOREST FERTILIZATION REPAIR - NEW F SOIL CHEMISTRY AND CLAY MINERALOGY FINE SOIL DO SOIL CLASSIFICATION GENESIS AND MAPPING SOIL INT SOIL CLAY MINERALOGY AND SYSTEM ANALYSIS LINBAR SOIL DAMAGE ON LOGGED AREAS OF NEW YORK SOIL SC SOIL EFFECT OF FERTILIZER ON SOIL SALINA EFFECT OF	247 547 392 247 100 82 121 193 59 194 181 430 360 190 693 95 121 400 181 631 632 164 632 295 44 252 162 606 910 764 479 192 382 571 661 794 641 261 221 221 424 534 320 411 125 299 673 794 743 743 520 217 727 214 214 465 56 416 148 361 613 161 148 395 770 473 352 395 395 473 471 484 61 479 404 609 763 157 699 649 92 351 157 480

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

POTRYTIS PHYSIOLOGY & DISEASES MYCOECOLOGY OF SERPENTINE	SOIL EPIDEMIOLOGY & PHYSIOLOGY OF BOTRYTIS DISEA	446
Y MINERALGY MINE SPOIL POTENTIALS FOR WATER QUALITY AND	SOIL EROSION MINERAL NUTRITION AND ANIMAL HEALTH	649
PLANNING TRANSPORT FACILITY IMPACT ON SOIL AND WATERSHED	SOIL EVALUATION - WASTE DISPOSAL FOR CAMPGROUND	157
ANNUAL AND SEASONAL LOBLOLLY PINE SITE PRODUCTIVITY -	SOIL FACTORS WATERSHED NUTRIENT BUDGETS - CENTRA	571
T OF PRESCRIBED FIRE ON SOIL FAUNA VERTICAL MIGRATION OF	SOIL FAUNA THE MICROFAUNA OF FOREST SOIL EFFECT	480
A THE MICROFAUNA OF FOREST SOIL EFFECT OF FERTILIZER ON	SOIL FAUNA EFFECT OF PRESCRIBED FIRE ON SOIL FAU	480
OE FERTILIZER ON SOIL FAUNA EFFECT OF PRESCRIBED FIRE ON	SOIL FAUNA VERTICAL MIGRATION OF SOIL FAUNA THE	480
TY EFFECTS OF FERTILIZERS AND MANURE ON SOILS AND CROPS	SOIL FERTILITY AND CROP PRODUCTION RESEARCH IN L	765
ION, AGRICULTURAL ECONOMIC DEVELOPMENT	SOIL FERTILITY AND PLANT NUTRITION LAND RECLAMAT	335
	SOIL FERTILITY EVALUATION	350
CP FORESTRY AND WILDLIFE EFFECT OF VEGETATION CHANGES ON	SOIL FERTILITY VEGETATION GROWTH NUTRITION OF	171
LTY AND SOIL EROSION MINERAL NUTRITION AND ANIMAL HEALTH	SOIL FERTILITY SOIL CHEMISTRY AND CLAY MINERALO	649
TY AND CROP PRODUCTION RESEARCH IN LIMING FERTILIZERS	SOIL FORMATION EFFECTS OF HIGH MANURE RATES ON S	765
NEPAOLOGICAL ANALYSES OF CLAY SAMPLES STUDIES RELATED TO	SOIL GENESIS CLASSIFICATION MORPHOLOGY AND LAN	803
ILS SOIL SURVEY SOIL CLASSIFICATION GENESIS AND MAPPING	SOIL INTERPRETATION LAND USE FATE OF ANIMAL WAST	92
COLUATION OF TROPICAL LEGUMES POLLUTION OF FARM PONDS	SOIL MICROBIOLOGY BIODEGRADATION OF PESTICIDES N	491
NOMY SABBATICAL - UNIV. MYSORE TOXOPLASMOIS ACAROLGY	SOIL MITES (ORIBATEI) LIFE HISTORY STUDIES TAX	633
ED OAK NET PRECIPITATION IN MIXED OAK STANDS PATTERNS OF	SOIL MOISTURE DEPLETION IN OAKS FOREST SOIL WAT	81
H RESPECT TO ECOSYSTEM STRUCTURE AND FUNCTION EFFECTS OF	SOIL NUTRIENTS ON ECOSYSTEM STRUCTURE SEASONAL F	481
	SOIL ORGANIC MATTER MYCORRHIZAE	288
BEHAVIOR OF BIOCIDES IN SOILS AND WATERS BIOCIDES IN THE	SOIL PESTICIDES IN SOIL AND BIOACTIVITY HERBICID	763
F CONNECTICUT RESEARCH COLLABORATOR, USES HUBFARD BROOK	SOIL PHYSICS AND PLANT PHYSIOLOGY RESEARCH ASSOC	248
IN CENTRAL ILLINOIS PLANT COMMUNITY DYNAMICS INCLUDING	SOIL RELATIONSHIPS AND PHYSIOLOGICAL ECOLOGY ST.	250
TIONSHIPS AUTOMATIC DATA PROCESSING CHARACTERIZATION OF	SOIL RESOURCES APPLICATIONS OF REMOTE SENSING DA	546
HEBE CONTINUUM THERMAL POLLUTION DISPOSING WASTE HEAT TO	SOIL REVEGETATION OF SPOIL AND REFUSE BANKS CRO	474
FOR CAMPGROUND SOIL DAMAGE ON LOGGED AREAS OF NEW YORK	SOIL SCIENCE APPLIED TO TREE WATER RELATION; MAN	157
AL DEVELOPMENT EVALUATE LAND FOR COMMERCIAL DEVELOPMENT	SOIL SCIENCE CLASSIFICATION MAPPING AND INTERPR	621
LOGY ENGR. ARCHAEOLOGY ENGR.	SOIL SCIENCE IN RESOURCE DEVELOPMENT FAO ARCHAEO	524
EAS	SOIL SCIENCE INTERPRETATION OF SOILS IN URBAN AR	733
SEASONAL FLUCTUATION OF PHYTOPLANKTON INVESTIGATION OF	SOIL SCIENCE WITH RESPECT TO ECOSYSTEM STRUCTURE	481
CAL SYSTEMS PLANT AND	SOIL SCIENCES AND THEIR RELATIONSHIP TO ECOLOGI	505
ON OF SOIL RESOURCES APPLICATIONS OF REMOTE SENSING DATA	SOIL SUITABILITY FOR SEPTIC TANKS LAND USE REM	546
ON LAND USE FATE OF ANIMAL WASTE IN SOILS TROPICAL SOILS	SOIL SURVEY SOIL CLASSIFICATION GENESIS AND MAP	92
-SITE INDEX NATIONWIDE SOIL-WOODLAND INTERPRETATIONS FOR	SOIL SURVEY AUTOMATING SOIL-SITE INDEX FOR DATA	427
LEPHIA PATTERNS OF NUTRIENT CYCLING, MOUNTAIN ECOSYSTEMS	SOIL SURVEY FOR USE IN DEVELOPMENT AND MANAGEMEN	301
IC MATTER, MYCORRHIZAE	SOIL SYSTEMS-PLANT ROOT INTERACTIONS SOIL ORGAN	288
ANDS PATTERNS OF SOIL MOISTURE DEPLETION IN OAKS FOREST	SOIL WATER RELATIONS REGENERATION FOLLOWING CUTT	81
WITH ANTI-TRANSPIRANTS WATER USE BY PLANT MANAGEMENT CE	SOIL WATER FERTILIZER IN FIELD AND CONTAINER C	179
OGY RESEARCH - INDONESIA PLANNING FOREST SOILS RESEARCH	SOIL-FOREST RELATIONSHIPS ESPECIALLY NUTRITION	699
PARANA COMMISSION CONSOLIDATED EDISON ECOLOGY; TROPICS;	SOIL-PLANT RELATIONSHIPS; ENVIRONMENTAL IMPACT S	265
PRODUCTIVITY RECYCLING OF NUTRIENTS ENERGY FLOW THROUGH	SOIL-PLANT-ATMOSPHERE CONTINUUM THERMAL POLLUTIO	474
OF MAPLE APPLICATION OF ECOLOGY TO FOREST STAND CULTURE	SOIL-SITE EVALUATION FOR HARDWOOD SPECIES SILVIC	756
SOIL-WOODLAND INTERPRETATIONS FOR SOIL SURVEY AUTOMATING	SOIL-SITE INDEX FOR DATA BANKS CORRELATION BETW	427
TIVITY FOR WOODLANDS AND RELATED USES GATHERING STANDCARD	SOIL-SITE INDEX NATIONWIDE SOIL-WOODLAND INTERPR	427
CH IN NORTHERN HARDWOODS RESEARCH ADMINISTRATION FOREST	SOIL-SITE RELATIONS TREE PHYSIOLOGY RESEARCH M	560
E RELATIONS TREE PHYSIOLOGY RESEARCH MANAGEMENT FOREST	SOIL-SITE RESEARCH IN NORTHERN HARDWOODS RESEARC	560
SUITABILITY FOR SEPTIC TANKS LAND USE REMOTE SENSING	SOIL-WATER RELATIONS AUTOMATIC DATA PROCESS	546
LATED USES GATHERING STANDARD SOIL-SITE INDEX NATIONWIDE	SOIL-WOODLAND INTERPRETATIONS FOR SOIL SURVEY AU	427
PESTICIDES IN SOIL AND BIOACTIVITY HERBICIDE MOVEMENT IN	SOILS FATE AND BEHAVIOR OF BIOCIDES IN SOILS AN	763
SE ON WATER QUALITY EFFECTS OF FERTILIZERS AND MANURE ON	SOILS AND CROPS SOIL FERTILITY AND CROP PRODUCT	765
RILIZERS SOIL FORMATION EFFECTS OF HIGH MANURE RATES ON	SOILS AND CROPS EFFECT OF LAND USE ON WATER QUAL	765
CAROLINA STATE FOREST FERTILIZATION COOPERATIVE FOREST	SOILS AND FERTILIZATION FIRST ANNUAL REPORT OF T	293
TING SOIL-SITE INDEX FOR DATA BANKS CORRELATION BETWEEN	SOILS AND POTENTIAL PRODUCTIVITY FOR WOODLANDS A	427
CIDE MOVEMENT IN SOILS FATE AND BEHAVIOR OF BIOCIDES IN	SOILS AND WATERS BIOCIDES IN THE SOIL PESTICIDES	763
O INDIAN INSTITUTE IN MICROBIOLOGY MICROBIAL ECOLOGY OF	SOILS AND WATERS WORKSHOP ON ECOLOGY LIFE DETECT	566
ORGANIC WASTES ON THE PHYSICAL AND CHEMICAL PROPERTIES OF	SOILS CHARACTERIZATION STUDY OF RHODE ISLAND SOI	803
TEWATER DISPOSAL ON THE LAND SLUDGE DISPOSAL ON THE LAND	SOILS FOR WASTEWATER DISPOSAL PHYSICAL AND CHEM	383
	SOILS IN URBAN AREAS	733
OPERTIES OF SOILS CHARACTERIZATION STUDY OF RHODE ISLAND	SOILS MINERALOGICAL ANALYSES OF CLAY SAMPLES ST	803
NING FOREST ECOLOGY RESEARCH - INDONESIA PLANNING FOREST	SOILS RESEARCH SOIL-FOREST RELATIONSHIPS ESPEC	699
RETATION LAND USE FATE OF ANIMAL WASTE IN SOILS TROPICAL	SOILS SOIL SURVEY SOIL CLASSIFICATION GENESIS A	92
ING SOIL INTERPRETATION LAND USE FATE OF ANIMAL WASTE IN	SOILS TROPICAL SOILS SOIL SURVEY SOIL CLASSIFIC	92
WASTEWATER DISPOSAL PHYSICAL AND CHEMICAL PHENOMENA IN	SOILS WASTEWATER DISPOSAL ON THE LAND SLUDGE DIS	383
EGION ECOLOGY AND TERRAIN OIL SPILL AND CLEAN UP ARCTIC	SOILS PERMAPROST TUNDRA ECOLOGY ENVIRONMENTAL	82
N FOUR NATURAL AREAS USE OF CHLOROPHYLL EXTRACTS TO MEAS	SOLAR RAD. EFFECTS OF FIRE ON PLANT COMMUNITIES	710
ARINE CANYONS ANIMAL SEDIMENTS RELATIONSHIPS IN DEEP SEA	SOLID REFUSE DISPOSAL DEEPSEA EFFECTS BENTHIC	599
SOLID WASTE DISPOSAL AIR POLLUTION PLASTICS STUDIES ON	SOLID WASTE DISPOSAL AND INCINERATOR CORROSION .	45
W ENGLAND SALT MARSH ECOLOGICAL MODEL OF NARRAGSETT BAY	SOLID WASTE DISPOSAL IN THE OCEAN TOTAL SYSTEM	528
UDIES ON SOLID WASTE DISPOSAL AND INCINERATOR CORROSION	SOLID WASTE DISPOSAL AIR POLLUTION PLASTICS ST	45
RTIC OIL EXPLORATION ENVIRONMENTAL IMPACT ANAL. REGIONAL	SOLID WASTE MANAGEMENT JAMES RIVER BASIN WASTE M	776
ILOGICAL ECOLOGY & COMPREHENSIVE ENVIRONMENTAL PLANNING	SOLID WASTE MANAGEMENT PLAN BERKS COUNTY LOCAL G	385
CTION IN SANITARY LANDFILLS DECOMPOSITION OF CELLULOSE	SOLID WASTE MANAGEMENT REST AREA USAGE ACID AND	808
ENVIRONMENTAL WORK IN EDUCATION POLLUTION ANALYSIS AND	SOLID WASTE MANAGEMENT SOLID WASTE MANAGEMENT ST	362
EDUCATION POLLUTION ANALYSIS AND SOLID WASTE MANAGEMENT	SOLID WASTE MANAGEMENT STUDY-STATE OF MASSACHUSE	362
ION SURVEY OF SALT MARSHES-QUINCY MASSACHUSETTS VERMONT	SOLID WASTE PLAN ENVIRONMENTAL WORK IN EDUCATIO	362
MENTAL TECHNOLOGY PROBLEMS WASTE MANAGEMENT ALTERNATIVES	SOLID WASTE TECHNOLOGY ANALYSIS STUDY AND SOL	329
EW YORK CONSULTANT - ECOLOGY, INC. POLLUTION - AQUATIC	SOLID WASTES (COMPOSTING) CONSULTANT - US ATTORN	107
TERNATIVES SOLID WASTE TECHNOLOGY ANALYSIS STUDY AND	SOLUTION OF COMPLEX ENVIRONMENTAL TECHNOLOGY PRO	329
(MINE DRAINAGE AND INORGANIC) GEOLOGIC FACTORS AFFECTING	SOLUTION POROSITY OF KARST AQUIFERS KARST AND C	573
ICAL PHYSICAL HUMAN ENVIRONMENTAL IMPACT FACTORS-DEWISE	SOLUTIONS A COMPARATIVE ENVIRONMENTAL STUDY OF P	193
SLAND INDUSTRIAL WASTES PROBLEM ANALYSIS AND MANAGEMENT	SOLUTIONS IN COASTAL ZONE RESOURCES COASTAL ZONE	811
H TO DETERMINE ENVIRONMENTAL PROBLEMS PROJECT DESIGN TO	SOLVE PROBLEMS CUPS-AW LAKE FLOOD CONTROL PROJECT	66
C PROJECT FUEL ENERGY AIR AND WATER POLLUTION CONTROL	SOLVENT REFINED COAL ENVIRONMENTAL IMPACT STATEM	372
NOISE - MICROCLIMATE INTERACTIONS WILD SHRUB CULTIVATION	SONGBIRD ATTRACTION INTEGRATED METHODS PEST CONT	186
	SONIC TRACKING STRIPED BASS	791

TABLE 1 - SUMMARY OF CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

RATES IN L.N.T. AND SOUND METAL ANALYSIS IN LONG ISLAND	SOUND	ESTIMATING POLLUTION FROM PHONE	711
VERTEBRATE ECOLOGY AND PALEOLOGY FEEDER RESEARCH BIRD	SOUND ASSESSMENT		714
E-PHYSICAL (BIOL.) DREDGE SPOIL DISPOSAL IN RHODE ISLAND	SOUND CORRELATION BETWEEN FISH CATCHES AND MI		755
OTH NATURAL AND MAN-CREATED ORIGIN ANALYSIS OF NANTUCKET	SOUND ISLANDS EP. FILL EMULCIFICATION OF OIL		761
ESTUARY POLLUTION PHOSPHATES IN LONG ISLAND	SOUND METAL ANALYSIS IN LONG ISLAND SOUND		711
AND FISHES (NOT SALMONIDS) ANADROMOUS FISHES OF ALBEMARLE	SOUND N.C. AREA LONG RANGE RESEARCH NEEDS FOR N.C.		744
R AND LAND QUALITY BIOLOGICAL IMPACT OF PESTICIDES PUGET	SOUND WATER QUALITY EFFECTS BELLEGLAM BAY WATER		657
ENERGY	SOURCES OF AQUATIC HETEROTROPHIC NUTRIENTS		707
AL, ARKANSAS IDENTIFY AND EVALUATE ACTUAL AND POTENTIAL	SOURCES OF AQUATIC POLLUTION ENVIRONMENT MONITORING		542
ING APPLIED TO GENERATION AND USE OF ENERGY NONPOLLUTING	SOURCES OF ENERGY PHYSICIS AND ENGINEER		737
SURVEY BIRD BLUFF, AR INVENTORY AND EVALUATE POTENTIAL	SOURCES OF TERRESTRIAL POLLUTION ENVIRONMENT MONITOR		654
COOPER RIVER ESTUARY ENVIRONMENTAL IMPACT STUDIES I-IV	SOUTH CAROLINA SALT MARSHES AND DUNES		687
PAPASITES ON SHARPTAILED GROUSE PARASITES OF BIG GAME IN	SOUTH DAKOTA ANIMAL ECOLOGY AND MANAGEMENT AND		17
OF THE BLACK HILLS PINE FOREST MOVEMENTS OF PHEASANTS IN	SOUTH DAKOTA ECOLOGY OF UPLAND AND BIG GAME AN		567
GERLING TROUT IN MONTANA ACCELERATED EUTROPHICATION IN A	SOUTH DAKOTA LAB. HAVE EMPHASIZED FRESHWATER F		365
SOURCE MANAGEMENT - ENVIRONMENTAL EFFECTS OF DEVELOPMENT	SOUTH FLORIDA REGIONAL AIRPORT SITE SELECTION STUD		2
IR AFTER REHABILITATION BASIC RESEARCH ON ACID SPOILS IN	SOUTH ILL. PRE-PLANNING FOR TOTAL LAND UTILIZAT		52
ESS ON SUCCESSIONAL SPECIES PROPOSED ALIGNMENT I-78 PA.	SOUTH LES FREEWAY NORTHWEST EXPRESSWAY ALIGNMENT		746
AND MARINE OCEAN COUNTY REG. SEW. AUTH. ENV. ASSESSMENT	SOUTH MAMMOUTH REG. SEW. AUTH. ENV. ASSESSMENT		467
MARINE ENVIRONMENTAL STUDIES CURRENTS OFF THE	SOUTH SHORE OF LONG ISLAND NY		707
TION WHAIL HABITAT AND BOBWHITE QUAIL PROTECTION	SOUTH TEXAS RANGE AND WILDLIFE MANAGEMENT HUBB		69
NE ARCTIC AND WOOD PLANT IDENTIFICATION VEGETATION MAP	SOUTHAMPTON NY FROM AIR PHOTO. FOREST ECOLOGY		41
YEAR CHANGE IN A SELECTED SALT MARSH WETLANDS STUDY OF	SOUTHAMPTON TOWN NEW YORK EFFECTS OF TIDE GATES		675
REHOLOGY SYSTEMATICS EMBRYOLOGICAL STUDY OF POPULATION	SOUTHEAST CORNUS QUALITY AND QUANTITY STUDY WITH		65
OF STUDIES I-IV, SOUTH CAROLINA SALT MARSHES SAND DUNES	SOUTHEAST FLORA LONG ISLAND FLORA THE FLORA OF		680
ING ON DEER FOOD PRODUCTION FORAGES EATEN BY DEER IN THE	SOUTHEAST SIMULATED BROWSING BY CLIPPING THE SP		30
ECOSYSTEM IN SOUTHERN TUNISIA BIOGEOGRAPHY HERPETOFAUNA	SOUTHERN SPAIN BIOGEOGRAPHY HERPETOFAUNA MAROCCO		97
MARITIME HERPETO LIZARD ECOLOGY PRESAVANAN ECOSYSTEM IN	SOUTHERN TUNISIA BIOGEOGRAPHY HERPETOFAUNA MAROCCO		97
OF MEDICAL CARE URBAN SYSTEMS ENGINEERING AND PLANNING	SOUTHERN W.VA. ENVIRONMENTAL HEALTH PLANNING		512
D BIOLOGICAL POLLUTION MONITORING TROPOSPHERIC ECOLOGY OF	SOUTHWESTERN RESERVOIRS ECOLOGICAL IMPACT OF AND		469
OF PSEUDO-SELF-COMPATIBILITY OF RED CLOVER FORAGE LEGUMES	SOYBEAN BREEDING & CULTURE PLANT BREEDING		423
TERRESTRIAL FACTORS AND CULTURAL PRACTICES EFFECTING THE	SOYBEAN PLANT INFLUENCE OF A MICROBIAL INOCULANT		127
PROPAGATING THE SOYBEAN PLANT INFLUENCE OF A MICROBIAL INOC	SOYBEAN PLANTS INFLUENCE OF 2,3,5-TRIMETHYL TIC		127
ON CARBOXYLS IN ATLANTIC OCEAN METABOLISM OF A HERBICIDE IN	SOYBEANS ANALYSIS OF SYNTHETIC ORGANIC COMPOUND		309
SOYBEAN PLANTS INFLUENCE OF 2,3,5-TRIODABENZOIC ACID ON	SOYBEANS ENVIRONMENTAL FACTORS AND CULTURAL PRA		127
THE HERPETOLOGY VARIATION IN SHARPING TURTLES CHELYDRA	SYSTEM		217
F (AFRICAN FISH COMMUNITIES FISH SEXUALITY AND PHYLOGENY	SPACE SHARING IN FISH COMMUNITIES ECOLOGY AND E		658
M QUALITY VEGETATIONAL CHANGES AND EFFECT ON AVIFAUNA IN	SPAIN EFFECT OF URBANIZATION ON WATER STRA		71
M IN SOUTHERN TUNISIA BIOGEOGRAPHY HERPETOFAUNA SOUTHERN	SPAIN BIOGEOGRAPHY HERPETOFAUNA MAROCCO LIZARD		97
VERTEBRATE PHYSIOLOGICAL ECOLOGY AND POPULATIONS HOUSE	SPARROW ENERGETICS AND DISTRIBUTION EFFECTS OF A		65
OLDATORY BIOLOGY AND BEHAVIOR ARTIFICIAL INCUBATION CE	SPARROW HAWK EGGS ECOLOGY OF AFRICAN EAGLES COMP		685
ADAPTATIONS TO TEMPERATURE EXTREMES ACCLIMATIZATION OF HS	SPARROW TO COLD REPERTEBATE A		40
YON AND ROCK WRENS BEHAVIOR SYMPATRIC ARIZONA GRASSLAND	SPARROWS AVIAN ECOLOGY AND BEHAVIOR COMPARATIVE		730
ECOLOGY OF DECAPOD CRUSTACEANS DECAPOD FAUNAL DIVERSITY IN	SPARTINA FAUNAL SURVEY OF POTENTIAL FILL SITES		591
HE TROPHIC LEVELS OF A MARSH THE FACTORS CONTROLLING THE	SPATIAL AND TEMPORAL DISTRIBUTION OF ZOOPLANKTON		594
ECOLOGICAL PRODUCTIVITY OF SUBARCTIC ALASKA TASK FORCE CN	SPATIAL HETEROGENEITY IN AGRICULTURAL PLANT BRRE		339
BE EFFECT OF MALTHION ON CRAYFISH RESPIRATION TEMPORAL &	SPATIAL VARIATION OF ZOO. IN THE HUDSON ESTUARY		594
FOR EARLY LIFE HISTORY OF LEPOMIS MACROCHIRUS CONTROLLED	SPAWNING OF FRESH WATER/MARINE TERREST. BEHAVIOR		176
G COMPETITION ON AN INTERSPECIFIC LEVEL LOCATION OF SHAD	SPAWNING SITES CONNECTICUT RIVER FOOD CHAIN		190
RESERVOIRS RESERVOIR POPULATION ESTIMATION RAINBOW TROUT	SPAWNING SUCCESS FISH BIOLOGY MEASURES OF ENVI		246
NIC ALGAE AT PRESENT I AM AN ENVIRONMENTAL INFORMATION	SPECIALIST MARINE PLANKTON		778
INVENTORY OF MOUSSES (EUSTACIANS FISH) ENVIRONMENTAL	SPECIALIST EFFECTS OF WATER QUALITY AND QUANTITY		186
DIAD RESEARCH ASSISTANT BIOLOGICAL TECHNICIAN RESEARCH	SPECIALIST RESEARCH OF ZOOPLANKTON AND METHODS		667
ADAPTATIONS IN WILDLIFE MANAGEMENT - ORNITHOLOGY RESEARCH	SPECIALIST RESEARCH ASSISTANT RESEARCH ASSISTANT		167
SHIPS BUILDINGS METALS ETC. FOR UNDER AND ABOVE WATER	SPECIALIZED CHEMISTRY - VITAMIN ANALYSIS OF FISH		479
MICROBIAL FUNGI AND MUSHROOM RESISTANT - WATER BASED OXIDE	SPECIALIZED ENVIRONMENTAL CHEMISTRY AND TOXICOL		479
TER POLLUTION PROBLEMS - PUBLIC SERVICE AQUATIC ECOLOGY	SPECIALIZING IN PRODUCTIVITY STUDIES LIMNOLOGIA		491
F ANIMAL ECOLOGY - ENVIRONMENTAL INFLUENCES ON BEHAVIOR	SPECIATION; ENVIRONMENTAL IMPACT STATEMENT DEVEL		270
T ENVIRONMENTAL ADVISOR ECOLOGICAL IMPLICATION OF BROAD	SPECTRUM PESTICIDES AND/OR THE SOCIO-ECOLOGICAL		488
LEAGIA TERRESTRIAL PLANT ECOLOGY AND TAXONOMY DETERMINE	SPEED OF GERMINATION IN SEEDS OF AQUILEGIA OFFIC		415
ERENNEAN OCEAN ACRE STUDIES STUDY OF INFLUENCE OF TOWING	SPEED ON CATCH PLANKTON & NETTON SAMPLING AND		21
PHYCOLOGY LICHENOLOGY MOSS CYTOLOGY	SPHAGNUM TAXONOMY & ECOLOGY		666
STUDY SCHUYLKILL RIVER ECOLOGICAL STUDY BUFFER TOXIN CF	SPHONGOCIDES TESTUDINEFUS ICHTHYOLOGY FISHERY BI		487
OF THE TUNDRA BIOME IBS COLD REGION ECOLOGY AND TERREST	SPICER MITTS		141
ECOLOGY AND MANAGEMENT RESEARCH AND ADMINISTRATION	SPILL AND CLEAN UP ARCTIC SOILS ENHANCED		82
TERRESTRIAL POLLUTION BRIDGEPORT HARBOR CONNECTICUT OLD OIL	SPILL CONTINGENCY PLAN FOR WILDLIFE WETLAND HABI		204
PLANT PLANTS ECOLOGICAL ASSESSMENT OF POWER PLANT	SPILL EFFECTS NORWALK CONNECTICUT PHYSICAL OC		307
AND ANGLORSEPH PHYSIOLOGICAL ECOLOGY AERIAL SURVEILLANCE	SPILL IMPACT STUDY COMBUSTION/FLAMING OF CRACK OIL		353
AND MOVEMENT OF OIL SPILLS FOOD PROCESS ENGINEERING	SPILL IN THE SCHUYLKILL RIVER PAUL ALBA HUBB		517
CONDITIONS OF THE BETA OF CHESAPEAKE BAY CIL	SPILL PREVENTION APPL. OF FRTS-1 TO FISHERY REPO		458
BOUND MINE DRAINAGE WATERS DOWN WIND TRAVEL OF CHY EVEN	SPILL SOURCE DETECTION BUBBLE INDUCED UPWELLING		637
CEDED UPWELLING OF SEA WATER SPREADING AND MOVEMENT OF CIL	SPILL STUDY ENERGY POLICY PROJECT		69
TS AND POLYELECTROLYTES DEVELOPMENT OF COLLECTOR FOR CIL	SPILL USE OF CLUDEDIZED SED. ELECTRODEPOSIT		782
FOR APARTMENT AND PLANNING THALLIUM POLLUTION HAZARDOUS	SPILLS FOOD PROCESS ENGINEERING OIL SPILLS SOURCE		630
ITY AND ECOLOGY OF FREE-LIVING MARINE COEPODA REVIEW OF	SPILLS DEVELOPMENT OF FILTERS FOR AIR SPILLS SYNT		63
L POLLUTIVE DISPOSING WASTE HEAT TO S OIL REVEGETATION OF	SPILLS OF TOXIC CHEMICALS ENVIRONMENTAL IMPACT		447
IMPACT OF GATHRIGHT DAM SITE LOCATION FOR HAWKTON BOATS	SPINICALANIDAE ARCTIC COEPODA AND ALBI TRICH		370
A QUANTITATIVE ANALYSIS EFFECTS OF FRESHING AND DREDGE	SPILL AND REPAIRS PANS, CRAP RECOVERY AND PHYSICAL		474
PLICATION BY POLLUTION (MARINE-ENVIRONMENTAL-BIOL.) DREDGE	SPOIL BANK ECOLOGY AND SYNTHEMIS OF FRESH. RI		62
SOIL FERTILITY SOIL CHEMISTRY AND CLAY MINERALOGY WINE	SPOIL DISPOSAL MARINE BENTHIC ECOLOGY CRAP COD		807
AND BUILDING STABILIZATION AND PRODUCTIVE USE OF DREDGE	SPOIL DISPOSAL IN RHODE ISLAND SOUND CORRELATION		556
RESERVOIR AFTER REHABILITATION BASIC RESEARCH ON ACID	SPOIL POTENTIALS FOR WATER QUALITY AND SOIL EROS		649
POISONING ANATOMIC PATHOLOGY PARTICULARLY REGARDING	SPOIL RECLAMATION AND STABILIZATION OF DRAINAGE		801
	SPOILS IN SOUTH ILL. PRE-PLANNING FOR TOTAL LAN		529
	SPONTANEOUS DISEASES OF LABORATORY ANIMALS NHO		245

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

NS OF JUGLANS SEEDS COMPARISON OF PROTEINS OF LYCOPODIUM	133
FISHERY MANAGEMENT AND FISHERY BIOLOGY AS PERTAINING TO	61
COLOGY OF FLORIDA KEYS TARPOON PESTICIDE RESEARCH PROJECT	744
F HELMINTHOSPORIUM MAYDIS RACE T SELECTIVE INHIBITION OF	442
ISH BIOLOGY AND ECOLOGY DISTRIBUTION AGE AND ECOLOGY OF	35
SPECIALLY PARASITIC INSECTS CARRION INSECT ECOLOGY CULEX	373
L SOURCE DETECTION BUBBLE INDUCED UPWELLING OF SEA WATER	630
EPRODUCTIVE BIOLOGY GENERAL ECOLOGY AND SYSTEMATICS OF	468
VEY OF TERRESTRIAL VERTEBRATE POPULATIONS LIZARD ECOLOGY	215
OLOGICAL DATA EFFECTS OF EARLY SEPTEMBER HUNTING ON GRAY	493
D ECOLOGY OF NORTH AMERICAN WOODPECKERS; SAME FOR GROUND	291
SHES OF A RESERVOIR; ALSO SAMPLING TECHNIQUES FOR FISHES	322
AND OTHER POLLUTANTS LONG-TERM EFFECTS OF PESTICIDES IN	539
NG VALLEY SUSQUEHANA RIVER PA IS MAINTENANCE DREDGING	48
NG ON TIMBER OPERATIONS AND WILDLIFE WILDLIFE RESOURCES	762
S INCLUDING SOIL RELATIONSHIPS AND PHYSIOLOGICAL ECOLOGY	250
IN FOREST ECOSYSTEM LAND USE IN RELATION TO ECOLOGICAL	374
DUCTIVITY OF ESTUARINE AND COASTAL ECOSYSTEMS ECOLOGICAL	521
GGY OF CROPS TROPICAL INSECT ASSOCIATIONS DIVERSITY AND	595
COASTAL STABILIZATION; LAND RECLAMATION; MARSH BUILDING	801
ASSOCIATED POLLUTION STRIP MINING RECLAMATION AND SLICE	810
TIVE FOREDUNE CONSTRUCTION AND SHORELINE PROTECTION SAND	800
ATION AND PRODUCTIVE USE OF DREDGE SPOIL RECLAMATION AND	801
SOUTH ILL. PRE-PLANNING FOR TOTAL LAND UTILIZATION LAND	529
FLIA ISLAND GRASSLAND FERTILITY AND MANAGEMENT; COASTAL	801
S GREAT LAKES ACCEL. EUTROPHICATION THRESHOLDS ACHIEVING	437
THE USE OF THE ENVIRONMENT REPORT OF 1 95 ENVIRONMENTAL	422
EVALUATION OF ENVIRONMENTAL EFFECTS OF CHEMICALS PRESENT	452
ANNUAL CANKER OF MAPLE APPLICATION OF ECOLOGY TO FOREST	756
ONS DYNAMICS AND SIMULATED YIELD OF DOUGLAS FIR TREE AND	490
AL PRODUCTIVITY FOR WOODLANDS AND RELATED USES GATHERING	427
CAL IMPLICATIONS ECONOMIC IMPACT OF ORGANOPHOSPHATE GSEA	231
FOR HARDWOOD SPECIES SILVICULTURE OF HARDWOOD AND MIZED	756
WING CUTTING IN MIXED OAK NET PRECIPITATION IN MIXED OAK	81
NEW HAVEN HARBOR CONN. ECOLOGICAL MONITORING PROGRAM	174
FACTS PRESQUE ISLE BEACH EROSION ENVIRONMENTAL IMPACTS	585
PICAL MARINE ANIMALS EFFECTS OF A PANAMA SEA-LEVEL CANAL	557
CN AND DISEASE OF BIGHORN SHEEP PHYSIOLOGICAL EFFECTS OF	623
MANAGEMENT AND POLICY FISHERIES OF MIDDLE ATLANTIC BIGHT	472
ULATIONS MANAGEMENT OF NORTHWEST ATLANTIC HERRING STOCKS	18
TY ANALYSIS; ALGOLGY (FRESH WATER) ENVIRONMENTAL IMPACT	347
TEM - WRITING OR EVALUATING NEPA STATEMENTS WRITING NEPA	527
T ECOLOGY - NEW HAVEN HARBOR CONN. ENVIRONMENTAL IMPACT	729
INFLUENCES ON BEHAVIOR SPECIATION; ENVIRONMENTAL IMPACT	270
ING CONVERSION OF WASTE TO FUEL GAS ENVIRONMENTAL IMPACT	27
OF THE SAW-WHET OWL ECOLOGY OF THE PINE VOLE REVIEW 104	227
STATEMENTS ON VARIOUS GAS PROJECTS ENVIRONMENTAL IMPACT	372
SCIENCE AND ECOLOGY DFGREE CANDIDATE ENVIRONMENTAL IMPACT	754
ARDS RESERVOIR ENVIRONMENTAL IMPACT ANALYSIS AND IMPACT	585
STEMS AND BIOLOGICAL RELATIONSHIPS ENVIRONMENTAL IMPACTS	117
ES; ENVIRONMENTAL IMPACT STATEMENTS ENVIRONMENTAL IMPACT	48
IOLGY; AGE-GROWTH LIFE HISTORIES; ENVIRONMENTAL IMPACT	48
NEPA STATEMENTS WRITING NEPA STATEMENT - REVIEW OF NEPA	527
OP. OF SOFTSHELL CLAMS IPSWICH MA ENVIRONMENTAL IMPACT	496
LOTION CONTROL SOLVENT REFINED COAL ENVIRONMENTAL IMPACT	372
LIMNOLOGY - STREAM SYSTEM - WRITING OR EVALUATING NEPA	527
STATEMENTS WRITING NEPA STATEMENT - REVIEW OF NE	457
EGG INLET MARINE AND FRESHWATER FISHERIES IN NE UNITED	363
ROCKS ISLAND DAM LIMRICK NUCLEAR	354
P MINE COAL WASTES FOREST GROWTH NEAR COAL-BURNING POWER	337
RIVER IN THE VICINITY OF THE LIMFRICK NUCLEAR GENERATING	337
IN THE VICINITY OF THE BARBADOES & CROMBY STEAM ELECTRIC	337
TION OF SOUTHEAST CORNUS QUALITY AND QUANTITY STUDY WITH	657
CTS ON YIELDS OF LOBSTERS POPULATION DYNAMICS INCLUDING	651
F PARKER RIVER, MASSACHUSETTS FISHERIES BIOLOGY - BASIC	581
EMS AND MATHEMATICAL MODELING	780
INTERACTION POPULATION MATHEMATICAL QUANTITATIVE AND	617
TON NY FROM AIR PHOTOS FOREST ECOLOGY SAMPLING METHODS	41
AR ESTIMATION BY PARABOLIC APPROXIMATION APPLICATION OF	462
L COMPUTER SYSTEMS ANALYSIS OF TECHNICAL INFORMATION AND	425
L BANDING CONSULTING ON USE OF QUANTITATIVE METHODS AND	318
STATISTICS IN ECOLOGY SE COOPERATIVE MORNING DOVE STUDY	318
IREMENTS PLAN WILLOW ISLAND LOCKS AND DAM - ENV. IMPACT	407
ESTICIDES USED BY FEDERAL AGENCIES TRAINING OBJECTIVES &	804
HUYLKILL RIVER IN THE VICINITY OF THE BARBADOES & CROMBY	337
CBLEMS TIE ADVISORY COUNCIL FOR URBAN ECOSYSTEMS STUDIES	358
ECIDUOUS FOREST ECOSYSTEM FOREST TREE ROOT SYSTEMS GROWN	702
ONS; PHAGOCYTOSIS CLOSTRIDIA INFECTIONS AND PHAGOCYTOSIS	708
ACTIVE ENDOCRINOLOGY - SPECIAL EMPHASIS ON OVULATION AND	667
CHEMICAL ASPECTS OF ABSORPTION FELCIA FERTILIZATION JON	510
RGASSUM SEXUAL DIMORPHISM IN TOADFISH SWIMBLADDEPS BRAIN	218
CENTRIFUGATION YPAST CELLS IN GRADIENT ACRYLAMIDE GROWTH	605
IN PONDS ON BK. TROUT FISHING QUALITY PREDATION ON NEWLY	73
ON FISH POPULATIONS IN NORTHERN MAINE EFFECTS OF VARIOUS	73
TILEFISHES MARINE ECOLOGY & SYSTEMATICS OF FISHES FISH	191
ISH POPULATIONS MANAGEMENT OF NORTHWEST ATLANTIC HERRING	18
SPORES COMPARATIVE STUDIES OF PLANT PROTEINS US	133
SPORT FISHERY DIGESTION IN BLACK CRAPPIE PREDATO	61
SPORT FISHERY OF BISCAYNE BAY FLORIDA ENVIRONM	744
SPORULATION MEASURES OF CONTROLLING PLANT DISEA	442
SPOTTED HAKE TEMPERATURE SELECTION OF FISH FROM	35
SPP. DIAPAUSE & GEOGRAPHIC DISTRIBUTION INSECT	373
SPRACING AND MOVEMENT OF OIL SPILLS FOOD PROCE	630
SQUAMATE REPTILES HERPETOPAUNA OF CUATRO CIENEGA	468
SQUIRREL COMPETITION AND ECOLOGY ECOLOGICAL SUP	215
SQUIRREL POPULATIONS EFFECTS OF HUNTING PRESSURE	493
SQUIRRELS ASPEN GREENBELT STUDY SYMPATRY OF RED	291
SR RESEARCH BIOLOGIST AGE AND GROWTH STUDIES ON	322
SSTRESS CONDITIONS ENVIRONMENTAL CONSEQUENCES OF	539
ST. CATHERINE SD POTOMOC RIVER MD MARINE FISH	48
ST. LAWRENCE BASIN VERTEBRATE ECOLOGY AND HABIT	762
ST. LAWRENCE E. ONTARIO SHORELINE STUDY BIOGENIC	250
STABILITY - ECOSYSTEM MANAGEMENT & PRESERVATION	374
STABILITY OF NORTH CAROLINA BARRIER ISLANDS SECO	521
STABILITY OF TROPICAL CROF SYSTEMS INFLUENCE OF	595
STABILIZATION AND PRODUCTIVE USE OF DREDGE SPOIL	801
STABILIZATION CYCLE OF COAL IN THE NORTHERN APPA	810
STABILIZATION FOREDUNE CONSTRUCTION VEGETATIVE S	800
STABILIZATION OF DUNES ON AMELIA ISLAND GRASSLA	801
STABILIZATION AND WATER UTILIZATION OF DRASTICA	529
STABILIZATION; LAND RECLAMATION; MARSH BUILDING	801
STAELE PREDATOR - PREY INTERACTIONS TERTIARY EPP	437
STAFF ANALYSIS OF LEGAL RIGHTS AND DUTIES ARIST	422
STAFF SCIENCE ADVISOR HAZARDOUS MATERIALS ADVISO	452
STAND CULTURE SOIL-SITE EVALUATION FOR HARDWOOD	756
STAND DATA FROM LOW-LEVEL AERIAL PHOTO RESPONSE	490
STANDARD SOIL-SITE INDEX NATIONWIDE SOIL-WOODLAN	427
STANDARDS HUNTING AND FISHING EXPENDITURE ANALYS	231
STANDS ANNUAL CANKER OF MAPLE APPLICATION OF EC	756
STANDS PATTERNS OF SOIL MOISTURE DEPLETION IN OA	81
STANFORD HARBOR CONN. DEVELOPMENT OF ESTUARINE	174
STANNARDS RESERVOIR ENVIRONMENTAL IMPACT ANALYS	585
STARBUISH PREDATION AND ITS EFFECT ON COPAL REEPS	557
STARVATION OR MALNUTRITION UPON MULE DEER INTER	623
STATE-FEDERAL FISHERY MANAGEMENT MODEL INVENTORY	472
STATE-FEDERAL LOBSTER MANAGEMENT PLAN - II STATE	18
STATEMENT - NUCLEAR POWER DIATOM COMMUNITY ANAYL	347
STATEMENT - REVIEW OF NEPA STATEMENTS INFORMAL C	527
STATEMENT - THAMES RIVER CONN. EVALUATING ENVI	729
STATEMENT DEVELOPMENT ARMY CORPS WATER WAY PROJ	270
STATEMENT DVC LIG. BOT. RESOURCE RECYCL	27
STATEMENT ON HIGHWAY I-88 NEW YORK VARIED RADI	227
STATEMENT ON HYDROELECTRIC PROJECT FUEL ENERGY	372
STATEMENT PREPARATION PEREGRINE FALCON POPULATIO	754
STATEMENT PREPARATION UNDER NEPA PHYSIOLOGICAL E	585
STATEMENT RESEARCH STUDY PROPOSAL CHLORINATION S	117
STATEMENT WYOMING VALLEY SUSQUEHANA RIVER PA	48
STATEMENTS ENVIRONMENTAL IMPACT STATEMENT WYOMI	48
STATEMENTS INFORMAL CONSULTATION LIMNOLOGY - ST	527
STATEMENTS MERCURY IN SEDIMENTS ESTUARINE ECOLO	496
STATEMENTS ON VARIOUS GAS PROJECTS ENVIRONMENTAL	372
STATEMENTS WRITING NEPA STATEMENT - REVIEW OF NE	527
STATES; COLLECTION & ANALYSIS ECOLOGICAL STUDY O	457
STATION DYNAMICS OF FOREST ECOSYSTEMS FOLLOWING	363
STATION ECOLOGICAL INVESTIGATION OF THE SCHUYLKI	354
STATIONS GREATEST COMPETENCE IN: AQUATIC ECOLOG	337
STATISTICAL ANALYSIS OF CORNUS PLANT MORPHOLOGY S	657
STATISTICAL ANALYSIS OF DATA AND SYSTEMS MODELIN	651
STATISTICAL APPLICATIONS AND POPULATION DYNAMICS	581
STATISTICAL DESIGN & ANALYSIS OF ECOSYSTEM PROBL	780
STATISTICAL GENETICS ISOZYME POLYMORPHISM ENVIRO	617
STATISTICAL STUDIES ALPINE ARCTIC AND WOOD PL	41
STATISTICAL THEORY AND METHODOLOGY TO ECOLOGICAL	462
STATISTICS DEMOGRAPHIC STUDIES OF CHEMIST BIOCHE	425
STATISTICS IN ECOLOGY SE COOPERATIVE HOURSING DO	318
STATISTICS IN GAME AND FISH WORK SE STATES ANALY	318
STATEMENT ENVIRONMENTAL ANALYSIS OF SALT CREEK LA	407
STDS FOR FEDERAL PEST MANAGEMENT OCCUPATIONAL EX	804
STEAM ELECTRIC STATIONS GREATEST COMPETENCE IN:	337
STEERING COMMITTEE OF DAT DONG OF INT. PEL. OF R	358
STEM RELATIONSHIPS IN FOREST TREES ANALYSIS OF	702
STEROID METABOLISM BY BACTERIA CLOSTRIDIA IMPEC	708
STEROIDOGENESIS EFFECT OF DRUGS & HORMONES ON ME	667
STEM. ATPASE CONTROLLET NA AND K UPTAKE IN PLANTS	510
STIMULATION IN TOADFISH SARGASSUM COMMUNITY ECO	218
STIMULATION OR INHIBITION BY METABOLIC BY-PRODUC	605
STOCKED LANDLOCKED SALMON APPLIED PRACTICAL RE	73
STOCKING RATES IN PONDS ON BK. TROUT FISHING QUA	73
STOCKS OF THE EVERGLADES NATIONAL PARK FISHES AS	191
STOCKS STATE-FEDERAL LOBSTER MANAGEMENT PLAN - I	18

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND RESEARCH FIELD

ANDS HYDROLOGICAL IMPORTANCE OF TRANSPIRATION	DATA INCLUDING OF FORESTS ON ENVIRONMENT	41
S PLANT EFFLUENTS ALLEGANY POWER COMPANY EFFECT OF PUMP	STORAGE POPULATION DYNAMICS OF SALMONIDS AND	421
LOW RESIDENTIAL DEVELOPMENT BRACKENBLENCHER RIVER	STORAGE FACILITY RENSSELAIRE POLY. INSTITUTE - H	619
& MANAGEMENT OF WARM WATER FISHES NORTHFIELD MT. POND	STORAGE HYDRO-ELEC. RES. FISH STUDY	168
E ENDANGERED FISHES S.F. U.S. PREIMPOUNDMENT SHEV. POND	STORAGE PROJECT ICHTHOLOGY: SYSTEMATICS DISTRI	377
SE SOLUTIONS A COMPARATIVE ENVIRONMENTAL STUDY OF PUBLIC	STORAGE SITES REPORT ON BIOLOGICAL PHYSICAL HU	369
ENVIRONMENTAL PHYSIOLOGY OF MARINE ANIMALS IMPACT OF LOGICAL	STORM WINDS ON DELAWARE ESTUARY ECOLOGICAL SURVE	193
OF MAINE THERMAL EFFECT ON ALGAL PRODUCTIVITY - POPULAI	STRAITS PRIMARY PRODUCTIVITY IN THE MARINE ENVI	717
REAM BENTHIC COMMUNITIES COMPETITION IN CLADOCERNA SIZE	STRATEGIES IN CLADOCERANS STRUCTURE OF AQUATIC	806
SYNTHESIS IN AFRICAN LAKES PRONORECEPTION IN ARROW WORMS	STRATIFICATION AND TRANSFERENCE IN AFRICAN LAKES	10
HESIS DISTRIBUTION OF PHYTOPLANKTON IN STRATIFIED LAKES	STRATIFICATION OF PHOTOPLANKTON POPULATIONS CHLO	475
EFFECT OF PHOTOSYNTHESIS DISTRIBUTION OF PHYTOPLANKTON IN	STRATIFIED LAKES STRATIFICATION OF PHOTOPLANKTON	28
E SOIL EPIDEMIOLOGY & PHYSIOLOGY OF POTYVIRUS LI-FASES OF	STRAWBERRY & THEIR CONTROL DISEASES OF SMALL FR	446
NE RUNOFF IN PARK WATER SHED FEEDING ECOLOGY OF FISH IN	STREAM	89
- PREY INTERACTIONS TERTIARY EFFLUENT MODIFICATION OF A	STREAM ECOLOGY OF FISHES IN LENTIC AND LOTIC EN	750
PROCESSES COMPETITION THEORY DISTRIBUTIONAL ECOLOGY OF	STREAM HUMAN POPULATION DENSITY VS. ACCFPLATED	437
LAKE BENTHIC MACROFAUNAL PRODUCTION ACID MINE DRAINAGE	STREAM BENTHIC COMMUNITIES COMPETITION IN CLADOC	10
RECH ESTABLISHING WILDLIFE MANAGEMENT DEMONSTRATION AREAS	STREAM BIOLOGICAL EFFECTS OF INDUSTRIAL COMPLEXE	282
P PAPER MILL DISCHARGE UPON AQUATIC LIFE BIOASSAY AND IN	STREAM BREEDING COORDINATION FOREST WILDLIFE MA	626
BOTH BIOLOGICAL AND PHYSICAL EUTROPHICATION PREDICTION	STREAM EFFECTS OF CHEMICAL WASTES EFFECTS OF IN	8
ON FRESHWATER COMMUNITIES AN ECOLOGICAL EVALUATION OF	STREAM ENERGY BUDGETS MATHEMATICAL ANALYSIS OF	342
TOXIC CHEMICALS ENVIRONMENTAL IMPACT OF DEGREE LISCOSAI	STREAM EUTROPHICATION EFFECTS OF EUTROPHICATION	294
NTIC DEVELOPMENT OF COMMERCIAL ANADROMOUS FISH RESOURCES	STREAM HYDROLOGIC STUDIES AND MODELS FOR ARATEM	447
UCTS PHYTOCHEMISTRY ORGANIC COMPOUNDS IN A PENNSYLVANIA	STREAM IMPROVEMENT AND FISHWAY CONSTRUCTION STRI	220
CE PROJECTS UPON FISH AND WILDLIFE POND MANAGEMENT TROUT	STREAM INDOLE ALKALOID BIOSYNTHESIS PIGMENTS OF	417
GENERAL TEXTILE RESEARCH EFFECT OF WOOD SCUMPTING MILL ON	STREAM MANAGEMENT TROUT POND MANAGEMENT REPORT	96
N AVIFAUNA IN SPAIN EFFECT OF URBANIZATION ON WATER	STREAM POLLUTION IDENTIFICATION OF PAPER MILL WA	263
EW OF NEPA STATEMENTS INFORMAL CONSULTATION ICHTHOLOGY -	STREAM QUALITY VEGETATIONAL CHANGES AND EFFECT C	71
TION FISHERY MANAGEMENT IN POND LAKES RESERVOIRS AND	STREAM SYSTEM - WRITING OR EVALUATING NEPA STATE	527
NTHIC FAUNA FISHES LINNOLGY OF TWO DISSIMILAR SUBARCTIC	STREAMS ATLANTIC SHELL CLAM - BIOLOGY AND COMMERC	284
ALITY INVESTIGATIONS IMPACT OF MINING ON LAKE WATER	STREAMS DISTRIBUTION OF LEAD IN LENTIC WATERS CO	518
FRESHWATER FISHERY BIOLOGY BA S YEARCLASS	STREAMS WATER QUALITY OF RIVER BASIN IN N.E. M	242
MICROBIOLOGY OF ENVIRONMENTS P.L. TECHNIQUES FOR PICAL	STRENGTH	513
GY OF MARINE NEMATODES ECOLOGICAL CONSULTANT ON THERMAL	STREPTOCOCCI EUTROPHICATION OF SMALL LAKES AIRRO	436
POLLUTION RESEARCH TURTLES AS INDICATORS OF ENVIRONMENTAL	STRESS ECOLOGY OF MARINE MEGIFAUNA PHYSIOLOGICA	726
ON METABOLIC RESPONSE TO COLD EFFECTS OF ENVIRONMENTAL	STRESS VETERINARY SCIENCE AND ECOLOGY DEGREE CA	754
ITION AND ABUNDANCE OF COASTAL COMMUNITIES; EFFECTS OF	STRESS (TEMPERATURE PRESSURE ETC.) ON THE NORM	238
S OF SALT MARSH VEGETATION PHYSIOLOGY OF TORPGRASS UNDER	STRESS A STRESS SYNDROME IN THE HARD CLAM FATTY	366
ECOPHYSIOLOGY AND PLANT DISTRIBUTION DESERT SHEAR WATER	STRESS CONDITIONS STRESS PHYSIOLOGY OF WOODY ORN	349
ROLOGY ESPECIALLY EVAPOTRANSPIRATION AND SNOWMELT WATER	STRESS GROWTH RESPONSE OF SALT MARSH GRASS PPEC	298
USE RECREATION AND NATURAL RESOURCES REMOTE SENSING OF	STRESS IN HARDWOOD TREES SNOWMELT IN HARDWOOD FO	214
NT WATER RELATIONS; TREE PHYSIOLOGY MEASUREMENT OF WATER	STRESS IN PLANT COMMUNITIES LEAF REFLECTANCE AND	592
R GYPSY MOTH DEFOLIATION AERIAL SENSING FOR EVALUATING	STRESS IN PLANTS SALT AND WATER ABSORPTION EPEC	403
PROTEINS AND RNA EFFECT OF ETHYLENE ON FLOWER PIGMENTS	STRESS IN VEG. LAND USE RECREATION AND NATURA	592
EG FREEWAY NORTHWEST EXPRESSWAY ALIGNMENT ENVIRONMENTAL	STRESS ON PLANTS AIR POLLUTION MONITORING WITH D	155
GETATION PHYSIOLOGY OF TORPGRASS UNDER STRESS CONDITIONS	STRESS ON SUCCESSIONAL SPECIES PROPOSED ALIGNMEN	746
SS IN PLANT COMMUNITIES LEAF REFLECTANCE AND RESPONSE TO	STRESS PHYSIOLOGY OF WOODY ORNAMENTAL PLANTS PH	349
ND ABUNDANCE OF COASTAL COMMUNITIES; EFFECTS OF STRESS A	STRESS REMOTE SENSING OF GYPSY MOTH DEFOLIATION	592
OTH. ENV. ASSESSMENT PLANKTON ECOLOGY AND ENVIRONMENTAL	STRESS SYNDROME IN THE HARD CLAM FATTY ACIDS IN	366
DUCTION GROWTH OF DESERT SHRUBS EFFECT OF ENVIRONMENTAL	STRESS FRESH-WATER AND MARINE OCEAN COUNTY REG.	467
IC ENVIRONMENTS DOMESTIC EFFLUENT IN LAKE WATER SUPPLIES	STRESSER IN PLANT GROWTH AND ECOSYSTEM BEHAVIOR	703
GAME ANIMALS EFFECTS OF HIGHWAYS ON WILDLIFE EFFECTS OF	STRIP MINE RUNOFF IN PARK WATER SHED FEEDING EC	750
N APPALACHTIANS COAL COMMUNITY ABANDONMENT AND DECAY ANTI	STRIP MINES ON WILDLIFE MANAGEMENT OF UPLAND	482
ANGE AND EFFECTS ON WILDLIFE ADULT EDUCATION EFFECTS OF	STRIP MINING LEGISLATION - CONSULTATION COAL MI	810
LATION - CONSULTATION COAL MINING ASSOCIATED POLLUTION	STRIP MINING ON DEER AND GROUSE DEVELOPING SLIDE	606
SONIC TRACKING	STRIP MINING RECLAMATION AND SLOPE STABILIZATION	810
ING C & O CANAL - FISH EVALUATION OF SEX BIODIY METHOD -	STRIPED BASS	791
SH RESOURCES STREAM IMPROVEMENT AND FISHWAY CONSTRUCTION	STRIPED BASS ADULT AND YOUNG FISHES OF CHESAPEA	586
UNG FISHES OF CHESAPEAKE BAY AND TRIBUTARIES ESPECIALLY	STRIPED BASS AND SMELT FISHERY LIPP HISTORY STU	220
S OF BALTIMORE HARBOR WATER BIOCHEMICAL DETERMINATION OF	STRIPED BASS GROSS PICOLOGICAL EFFECT OF OVERBOAR	586
EKTON ZOOPLANKTON OF LOWER CHESAPEAKE BAY ENHANCEMENT OF	STRIPED BASS POP. EFFECTS OF ENLARGEMENT OF C &	498
IC SALMON BREEDING EFFECTS ON WALLIEY SEMEN INTRODUCTION	STRIPED BASS POPULATION POPULATION PARAMETERS E	275
STATIONS GREATEST COMPETENCE IN: AQUATIC ECOLOGY WITH A	STRIPED BASS SAC PERCH AND SMELT MANAGEMENT A	280
D BREAKWATER COLLISION DESIGN OF SEWAGE TREATMENT PLANT	STRONG BACKGROUND IN ICHTHOLOGY AQUATIC ENTOMO	337
N SYSTEMS RECOVERY OF DAMAGED RIVERS PROTOZOAN COMMUNITY	STRUCTURAL ANALYSIS OF VESSELS EFFECTS OF TEMPER	614
OYEE - WISCONSIN SCIENTIFIC AREA COUNCIL SURVEY FOREST	STRUCTURE AQUATIC COMMUNITY RESPONSE TO POLLUTI	103
ATION AND ITS EFFECT ON COBAL REEFES CARIBBEAN COBAL REEF	STRUCTURE & DYNAMICS ROCKY MOUNTAINS COLORADO	543
ENT OF ESTUARINE RESEARCH PROGRAMS EMPHASIZING COMMUNITY	STRUCTURE AND DIVERSITY BIOLOGY OF COBAL REEFES;	567
PICAL PLANT-POLLINATOR SYSTEM SYSTEMATICS OF COMOSTEGIA	STRUCTURE AND DYNAMICS ENVIRONMENTAL IMPACT OF D	174
HARD CO., VIRGINIA POPULATION DYNAMICS OF SMALL MAMMALS	STRUCTURE AND DYNAMICS OF COMMUNITIES RESOURCE	622
INVESTIGATION OF SOIL SCIENCE WITH RESPECT TO ECOSYSTEM	STRUCTURE AND FUNCTION - FORESTS AND SMALL MAMMA	251
ATER ECONOMY OF DESERT MAMMALS SPECIAL EMPHASIS SIDNEY	STRUCTURE AND FUNCTION EFFECTS OF SOIL NUTRIENTS	481
ELIVE AND FUNCTIONAL AVIAN ANATOMY PARTICULARLY FEATHER	STRUCTURE AND FUNCTION RENAL MORPHOLOGY IN DESER	343
P POPULATION DYNAMICS IN FISH SEXUAL BEHAVIOR AND SOCIAL	STRUCTURE BRISTLES OF BIRDS INTEGRMENT OF BIRDS	696
CS THEORY AND MATHEMATICAL ECOLOGY OF FOREST SPECIES AGE	STRUCTURE IN FISH VERTEBRATE BEHAVIOR AND ECOLO	473
INTERRELATIONSHIPS OCEAN AND LAKE DYNAMICS AND THERMAL	STRUCTURE IN UNSTABLE ENVIRONMENTS AGE VARIATION	506
ICAL BIOLOGY RESOURCE PARTITIONING OF TROPICAL EPIPHYTES	STRUCTURE OCEAN'S THERMAL STRUCTURE STUDIES LAND	111
MPETITION IN CLADOCERNA SIZE STRATEGIES IN CLADOCERANS	STRUCTURE OF A TROPICAL PLANT-POLLINATOR SYSTEM	622
TURE AND FUNCTION EFFECTS OF SOIL NUTRIENTS ON ECOSYSTEM	STRUCTURE OF AQUATIC COMMUNITIES; DISTRIBUTIONAL	10
AND LAKE DYNAMICS AND THERMAL STRUCTURE OCEAN'S THERMAL	STRUCTURE SEASONAL FLUCTUATION OF PHYTOPLANKTON	481
INS, COLORADO NATURAL AREA EVALUATION; PLANT COMMUNITY;	STRUCTURE STUDIES LAND USE AND WATER INTERRELATI	111
NG AND WATER QUALITY ON ESTUARINE ONE DEGREE PRODUCTION	STRUCTURE DIVERSITY PLANT POPULATIONS SUCCESS	543
ORNITHOLOGY IN NIAGARA PROVINCE REGIONAL BIRD POPULATION	STRUCTURE FUNCTION AND PRODUCTIVITY OF BENTHIC	300
ALYSTS AND SOLID WASTE MANAGEMENT SOLID WASTE MANAGEMENT	STUDIES; CO-AUTHOR OF BIRDS OF THE NIAGARA FRONT	489
	STUDY-STATE OF MASSACHUSETTS-RAYTHEON SURVEY OF	362

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

DELS FOR ANTARCTIC FRESHWATER LAKES ENVIRONMENTAL IMPACT	STUDY: ALGAL AND BACTERIAL ECOLOGY INVESTIGATION	532
F RESEARCH - PLANT BREEDING AGRICULTURAL PRODUCTIVITY OF	SUBARCTIC ALASKA TASK FORCE ON SPATIAL HETEROGEN	338
EMISTRY BENTHIC FAUNA FISHES LIMNOLOGY OF TWO DISSIMILAR	SUBARCTIC STREAMS DISTRIBUTION OF LEAD IN LENTIC	518
CARRYING OUT EXTENSION PROGRAMS IN WILDLIFE AND RELATED	SUBJECTS DEVELOPING AND	11
IRONMENTAL EFFECTS ON ORGANISMS BIOCHEMICAL SYSTEMATICS	SUBLETHAL EFFECTS OF BALTIMORE HARBOR WATER STOC	498
ULFITE WASTE LIGAOC TO R. TROUT FISH BIOASSAYS ACUTE &	SUBLETHAL EFFECTS OF POLLUTANTS TO FISH ROLE OF	281
NVERTEBRATE COMMUNITY ECOLOGY IN THE DEEP SEA ECOLOGY OF	SURPARINE CANYONS ANIMAL SEDIMENTS RELATIONSHIPS	599
TY INTRUSION TRANSIENT WATER QUALITY IN ESTUARY NETWORKS	SURPRGED DIFFUSERS FOR WASTE HEAT DISPOSAL SALI	302
HERRING MAINE COAST ESTIMATES LARVAL HERRING MORTALITY	SUBMERSIBLE STUDY HERRING EGG BEDS ECOLOGY OF F	273
ETAPLASIA AND NUCLEAR NUCLEIC ACIDS IN MOTH OVARY CELLS	SUBMICROSCOPIC DISTRIBUTION OF NUCLEIC ACIDS IN	12
Y OF ROOT PATHOGENS PATHOLOGY OF WOODY PLANTS IN URBAN	SUBURBAN AND FOREST ECOSYSTEMS URBAN METAL POLL	664
CHLORELLA-DAPHNIA ECOSYSTEM EFFECT OF MIREX ON SECONDARY	SUCCESSION ANIMAL ECOLOGY SPECIES DIVERSITY O	404
REMAINS IN INDIAN MIDDENS AVIAN POPULATIONS IN OLD FIELD	SUCCESSION MAMMALIAN SYSTEMATICS AND ECOLOGY VE	758
LANT COMMUNITY; STRUCTURE DIVERSITY PLANT POPULATIONS	SUCCESSION CONSULTANT & EMPLOYEE - WISCONSIN SCI	543
OSYSTEM DEVELOPMENT BIRD SPECIES DIVERSITY AND SECONDARY	SUCCESSION EFFECT OF DDT ON CHLORELLA-DAPHNIA EC	404
ESTUARINE ZOOPLANKTON	SUCCESSION IN LIMNETIC PHYTOPLANKTON GRAZING BY	39
A. MARINE BOTANY ECOLOGY FOREST VEGETATION MAP	SUCCESSION OF ALGAE IN A TRANSECT BODEGA BAY C	795
SION SMITH ISLAND A RESOURCE CAPABILITY STUDY COMMUNITY	SUCCESSION ON DREDGE ISLAND REPRODUCTION BIOLOGY	534
ECOLOGY SYSTEMS ECOLOGY AND MULTIPLE-USE DECISION MAKING	SUCCESSION ON OLD FIELDS SYSTEMS	312
OLOGY OF HOMICIDE AND SUICIDE ENVIRONMENTAL NEUROBIOLOGY	SUCCESSION SHALLOW COASTAL WATERS CARIBBEAN SOC	770
SPECIAL REFERENCE TO HABITAT ASSOCIATIONS AND COMMUNITY	SUCCESSION SMITH ISLAND A RESOURCE CAPABILITY S	534
ESPECIALLY PESTICIDES EFFECT OF MIREX ON EARLY OLD-FIELD	SUCCESSION VERNAL CAMBIAL ACTIVITY IN FOREST TR	114
NORTHWEST EXPRESSWAY ALIGNMENT ENVIRONMENTAL STRESS ON	SUCCESSIONAL SPECIES PROPOSED ALIGNMENT I-78 PA	746
IMPACT OF DYLOX ON AQUATIC VERTEBRATES MOVEMENTS OF DWARF	SUCKERS HOMING MECHANISMS LARVAL FISH ECOLOGY	772
AMELING SAMPLING INSTRUMENTATION ADMINISTRATION ROLE OF	SUEZ CANAL AS PATHWAY FOR DISPERSAL BETWEEN RED	22
HELLFISH CULTURE OF MARINE ORGANISMS MARINE WETLANDS OF	SUPPOLK AND NASSAU COUNTIES AQUACULTURE FOR LONG	721
EW YORK HARBOR BIOTA OF MANHASSET BAY GROUND RECHARGE IN	SUPPOLK COUNTY ESTUARINE ECOLOGY AND POLLUTION	240
IN THE AQUATIC ENVIRONMENT EFFLUENT GUIDELINES FOR BEET	SUGAR INDUSTRY BIOCHEMICAL GENETICS OF HETEROSI	735
WATERS CARIBBEAN SOCIAL BIOLOGY ECOLOGY OF HOMICIDE AND	SUICIDE ENVIRONMENTAL NEUROBIOLOGY SUCCESSION SH	770
SOIL RESOURCES APPLICATIONS OF REMOTE SENSING DATA SCIL	SUITABILITY FOR SEPTIC TANKS LAND USE REMOTE S	546
OF 46 DYES ON FISH AND ALGAL COMPARISON OF ALBM AND IRON	SULFATES FOR P REMOVAL ENHANCEMENT OF NITRIFICAT	439
SPHERE (GEOMICROBIOLOGY) MICROBIAL LEACHING OF LCW-GRAE	SULFIDE ORES THE MICROBIOLOGY & MANGANESE NODULE	203
E OF NUTRIENTS IN DIATOM POPULATION DYNAMICS TOXICITY OF	SULFITE WASTE LIGAOC TO R. TROUT FISH BIOASSAYS	281
TAL ATMOSPHERIC PROCESSES CHEMICAL OCEANOGRAPHY CARBON	SULFUR BUDGETS DISSOLVED GASES TRACE METALS PLAN	3
R POLLUTANTS DEVELOP PHOSPHORUS IN WATER MONITOR DEVELOP	SULFUR IN AIR MONITOR DEVELOP OIL IN WATER MONIT	565
ENERAL ECOLOGY WITH ACCENT IN ORNITHOLOGY APPRAISAL OF A	SUMMER CAMP LAKE ERIE NEAR BUFFALO NY PARK LAN	400
DISTRIBUTION OF LEAD IN LENTIC WATERS CONTINGENCY PLAN FOR	SUMMIT & PAXSON LAKES LIMNOLOGY WATER POLLUTION	518
ON REPRODUCTIVE SUCCESS REPRODUCTIVE SUCCESS OF BLUEGILL	SUNFISH INTRA- AND INTER SPECIFIC BEHAVIORAL EF	308
ACTIVITY FOR RECREATION PURPOSES DUR 24 TRAPPING BLUEGILL	SUNFISH IN FARM PONDS LAKE TROUT CHROMOSOME MORF	777
ANALYSIS DECIDUOUS FOREST BIOME NATURAL SYSTEMS DREDGING	SUNNY POINT MARINE ORDINANCE TERMINAL BRIDGE-TON	198
E SEWAGE INTERACTIONS ON PRIM PRCD TACONITE DUMPING LAKE	SUPERIOR ECOLOGICAL WATER QUALITY ANALYSES RIVER	387
ENVIRONMENTAL IMPACTS IN AQUATIC ECOSYSTEMS IMPACT OF OIL	SUPERTANKERS ON MACHIAS BAY MAINE OFFSHORE OIL A	497
C AND LOTIC ENVIRONMENTS DOMESTIC EFFLUENT IN LAKE WATER	SUPPLIES STRIP MINE RUNNOFF IN PARK WATER SHED P	750
ENCE OF FORESTS ON ENVIRONMENT MICROCLIMATE AND WATER	SUPPLY CHEMICAL TEMPERATURE INTEGRATION MICROCLI	421
F NATURAL WATERS & POLLUTANTS WATER QUALITY PROTECTION &	SUPPLY PROGRAM PORT ROYAL ESTOARINE STUDY LAKE S	393
LAKE SEBASTICOOK EUTROPHICATION WATER QUALITY AND WATER	SUPPLY PROTECTION CHARACTER OF NATURAL WATERS &	393
AGEMENT IN PONDS LAKES RESERVOIRS AND STREAMS ATLANTIC	SURF CLAM - BIOLOGY AND COMMERCIAL CATCH PACIFIC	284
RLD HERITAGE TRUST LIVING RESOURCE MANGEMENT EFFECTS OF	SURFACE MINING ON U.S. FISH & WILDLIFE ACID MINE	677
SUFFOLK COUNTY ESTUARINE ECOLOGY AND POLLUTION CONTECL	SURFACE WATER MOVEMENTS IN NEW YORK HARBOR BIOTA	240
EGRATION MICROCLIMATE MODIFICATIONS IN REFORESTATIONS OF	SURFACE-MINED LANDS HYDROLOGICAL IMPORTANCE OF T	421
SURVEY RARE ENDANGERED FISHES S.F. O.S. PREIMPONDMENT	SURV. BUMP STORAGE PROJECT ICHTHYOLOGY:SYSTEMAT	369
R VECTORS - MICROBULOPOLLUTION OF WATER WATER POLLUTICN	SURVEILLANCE - BEACH RES. FOR ANTIMOEBIC AGENT	485
HYTOPLANKTON AND ANGIOSPERM PHYSIOLOGICAL ECOLOGY AFRIAL	SURVEILLANCE SPILL PREVENTION APPL. OF PRTS-1 TO	458
F MARINE AND FRESH WATER PHYTOPLANKTON AND THEIR ECOLOGY	SURVEY-MARINE PHYTOPLANKTON OF BERMUDA NUTRITION	196
LANTS OF MARYLAND MARSH-TIDAL VASCULAR PLANTS ECOLOGICAL	SURVEY-POWER PLANT SITES ECOLOGY AND TAXONOMY O	83
NT IBP CONIFEROUS FOREST BIOME	SURVEYING AND IDENTIFYING FUNGI RESEARCH ASSISTA	641
S WILDLIFE INDICATORS OF ENVIRONMENT TRENDS NATURAL AREA	SURVEYS ECOLOGY OF HEAVY METALS PLANT AND ANIMA	368
SITING AND OPERATION OF NUCLEAR POWER PLANTS ECOLOGICAL	SURVEYS OF POWER PLANT SITES ENVIRONMENTAL ENGIN	693
ES OF WATER MILFOIL DENSITY-GRADIENT CENTRIFODGATION OF	SUSPENDED AND COLLOIDAL PARTICLES IN WATER BIOPH	409
CONCENTRATION AND SCALLOP GROWTH AQUACULTURE OF MARINE	SUSPENSION-FEEDERS WATER CURRENT AND SCALLOP GRO	396
ATEMENTS ENVIRONMENTAL IMPACT STATEMENT WYOMING VALLEY	SUSQUEHANNA RIVER PA EIS MAINTENANCE DREDGING ST	48
A PHYTOPLANKTON OF DELAWARE RIVER BASIN PHYTOPLANKTON OF	SUSQUEHANNA RIVER POPULATIONS ECOLOGY SYSTEMATI	627
S PHYTOPLANKTON FISHERIES ANADROMOUS CLUPEID FISHERIES-	SUSQUEHANNA RIVER EUTROPHICATION OF RUSH RIVER G	222
POPULATION FISH POPULATIONS IN SWAMP-STREAM ECOSYSTEMS	SWAMP AND MARSH ECOSYSTEMS GREATEST COMPETENCE I	713
INA BARRIER ISLANDS SECONDARY PRODUCTIVITY OF A MANGROVE	SWAMP COMPARISON OF ESTUARINE MARSHES SECONDARY	521
AND MARSH ECOSYSTEMS GREATEST COMPETENCE IN CYPRESS-GUM	SWAMP EFFECTS OF CHANNELIZATION ON FISH POPULATI	713
ER STRESS GROWTH RESPONSE OF SALT MARSH GRASS EFFECTS OF	SWAMP FILLING AT CONSTRUCTION SITE PLANT POPULA	298
N PLANTS SALT AND WATER ABSORPTION EFFECT OF FLOODING ON	SWAMP FOREST PLANT WATER RELATIONS; TREE PHYSIO	403
RIOUS COVER TYPES TO FISH POPULATION FISH POPULATIONS IN	SWAMP-STREAM ECOSYSTEMS SWAMP AND MARSH ECOSYST	713
GENETICS OF PEST RESISTANCE IN PLANTS PEST RESISTANCE IN	SWEET CGRN RESISTANCE OF CORN TO H. MAYDIS PHYSI	272
ASSESSMNT OF LIQUID NATURAL GAS ECOLOGICAL ASSESSMENT OF	SWG PLANT ECOSYSTEMS AS THEY ARE EFFECTED BY PO	511
ATION ON PELAGIC SARGASSUM SEXUAL DIMORPHISM IN TOADFIN	SWHBLADDERS BRAIN STIMULATION IN TOADFISH SARG	218
IOCHEMISTRY DRUG METABOLISM RESIDUES OF VIRGINIAMYDIN IN	SWINE RESIDUES OF A METHANE INHIBITOR IN CATTLE	185
EFFECT OF ORGANIC ENRICHMENT ON BENTHICFAUNA OCCURRENCE OF	SYMBIOTIADIUS EQUITANS IN CONNECTICUT EFFECTS O	394
EUTROPHICATION OF ONEIDA LAKE NEW YORK ALGAL - BACTERIA	SYMBIOSIS NORTH AMERICAN ALGAL TAXONOMY LIMNOLO	278
LI BEE MANAGEMENT ECOLOGY - INSECT AND ANIMAL BEHAVIOR	SYMBIOSIS INSECT MANAGEMENT BIOLOGICAL CONTROL	43
OR COMPARATIVE STUDIES OF CANYON AND ROCK WREN'S BEHAVIOR	SYMPARTRIC ARIZONA GRASSLAND SPARROWS AVIAN ECO	730
Y OF SYMPATRIC SPECIES AMPHIBIANS COMPARATIVE ECOLOGY OF	SYMPATRIC CRICKET FROGS NEW TURTLE FOR WEST VIRG	47
INIA COMPARATIVE HERPETOLOGY OF 2 FARM PONDS ECOLOGY OF	SYMPATRIC SPECIES AMPHIBIANS COMPARATIVE ECOLOGY	47
BECKERS, SAME FOR GROUND SQUIRRELS ASPEN GREENBELT STUDY	SYMPATRY OF RED HEADED & LEWIS WOODPECKERS WINT	291
LIFE CADMIUM POISONING IN MARINE ORGANISMS TOXICOLOGY OF	SYNSETS AND MTA TO MARINE LIFE CRUDE OIL TOXICIT	205
PHYSIOLOGICAL EFFECTS OF METALS CRUDE OIL INSECTICIDES	SYNSETS TO MARINE LIPP CADMIUM POISONING IN MARI	205
DANCE OF COASTAL COMMUNITIES; EFFECTS OF TRESS A STRESS	SYNTHOME IN THE HARD CLAM PATTY ACIDS IN MARINE	366
MACROBENTHIC ASSOCIATIONS IN RIFLE WATER; MACROBENTHIC	SYNERGISMS OF RIFLE COMMUNITIES DIATOM FLOCTUA	116
LLUTANTS ELECTRON MICROSCOPY OF VIRUSES INHIBITOR OF DNA	SYNTHESIS MAMMALIA: CELL CULTURE CELL CULTURE A	219

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PROJECTS

CTOR FOR OIL SPILLS DEVELOPMENT OF FILTERS FOR AEROSOLS	SYNTHESIS AND APPLICATIONS OF POLYMERS FOR WATER	60
ATIN TUMOR PROMOTION OF ANTHRACIN IN MOUSE SKIN ORBIC	SYNTHESIS AND BIOCHEMISTRY APPLIED TO CANCER RES	612
PROLIFERATION IN MAMMALIAN CELLS CAMP AND SECRETION IN	SYNTHESIS IN PAROTID AUTORADIOGRAPHY TECHNIQUES	451
MARINE SEDIMENTARY MICROBIOLOGY AND BIOCHEMISTRY PR	SYNTHESIS INHIBITION BY POLLUTANTS ORGANIC NITRO	435
AND APPLICATIONS OF POLYMERS FOR WATER POLLUTION CONTROL	SYNTHESIS OF FLOCCULANTS AND POLYELECTROLYTES DE	60
OCEAN METABOLISM OF A HERBICIDE IN SOYBEANS ANALYSIS OF	SYNTHETIC ORGANIC COMPOUNDS IN THE MARINE ENVIRO	309
	SYSTEMATIC AND EVOLUTIONARY BIOLOGY	152
TLER, CHELYDRA SP	SYSTEMATIC HERPETOLOGY VARIATION IN SNAPPING TUR	217
RE PROJECT SYSTEMATICS AND ZOOGEOG. OF A. CYANEUS GROUPE	SYSTEMATIC ICHTHYOLOGY MEDITERRANEAN BIOLOGICAL	267
S OF RIVERS NEAR PHILADELPHIA SYSTEMATICS OF CYPERACEAE	SYSTEMATIC LEAF ANATOMY OF BULPUSHEES SCANNING EL	628
MONOCOTYLEDONS COMPARATIVE ANATOMY OF THE MELANTHIOIDEAE	SYSTEMATIC STUDIES OF DESMODIUM PRIMARY PRODUCTI	13
ANATOMY OF PLANTS AS RELATED TO PHYLOGENY AND	SYSTEMATICS	695
NS POPULATION STUDY OF THE PSEUDOSCORPION PSEUDOSCORPION	SYSTEMATICS SYSTEMATICS AND ECOLOGY OF PSEUDOSC	508
CLOUDLAND DEER MOUSE PEROMYSCUS MANICULATUS HUBITERRAE:	SYSTEMATICS AND DISTRIBUTION ECOLOGY AND SYSTEM	398
RSTITY IN SPARTINA FAUNAL SURVEY OF POTENTIAL PILL SITES	SYSTEMATICS AND ECOLOGY OF DECAPOD CRUSTACEANS D	59
D-LIKE BASIN DEEP-WATER CYCLOPOID COPEPODA GULF, ALASKA	SYSTEMATICS AND ECOLOGY OF FREE-LIVING MARINE CO	170
OSTS BACTERIOLOGICAL TESTING OF CENTRIFUGED APPLE JUICE	SYSTEMATICS AND ECOLOGY OF FRESHWATER FISH PARAS	325
STUDY OF THE PSEUDOSCORPION PSEUDOSCORPION SYSTEMATICS	SYSTEMATICS AND ECOLOGY OF PSEUDOSCORPIONS POPUL	508
	SYSTEMATICS AND ECOLOGY SEA SNAKE ECOLOGY	703
ENS AVIAN POPULATIONS IN OLD FIELD SUCCESSION MAMMALIAN	SYSTEMATICS AND ECOLOGY VERTEBRATES OF MASSACHUS	758
ITERRANEAN BIOLOGICAL STUDIES PROGRAM OCEAN ACRF PROJECT	SYSTEMATICS AND ZOOGEOG. OF A. CYANEUS GROUP SY	267
TUDY WITH STATISTIC ANALYSIS OF CERNUS PLANT MORPHOLOGY	SYSTEMATICS EMBRYOLOGICAL STUDY OF POPULATION OF	667
	SYSTEMATICS ENVIRONMENTAL PHYSIOLOGY	88
COMPARATIVE BIOCHEM. MOLECUAR	SYSTEMATICS MAKING WATER BORNE DISEASES	173
MALACOLOGY ANATOMY IMMUNOLOGY	SYSTEMATICS OF COASTAL AND INSULAR TERRESTRIAL V	418
BTH CAROLINA THE ISOLATED FORMS OF RACCOONS ECOLOGY AND	SYSTEMATICS OF CONOSTEGIO STRUCTURE AND DYNAMIC	622
PIPHYTES STRUCTURE OF A TROPICAL ELANT-POLLINATOR SYSTEM	SYSTEMATICS OF CYPERACEAE SYSTEMATIC LEAF ANATOM	628
OF ACHEMES ESTUARINE PLANTS OF RIVERS NEAR PHILADELPHIA	SYSTEMATICS OF DEEP SEA CORALS PROGRAM MANAGEMEN	682
T AND DEVELOPMENT - NYS SEA GRANT ECOLOGY AND	SYSTEMATICS OF FISHES BIOLOGICAL SURVEY OF SALEM	62
SITE LOCATION FOR HAMPTON ROADS SPILL BANK ECOLOGY AND	SYSTEMATICS OF FISHES FISH STOCKS OF THE EVERFLA	191
ON & COMPARATIVE BIOLOGY OF TELEFISHES MARINE ECOLOGY &	SYSTEMATICS OF FLOWERING PLANTS - WILD AND CUTLI	42
VATED TAXONOMIC STUDIES OF CULTIVATED PLANTS	SYSTEMATICS OF FRESH WATER ALGAE FRESH WATER ALG	627
PHYTOPLANKTON OF SUSQUEHANNA RIVER POPULATIONS ECOLOGY	SYSTEMATICS OF FRESHWATER MUSSELS (MOLLUSCA: BIV	244
ICATION OF FRESH-WATER MOLLUSKS ECOLOGY TAXONOMY AND	SYSTEMATICS OF SMALL MAMMALS IN EASTERN NORTH A	398
OS NORTHERN: SYSTEMATICS AND DISTRIBUTION ECOLOGY AND	SYSTEMATICS OF SOHAMATE REPTILES HERPETOFAUNA OF	468
TL MONUMENT REPRODUCTIVE BIOLOGY GENERAL ECOLOGY AND	SYSTEMATICS OF TINAMOUS SYSTEMATICS DISTRIBUTI	32
WILDLIFE IMPORTED IN US SYSTEMATICS OF ENDANGERED SPECIES	SYSTEMATICS SUBLETHAL EFFECTS OF BALTIMORE HARBO	498
LYSIS OF ENVIRONMENTAL EFFECTS ON ORGANISMS BIOCHEMICAL	SYSTEMATICS COMPARATIVE ENDOCRINOLOGY REPRODUCT	624
PPER KERN RIVER BASIN CALIFORNIA FISH PHYSIOLOGY AND	SYSTEMATICS DISTRIBUTION AND LIFE HISTORY OF V	32
SYSTEMATICS OF ENDANGERED SPECIES SYSTEMATICS OF TINAMOUS	SYSTEMATICS POLLUTION MONITORING	679
ALGAL ECOLOGY DIATOM AND BLUE-GREEN ALGAE ECOLOGY AND	SYSTEMATICS-ECOLOGY PROGRAM MARINE BIOLOGICAL I	112
OT YANKEE ATOMIC POWER PLANT BIOLOGICAL STUDY DIRECTOR	SYSTEMATIZE STUDY FACTS TO ASSESS ENVIRONMENTAL	169
OF THREE LAKE PROJECTS IN W. VIRGINIA SEARCH ANALYZE	SYSTEMS-PLANT ROOT INTERACTIONS SOIL ORGANIC MA	288
TER, MYCORRHIZAE	SYSTEMATICS OF ENDANGERED SPECIES SYSTEMATICS OF	32
BIRDS AND MAMMALS COMPILATION OF WILDLIFE IMPORTED IN US	SELECTIVE INHIBITION OF SPORULATION MEASURES	442
NGICIDAL ACTION" BIOLOGY OF HELMINTHOSPORIUM MAYDIS FACE	TACONITE DUMPING LAKE SUPERIOR ECOLOGICAL WATER	387
R THERMAL-ACID DRAINAGE SEWAGE INTERACTIONS ON PRIN PRCD	TAGGING STUDIES AND POPULATION DYNAMICS; RESEAR	195
MAP FIELD OFFICE MENHADEN TAGGING STUDIES SMELT STUDIES	TAGGING STUDIES SMELT STUDIES TAGGING STUDIES A	195
CS; RESEARCH ADMINISTRATION MARIAN FIELD OFFICE MENHADEN	TAILED DEER INVESTIGATION OF WINTER DEER YARDS E	485
WILDLIFE PHYSIOLOGY EVALUATION OF NATURAL FOODS OF WHIEP	TAINAWA CHESYOSTEMATIC STUDIES OF AMERICAN OAKS	470
ALKALOID-BEARING PLANTS & THEIR ALKALOIDS FLORA OF	IN TAMPA BAY IN FLORIDA INVESTIGATION OF FISH HARI	28
FISH IN BACK BAY REFUGE IN VIRGINIA THERMAL POLLUTION IN	TANKS LAND USE REMOTE SENSING SOIL-WATER RELA	546
TIONS OF REMOTE SENSING DATA SOIL SUITABILITY FOR SPECI	TANNEEY WASTE TREATMENT	603
WATER POLLUTION CONTROL WASTE TREATMENT USING BIO-DISC	TARIFF SYSTEM OF TREE-VOLUME ESTIMATIONS GIRARD E	782
DLTURE FOREST MENSURATION TECHNICAL REPORT WRITING THE	TAREDN PESTICIDE RESEARCH PROJECT SPORT FISHERY	740
E SCIENCE AND ITS ADMINISTRATION ECOLOGY OF FLORIDA KEYS	TASK FORCE ON SPATIAL HETEROGENEITY IN AGRICULTU	338
T BREEDING AGRICULTURAL PRODUCTIVITY OF SUBARCTIC ALASKA	TAXONOMIC AND MORPHOLOGICAL KNOWLEDGE OF MARINE	513
VEY OF MOREHEAD CITY, FORT MACON JETTY, NORTH CAROLINA	TAXONOMIC STUDIES OF CULTIVATED PLANTS	62
SYSTEMATICS OF FLOWERING PLANTS - WILD AND CULTIVATED	TAXONOMY LIMNOLOGY EUTROPHICATION OF ONEIDA LAKE	278
NEW YORK ALGAL - BACTERIA SYMBIOSIS NORTH AMERICAN	TAXONOMY & ECOLOGY	666
	TAXONOMY & PHY-IOLOGY OF UNDERGROUND WATER PROTO	258
BRYOLOGY LICHENOLOGY MOSS CYTOLOGY SPERMATOPHYTES	TAXONOMY AND ECOLOGY AND ITS ROLE IN MINERAL CYC	320
TER PROTOZOA TEMPERATURE RELAXED OCCURRENCE OF PROTIDA	TAXONOMY AND MORPHOLOGY OF BEYZOZA COLONY GROWTH	34
ALEOLIMNOLOGY OF LAKE KIVU-CENTRAL APFICA PHYTOPLANKTON	TAXONOMY AND PLANT ECOLOGY PAST AND PRESENT FLOB	650
OF NEW ENGLAND BRYOZOA OF PANAMA CANAL REGION ECOLOGY	TAXONOMY AQUATIC FUNGI MODELING OF ANTARCTIC ECO	536
ER, MD WETLAND ECOLOGY ESPECIALLY IN EXPERIENCE TO PLANT	TAXONOMY DETERMINE SPEED OF GERMINATION IN SEEDS	415
S PARASITIC AND SARROPHYTIC ANTARCTIC FUNGI ECOLOGY AND	TAXONOMY FLORA NORTH AMERICAN PROGRAM	642
ICAL ECOLOGY OF AQUILEGIA TERRESTRIAL PLANT ECOLOGY AND	TAXONOMY OF MARINE BENTHIC ALGAE ECOLOGY OF INTE	740
	TAXONOMY OF MARINE YEASTS SEWAGE EFFECT ON PSTUA	91
INFORMATION RETRIEVAL APPLIED TO FLORISTICS AND	TAXONOMY OF MARINE ZOOPLANKTON ZOOPLANKTON OF LO	275
RTIDAL MARINE ALGAE ECOLOGY AND	TAXONOMY OF OESTODINAE (COLEOPTERA: ELATERIDAE) &	221
N THE CONNECTICUT RIVER MARINE MICROBIOLOGY ECOLOGY AND	TAXONOMY OF RAINFOREST COPTERS GEOGRAPHY OF VE	178
RIPED BASS POPULATION POPULATION PARAMETERS ECOLOGY AND	TAXONOMY OF SCIAENIDAE PARKER RIVER ALEWIFE MODE	137
BEEBLE IDENTIFICATION	TAXONOMY OF TOLOSTOMA BRUMALE SNOWCOVER ECOLOGY	727
FLORA PATTERNS OF VEGETATION VEGETATION OF LATIN AMER	TAXONOMY OF TWO-WINGED FLIES (DIPTERA) AND MORPH	697
AINE FISHERIES; POPULATION DYNAMICS; EARLY LIFE HISTORY;	TAXONOMY OF VASCULAR PLANTS OF MARYLAND WOODY PL	83
GY OF HARSH ENVIRONMENT PLANTS ARCTIC-ALPINE AND COASTAL	TAXONOMY SABBATICAL - UNIV. MYCOTR TOXOPLASMOSES	633
LOGY OF SAME DIPTERA OF EGYPT	TAXONOMY WATER QUALITY AND SEDIMENT ANALYSIS MIC	113
PLANTS ECOLOGICAL SURVEY-POWER PLANT SITES ECOLOGY AND	TAXONOMY AND SYSTEMATICS OF FRESHWATER MUSSELS	244
ACAPOLOGY SOIL MITES (ORIBATEI) LIFE HISTORY STUDIES	TAXONOMY GENERAL ECOLOGY PHYTOLOGY	589
OTIC STUDY PHYTOBAC MARINE MICROBIOLOGY - PHYTOPLANKTON	TAXONOMY ZOOGEOGRAPHY BIOSURVEY OF THE SAN FRAN	345
OLLUSKS IDENTIFICATION OF FRESH-WATER MOLLUSKS ECOLOGY	TAXONOMY; NE U.S. LOCAL FLORA; COMM. TIDAL MARSH	420
	TEACHERS AND PARAPROFESSIONALS NUCLEIC ACID DIST	12
ELECTRIC STUDIES IN GILA VALLEY, N.M. AVIAN EVOLUTION	TEACHING ENVIRONMENTAL MANAGEMENT DEVELOPING ENV	67
ON PROGRAM CONSULTANT BIOLOGISTS NEOTROPICAL ANATOMY	TEACHING ENVIRONMENTAL SCIENCES AND ECOLOGY OF I	199
AL EMBRYOLOGY OF VERTEBRATES COLLEGE LABOR CONTRACT FOR		
GAMF IN SOUTH DAKOTA ANIMAL ECOLOGY AND MANAGEMENT AND		
NVERTEBRATES		

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE SPECIES

TIONSHIPS WITH ENVIRONMENT USING SCHOOL ENVIRONMENTS FOR Y RESEARCH (GENL) GRADUATE RESEARCH ASSISTANT BIOLOGICAL VEGETATION SCIENCE AND VEGETATION MANAGEMENT CENTER	TEACHING EXPERIENCES BURNING TO PROMOTE PRAIRIE	121
NATION - POLLUTION CONTROL ENVIRONMENTAL EDUCATION BOIR	TECHNICIAN RESEARCH SPECIALIST RESEARCH OF ZOO	663
PASSAGE AND PROTECTIVE FACILITIES ENGINEERING ADVISOR TO Y AND OCEANOGRAPHY DIGITAL COMPUTER SYSTEMS ANALYSIS OF OD FOREST ECOLOGY AND SILVICULTURE FOREST MENSURATION TISSUES DEVELOPMENT OF TRAINING PROGRAM - ENVIRONMENTAL BIOLOGICAL PROCESS	TECHNICAL ADVISOR DIRECTOR	102
OLOGY PROBLEMS WATER MANAGEMENT ALTERNATIVES SOLID WASTE	TECHNICAL AND GENERAL ALL AGE LEVELS MULTI-MED	525
ENVIRONMENTAL PROBLEMS MARKETING OF BIOCHEMICAL ENVIRONMENTAL	TECHNICAL AND POLICY COMMITTEE FOR FISHERIES MAN	587
MINE DRAINAGE BY NEUTRALIZATION DEVELOPMENT OF WOOD PLASTIC ANALYSIS STUDY AND SOLUTION OF COMPLEX ENVIRONMENTAL	TECHNICAL INFORMATION AND STATISTICS DEMOGRAPHIC	425
AL TECHNOLOGY BIOCHEMICAL-MICROBIOLOGICAL ENVIRONMENTAL	TECHNICAL REPORT WRITING THE TARIFF SYSTEM OF THE	782
RIVER MODELING PROJECT APPLICATION OF SYSTEMS ANALYSIS	TECHNOLOGISTS THE STUDY OF NATURAL PRODUCTS OF	431
ED BY SOCIAL FACTORS EVALUATION OF PROGRAMS FOR PREGNANT	TECHNOLOGY	722
EW 104 STATEMENT ON HIGHWAY I-88, NEW YORK VARIOUS RADIO	TECHNOLOGY ANALYSIS STUDY AND SOLUTION OF COM	329
IS MACROCHIRUS CONTROLLED SPAWNING OF FRESH WATER/MAFINE	TECHNOLOGY BIOCHEMICAL-MICROBIOLOGICAL ENVIRONM	731
ONA EFFECTS OF ZINC CHROMIUM AND NICKEL ON AN EPITHALINE	TECHNOLOGY INVESTIGATION OF POLYSD NEUTRON TECHN	64
ELECTRON MICROSCOPIC ANALYSIS OF INSECTICIDES EFFECTS ON	TECHNOLOGY PROBLEMS WATER MANAGEMENT ALTERNATIVE	329
BIRD NAVIGATION PLenaryARY SCIENCE STUDY NATURAL SCIENCE	TECHNOLOGY RELATIVE TO INDUSTRIAL PROBLEMS CUL	731
S ASSESSMENT AND EVALUATION WATER QUALITY CRITERIA 1970	TECHNOLOGY TO ENVIRONMENTAL AND NATURAL SYSTEMS	50
F BIRDS COMMUNITY ECOLOGY OF TERRESTRIAL VERTEBRATES IN	TEENAGERS STUDY OF EFFECTS OF ILLUSAL ABORTION-I	352
ICITY HEAVY METALS FISH ACUTE TOXICITY HEAVY METALS FISH	TELEMETRY STUDY OF THE SAW-WHET OWL ECOLOGY OF T	227
AMYL NITRITE EFFECTS OF OXYLAMINE ON SKIN CIRCULATION -	TELEOST BEHAVIOR ECOLOGY AND FOOD RELATIONSHIPS	17-
ECOLOGICAL STUDY FISHERY SCIENCE EFFECT OF	TEMPERATURE AND DIET ON GROWTH SCHOHARIE VALLEY	182
EMENT PLANT STRUCTURAL ANALYSIS OF VESSELS EFFECTS OF	TEMPERATURE AND TOXICITY ON P. ROSEOLA HAZARD AS	116
OSYSTEM SALINITY EFFECTS ON USE OF HYDROCARBONS ELEVATED	TEMPERATURE EFFECT ON PETROLEUM WASTE TREATMENT	549
LING, DELAWARE ESTUARY FLUCTUATING	TEMPERATURE EFFECTS ON ECOSYSTEMS ECOSYSTEM MODE	391
IN A PLOWNDER FISHERY RHODE ISLAND FLOATING TRAP FISHERY	TEMPERATURE EFFECTS ON YIELDS OF LONGSPIN. POPUL	651
CK TO COLD VERTEBRATE ADAPTATIONS TO	TEMPERATURE EXTREMES ACCLIMATIZATION OF HS SPARR	40-
ON ENVIRONMENT MICROCLIMATE AND WATER SUPPLY CHEMICAL	TEMPERATURE INTEGRATION MICROCLIMATE'S MODIFICATIO	421
NORMAL AND DISEASED ANIMAL EFFECT OF HIGH ENVIRONMENTAL	TEMPERATURE ON DIALECTICS TERATOLOGICAL EFFECTS	239
VAE PHYSIOLOGY AND BEHAVIOR OF FISHES EFFECTS OF	TEMPERATURE ON LABORATORY REARED MARINE FISH LAR	692
AND ECOLOGICAL ASPECTS OF THERMAL AND CHEMICAL POLLUTION	TEMPERATURE PREFERENCES AND AVOIDANCES OF FISHES	476
F DEFECT ANTPOLES ENERGETICS OF ICOMCONY METABOLISM &	TEMPERATURE REGULATION PHYSIOLOGICAL SCIOLOGY WA	716
W STUDIES IN MAMMOTH CAVE KY UNDERGROUND WATER PROTOZOA	TEMPERATURE RELAXED OCCURENCE OF PROTOZOA TAXO	256
ND ECOLOGY DISTRIBUTION AGE AND ECOLOGY OF SPOTTED HAKE	TEMPERATURE SELECTION OF FISH FROM LAKE ERIE EFF	35-
ORGANISMS HEAT EFFECTS IN A MARINE SNAIL EFFECTS OF HIGH	TEMPERATURES ON L. LITTOPEA DRIFT BOTTLE STUDIES	299
OLANKTON THE EFFECT OF MALTHION ON CRAYFISH RESPIRATION	TEMPORAL & SPATIAL VARIATION OF ZOO. IN THE HOOE	594
LEVELS OF A MARSH THE FACTORS CONTROLLING THE SPATIAL AND	TEMPORAL DISTRIBUTION OF ZOOPLANKTON THE EFFECT	594
RONMENTALLY INDUCED AND INHERITED SELECTED RESPONSE TO A	TERATOGEN IN ICE MECHANISM OF TRYPAAN BLUE TERAT	49-
RESPONSE TO A TERATOGEN IN MICE MECHANISM OF TRYPAAN BLUE	TERATOGENESIS ANIMAL MODEL SYSTEM FOR 2 4 5 T TE	49-
ETICS; CYTOGENETICAL EFFECTS OF HERBICIDES AND CHEMICALS	TERATOGENIC EFFECTS OF 2 4 5-T IN GERBIL CYTOGEN	450
L EFFECT OF HIGH ENVIRONMENTAL TEMPERATURE ON DIALECTICS	TERATOLOGICAL EFFECTS OF SALICYLATES DIETARY EFF	236
RYPAN BLUE TERATOGENESIS ANIMAL MODEL SYSTEM FOR 2 4 5 T	TERATOLOGY TESTING EFFECTS OF DEVELOPMENT - BVV	49-
HE NATURAL SYSTEMS DREPGING SONNY POINT MARINE ORDINANCE	TERMINAL BRIDGE-TUNNEL CROSSING HAMPTON ROADS BR	199
ODIES ON COMMUNICATION IN TERMITES TERMITES - AUSTRALIA	TERMITE BIOLOGY AND BEHAVIOR (PHEROMONES) ETOLOG	705
OGICAL CONTROL EXP. STUDIES ON COMMUNICATION IN TERMITES	TERMITES - AUSTRALIA TERMITE BIOLOGY AND BEHAVI	705
NE) BIOLOGICAL CONTROL EXP. STUDIES ON COMMUNICATION IN	TERMITES TERMITES - AUSTRALIA TERMITE BIOLOGY A	705
OF NEW ENGLAND HERRING GULLS MANAGEMENT OF MASSACHUSETTS	TERNS PANEL ON HAZARDOUS TRACE SUBSTANCES INTER	194
LD REGIONS U.S. TUNDRA RICHE IFR COLD REGION ECOLOGY AND	TERRAIN OIL SPILL AND CLEAN UP ARCTIC SOILS RE	92-
UNTING AND FISHING EXPENDITURE ANALYSIS ENVIRON IMPACT -	TERRESTRIAL ECOL - WASTEWATER DISP. RESOURCE ECO	231
L AND WETLAND ECOLOGY WITH SPECIAL INTEREST IN WATERFOWL	TERRESTRIAL & WETLAND EVALUATION FOR TRANSMISSIO	575
U.S. FOR HIGHWAY WILDLIFE BASELINE DATA FOR POWER PLANT	TERRESTRIAL AND WETLAND ECOLOGY WITH SPECIAL INT	575
SS ENVIRONMENTAL IMPACT ON LAND - WILDLIFE RESOURCES THE	TERRESTRIAL FAUNA OF THREE LAKE PROJECTS IN W. V.	169
S IN ARCTIC AND COLD CONDITIONS NUCLEAR POWER PLANT SITE	TERRESTRIAL IMPACT SURVEY REVIEW OF TEANASKALKA	327
PLANTS IN GENEEOLOGY PHYSIOLOGICAL ECOLOGY OF AQUILARIA	TERRESTRIAL PLANT ECOLOGY AND TAXONOMY DETERMINE	415
E BLUFF, AR INVENTORY AND EVALUATE POTENTIAL SOURCES OF	TERRESTRIAL POLLUTION ENVIRON MONITORING PROGRAM	552
Y SQUIRREL COMPETITION AND ECOLOGY ECOLOGICAL SURVEY OF	TERRESTRIAL VERTEBRATE POPULATIONS LIZARD ECOLOG	215
RACCOONS ECOLOGY AND SYSTEMATICS OF COASTAL AND INSULAR	TERRESTRIAL VERTEBRATES BIOGEOGRAPHY OF THE CAPE	419
EST RADIATION SENSITIVITY OF BIRDS COMMUNITY ECOLOGY OF	TERRESTRIAL VERTEBRATES IN TEMPERATE FORESTS BIR	766
RE BEHAVIORAL ECOLOGY OF SMALL MAMMALS	TERRESTRIAL WILDLIFE SURVEY SEABROOK NEW HAMPSHI	238
AL SPECIES POPULATION ECOLOGY OF THE MALLARD PESTICIDES	TERRITORIAL BEHAVIOR AND THE PED-SHOULDERED HAW	326
THRESHOLDS ACHIEVING STABLE PREDATOR - PREY INTERACTIONS	TERTIARY EFFLUENT MODIFICATION OF A STREAM HUMA	437
IKILL RIVER ECOLOGICAL STUDY PUFFER TOXIN OF PEPEROIDEA	TENTACIENSUS ICHTHYOLOGY FISHERY BIOLOGY SAVIR	487
LANDFILLS NEW YORK ENVIRONMENTAL IMPACT TITUS RESERVOIR	TEXAS ENVIRONMENTAL PLAN TRINITY RIVER BASIN TE	792
UAL HABITAT HABITAT AND BOBWHITE QUAIL PRODUCTION SOUTH	TEXAS RANGE AND WILDLIFE MANAGEMENT HURRICANE Y	53-
RESERVOIR TEXAS ENVIRONMENTAL PLAN TRINITY RIVER BASIN	TEXAS ENVIRONMENTAL IMPACT BROOKHAVEN LANDFILLS	792
ON BENTHOS OF HUDSON RIVER EFFECTS OF OIL FIELD BRINE ON	TEXAS ESTUARIES ESTUARINE ECOSYSTEMS BENTHOS TH	789
HACKENSACK MEADOWS VEGETATION OF HOUSTON NEW TOWN SITE	TEXAS WETLAND PLANT DISTRIBUTION IN TIDEWATER M	650
WASTES FIBROUS CONTAMINANTS IN AIR PLANT MORPHOLOGY AND	TEXTILE FIBER RESEARCH AND GENERAL TEXTILE RESEA	263
PLANT MORPHOLOGY AND TEXTILE FIBER RESEARCH AND GENERAL	TEXTILE RESEARCH EFFECT OF WOOL SCOURING MILL ON	263
CONTROL INDUSTRIAL WASTE TREATMENT - ALUMINUM ANODIZING	TEXTILE WASTE TREATMENT SYSTEM INDUSTRIAL LAUNDR	607
EDER GRAIN LEGUMES CONSULTANT ON UNIVERSITY DEVELOPMENT	THAILAND KASETSART UNIVERSITY BANGKOK PLANT B	503
ISHERY RESOURCE MANAGEMENT PHOTOPELOIDISM AND ECOLOGY OF	THAILASTA REMOTE SENSING OCEANOGRAPHY MARINE P	458
HYDROLOGIC STUDIES AND MODELS FOR APATENY AND PLANNING	THAILIUM POLLUTION HAZARDOUS SPILLS OF TOXIC CHE	447
NEW HAVEN HARBOR CONN. ENVIRONMENTAL IMPACT STATEMENT -	THAMES RIVER CONN. EVALUATING ENVIRONMENTAL IM	724
N AND MANAGEMENT OF ENVIRONMENTAL FIELD STUDIES BREEDING	THAMES RIVER CT BLASTING IMPACT MARINE COVE INL	80-
SUCCESS FISH BIOLOGY MEASURES OF ENVIRONMENT AND FISH	THEIRSELVES TO PROVIDE GOOD FISHING FOOD OF PORAS	246
ND BREEDING PROGRAM FOR DOUGLAS PIR POPULATION GENETICS	THEORY AND MATHEMATICAL ECOLOGY OF FOREST SPECIE	606
N BY PARABOLIC APPROXIMATION APPLICATION OF STATISTICAL	THEORY AND METHODOLOGY TO ECOLOGICAL PROBLEMS HI	461
UATIC COMMUNITIES; DISTRIBUTIONAL PROCESSES COMPETITION	THEORY DISTRIBUTIONAL ECOLOGY OF STREAM BENTHIC	10-
ESTUARY BENTHOS; SEDIMENT SIZE AND CHEMISTRY INFLUENCES	THEOREM NUTRIENT TRANSPORT IN OLIGHALINE TIDAL	732
ORGANIC CHEMICALS BEHAVIORAL AND ECOLOGICAL ASPECTS OF	THERMAL AND CHEMICAL POLLUTION TEMPERATURE PRESE	476

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

AZOS RIVER NUCLEAR SITING STUDY, MISSOURI RIVER ECOLOGY	THERMAL AND INDUSTRIAL EFFLUENT EFFECTS UPON AQUA	98
RIVER ILLINOIS FRESH WATER AND ESTUARINE INVERTEBRATES	THERMAL DISCHARGE EFFECTS ON HUDSON RIVER BENTHO	339
NET PLANKTON THERMAL DISCHARGE EFFECTS ON MARINE PLANKTON	THERMAL DISCHARGE EFFECTS ON MARINE PLANKTON ES	564
MARINE PLANKTON BIOLOGY AND POLLUTION EFFECTS EVALUATION	THERMAL DISCHARGE EFFECTS ON MARINE PLANKTON THE	564
EVALUATION THERMAL DISCHARGE EFFECTS ON MARINE PLANKTON	THERMAL DISCHARGE EFFECTS ON MARINE PLANKTON THE	564
1 ESPECIALLY IN THE FIELD OF POWER GENERATION EFFECT OF	THERMAL DISCHARGE ON ALGAL PRODUCTIVITY ENVIRON	287
TEMPERATURE SELECTION OF FISH FROM LAKE ERIE EFFECTS OF	THERMAL DISCHARGES ON HUDSON FISH ESTUARINE FIS	35
7 IN THE MARINE ENVIRONMENT PRODUCTIVITY - GULF OF MAINE	THERMAL EFFECT ON ALGAE PRODUCTIVITY - FLORIDA S	805
5 IN THE MARINE ENVIRONMENT PRODUCTIVITY - GULF OF MAINE	THERMAL EFFECT ON ALGAE PRODUCTIVITY - FLORIDA S	806
4 TAXONOMY OF MARINE YEASTS SEWAGE EFFECT ON ESTUARINE	THERMAL EFFECT ON THE CONDUCTIVITY RIVER MARINE	91
3 ECOLOGY, ENVIRONMENTAL POLLUTION INFECTIOUS DISEASES	THERMAL EFFECT ON ALGAE ORGANISMS BIOLOGICAL	414
2 ESTUARINE COXAS ESTUARIES ESTUARINE ECOSYSTEMS DISEASES	THERMAL EFFECTS ON BENTHOS OF HUDSON RIVER EFPEC	788
1 THE CHEMICAL/PHYSICAL PROPERTIES OF GREEN PLANKTON	THERMAL EFFECTS ON THERMAL/PHYSICAL PROPERTIES	160
WATER QUALITY EVALUATION PRE-IMPONDMENT STUDY OF	THERMAL EFFECTS STUDIED ALGAL ASSAY EVALUATION	769
CONSULTANT - ONGOING EUTROPHICATION OF TUMBLE	THERMAL EFFECTS ON EARLY LIFE HISTORY OF LEPON	176
LAKE TUMBLE EFFLUENT EFFECTS UPON AQUATIC ECOSYSTEMS	THERMAL EFFECTS ATLANTIC COASTAL ESTUARY CHEMIC	98
AND MINERAL CYCLING COVE POINT BENTHIC STUDY EFFECTS OF	THERMAL LOADING AND WATER QUALITY ON ESTUARINE O	300
WATER DISPERSIONS IN CONN. RIVER BENEFIT-COST ANALYSIS	THERMAL POLLUTION AND ENTRAINMENT EFFECTS ON ICH	456
NET MARINE PHYTOPLANKTON	THERMAL POLLUTION AND PHYTOPLANKTON COUNT AND ID	109
NETS ENERGY FLOW THROUGH SOIL-PLANT-ATMOSPHERE CONTINUO	THERMAL POLLUTION DISPOSING WASTE HEAT TO SOIL R	474
QUATIC LIFE EFFECTS OF POLLUTION ON THE AQUATIC ECOLOGY	THERMAL POLLUTION EFFECTS ON AQUATIC LIFE EFFECT	38
REACTIONS FEEDING OF FISH IN BACK BAY REPOSE IN VIRGINIA	THERMAL POLLUTION IN TAMPA BAY IN FLORIDA INVE	24
PLANKTON ECOLOGY	THERMAL POLLUTION MODEL OF ALGAL PRODUCTION	63
CESSSES SEDIMENTOLOGY CIRCULATION OF N.H. COASTAL WATERS	THERMAL POLLUTION BRIDGEPORT HARBOR CONNECTICU	307
5 MATHEMATICAL MODELS; RIVER AND ESTUARY WATER QUALITY;	THERMAL POLLUTION; SALINITY INTRUSION TRANSIENT	302
N HYDROGRAPHIC STUDY THE USE OF LYE DIFFUSION SURVEY IN	THERMAL PREDICTIVE STUDIES ECOLOGICAL STUDIES CO	689
STUDY ECOLOGICAL STUDY DELAWARE RIVER ESTUARY AQUATIC;	THERMAL SEWAGE CONSTRUCTION; FISHES MACROINVERTE	183
CAL ECOLOGY OF MARINE NEMATODES ECOLOGICAL CONSULTANT ON	THERMAL STRESS ECOLOGY OF MARINE MEGIFAUNA PHYS	726
ND WATER INTERRELATIONSHIPS OCEAN AND LAKE DYNAMICS AND	THERMAL STRUCTURE OCEAN'S THERMAL STRUCTURE STUD	111
S OCEAN AND LAKE DYNAMICS AND THERMAL STRUCTURE OCEAN'S	THERMAL STRUCTURE STUDIES LAND USE AND WATER INT	111
ACTIVE COOLING OF HORT. CROPS VEGETABLE PLANT POPULATIONS	THERMAL WASTE IN HEATING THE SOIL EVALUATION OF	609
WATER QUALITY ANALYSES RIVERS-LAKES POPULATION BIOLOGY	THERMAL-ACID DRAINAGE SEWAGE INTERACTIONS ON PRI	387
ELECTROMAGNETIC ACTIVITY OF PORPHIN DERIVATIVES KINETIC	THERMOCHRM. STUDIES OF PORPHYRIN REAX MODEL STUD	5
8 CE METALS IN LAKE WASHINGTON LEAD IN COASTAL WATERS	THERMODYNAMICS AND KINETICS AIR PURIFICATION TRA	25
ECOLOGY ENERGY BALANCE OF ORGANISMS UNDER NATURAL CONDITIONS	THERMOREGULATION IN HOMEOTHERMS PHYSIOLOGICAL EC	674
AL REEF STRUCTURE AND DIVERSITY BIOLOGY OF CORAL REEFS;	THERORETICAL ECOLOGY; BIOGEOGRAPHY OF TROPICAL M	557
INDOOR EDUCATION COURSES RESEARCH IN BIRD POPULATIONS -	THESIS RESEARCH IN HERRING GULLS POPULATIONS MAR	292
AL GAS ECOLOGICAL ASSESSMENT OF SWG PLANT ECOSYSTEMS AS	THEY ARE EFFECTED BY POLLUTION ECOLOGICAL EFFECT	511
MEMBERS OF MY FIRM REPRESENT THE FULL RANGE OF SCIENCES AS	THEY BEAR UPON THE ENVIRONMENT EFFLUENT MANAGEME	268
RT NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	THIRD ANNUAL REPORT NORTH CAROLINA STATE FOREST	608
HE NORTH CAROLINA STATE FOREST FERTILIZATION COOPERATIVE	THIRD ANNUAL REPORT OF THE NORTH CAROLINA STATE	293
TION THRESHOLDS LAKES GREAT LAKES ACCEL. EUTROPHICATION	THRESHOLDS ACHIEVING STABLE PREDATOR - PREY INTE	437
HUMAN POPULATION DENSITY VS. ACCELERATED EUTROPHICATION	THRESHOLDS LAKES GREAT LAKES ACCEL. EUTROPHICAT	437
LUATION OF HUMAN PREGNANCY TEST IN BITCHES SEPARATION OF	TROMBOCYTES AND LYMPHOCYTES FROM AVIAN BLOOD B	762
RS REGULATING BLOOD CELL FORMATION HUMORAL REGULATION CP	THERMOPOIESIS REGULATION OF PLATELET PRODUCTION	146
CTS OF ENVIRONMENT ON PENETRATION OF ANTICHLINESTERASES	THRU SKIN ENVIRONMENTAL PHYSIOLOGY PHYSIOLOGICA	164
OF MODERN AND ANCIENT CARBONATE SEDIMENTS PALEOECOLOGY OF	TICHENOR LESTONE FORAMINIFERAL-ALGAL COLONIES	90
OPUS LIZARDS EVOLUTION COMPARATIVE POPULATION CYTOGENE	TICS OF VERTEBRATES BIOGEOGRAPHY COMP. POP. CYT	297
TRY INFLUENCES THEREON NUTRIENT TRANSPORT IN OLIGOHALINE	TIDAL MARSHES PHYSICAL AND ANALYTICAL CHEMISTRY	332
TROPICAL ANGIOSPERM TAXONOMY; NE U.S. LOCAL FLORA; CONN.	TIDAL MARSHES STATE OF CONNECTICUT TIDAL WETLAND	424
S. LOCAL FLORA; CONN. TIDAL MARSHES STATE OF CONNECTICUT	TIDAL WETLANDS PRESERVATION PROGRAM CONSULTANT	424
R WETLANDS STUDY OF SOUTHAMPTON TOWN NEW YORK EFFECTS OF	TIDE GATES ON COVE ESTUARY CT PLANT ECOLOGY OF	675
USTON NEW TOWN SITE TEXAS WETLAND PLANT DISTRIBUTION IN	TIDEWATER MD WETLAND ECOLOGY ESPECIALLY IN REF	650
S CHM. WORK GPP. 4 OF THE CONF. ON GLOBAL ECOL. PROBLEMS	TIB ADVISORY COUNCIL FOR URBAN ECOSYSTEMS STUDIE	358
OP CUATRO CIENEGAS BASIN MEXICO ECOLOGY OF CNEHIDOPHORUS	TIGRIS VERTEBRATE FAUNA COLORADO NATL. MONUMENT	468
SOC. PELAGIC SARGASSUM REVISION & COMPARATIVE BIOLOGY OF	TILEFISHES MARINE ECOLOGY & SYSTEMATICS OF FISH	191
EFFECTS OF ENVIRONMENTAL MODIFICATION ON WILDLIFE HABITAT	TIMBER CUTTING EFFECTS ON WILDLIFE HABITAT POOD	158
D HABITAT SELECTION BIRD POPULATION EFFECT OF LOGGING ON	TIMBER OPERATIONS AND WILDLIFE WILDLIFE RESOURCE	762
NATIONAL	TIMBER PRODUCTION - INCREASE AND IMPACT	659
TAL POLLUTION UPON AVIAN AND MAMMALIAN REPRODUCTION FULL	TINE RESEARCH SINCE 1965 - REPRODUCTIVE BIOLOGY	108
ED IN US SYSTATICS OF ENDANGERED SPECIES SYSTEMATICS OF	TINAMCUS SYSTEMATICS DISTRIBUTION AND LIFE HI	32
DUCTIVITY STUDIES LIMNOLOGICAL SURVEY OF THE CLARION AND	TIONESTA RESERVOIRS CONSULTANT - WATER POLLUTION	485
TAPLASTA CELLS OF MAMMALIAN OVIDUCT CELLS AND	TISSUE CHANGES DURING DEVELOPMENT PNA-INDUCED MP	259
INHIBITOR IN CATTLE TOXICOLOGY STUDIES ON VIRGINIAMYCIN	TISSUE RESIDUES & TOXICOLOGY OF VETERINARY PROBU	185
D GEOCHEMISTRY OF MARINE SEDIMENTS TRACE METALS IN HUMAN	TISSUES ORGANIC CHEMISTRY OF WATER AND SEDIMENT	766
GLANDS - ATTACHMENT MECHANISM HISTOCHEMISTRY - BARNACLE	TISSUES DEVELOPMENT OF TRAINING PROGRAM - ENVIRO	431
EACT BROOKHAVEN LANDFILLS NEW YORK ENVIRONMENTAL IMPACT	TITUS RESERVOIR TEXAS ENVIRONMENTAL PLAN TRINIT	792
DIMORPHISM IN TOADFISH SWIMBLADDERS BRAIN STIMULATION IN	TOADFISH SARGASSUM COMMUNITY ECOLOGY FAUNAL VAR	218
UNAL VARIATION ON PELAGIC SARGASSUM SEXUAL DIMORPHISM IN	TOADFISH SWIMBLADDERS BRAIN STIMULATION IN TOADP	218
IPE RESOURCES ALCOVE RIVER GEORGIA WATERSHED EVALUATION	TOCKS ISLAND DAM & RESERVOIR N.Y. N.J. & PA FI	522
DISTRIBUTION AND CYTOLOGY OF AQUATIC MICROORGANISMS COPPER	TOLERANCE IN ALGAL FUNGUS INHIBITION BY WOOD EXT	584
ENVIRONMENT PLANTS ARCTIC-ALPINE AND COASTAL TAXONOMY OF	TOLOSTOMA BRUMALE SNOWCOVER ECOLOGY OF DIAPENSIA	727
AQUATIC ENTOMOLOGY POLLUTION OF PEPER	TOMAWANDA CREEK	465
OLOGY OF PORANINIFERA LATE PLEISTOCENE PALEOECOLOGY OF	TONGUE OF OCEAN BIOSTRATIGRAPHY OF ATLANTIC COAS	445
ION OF COASTAL WATERS SALT MARSH MICROCOSMS: A POLLUTION	TOOL EFFECT OF OIL ON MARINE BIOTA SALT MARSH PR	504
OWTH REQUIREMENTS OF SALT MARSH VEGETATION PHYSIOLOGY OF	TORFGRASS UNDER STRESS CONDITIONS STRESS PHYSIO	349
D MEDITERRANEAN OCEAN ACRE STUDIES STUDY OF INFLUENCE OF	TOWING SPEED ON CATCH PLANKTON & NEKTON SAMPLIN	22
E IN A SELECTED SALT MARSH WETLANDS STUDY OF SOUTHAMPTON	TOWN NEW YORK EFFECTS OF TIDE GATES ON COVE ESTH	675
VEGETATION HACKENSACK MEADOWS VEGETATION OF HOUSTON NEW	TOWN SITE TEXAS WETLAND PLANT DISTRIBUTION IN T	650
ABITAT MANAGEMENT FOR GAMEBIRDS AND FARM GAME PLAINFIELD	TOWNSHIP COMPREHENSIVE PLAN REGIONAL SEWER & WAT	670
MENT AND PLANNING THALLIUM POLLUTION HAZARDOUS SPILLS F	TOXIC CHEMICALS ENVIRONMENTAL IMPACT OF DREDGE D	447
ISHS PHYSIOLOGICAL RESPONSE OF ESTUARINE CRAB TO CADMIUM	TOXIC EFFECTS OF HEAVY METALS TO OYSTER EMBRYOS	140
NES AND AVIAN REPRODUCTION US USER ENVIRONMENTAL PROGRAM	TOXIC SUBSTANCES ACT BIOCHEMICAL AND PHYSIOLOGI	541
EASE OXYGEN TOXICITY INHALED GASPOUS IRRITANTS BERYLLIUM	TOXICITY DIAGNOSIS ANIMAL DISEASE INCLUDING TOX	590
BIOLOGY; ELECTRONMICROSCOPY; HISTOLOGY; EMBRYOLOGY DRUG	TOXICITY EFFECTS OF TRANQUILIZING DRUG ON RATS	426

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

FISH ACUTE TOXICITY HEAVY METALS FISH TEMPERATURE ACUTE	TOXICITY HEAVY METAL BENTHIC HEAVY METAL TOXICITY	576
AL TOXICITY TOWARD FRESH WATER AQUATIC COMMUNITIES ACUTE	TOXICITY HEAVY METALS FISH ACUTE TOXICITY HEAVY	576
DATIC COMMUNITIES ACUTE TOXICITY HEAVY METALS FISH ACUTE	TOXICITY HEAVY METALS FISH TEMPERATURE ACUTE TOX	576
IC PRODUCTIVITY GROWTH FACTORS VITAMINS TOXINS SHELLFISH	TOXICITY IN ALASKAN WATERS BIOLOGICAL PRODUCTIVI	507
S TOXICOLOGY OF SYNDETS AND NTA TO MARINE LIFE CRUDE OIL	TOXICITY IN RED SEA PHYSIOLOGICAL EFFECTS OF HE	205
OSIS ANIMAL DISEASE INCLUDING TOXICOLOGIC DISEASE OXYGEN	TOXICITY INHALED GASEOUS IRRITANTS BERYLLIUM TOX	590
LIUATION OF ANTIMALARIAL COMPOUNDS IN INF. MONKEYS ACUTE	TOXICITY OF PESTICIDES TO ESTUR. COPEPODS SCREEN	394
TO FISH ROLE OF NUTRIENTS IN DIATOM POPULATION DYNAMICS	TOXICITY OF SULFITE WASTE LIGAOC TO R. TROUT FI	281
TRUCTURAL ANALYSIS OF VESSELS EFFECTS CP TEMPEARETURE AND	TOXICITY ON P. ROSEOLA HAZARD ASSOCIATED WITH SH	616
PEFATURE ACUTE TOXICITY HEAVY METAL BENTHIC HEAVY METAL	TOXICITY TOWARD FRESH WATER AQUATIC COMMUNITIES	576
S BERYLLIUM TOXICITY DIAGNOSIS ANIMAL DISEASE INCLUDING	TOXICOLOGIC DISEASE OXYGEN TOXICITY INHALED GASE	590
ANTS HEALTH EFFECTS OF POWER PLANT IN EDMONTON, ALBERTA	TOXICOLOGICAL EFFECTS OF AIR POLLUTANTS BIOLOGIC	261
QUALITY STUDIES RIVERINE SYSTEMS, MASS. PHYSIOLOGY AND	TOXICOCLOGY OF AQUATIC ANIMALS ESPECIALLY NERVOU	104
ETS TO MARINE LIFE CADMIUM POISONING IN MARINE ORGANISMS	TOXICOCLOGY OF SYNDETS AND NTA TO MARINE LIFE CRO	205
E TOXICOLOGY STUDIES ON VIRGINIAMYCIN TISSUE RESIDUES &	TOXICOLOGY OF VETERINARY PRODUCTS BIOCHEMISTRY	185
MYCIN IN SWINE RESIDUES OF A METHANE INHIBITOR IN CATTLE	TOXICOCLOGY STUDIES ON VIRGINIAMYCIN TISSUE RESI	185
COMPARATIVE BIOCHEMISTRY PHYSIOLOGY PHARMACOLOGY	TOXICOCLOGY BIOCHEMICAL GENETICS HEAVY METAL	463
OSS-FLORIDA BARGE CANAL INVESTIGATION FISHERY RESEARCH	TOXICOCLOGY ECOLOGY BIOCHEMISTRY PEST CONTROL	749
NS ENVIRONMENTAL CONSEQUENCES OF HIGHWAYS ENVIRONMENTAL	TOXICOCLOGY ESPECIALLY OF AIR WATER AND OTHER	539
OF HEALTH AND SAFETY HAZARDS BIODEGRADATION AND AQUATIC	TOXICOLOGY PRODUCT DETERMINATION OF ENVIRONMEN	31
COLOGICAL STUDY SCHUYLKILL RIVER ECOLOGICAL STUDY PUFFER	TOXIN CP SPHOBROIDES TESTUDINEUS ICHTHYOLOGY F	487
ALOPODS AND GASTROPOD MOLLUSCS	TOXINS OF MARINE INVERTEBRATES PARTICULARLY CEPH	671
IC SYSTEMS AQUATIC PRODUCTIVITY GROWTH FACTORS VITAMINS	TOXINS SHELLFISH TOXICITY IN ALASKAN WATERS BIOL	507
LIFE HISTORY STUDIES TAXONOMY SABBATICAL - UNIV. MYSORE	TOXOPIASNOSIS ACAROLOGY SOIL NITES (ORIBATEI)	633
ENVIRONMENTAL CONDITIONS ON NUTRITION DUMP SITES	TRACE ELEMENT STUDIES ON DEEP WATER PLANKTON	340
OF PLANTS INORGANIC PLANT NUTRITION ESPECIALLY	TRACE ELEMENTS BORON REQUIREMENT AND METABOLISM	128
PLANT CELLS PLANT MINERAL NUTRITION & PLANT PHYSIOLOGY	TRACE ELEMENTS IN BIOSPHERES NITROGEN NUTRITION	771
ER CONFORMATION CP ADSORBED PROTEINS ORGANIC MATTER AND	TRACE ELEMENTS IN NATURAL WATERS TRACE METAL - O	751
N CONTROL RADIOACTIVITY MEASUREMENT HUDSON RIVER ECOLOGY	TRACE ELEMENTS IN URBAN ATMOSPHERES ENVIRONMENT	204
ION BIOGEOCHEMISTRY OF OCEANS WITH SPECIAL REFERENCE TO	TRACE ELEMENTS RADIONUCLIDES AND POLLUTANTS RADI	74
ENS ORGANIC MATTER AND TRACE ELEMENTS IN NATURAL WATERS	TRACE METAL - ORGANIC MATTER ASSOCIATIONS IN SEA	751
CHEMICAL EFFECTS ISOTHERMAL COMPRESSIBILITY OF SEAWATER	TRACE METAL BASELINE STUDIES CHEMICAL EFFECT OF	429
CE METALS PLANKTON DECOMPOSITION ANAEROBIC WATER SYSTEMS	TRACE METAL CYCLING DURING DREDGING MID-ATLANTIC	3
ND SEDIMENTS AMINO ACID GEOCHEMISTRY OF MARINE SEDIMENTS	TRACE METALS IN HUMAN TISSUES ORGANIC CHEMISTRY	766
WATERS THERMODYNAMICS AND KINETICS AIR PURIFICATION	TRACE METALS IN LAKE WASHINGTON LEAD IN COASTAL	25
RIFE IN HEATED WASTE WATER QUALITY SURVEY ROLE CP	TRACE METALS IN MICROBIAL METABOLISM NITRITE FOR	781
ICAL OCEANOGRAPHY CARBON SULFUR BUDGETS DISSOLVED GASES	TRACE METALS PLANKTON DECOMPOSITION ANAEROBIC WA	3
LLS MANAGEMENT OF MASSACHUSETTS TERNS PANEL ON HAZARDOUS	TRACE SUBSTANCES INTERACTION OF BEHAVIOR AND PO	194
SONIC TRACKING STRIPED BASS	791	
ORBITED TRADESCANTIA ENVIRONMENTAL MUTAGEN TESTING WITH	TRADESCANTIA VARIOUS DELETERIOUS EFFECTS OF ION	676
RADIATION ON PLANIS RADIOBIOLOGICAL RESPONSES OF ORBITED	TRADESCANTIA ENVIRONMENTAL MUTAGEN TESTING WITH	676
POLLUTANTS WITH MARINE AND FRESHWATER PHYTOPLANKTON NIH	TRAINEE - METABOLISM OF DDT BY FRESHWATER ALGAE	578
ILLANCE - BEACH RES. FOR ANTIAMOEPEC AGENT BIOTECHNICIAN	TRAINING MODULES DEVELOPMENT PROTOZOLOGY - PAT	485
ES CATEGORIZATION OF PESTICIDES USED BY FEDERAL AGENCIES	TRAINING OBJECTIVES & STDS FOR FEDERAL PEST NANA	804
CHANISM HISTOCHEMISTRY - BARNACLE TISSUES DEVELOPMENT CP	TRAINING PROGRAM - ENVIRONMENTAL TECHNOLOGISTS	431
CROSCOPY; HISTOLOGY; EMBRYOLOGIC DRUG TOXICITY EFFECTS CP	TRANQUILIZING DRUG ON RATS DOGS & HORSES CELL	426
EAR POWER PLANT SITE TERRESTRIAL IMPACT SURVEY REVIEW CP	TRANSALASKA OIL PIPE IMPACT REP. ARCTIC MAMMAL P	327
ECOLOGY FOREST VEGETATION MAP SUCCESSION OF ALGAE IN A	TRANSECT BODEGA BAY CA. MARINE BOTANY	795
AND POLICY ANALYSIS OF ENVIRONMENTAL RESOURCE MANAGEMENT	TRANSFORMATION OF PASTORAL NASAI IN KENYA PRICIN	175
ARY WATER QUALITY; THERMAL POLLUTICN; SALINITY INTRUSION	TRANSIENT WATER QUALITY IN ESTUARY NETWORKS SUBM	302
N LAB. CULTURES CONTROL OF GERMAN COCKROACH WITH RECIPR.	TRANSIC COMPETITION BETWEEN BLACK AND WILD GERMA	346
ITES ON MALARIA MED ENTOMOLOGY WITH EMPHASIS ON DISEASE	TRANSMISSION AND VECTOR BIOCONTROL ADAPTATION OF	755
ULATION RELATIONSHIPS ENVIRONMENTAL IMPACT OF ELECTRICAL	TRANSMISSION CONTROL OF BIRD DEPRIDATION ON AGRIC	101
TEREST IN WATERFCWL TERRESTRIAL & WETLAND EVALUATION FOR	TRANSMISSION LINE CORRIDOR WILDLIFE EVALUATION	575
PHYSIOLOGY OF SYNAPTIC	TRANSMISSION PHYSIOLOGY OF ELECTRONIC JUNCTIONS	56
N LAKES PHONOCEPTION IN ARROW WORMS STRATIFICATION AND	TRANSEARENCY IN AFRICAN LAKES AQUATIC PRIMARY P	475
ATIONS OF SURFACE-MINED LANDS HYDROLOGICAL IMPORTANCE CP	TRANSEARATION CONTROL BY STOMATA INFLUENCE OF P	421
D OF GERMINATION IN SEEDS OF AQUILEGIA USE OF RECIPROCAL	TRANSPLANTS IN GENECOLOGY PHYSIOLOGICAL ECOLOGY	415
PARTICULARLY AUXINS AND CYTOKININS INHIBITORS OF AUXIN	TRANSPORT PHYSIOLOGY OF PLANT GROWTH REGULATORS	715
ANALYSIS OF PCB,DDT ORGANICS IN BOSTON HARBOR SEDIMENTS	TRANSPORT AND ALTERATION OF ORGANIC CHEMICALS IN	636
IS MICROBIOLOGY SO. SHORE LONG ISLAND ECOLOGICAL EFFECTS	TRANSPORT FACILITIES WESTCHESTER COUNTY LENTIC-L	113
TREE WATER PELATION; MANS IMPACT; AND LAND USE PLANNING	TRANSPORT FACILITY IMPACT ON SOIL AND WATERSHED	157
SEDIMENT SIZE AND CHEMISTRY INFLUENCES THEREON NUTRIENT	TRANSPORT IN OLIGOHALINE TIDAL MARSHES PHYSICAL	332
KS PREY SELECTION BEHAVIOR OF MARINE SNAILS BEHAVIOR AND	TRANSPORT OF BIVALVE LARVAE EXPERIMENTAL ANALYS	799
IFICATION OF CONCENTRATED NITRATE WASTEWATERS WATERPRCTN	TRANSPORTATION AND ENVIRONMENTAL RESOURCES WATE	371
NG VARIATION IN A PLOUNDER FISHERY RHODE ISLAND FLOATING	TRAP FISHERY TEMPERATURE EFFECTS ON YIELDS OF LO	651
AND WILDLIFE PRODUCTIVITY FOR RECREATION PURPOSES DUR 24	TRAPPING BLUEGILL SUNFISH IN FARM PONDS LAKE TRO	777
IES EVALUATION OF EXOTIC GAME BIRD PROGRAM PREASANT LIVE	TRAPPING STUDY QUANTICO MCB DEAD DEER SURVEY WI	718
REMOVAL OF IRON FROM ACID MINE DRAINAGE WATERS DOWN WIND	TRAVEL OF CHY EVEN SPILL USE OF CLUIOIZED RED EL	783
CCOQUAN WATERSHED OPTIMAL PROCEDURES FOR SLODGE DISPOSAL	TREATABILITY OF VARIOUS MUNITIONS MANUFACTURING	572
POPULATIONS DYNAMICS AND SIMULATED YIELD OF DOUGLAS FIR	TREE AND STAND DATA FROM LOW-LEVEL AERIAL PHOTO	490
LASSIFICATION AND EVALUATION AS WILDLIFE HABITAT WETLAND	TREE GROWTH AS AFFECTED BY ARTIFICIAL FLOODING W	262
UN PREPARATION OF BOOKS AND MAPS U.S. AND LATIN AMERICA	TREE IDENTIFICATION FOREST SURVEY NE NICARAGUA P	438
A PROFESSIONAL TREE IDENTIFICATION TURRIALBA COSTA RICA	TREE IDENTIFICATION FOREST SURVEY NW ECUADOR TR	438
COSTA RICA TREE IDENTIFICATION FOREST SURVEY NW ECUADOR	TREE IDENTIFICATION PREPARATION OF BOOKS AND MAP	438
E IDENTIFICATION FOREST SURVEY NE NICARAGUA PROFESSIONAL	TREE IDENTIFICATION TURRIALBA COSTA RICA TREE I	438
EFFECT OF FLOODING ON SWAMP FOREST PLANT WATER RELATIONS;	TREE PHYSIOLOGY MEASUREMENT OF WATER STRESS IN P	403
ODS RESEARCH ADMINISTRATION FOREST SOIL-SITE RELATIONS	TREE ENYSIOLOGY RESEARCH MANAGEMENT FOREST SOIL	560
SYSTEMS SYSTEM ANALYSIS DECIDUOUS FOREST ECOSYSTEM FOREST	TREE ROOT SYSTEMS CROWN STEM RELATIONSHIPS IN PO	702
ELAWARE ESTUARY PROJECT - MARSHES POPULATION DYNAMICS CP	TREE SEDDLINGS GRASSLAND PRODUCTION AND METHODS	264
AGE ON LOGGED AREAS OF NEW YORK SOIL SCIENCE APPLIED TO	TREE WATER RELATION; MANS IMPACT; AND LAND USE P	157
Y ECOLOGY OF WOOD INHABITING INSECTS ECOLOGY OF FOREST	TREE AND FOREST PRODUCTS INSECTS PHEROMONE PROD	647
ENSURATION TECHNICAL REPORT WRITING THE TARP SYSTEM CP	TREE-VOLUME ESTIMATIONS GIBARD FORM CLASS ESTINA	782
GENETICS AND PHYSIOLOGY OF	TREES	545
EST TREE ROOT SYSTEMS CROWN STEM RELATIONSHIPS IN FOREST	TREES ANALYSIS OF FOREST ECOSYSTEMS SYSTEM ANAL	702

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

Y OLD-FIELD SUCCESSION VERNAL CAMEIAL ACTIVITY IN FOREST	TREES ANALYSIS OF PHYTOTOXIC EFFECTS OF CHEMICA	114
EVAPOTRANSPIRATION AND SNOWMELT WATER STRESS IN HARDWOOD	TREES SNOWMELT IN HARDWOOD FORESTS WIND PROFILES	214
TOYR ECOLOGICAL STUDIES WILDLIFE INDICATORS OF ENVIRONMENT	TRENDS NATURAL AREA SURVEYS ECOLOGY OF HEAVY MET	368
NY. N.J. & PA FISH & WILDLIFE CHESAPEAKE BAY AND	TRIBUTARIES EVALUATING EFFECTS OF WATER RESOURC	522
RIPED BASS ADULT AND YOUNG FISHES OF CHESAPEAKE BAY AND	TRIBUTARIES ESPECIALLY STEEPED BASS GROSS BIOL	586
CE OF A MORPHACTINS ON SOYBEAN PLANTS INFLUENCE OF 2 3-5	TRIODABENZOIC ACID ON SOYBEANS ENVIRONMENTAL F	127
MENTAL IMPACT TITUS RESERVOIR TEXAS ENVIRONMENTAL PLAN	TRINITY RIVER BASIN TEXAS ENVIRONMENTAL IMPACT R	792
F OKWARI PARK SITE NY CT. NY BEHAVIORAL ECOLOGIST UPPER	TROPHIC LEVELS ECOSYSTEM MONITORING VIA AVIFAUNA	130
ERMAL SEWAGE CONSTRUCTION; FISHES MACROINVERTEBRATES AND	TROPHIC LEVELS HARRISBURG FLOOD PROTECTION STUDY	183
TION OF ZOO. IN THE HUDSON ESTUARY DIELDRIN CONC. IN THE	TROPHIC LEVELS OF A MARSH THE FACTORS CONTROLIN	594
OPHICATION PROCESSES AND BIOLOGICAL POLLUTION MONITORING	TROPHICGENIC ECOLOGY OF SOUTHWESTERN RESERVOIRS F	469
BREEDING TEMPORARY SCIENTIST INTERNATIONAL INSTITUTE CE	TROPICAL AGRICULTURE PLANT BREEDER GRAIN LEGUME	503
TURE AND DYNAMICS OF COMMUNITIES RESOURCE PARTITIONING	TROPICAL BIOLOGY RESOURCE PARTITIONING OF TROPIC	622
TROPICAL INSECT ASSOCIATIONS DIVERSITY AND STABILITY CP	TROPICAL CROP SYSTEMS INFLUENCE OF VEGETATION DI	595
PARTITIONING TROPICAL BIOLOGY RESOURCE PARTITIONING CP	TROPICAL EPIPHYTES STRUCTURE OF A TROPICAL PLANT	622
REAKS POPULATION DYNAMICS OF INSECTS ECOLOGY OF CROPS	TROPICAL INSECT ASSOCIATIONS DIVERSITY AND STABI	595
ARENCE IN AFRICAN LAKES AQUATIC PRIMARY PRODUCTIVITY IN	TROPICAL LAKES MEASUREMENT AND REGULATION REGUI	475
MICROBIOLOGY BIODegradation OF PESTICIDES NODULATION CF	TROPICAL LEGUMES POLLUTION OF FARM PONDS SOIL	491
GY OF CORAL REEFS; THERORETICAL ECOLOGY; BIOGEOGRAPHY OF	TROPICAL MARINE ANIMALS EFFECTS OF A PANAMA SEA-	557
RINE TELEOST BEHAVIOR ECOLOGY AND FOOD RELATIONSHIPS CP	TROPICAL MARINE FISHES LAKE - CONSULTANT - ONGO	176
SOURCE PARTITIONING OF TROPICAL EPIPHYTES STRUCTURE OF A	TROPICAL PLANT-POLLINATOR SYSTEM SYSTEMATICS OF	622
ERMAL EFFECTS ON AQUATIC ORGANISMS BIOLOGICAL CONTROL IN	TROPICAL PONDS MEKONG RIVER ECOLOGY AQUATIC BCO	414
IL INTERPRETATION LAND USE PATE CF ANIMAL WASTE IN SOILS	TROPICAL SOILS SOIL SURVEY SOIL CLASSIFICATION	92
TS ENVIRONMENTAL PHYSIOLOGY OF MARINE ANIMALS IMPACT CP	TROPICAL STORM AGNES ON DELAWARE ESTUARY ECOLOGI	717
IL JOINT PARANA COMMISSION CONSOLIDATED EDISON ECOLOGY;	TROPICS; SOIL-PLANT RELATIONSHIPS; ENVIRONMENTAL	265
POPULATION DYNAMICS TOXICITY OF SULFITE WASTE LIGAOC TO F.	TROUT FISH BIOASSAYS ACUTE & SUBLETHAL EFFECTS	281
FISH REPTILES AND AMPHIBIA ANOXIA AND NA LOSS IN BROCK	TROUT AT LOW PH SALT GLAND OF SEA SNAKES ION AND	530
OSSES DUR 24 TRAPPING BLUEGILL SUNEISH IN POND PONDS LAKE	TRODT CHROMOSOME MORPHOLOGY INCREASE FISH AND W	777
MAINE EFFECTS OF VARIOUS STOCKING RATES IN PONDS ON EK.	TROUT FISHING QUALITY PREDATION ON NEWLY STOCKED	73
ANKTON DOMESTIC-INDUSTRIAL POLLUTION AND BENTHAL INSECTS	TROUT HATCHERY VS. OWNER OF A POND-COURT CASE DI	289
AREA IN MINNESOTA PATHOLOGY AND HISTOLOGY OF FINGERLING	TROUT IN MONTANA ACCELERATED EUTROPHICATION IN A	365
LATIONS RESPONSE OF FISH TO POLLUTION CONTROL ANDROMCUS	TROUT MANAGEMENT ECOLOGY OF WARM WATER FISH IN N	277
ISH AND WILDLIFE POND MANAGEMENT TROUT STREAM MANAGEMENT	TROUT POND MANAGEMENT REPORTING ON THE EFFECTS	96
LARGE RESERVOIRS RESERVOIR POPULATION ESTIMATION RAINECW	TROUT SPAWNING SUCCESS FISH BIOLOGY MEASURES O	246
RESOURCE PROJECTS UPON FISH AND WILDLIFE POND MANAGEMENT	TRODT STREAM MANAGEMENT TRODT POND MANAGEMENT P	96
ATIVE ENDOCRINOLOGY REPRODUCTIVE ENDOCRINOLOGY OF FISHES	TROUTS OF UPPER KERN RIVER BASIN CALIFORNIA PIS	624
F MINE DRAINAGE ROADSIDE REST AREA STUDY SAFETY IN WASTE	TRT. PLANTS BIOLOGICAL ASPECT OF WASTE TREATMENT	367
WATERSHED MAINE COASTAL WETLANDS GROUNDTRUTH DENNIS AND	TRURO IMPACT AND DEPENDENCE OF MAN ON ECOSYSTEM	516
H & WILDLIFE ACID MINE DRAINAGE ABATEMENT WORLD HERITAGE	TRUST LIVING RESOURCE MANGEMENT EFFECTS OF SURF	677
D MAN-CREATED ORIGIN ANALYSIS OF NANTUCKET SOUND ISLANDS	TRUST BILL EUTROPHICATION OF COBBOSESE WATERSHED	516
AGARA FRONTIER REGION WESTERN NY FOSSIBLE JET POPULATION	TRYING TO KEEP OEP ROAD VEHICLES OUT OF POSTED &	489
ED SELECTED RESPONSE TO A TERATOGEN IN MICE MECHANISM CF	TRYPAN BLUE TERATOGENESIS ANIMAL MODEL SYSTEM FO	49
NCISCO VALLEY N.M. WESTERN N.M. POWERLINE ROUTE IMPACT	TOCSON GAS & ELECTRIC STUDIES IN GILA VALLEY N.	345
MOUSE SKIN EFFECT OF CARCINOGENS CN MOUSE SKIN CHROMATIN	TUMOR PROMOTION OF ANTHRALIN IN MOUSE SKIN ORGA	632
OF BREAST TUMORS RADIATION DOSE RESPONSE FOR RAT BREAST	TUMORS EXPERIMENTAL RADIATION AND CHEMICAL CARC	638
HEMICAL CARCINOGENESIS CHEMICAL AND RADIATION RAT BREAST	TUMORS IN VITRO INDUCTION OF BREAST TUMORS RADIA	638
RADIATION RAT BREAST TUMORS IN VITRO INDUCTION OF BREAST	TUMORS RADIATION DOSE RESPONSE FOR RAT BREAST TU	638
TY; PCNDUNITY; AGING SEX RATIOS LIFE HISTORY CF SKIPJACK	TUNA LIFE HISTORY OF FISHES; SEXUAL MATUREI	44
RA ECOLOGY ENVIRONMENTAL MANAGEMENT IN COLD REGIONS U.S.	TUNDRA BIOME IBB COLD REGION ECOLOGY AND TERRAIN	82
ERRAIN OIL SPILL AND CLEAN UP ARCTIC SOILS PERMAFROST	TUNDRA ECOLOGY ENVIRONMENTAL MANAGEMENT IN COLD	82
INE FISHRES LAKE - CONSULTANT - ONGING EUTROPHICATION CF	TUNIS THERMAL EFFECTS UPON EARLY LIFE HISTORY OF	176
MOROCCO LIZARD ECOLOGY PRESAHARAN ECOSYSTEM IN SOUTHEEN	TUNISIA BIOGEOGRAPHY HERPETOFAUNA SOUTHERN SPAIN	97
ACTIONS AND BEHAVIORAL ECOLOGY HABITAT SELECTION AND USE	TUNISIAN PRESANARAN PROJECT VERTEBRATE POPUL	253
OGY THERMAL POLLUTION EFFECTS ON AQUATIC LIFE EFFECTS CF	TURBIDITY AND SILTATION ON AQUATIC LIFE EFFECTS	38
ERIC TURBULENCE LASER SCINTILLATION STUDIES ATMOSPHERIC	TURBULENCE IN PLANETARY BOUNDARY LAYER MEASUREME	773
E IN PLANETARY BOUNDARY LAYER MEASUREMENT OF ATMOSPHERIC	TURBULENCE LASER SCINTILLATION STUDIES ATMOSPHE	773
OLD, SHADE AND WEAR STUDIES WITH TURFGRASSES AGRONOMY -	TURFGRASS MANAGEMENT FORAGE CROPS MANAGEMENT DRO	798
CPS MANAGEMENT DROUTH COLD SHADE AND WEAR STUDIES WITH	TURFGRASSES AGRONOMY - TURFGRASS MANAGEMENT FOR	798
F FORESTRY OPERATIONS ON WILDLIFE WILDLIFE BIOLOGY WILD	TURKEY FOOD HABITS WILD TURKEY INTERNAL PARASITE	125
WILDLIFE WILDLIFE BIOLOGY WILD TURKEY FOOD HABITS WILD	TURKEY INTERNAL PARASITES IMPACT OF FORESTRY OPE	125
E SELECTION IN WILD TURKEYS ALLEGHENY RIVER PROJECT WILD	TURKEY PRESEASON BANDING ORNITHOLOGY AT THE ORG	285
ABLISHMENT ORNITHOLOGY & PLANT ECOLOGY OF WETLANDS WILD	TURKEY RE-ESTABLISHMENT TECHNIQUES MANUAL ATLAN	223
BEHAVIOR POPULATION DYNAMICS NEST SITE SELECTION IN WILD	TURKEYS ALLEGHENY RIVER PROJECT WILD TURKEY PRES	285
EST SURVEY NR NICARAGUA PROFESSIONAL TREE IDENTIFICATION	TORRIALBA COSTA RICA TREE IDENTIFICATION FOREST	438
EIANS COMPARATIVE ECOLOGY OF SYMPATRIC CRICKET FROGS NEW	TURTLE FOR WEST VIRGINIA COMPARATIVE HERPETOLOGY	47
RRPETOLOGY OF LONG ISLAND NEW YORK	TURTLE MARKING PROJECT ON LONG ISLAND	620
ATION EFFECTS ON BEHAVIOR AQUACULTURE AND BIOLOGY OF SEA	TURTLES VERTEBRATE AND AQUATIC ECOLOGY; RADIATI	644
ATEMENT PREPARATION PEREBGINE FALCON POPULATION RESEARCH	TURTLES AS INDICATORS OF ENVIRONMENTAL STRESS V	754
SYSTEMATIC HERPETOLOGY VARIATION IN SNAPPING	TURTLES CHELYDRA SP.	217
REPROD. DOMESTIC ANIMALS APPL. EGG TRANSFER IN INDOCTION	TWINS IN CATTLE ECOL. INFL. HEALTH RPPROD. WILD	614
ND BIOCHEMISTRY APPLIED TO CANCER RESEARCH INHIBITION CP	TWC-STAGE CARCINOGENESIS IN MOUSE SKIN EFFECT OF	632
E DIPTERA OF EGYPT TAXONOMY OF	TWO-WINGED FLIES (DIPTERA) AND MORPHOLOGY OF SAM	697
I BODY DATA ANALYSIS LTGHTSHIP DATA AND WEATHER E. COAST	U.S. AIR SEA INTERACTION METEOROLOGY AND PHYSIC	122
ADOR TREE IDENTIFICATION PREPARATION CP BOOKS AND MAPS	U.S. AND LATIN AMERICA TREE IDENTIFICATION PORES	438
LIVING RESOURCE MANGEMENT EFFECTS OF SURFACE MINING CN	U.S. FISH & WILDLIFE ACID MINE DRAINAGE ABATEMEN	677
AREAL OBSERVATION EST. WT. FLOUNDER DISCARDED AT SEA PY	U.S. FISHERMAN DESCRIBE COMM. FISH. PARAMETERS	535
ADMINISTRATION OF FORESTRY PROGRAMS; 10 YEARS CHIEF CP	U.S. FOREST SERVICE; 10 YEAR ASSISTANT CHIEF; 41	135
ISTRIBUTION ECOLOGY BEHAVIOR OF FISHES ZOOGEOGRAPHY EAST	U.S. FRESHWATER FISHES SURVEY RARE ENDANGERRRD F	369
NSULTANT BIOLOGISTS NEOTROPICAL ANGIOSPERM TAXONOMY; NE	U.S. LOCAL FLORA; CONN. TIDAL MARSHES STATE OF C	424
S. FRESHWATER FISHES SUPVEY RARE ENDANGERRED FISHES S.E.	U.S. FREIMPOUNDMENT SURV. POMP STORAGE PROJECT	369
TUNDRA ECOLOGY ENVIRONMENTAL MANAGEMENT IN COLD REGIONS	U.S. TUNDRA BIOME IBB COLD REGION ECOLOGY AND TE	92
MENTAL REPORT - NUCLEAR POWER PLANT ENERGY FLOW THROUGH	UCA PUGNAX POPULATION ECOLOGICAL SURVEY COASTAL	635
SALT MARSH ECOLOGY WITH EMPHASIS ON ENERGY FLOW THROUGH	UCA PUGNAX POPULATION ENVIRONMENTAL RPPORT - NYC	635
DUCTS IMMUNOFLECTROPHORSIS RESISTANT CANDIDA ALBICANS	ULTRACENTRIFUGATION YEAST CELLS IN GRADIENT ACRY	605
XPOSURE TO DDT BEHAVIORAL CHANGES IN FISH EXPOSED TO DDT	ULTRASTRUCTURAL CHANGES IN FISH EXPOSED TO DDT	768

TABLE 2 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

Y OF MARINE COCCOID FUNGI CELL BIOLOGY OF HAPLOSPORIDANS	544
RELAXED OCCURRENCE OF PROTOZOA TAXONOMY & PHYSIOLOGY OF	256
COLOROUS PROTOZOA REVIEW & NEW STUDIES IN MAMMOTH CAVE NY	256
CONSTRUCTION ON BOTTOMS EFFECT OF DREDGING ON OYSTER BEDS	444
PHYSICAL OCEANOGRAPHY	286
BIOLOGY AND MANAGEMENT OF FREE LIVING	149
POPULATION CHANGES ON WILDLIFE POPULATIONS AND FOOD HABITS OF	303
SYSTEMATICS OF FRESHWATER MOUSLES (MOLUSCA: BIVALVIA:	244
THEY ASSOC. CONOWINGO MUDDY RUN PROJECT MASS COOP FISHERY	226
LITTLE EGG INLET MARINE AND FRESHWATER FISHERIES IN NE	457
2 400 UNITS (ENV. IMPACT VAN PATTEN DEV. SEVERAL HUNDRED	252
STRIP MINING ON DEER AND GROUSE DEVELOPING SLIDE-LECTURE	605
TERRANEAN ENV. IMPACT OF SLEEP HOLLOW DEVELOPMENT (2 400	252
TROL RESEARCH ASSOCIATE RESEARCH OFFICER - PUNJAB AGRIC.	43
(ORIBATEI) LIFE HISTORY STUDIES TAXONOMY SABBATICAL -	633
PRIMARY BEHAVIOR DISORDERS WORKSHOP COMMUNITY CENTER FOR	120
THE BIOLOGY FEEDING OF DAPHNIA ON ALGAE OF DIFFERENT SIZES	126
MATHEMATICAL ECOLOGY OF FOREST SPECIES AGE STRUCTURE IN	506
TOWNSHIP COMPREHENSIVE PLAN REGIONAL SEWER & WATER PLAN	670
OFFSET MOVEMENTS OF PHEASANTS IN SOUTH DAKOTA ECOLOGY OF	568
GOOSE IN MAINE WILDLIFE ECOLOGY AND WILDLIFE MANAGEMENT	618
LIFE EFFECTS OF STRIP MINES ON WILDLIFE MANAGEMENT OF	482
LAND MANAGEMENT OF	725
DEER BASS GROSS BIOLOGICAL EFFECT OF OVERBOARD DISPOSAL IN	586
ECOSYSTEM MONITORING VIA AVIFAUNA AN. ECOSYSTEM ANALYSIS	130
CRINOLOGY REPRODUCTIVE ENDOCRINOLOGY OF FISHES TROUTS OF	624
AQUATIC ENTOMOLOGY POLLUTION OF	455
RESERVOIR OF OKWARI PARK SITE NY CT. NY BEHAVIORAL ECOLOGIST	130
KTOWN NY TRAINEE - METABOLISM OF DDT BY FRESHWATER ALGAE	578
FOLIAR FERTILIZATION ION STIM. ATPASE CONTROLLED NA AND K	510
SS ENGINEERING OIL SPILL SOURCE DETECTION BUBBLE INDUCED	630
SOIL SCIENCE INTERPRETATION OF SOILS IN	733
DIVERSITY MEASUREMENT HUDSON RIVER ECOLOGY TRACE ELEMENTS IN	204
EROSION CONTROL IN WATER COURSES AND SLOPES IN	764
CONF. ON GLOBAL ECOL. PROBLEMS TIE ADVISORY COUNCIL FOR	358
OILED WATERFOWL WILDLIFE ECOLOGY AND ITS APPLICATION TO	313
FOREST WOODY PLANTS IN URBAN SUBURBAN AND FOREST ECOSYSTEMS	664
WEST AREA EVALUATION HELICOPTER DELIVERY OF MEDICAL CARE	512
IN CT PESTICIDE CONTROL LEGISLATION FOR CT PEST CONTROL:	388
ECOLOGICAL WATERFOWL NEST PREDATION ECOLOGY OF URBAN WILDLIFE	738
Y AND MANAGEMENT OF BLACK BEAR AND WHITE-TAILED DEER AND	486
BE SPECIES ECOLOGY OF WATERFOWL NEST PREDATION ECOLOGY OF	738
ECOLOGICAL ROOT PATHOGENS PATHOLOGY OF WOODY PLANTS IN	664
LAND CHANGES AND EFFECT ON AVIFAUNA IN SPAIN EFFECT OF	71
A FROM LOW-LEVEL AERIAL DROPT RESEONSE OF DOUGLAS FIR TO	490
LOTION - AQUATIC SOLID WASTES (COMPOSTING) CONSULTANT -	107
STUDY PREHISTORIC HUMAN ECOLOGY OF	723
STRUCTURE FOREST INSECTS CHIEF OF FOREST INSECT RESEARCH	759
FOR BIRDS AND MAMMALS CORRELATION OF WILDLIFE IMPORTED IN	32
MENTAL CHEMICALS ORGANOCHEMICALS AND AVIAN REPRODUCTION	541
IMPORTATION OF PARASITES OF ALPHEA WEEVIL FROM EUROPE TO	200
ORTATION OF PARASITES OF OULEMA MELANOPUS FROM EUROPE TO	200
OCIATE UNIVERSITY OF CONNECTICUT RESEARCH COLLABORATOR	248
DROPT TO USA SEARCH FOR PARASITES OF OULEMA MELANOPUS IN	200
NTAL CHEMICALS ORGANOCHEMICALS AND AVIAN REPRODUCTION OF	541
ARP POPULATION BREEDING ECOLOGY OF RAPTOR POPULATIONS IN	660
ISEASES CHEMICAL RESIDUES IN LIVESTOCK NATIVE RODENTS IN	99
IN UTAH LIFE HISTORY AND ECOLOGY OF BIRDS AND MAMMALS OF	99
US HEPATITIS AND WATER QUALITY MERCURY AND THE FETUS "IN	161
AIR POLLUTION ECONOMIC EFFECTS OF AIR POLLUTION ON W.	631
USE & CARRIAGE MUSEUM IMPACT STUDY LITTLE KANAWHA R. W.	634
ION BIOLOGY EUTROPHICATION STUDY OF SMITH MOUNTAIN LAKE	324
CARE URBAN SYSTEMS ENGINEERING AND PLANNING SOUTHERN W.	512
ECOLOGY WITH EMPHASIS ON FRESHWATER FISHERIES NORTHEAST	569
TH MOUNTAIN LAKE VA. BIOLOGICAL SURVEY OF PETERS CREEK	324
ENCE EFFECT OF TEMPERATURE AND DIET ON GROWTH SCHOBARIE	163
-SOUTH MAMMOUTH REG. SEN. AUTH. ENV. ASSESSMENT ROCKAWAY	467
OD CONTROL PROJECT RARITAN CENTER DREDGING PROJECT ROUND	66
LINE ROUTE IMPACT TUCSON GAS & ELECTRIC STUDIES IN GILA	345
N TAXONOMY ZOOGEOGRAPHY BIOSURVEY OF THE SAN FRANCISCO	345
IMPACT STATEMENTS ENVIRONMENTAL IMPACT STATEMENT MOUNTING	48
ISLAND NORTHAMPTON CO. VIRGINIA EVALUATION OF NATURAL	310
F BROAD SPECTRUM PESTICIDES AND/OR THE SOCIO-ECOLOGICAL	482
OF SLEEP HOLLOW DEVELOPMENT (2 400 UNITS) ENV. IMPACT	252
DISPOSAL IN RHODE ISLAND SOUND CORRELATIONS BETWEEN ENV.	555
INE VOTE REVIEW 104 STATEMENT ON HIGHWAY I-88, NEW YORK	227
WATERWEEDS IN LAKES PHYSIOLOGICAL ECOLOGY OF ALGAE AND	306
ZOOECONOMIC STUDY OF VERONICA SPERMATOPHYTES	72
PLANTS OF MARYLAND WOODY PLANTS OF MARYLAND MARSH-TIDAL	83
OLOGICAL SURVEY-POWER PLANT SITES ECOLOGY AND TAXONOMY OF	83
NED ENTOMOLOGY WITH EMPHASIS ON DISEASE TRANSMISSION AND	755
HEALTH SEROEPIDEMIOLOGICAL SURVEY AT ARMY RESEARCH BASIS	454
S DEVELOPMENT PROTOZOOLOGY - PATHOGENIC FORMS AND THEIR	485
THE DEPOLLUTION AERIAL SENSING FOR EVALUATING: STRESS IN	592
ATE CROP INTERACTIONS EVAPORATIVE COOLING OF BORT. CROPS	677
ULTRASTRUCTURE OF JELLYFISH MUSCLE CONTRACTION	544
UNDERGROUND WATER PROTOZOA CAVERNICOLOUS PROTOZO	256
UNDERGROUND WATER PROTOZOA TEMPERATURE RELAXED O	256
UNDERWATER (USING SCUBA) ASSESSMENT OF COMMUNIT	444
UNDERWATER ACOUSTICS	286
UNGULATES	149
UNGULATES EFFECTS OF CUTTING ON DEER FOOD PRODUC	303
UNIONACEA) IDENTIFICATION OF FRESH-WATER MOLLUSK	244
UNIT CONNECTICUT RIVER PROJECT LIFE HISTORY OF	226
UNITED STATES; COLLECTION & ANALYSIS ECOLOGICAL	457
UNITS ENVIRONMENTAL IMPACT OF GRAND PROJECTS IN	252
UNITS ON WILDLIFE VOCALIZATIONS OF WOODCOCK AND	605
UNITS (ENV. IMPACT VAN PATTEN DEV. SEVERAL HUNDRE	252
UNIV. INDIA RESEARCH ALKALI BEE MANAGEMENT ECO	43
UNIV. MYSORE TOXOPLASMOSES ACAROLOGY SOIL MITE	633
UNMOTIVATED ADOLESCENTS SYSTEM ANALYSIS OF INDIV	120
UNPALATABILITY OF BUTTERFLIES TO BIRDS USE OF A	126
UNSTABLE ENVIRONMENTS AGE VARIATION IN GENETIC C	506
UPDATE LEASES LAKE RECREATIONAL HUNTING POTENTIAL	670
UPLAND AND BIG GAME ANIMALS GROSS CHANGES OF THE	568
UPLAND AND BIG GAME INFLUENCE OF DEER ON VEGETAT	618
UPLAND GAME ANIMALS EFFECTS OF HIGHWAYS ON WILDL	482
UPLAND GAME WATER POWL AND WHITE-TAILED DEER	725
UPPER CHESAPEAKE BAY - FISH BIOLOGICAL EVALUATIO	586
UPPER DIVISION COLLEGE HARRISBURG FLOOD CONTROL	130
UPPER KEEN RIVER BASIN CALIFORNIA FISH PHYSIOLO	624
UPPER TOMAWANDA CREEK	455
UPPER TROPIC LEVELS ECOSYSTEM MONITORING VIA AV	130
UPTAKE AND METABOLISM OF DDT & DIELDRIN BY MARIN	578
UPTAKE IN PLANTS DEVELOP. FOLIAR ANALYSIS PROG. PO	510
UPWELLING OF SEA WATER SPREADING AND MOVEMENT OF	630
URBAN AREAS	733
URBAN ATMOSPHERES ENVIRONMENTAL RADIOACTIVITY	204
URBAN DEVELOPMENT AREAS	764
URBAN ECOSYSTEMS STUDIES STEERING COMMITTEE OF D	358
URBAN ENVIRONMENTS AND PETROLEUM - ENVIRONMENTAL	313
URBAN METAL POLLUTION OF PLANTS AIR POLLUTION IN	664
URBAN SYSTEMS ENGINEERING AND PLANNING SOUTHERN	512
URBAN VERMIN CONTROL CLAY HILL VERMIN CONTROL PR	388
URBAN WATERFOWL POPULATIONS POPULATION DYNAMICS	738
URBAN WILDLIFE CATSKILLS NEW YORK BEAR STUDY AD	486
URBAN WILDLIFE URBAN WATERFOWL POPULATIONS POPO	738
URBAN SUBURBAN AND FOREST ECOSYSTEMS URBAN NET	664
URBANIZATION ON WATER STREAM QUALITY VEGETATIONA	71
URBA FERTILIZATION DYNAMICS OF DOUGLAS-FIR POPU	490
US ATTORNEY'S OFFICE SO. DIST. NEW YORK CONSULT	107
US DESERTS REESE RIVER ECOLOGICAL PROJECT	723
US FOREST SERVICE IMPACTS OF INSECTS ON FOREST E	759
US SYSTEMATICS OF ENDANGERED SPECIES SYSTEMATICS	32
US USSR ENVIRONMENTAL PROGRAM TOXIC SUBSTANCES A	541
USA SEARCH FOR AND IMPORTATION OF PARASITES OF	200
USA SEARCH FOR PARASITES OF OULEMA MELANOPUS IN	200
USFS HUBBARD BROOK SOIL PHYSICS AND PLANT PHYSI	248
USSR FOREIGN EXPLORATION FOR NATURAL ENEMIES OF	200
USSR ENVIRONMENTAL PROGRAM TOXIC SUBSTANCES ACT	541
UTAH POPULATION DYNAMICS HABITAT SELECTION AND	660
UTAH LIFE HISTORY AND ECOLOGY OF BIRDS AND MAMMA	99
UTAH LIFE HISTORY ECOLOGY AND MIGRATION OF PELA	99
UTERO" ENVIRONMENTAL BIOCHEMISTRY - HEAVY METAL	161
VA.	631
VA. DESIGN AND MANAGEMENT OF HISTORIC HOUSE MUS	634
VA. BIOLOGICAL SURVEY OF PETERS CREEK VA. WATER	324
VA. ENVIRONMENTAL HEALTH PLAN ROADSIDE REST AREA	512
VA. FISHERIES SURVEY PUBLIC FISHING LAKE FERTILI	569
VA. WATER POLLUTION STUDY ON THE SHENANDOAH RIVE	324
VALLEY ECOLOGICAL STUDY FISHERY SC	163
VALLEY REG. SEN. AUTH. ENV. ASSESSMENT PLANKTON	467
VALLEY RESERVOIR CONSTRUCTION PROJECT RESEARCH	66
VALLEY N.M. AVIAN EVOLUTION TAXONOMY ZOOGEOG	345
VALLEY N.M. WESTERN N.H. POWERLINE ROUTE IMPACT	345
VALLEY SUSQUEHANA RIVER PA EIS MAINTENANCE DR	48
VALDES OF A PORTION OF SEASHORE STATE PARK VIRG	310
VALUES OF WETLANDS EDITORIAL CONSULTANT ENVIRONM	482
VAN PATTEN DEV. SEVERAL HUNDRED UNITS ENVIRONME	252
VARIABLES AND MIGRATION POTENTIAL EFFECT OF POWE	555
VARIED RADIO TELEMETRY STUDY OF THE SAW-WHET OWL	227
VASCULAR AQUATIC PLANTS - MINERAL CYCLING ESTABL	306
VASCULAR FLORA OF CHESHIRE CO. NEW HAMPSHIRE	72
VASCULAR PLANTS ECOLOGICAL SURVEY-POWER PLANT SI	83
VASCULAR PLANTS OF MARYLAND WOODY PLANTS OF MARY	83
VECTOR BIOCONTROL ADAPTATION OF HUMAN MALARIA TO	755
VECTOR STUDIES ON MOSQUITOES & CHIKUNGUNYA VIRUS	454
VECTORS - MICROBULOPOLLUTION OF WATER WATER POL	485
VEG. LAND USE RECREATION AND NATURAL RESOURC	592
VEGETABLE PLANT POPULATIONS THERMAL WASTE IN NEA	677

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FINDINGS

ESHWATER MARSHES AND COASTAL ECOSYSTEMS ECOLOGY OF MARSH	94
IL FERTILITY VEGETATION, GROWTH, NUTRITION OF PEAT BOGS	171
IFE MANAGEMENT OPLAND AND BIG GAME INFLUENCE OF DEER ON	618
C) ECOLOGICAL SURVEY FOR FORESTRY AND WILDLIFE EFFECT OF	171
RIVERBANK VEGETATION ESTABLISH HIGH WATER MARK RIVERBANK	306
SITY AND STABILITY OF TROPICAL CRFP SYSTEMS INFLUENCE OF	595
- MINERAL CYCLING ESTABLISH HIGH WATER MARK IN RIVERBANK	306
NT TAXONOMY AND PLANT ECOLOGY PAST AND PRESENT FLORA AND	650
RECTOR VEGETATION SCIENCE AND	202
ATHRAL AREA SURVEY OF WASHINGTON DC METROPOLITAN REGION	710
ST CONTROL & VEGETATIVE MANAGEMENT FOREST PRODUCTIVITY;	186
L STUDIES ALPINE ARCTIC AND WOOD PLANT IDENTIFICATION	41
, BODEGA BAY, CA. MARINE BOTANY ECOLOGY FOREST	795
T ECOLOGY AS RELATED TO PLANT GEOGRAPHY AND PALEOECOLOGY	310
PAST AND PRESENT FLORA AND VEGETATION HACKENSACK MEADOWS	650
SYSTEMS BOTH FORMATION AND FLORA PATTERNS OF VEGETATION	178
RAL VALUES OF A PORTION OF SEASHORE STATE PARK VIRGINIA	310
NSPER IN PLANT SYSTEMS GROWTH REQUIREMENTS OF SALT MARSH	178
ER TECHNICAL ADVISOR DIRECTOR	349
IN AMERICA TAXONOMY OF RAINEFOREST CONIFERS GEOGRAPHY OF	202
VEGETATION SYSTEMS BOTH FORMATION AND FLORA PATTERNS OF	178
WILDLIFE EFFECT OF VEGETATION CHANGES ON SOIL FERTILITY	171
PAIN EFFECT OF URBANIZATION ON WATER STREAM QUALITY	71
N FOREDUCE CONSTRUCTION VEGETATIVE SHORELINE PROTECTION	800
ON SONGBIRD ATTRACTION INTEGRATED METHODS PEST CONTROL &	186
LINE PROTECTION SAND STABILIZATION FOREDUCE CONSTRUCTION	800
STERN NY POSSIBLE JET POPULATION TRYING TO KEEP CFP ECO	489
ESTICIDE CONTROL LEGISLATION FOR CT PEST CONTROL: URBAN	388
ION FOR CT PEST CONTROL: URBAN VERMIN CONTROL CLAY HILL	388
TS-RAYTHEON SURVEY OF SALT MARSHES-QUINCY MASSACHUSETTS	362
PESTICIDES EFFECT OF MIXED ON EARLY OLD-FIELD SUCCESSION	114
RE CO., NEW HAMPSHIRE BIOSYSTEMATIC STUDY OF	72
ANALYSIS REPRODUCTIVE PATTERN IN WILD MICE EXPERIMENTAL	78
CLIMATIZATION OF HS SPARROW TO COLD	40
ECTS ON BEHAVIOR AQUACULTURE AND ECOLOGY OF SEA TURTLES	644
MAMMALS OF PIEDMONT FORESTS ECOLOGICAL RELATIONSHIPS OF	118
CS IN FISH SEXUAL BEHAVIOR AND SOCIAL STRUCTURE IN FISH	473
COMPARATIVE VERTEBRATE ETHOLOGY-ALL	110
SSION CONTROL OF BIRD DEPREDDATION ON AGRICULTURAL CROPS	101
ONS AND WILDLIFE WILDLIFE RESOURCES, ST. LAWRENCE BASIN	762
H BIRD SOUND CASSETTES	714
ECOLOGY OF THE ZERRA IN EAST AFRICA	653
FRICAN EAGLES COMPARATIVE FEEDING ECOLOGY OF BLACKBIRDS	665
MAMM. PREDATORY BEHAVIOR COMPARATIVE	110
RO CIENEGAS BASIN MEXICO ECOLOGY OF CNEMIDOPHORUS TIGRIS	468
TION ON SMALL MAMMALS ENERGETICS OF PASSERINE NESTLINGS	65
ABITAT SELECTION AND USE TONISIAN PRESANARAN PROJECT	253
OMPETITION AND ECOLOGY ECOLOGICAL SURVEY OF TERRESTRIAL	215
AND ECOLOGY VERTEBRATES OF MASSACHUSETTS COASTAL ISLANDS	78
OGY AND CYTOGENETICS WITH EMPHASIS ON MAMMAL POPULATIONS	78
GENENT WARM-BLOODED	669
HYDUS HAENULAR LESIONS AND GNAWING IN RATS BEHAVIOR OF	148
LOGY AND SYSTEMATICS OF COASTAL AND INSULAR TERRESTRIAL	418
IATING EMBRYONIC SYSTEMS AND PHYSIOLOGICAL EMBRYOLOGY OF	102
N SENSITIVITY OF BIROS COMMUNITY ECOLOGY OF TERRESTRIAL	706
F GREAT PLAINS SKINK POPULATION ECOLOGY OF COLO-COLORED	295
LOGY OF LIMNETIC BLUEGILL FRY IMPACT OF DYOX ON AQUATIC	772
OLD FIELD SUCCESSION MAMMALIAN SYSTEMATICS AND ECOLOGY	758
LOGY SOCIAL BEHAVIOR OF	36
N IN NEUTOMA FLORIDANS SOCIAL BEHAVIOR ORGANIZATION OF	395
ARDS EVOLUTION COMPARATIVE POPULATION CYTOGENETICS OF	297
TINAMOUS SYSTEMATICS DISTRIBUTION AND LIFE HISTORY OF	32
GE ISLAND REPRODUCTION BIOLOGY OF THE OSPREY ECOLOGY OF	534
LITY MANAGEMENT COASTAL WATER QUALITY MONITORING NETWORK	348
EP ON SOIL FAUNA EFFECT OF PRESCRIBED FIRE ON SOIL FAUNA	480
Y OF LULUMARIA PRONDOSA INTRASPECIFIC VARIATION IN FOODS	390
DESIGN OF SEWAGE TREATMENT PLANT STRUCTURAL ANALYSIS OF	616
LYMPHOCYTES FROM AVIAN PLOOD BASIC SCIENCES RELATED TO	752
AM GLOSSITIS IN DOGS	691
STUDIES ON VIRGINIAMYCIN TISSUE RESIDUES & TOXICOLOGY OF	185
RESEARCH TURTLES AS INDICATORS OF ENVIRONMENTAL STRESS	754
ARNE COPEPODA REVIEW OF SPINOCALANTIDAE ARCTIC COPEPODA	170
PHYSIOLOGY AND ECOLOGY DNA SEQUENCE RELATIONSHIPS AMONG	686
DISEASES OF FISH MARINE PATHOLOGY IMMUNOLOGY OF FISCINE	796
VETERINARY PATHOLOGY MELIODOSIS IN DOGS IN VIETN	691
RY STUDY OF PURE AND ENDANGERED ANIMALS ECOSURVEY OF CAPE	540
ECOLOGY OF	789
AL PARK PANAMA WILDLIFF SURVEY ANGEADA ISLAND BRITISH	408
IN MARINE SCIENCE CALIFISH MANAGEMENT IN THE JAMES RIVER	413
LOGY OF ESTUARIES SURVEY OF ZOOPLANKTON OF EASTERN SHORE	86
ENVIRONMENTAL ANALYSIS OF THREE PLOODED DELTAWAYS WEST	654
ORE STATE PARK VIRGINIA VEGETATION OF PARRAMORE ISLAND	310
URCES THE TERRESTRIAL FAUNA OF THREE LAKE PROJECTS IN W.	169
H AND WILDLIFE SABINE RIVER DIVERSION PROJECT LOUISIANA	625
E ECOLOGY OF SYMBIOTIC CRICKET FROGS NEW WERTLE FOR WEST	47
VEGETATION	94
VEGETATION ANALYSIS AND MAPPING EFFECT OF ENVIR	171
VEGETATION BREEDING BEHAVIOR OF MALE WOODCOCK EC	618
VEGETATION CHANGES ON SOIL FERTILITY VEGETATION	171
VEGETATION CONTROL OF WATERWEEDS IN LAKES PHYSI	306
VEGETATION DIVERSITY ON INSECTS PESTICIDES INDUC	595
VEGETATION ESTABLISH HIGH WATER MARK RIVERBANK V	306
VEGETATION HACKENSACK MEADOWS VEGETATION OF HOUS	650
VEGETATION MANAGEMENT OWNER TECHNICAL ADVISOR DI	202
VEGETATION MANAGEMENT PLAN FOUR NATURAL AREAS US	710
VEGETATION MANAGEMENT; PLANT GEOGRAPHY; FOREST E	186
VEGETATION MAP SOUTHAMPTON NY FROM AIR PHOTOS E	41
VEGETATION MAP SUCCESSION OF ALGAE IN A TRANSECT	795
VEGETATION OF ROG ISLAND NORTHAMPTON CO. VIRGI	310
VEGETATION OF HOUSTON NEW TOWN SITE TEXAS WETLA	650
VEGETATION OF LATIN AMERICA TAXONOMY OF RAINEFOR	178
VEGETATION OF PARRAMORE ISLAND VIRGINIA PLANT	310
VEGETATION PHYSIOLOGY OF TORPGRASS UNDER STRESS	349
VEGETATION SCIENCE AND VEGETATION MANAGEMENT OWN	202
VEGETATION SYSTEMS BOTH FORMATION AND FLORA PATT	178
VEGETATION VEGETATION OF LATIN AMERICA TAXONOMY	178
VEGETATION GROWTH NUTRITION OF PEAT BOGS VEGE	171
VEGETATIONAL CHANGES AND EFFECT ON AVIFAUNA IN S	71
VEGETATIVE FOREDUCE CONSTRUCTION AND SHORELINE P	800
VEGETATIVE MANAGEMENT FOREST PRODUCTIVITY; VEGE	186
VEGETATIVE SHORELINE PROTECTION VEGETATIVE POPE	800
VEHICLES OUT OF POSTED & WILDLIFE AREAS SETTING	489
VERMIN CONTROL CLAY HILL VERMIN CONTROL PROJECT	388
VERMIN CONTROL PROJECT GOV. COM/DEVELOP ENVIRONM	388
VERMONT SOLID WASTE PLAN ENVIRONMENTAL WORK IN	362
VERNAL CAMBIAL ACTIVITY IN FOREST TREES ANALYSI	114
VERONICA SERPHYLLIFOLIA VASCULAR FLORA OF CHESHI	72
VERT. ECOLOGY AND CYTOGENETICS WITH EMPHASIS ON	78
VERTEBRATE ADAPTATIONS TO TEMPERATURE EXTREMES A	40
VERTEBRATE AND AQUATIC ECOLOGY; RADIATION ECOLOG	644
VERTEBRATE ANIMALS; ECOLOGY OF WETLAND ENVIRONME	118
VERTEBRATE BEHAVIOR AND ECOLOGY POPULATION ECOLO	473
VERTEBRATE CLASSES-ESP. MAMM. PREDATORY BEHAVIOR	110
VERTEBRATE ECOLOGY - EVOLUTIONARY PHYSIOLOGICAL	101
VERTEBRATE ECOLOGY AND HABITAT SELECTION BIRD PO	762
VERTEBRATE ECOLOGY AND PALEOECOLOGY FEEDPP RESEARC	714
VERTEBRATE ECOLOGY ECOLOGY OF CARIBOU POPULATION	653
VERTEBRATE ECOLOGY EVOLUTIONARY BIOLOGY AND BEHA	665
VERTEBRATE ETHOLOGY-ALL VERTEPRATE CLASSES-ESP.	110
VERTEBRATE FAUNA COLORADO NATL. MONUMENT REPROD	468
VERTEBRATE PHYSIOLOGICAL ECOLOGY AND POPULATIONS	65
VERTEBRATE POPULATIONS AND BEHAVIORAL ECOLOGY H	253
VERTEBRATE POPULATIONS LIZARD ECOLOGY SQUIRREL C	215
VERTEBRATE REMAINS IN INDIAN MIDDENS AVIAN POPUL	78
VERTEBRATE WATERSHED SURVEY CYTOGENETIC ANALYSIS	78
VERTEBRATE POPULATION ECOLOGY AND WILDLIFE MANA	669
VERTEBRATES - PARTICULARLY SOCIAL BEHAVIOR SOCIA	148
VERTEBRATES BIOGEOGRAPHY OF THE CAPE COD REGION	418
VERTEBRATES COLLEGE LABOR CONTRACTS FOR TEACHERS	102
VERTEBRATES IN TEMEPATE FORESTS BIRDS AND CATAP	706
VERTEBRATES LIFE HISTORY OF WEHRLES SALAMANDER E	295
VERTEBRATES MOVEMENTS OF DWARF SUCCYERS HOMING M	772
VERTEBRATES OF MASSACHUSETTS COASTAL ISLANDS VER	758
VERTEBRATES SOCIAL BEHAVIOR OF MARMOTS HUMAN ETH	36
VERTEBRATES BEHAVIORAL ECOLOGY OF MAMMALS SOCIA	395
VERTEBRATES BIOGEOGRAPHY COMP. POP. CYTOGENETIC	297
VERTEBRATES ESP. BIRDS AND MAMMALS COMPILATION	32
VERTEBRATES SPECIAL REFERENCE TO HABITAT ASSOCI	534
VERTICAL DISTRIBUTION COPEPODS - ARCTIC OCEAN M	348
VERTICAL MIGRATION OF SOIL FAUNA THE MICROFAUNA	480
VESICULOSUS SHALLOW MARINE ECHINODERM BIOLOGY-E	390
VESSELS EFFECTS OF TEMPERATURE AND TOXICITY ON P	616
VETERINARY MEDICINE EVALUATION OF HUMAN PREGNANC	752
VETERINARY PATHOLOGY MELIODOSIS IN DOGS IN VIETN	691
VETERINARY PRODUCTS BIOCHEMISTRY DRUG METABOLIS	185
VETERINARY SCIENCE AND ECOLOGY DEGREE CANDIDATE	754
VERTICAL DISTRIBUTION COPEPODA BJORD-LIKE BASIN	170
VIBRIC SPECIES MICROBIAL	686
VIBRIOSIS COMPARATIVE PATHOLOGY EMPHASIS ON	796
VIETNAM GLOSSITIS IN DOGS	691
VINCENT NEW YORK ECOLOGICAL SURVEY OF DEER LICK	540
VIRAL AND BACTERIAL ZOONOSES	789
VIRGIN ISLANDS ECOLOGY AND CONSERVATION ATITLAN	408
VIRGINIA PUBLIC EDUCATION	413
VIRGINIA PHYTOPLANKTON AND ZOOPLANKTON ECO	86
VIRGINIA AQUATIC MICROBIAL ECOLOGY ECOSYSTEMATI	654
VIRGINIA PLANT ECOLOGY AS RELATED TO PLANT GEOG	310
VIRGINIA SEARCH ANALYZE SYSTEMATIZ STUDY FAC	169
VIRGINIA CAPES ARTIFICIAL REEFS GREAT LAKES WATE	625
VIRGINIA COMPARATIVE HERPETOLOGY OF 2 FARM PONDS	47

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

PALAEOCOLOGICAL VEGETATION OF HOG ISLAND NORTHAMPTON CO.	VIRGINIA EVALUATION OF NATURAL VALUES OF A PORTI	310
R PROCESSING SURVEY CHEM. ASPECTS OF WATER QUALITY IN SE	VIRGINIA JAMES ESTUARY BENTHOS: SEDIMENT SIZE AN	332
D SMALL MAMMAL POPULATIONS FORESTS OF PRINCE EDWARD CO.	VIRGINIA POPULATION DYNAMICS OF SMALL MAMMALS	251
EITS AND REACTIONS FEEDING OF FISH IN BACK BAY REFUGE IN	VIRGINIA THERMAL POLLUTION IN TAMPA BAY IN FLORI	24
N OF NATURAL VALUES OF A PORTION CE SBASHORE STATE PARK	VIRGINIA VEGETATION OF PARRAMORE ISLAND VIRGINI	310
G SIMULATION IN FISH POPULATION STUDIES MARINE FISHES CF	VIRGINIA'S EASTERN SHORE POPULATION BIOLOGY AN	579
S OF A METHANE INHIBITOR IN CATTIE TOXICOLOGY STUDIES CN	VIRGINIAMYCIN TISSUE RESIDUES & TOXICOLOGY OF V	185
INARY PRODUCTS BIOCHEMISTRY DRUG METABOLISM RESIDUES CF	VIRGINIAMYCIN IN SWINE RESIDUES OF A METHANE INH	106
RESEARCH BASRS VECTOR STUDIES ON MCSQUITOES & CHIKUNGUNYA	VIRRCLOGY LYSOGENY IN BLUE-GREEN ALGAE	106
LEAD IN ONCOGENESIS IMMUNOLOGY AND PATHOLOGY OF ANIMAL	VIRUS MEDICAL ENTOMOLOGY ARBOVIROLOGY SEROLOGY	454
CY OF ANIMAL VIRUS DISEASES LYMPHOCTIC CHORIOMENINGITIS	VIRUS DISEASES LYMPHOCTIC CHORIOMENINGITIS VIRO	397
OLLUTION OHIO RIVER ALGAE ECOLOGY FERIFHYTIC DISCS ALGAL	VIRUS RESEARCH EFFECT OF LEAD IN ONCOGENESIS IM	397
CULTURE ASSAY OF WATER POLLUTANTS ELECTRON MICROSCOPY OF	VIRUSES	359
S ETC. FOR UNDER AND ABOVE WATER SPECIALIZED CHEMISTRY -	VIRUSES INHIBITOR OF RNA SYNTHESIS MAMMALIAN CE	219
SKAN WATERS BIOLOGICAL PRODUCTIVITY IN COOK INLET ALASKA	VITAMIN STUDY SOFT DRINK ADDITIVES STUDY - WATER	479
IN AQUATIC SYSTEMS AQUATIC PRODUCTIVITY GROWTH FACTORS	VITAMINS IN AQUATIC SYSTEMS AQUATIC PRODUCTIVIT	507
RCINOGENESIS CHEMICAL AND RADIATION RAT BREAST TUMORS IN	VITAMINS TOXINS SHEELFISH TOXICITY IN ALASKAN WA	507
MOULT AND PELAGE PATTERNS IN PHOCA	VITRO INDUCTION OF BREAST TUMORS RADIATION DOSE	638
DAM ON CHEAT RIVER POPULATION STUDY OF FRESHWATER SNAIL	VITULINA	707
ER AND GROUSE DEVELOPING SLIDE-LECTUPE UNITS ON WILDLIEE	VIVIPARUS GEORGIANUS SILICA CYCLE - NEW ENGLAND	673
ES AND IN LATIN AMERICA AND CARIBBEAN ECOLOGICAL SURVEY	VOCALIZATIONS OF WOODCOCK AND GROUSE ENVIRONMEN	606
TELEMETRY STUDY OF THE SAW-WHET OWL ECOLOGY OF THE PINE	VOICANC BARU PROPOSED NATIONAL PARK PANAMA WILD	408
DEMONSTRATION AREA	VOLE REVIEW 104 STATEMENT ON HIGHWAY I-88 NEW Y	227
AIR POLLUTION ECONOMIC EFFECTS OF AIR POLLUTION CN	VULNERABILITY TO AIRCRAFT MOVEMENTS GAME HABITAT	736
HOUSE & CARRIAGE MUSEUM IMPACT SIODY LITTLE KANAWHA R.	W. VA.	631
AL CARE URBAN SYSTEMS ENGINEERING AND PLANNING SOUTHERN	W. VA. DETSGN AND MANAGEMENT OF HISTORIC HOUSE	634
RESOURCES THE TERRESTRIAL FAUNA OF THREE LAKE PROJECTS IN	W. VA. ENVIRONMENTAL HEALTH PLAN ROADSIDE REST A	512
CONTROL OF AQUATIC INSECT PESTS MOSQUITOES CHIRONOMIDS	W. VIRGINIA SEARCH ANALYZE SYSTEMATIZE STUDY	169
NOMIDS W.H.O. CONSULTANT MOSQUITO CONTROL BY FISH AFRI	W.H.O. CONSULTANT MOSQUITO CONTROL BY FISH AFRI	46
EFFECTS ON FISH SEMEN ATLANTIC SALMON FREEZING EFFECTS CN	W.H.O. CONSULTANT MOSQUITO CONTROL BY FISH ASTA	46
GNIFICANCE OF DIATOMS ORGANIC COMPOSITION OF DIATOM CELL	WALLEYE SEMEN INTRODUCTION STRIPED BASS SAC PER	280
POLLUTION CONTROL ANADROMOUS TROUT MANAGEMENT ECOLOGY CF	WALIS PALEOLIMNOLOGY OF LAKE KIVU-CENTRAL AFRI	320
HYDRO-PLUC. RES. PISH STDDY	WARM WATER FISH IN NEW YORK RESPONSE OF FISH POP	277
POPULATION DYNAMICS OF FISH ECOLOGY CF	WARM WATER FISHES NORTHFIELD MT. PUMPED STORAGE	377
WILDLIFE MANAGEMENT	WARM WATER LAKES	230
AMICS AND KINETICS AIR PURIFICATION TRACE METALS IN LAKE	WARM-FLOODED VERTEBRATE POPULATION ECOLOGY AND	669
MUNITIES IN EASTERN NORTH AMERICA NATURAL AREA SURVEY CF	WASHINGTON LEAD IN COASTAL WATERS THERMODYN	25
WASTE DISPOSAL AIR POLLUTION PLASTICS STUDIES ON SOLID	WASHINGTON DC METROPOLITAN REGION VEGETATION MA	710
FACILITY IMPACT ON SOIL AND WATERSHED SOIL EVALUATION -	WASTE DISPOSAL AND INCINERATOR CORROSION SOLID	45
AND SALT MARSH ECOLOGICAL MODEL CE NARRAGASSETT BAY SOLID	WASTE DISPOSAL FOR CAMPGROUND SOIL DAMAGE ON LOG	157
HYDROTHERMAL SURVEY ESTUARY CIRCULATION WITH REGARDS TO	WASTE DISPOSAL IN THE OCEAN TOTAL SYSTEM STUDIE	528
NS SEWAGE SLUDGE DISPOSAL ON THE LAND MINERAL CYCLING E	WASTE DISPOSAL NORTHPORT NY HYDROTHERMAL SURVEY	143
ON SOLID WASTE DISPOSAL AND INCINERATOR CORROSION SOLID	WASTE DISPOSAL WASTEWATER IRRIGATION AND DISPOSA	192
S ECOTONE ECOLOGY OF SMALL MAMMALS ON IRON-TITANIUM MINE	WASTE DISPOSAL AIR POLLUTION PLASTICS STUDIES	45
ATER QUALITY IN ESTUARY NETWORKS SUBMERGED DIFFUSERS ECR	WASTE DUMPS IN THE ADIRONDACK MOUNTAINS THE BTOL	398
L-PLANT-ATMOSPHERE CONTINUUM THERMAL POLLUTION DISPOSING	WASTE HEAT DISPOSAL SALINITY INTRUSION IN ESTUAR	302
OLING OF HORT. CROPS VEGETABLE PLANT POPULATIONS THERMAL	WASTE HEAT TO SOIL REVEGETATION OF SPOIL AND REP	474
AND MAPPING SOIL INTERPRETATION LAND USE PATE OF ANIMAL	WASTE IN HEATING THE SOIL EVALUATION OF CLIMATE	609
RIENTS IN DIATOM POPULATION DYNAMICS TOXICITY OF SOIFITE	WASTE IN SOILS TROPICAL SOILS SOIL SURVEY SOIL	92
IL EXPLORATION ENVIRONMENTAL IMPACT ANAL. REGIONAL SOLID	WASTE LIGAOC TO R. TROUT FISH BIOASSAYS ACUTE	281
ANAL. REGIONAL SOLID WASTE MANAGEMENT JAMES RIVER BASIN	WASTE MANAGEMENT JAMES RIVER BASIN WASTE MANAGEM	776
CAL ECOLOGY & COMPREHENSIVE ENVIRONMENTAL PLANNING SOLID	WASTE MANAGEMENT PLAN ENVIRONMENTAL ENGINEERING	776
IN SANITARY LANDFILLS DECOMPOSITION OF CELLULOSE SOLID	WASTE MANAGEMENT PLAN BERKS COUNTY LOCAL GOVERN	385
ONMENTAL WORK IN EDUCATION POLLUTION ANALYSIS AND SOLID	WASTE MANAGEMENT REST AREA USAGE ACID AND GAS PR	808
ION POLLUTION ANALYSIS AND SOLID WASTE MANAGEMENT SOLID	WASTE MANAGEMENT SOLID WASTE MANAGEMENT STUDY-ST	362
ENTS & PLANT EFFLUENTS DESIGN INCINERATOR FOR BIO AGENIS	WASTE MANAGEMENT STUDY-STATE OF MASSACHUSETTS-RA	362
RVEY OF SALT MARSHES-QUINCY MASSACHUSETTS VERMONT SOLID	WASTE MANAGEMENT SYSTEM EFFLUENTS/RECYCLING MICR	402
TECHNOLOGY PROBLEMS WATER MANAGEMENT ALTERNATIVES SOLID	WASTE PLAN ENVIRONMENTAL WORK IN EDUCATION POL	362
DVC LIG. BOT. RESOURCE RECYCLING CONVERSION OF	WASTE TECHNOLOGY ANALYSIS STUDY AND SOLUTION	329
POLLUTION CONTROL WASTE TREATMENT USING BIO-DISC TANNERY	WASTE TO FUEL GAS ENVIRONMENTAL IMPACT STATEMENT	27
OF HYDROCARBONS ELEVATED TEMPERATURE EPPCT ON PETROLEUM	WASTE TREATMENT WATER	603
ERING RELATED TO INDUSTRIAL POLLUTION CONTROL INDUSTRIAL	WASTE TREATMENT BASIC AND APPLIED MICROBIOLOGY;	549
L BIOCHEMICAL DEGRADATION OF LIGNIN DEVELOPMENT OF NOVEL	WASTE TREATMENT - ALUMINUM ANODIZING TEXTILE	607
A STUDY SAFETY IN WASTE TRT. PLANTS BIOLOGICAL ASPECT CF	WASTE TREATMENT AERATOR DECOLORIZATION OF DYE PL	694
DIZING TEXTILE WASTE TREATMENT SYSTEM INDUSTRIAL LAUNDRY	WASTE TREATMENT EFFECT OF POLLUTANTS ON ENVIRONM	367
INDUSTRIAL WASTE TREATMENT - ALUMINUM ANODIZING TEXTILE	WASTE TREATMENT SYSTEM PROCESS ENGINEERING RELA	607
ITIONS MANUFACTURING WASTEWATER DESIGN AND OPERATION OF	WASTE TREATMENT SYSTEM INDUSTRIAL LAUNDRY WASTE	607
ATMENT	WASTE TREATMENT SYSTEMS AND RECEIVING WATERWAYS	572
NCEMENT OF NITRIFICATION WITH CLINOPTILOLITE BIOLOGICAL	WASTE TREATMENT USING BIO-DISC TANNERY WASTE TRE	603
MENT OF MINE DRAINAGE ROADSIDE REST AREA STUDY SAFETY IN	WASTE TREATMENT NITRIFICATION ALGAL ASSAY FIS	439
TE FORMATION IN HEATED WATER ORIGIN OF NITRITE IN HEATED	WASTE TRT. PLANTS BIOLOGICAL ASPECT OF WASTE TRE	367
LUTION AND LAND USE PLANNING AIR POLLUTION CONTROL FROM	WASTE WATER WATER QUALITY SURVEY ROLE OF TRACE	781
SPILL USE OF CLUDIFIED BED ELECTRODE TO CLEANUP PLATING	WASTE WOOD RECYCLING ADVICE TO AN ALUMINUM PRODU	434
AQUATIC LIFE BIOASSAY AND IN STREAM EFFECTS OF CHEMICAL	WASTES AIR AND WATER POLLUTION CONTROL REMOVAL	783
GT. IN CHESAPEAKE BAY WETLANDS ON LONG ISLAND INDUSTRIAL	WASTES EFFECTS OF INDUSTRIAL DISCHARGES UPON BE	8
K CONSULTANT - ECOLOGY, INC. POLLUTION - AQUATIC SOLID	WASTES PROBLEM ANALYSIS AND MANAGEMENT SOLUTION	811
ATMENT NITRIFICATION ALGAL ASSAY FISH BIOASSAY BRINE	WASTES (COMPOSTING) CONSULTANT - US ATTORNEY'S O	107
NG MILL ON STREAM POLLUTION IDENTIFICATION OF PAPER MILL	WASTES EVALUATION OF EFFECT OF 46 DYES ON FISH A	439
ICS FOLLOWING DISTURBANCES RECLAMATION OF DEEF MINE CCAL	WASTES FIBROUS CONTAMINANTS IN AIR PLANT MORPHO	263
YS OF MARINE INVERTEBRATES OIL EFFECTS ON MOLLUSCS COPPER	WASTES FOREST GROWTH NEAR COAL-BURNING POWER STA	354
S PURE WATERS PROGRAM STATE OF NEW YORK ROLE OF ANIMAL	WASTES IN MARINE ENVIRONMENT IODIDES IN NEMERTEA	449
DITY AND STLTATION ON AQUATIC LIFE EFFECTS OF PAPER MILL	WASTES IN WATER POLLUTION WATER QUALITY MANAGEM	344
MORPHOLOGY AND LAND USE THE EFFECT OF INDUSTRIAL ORGANIC	WASTES ON AQUATIC LIFE EFFECTS OF POLLUTION ON	38
DISPOSAL TREATABILITY OF VARIOUS MUNITIONS MANUFACTURING	WASTES ON THE PHYSICAL AND CHEMICAL PROPERTIES O	803
	WASTEWATER DESIGN AND OPERATION OF WASTE TREATM	572

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TAL INTERACTIONS WITH PROTEINS CHLORINATED ORGANICS FROM	WASTEWATER DISINFECTION INFECTIONOUS HEPATITIS AND	161
EXPENDITURE ANALYSIS ENVIRON IMPACT - TERRESTRIAL ECOLO	WASTEWATER DISP. RESOURCE ECONOMICS ESPECIALLY	231
SPOCAL ON THE LAND SLUDGE DISPOSAL ON THE LAND SOILS FOR	WASTEWATER DISPOSAL PHYSICAL AND CHEMICAL PHENO	383
WATER DISPOSAL PHYSICAL AND CHEMICAL PHENOMENA IN SOILS	WASTEWATER DISPOSAL ON THE LAND SLUDGE DISPOSAL	383
OLOGICAL EFFECTS OF PRESCRIBED FIRE WILDLIFE RESPONSE TO	WASTEWATER IRRIGATION WILD ANIMAL POPULATION-HA	797
E DISPOSAL ON THE LAND MINERAL CYCLING & WASTE DISPOSAL	WASTEWATER IRRIGATION AND DISPOSAL NUTRIENT CYCL	192
BIOMASS AND ACTIVITY BIOLOGICAL TREATMENT OF RESORCINOL	WASTEWATER PHYSICAL-CHEMICAL TREATMENT OF OIL-BA	85
OT RUNOFF REPLENT EVALUATION OF RAPID INFILTRATION PECS	WASTEWATER STUDIES FOR MERRIMACK RIVER & BOSTON	610
WITH BIOLOGICAL PROCESSES PURE OXYGEN USE IN BIOLOGICAL	WASTEWATER TREATMENT DENITRIFICATION OF CONCENTR	371
EWATER TREATMENT DENITRIFICATION OF CONCENTRATED NITRATE	WASTEWATERS WATERFRONT TRANSPORTATION AND ENVIRO	371
ENTS FISH AND POLLUTION MERCURY IN FISH AND PLANKTON AND	WATER FISH SENSORY SYSTEMS AS RELATED TO DIFFER	102
OL WASTEWATER PHYSICAL-CHEMICAL TREATMENT OF OIL-BALLAST	WATER WATER POLLUTION CONTROL - PHYSICAL CHEMI	85
INE ALGAE PERSISTENCE OF DICHLOROBENIL & ENDOTHALL IN POND	WATER & HYDROSOIL INTERACTIONS OF ENVIRONMENTAL	578
YSIOLOGY MEASUREMENT OF WATER STRESS IN PLANTS SALT AND	WATER ABSORPTION EFFECT OF FLOODING ON SWAMP FOR	403
EVATION OF FOOD WITHOUT REFRIGERATION FREEZE DRYING FOOD	WATER ACTIVITY AND FOOD PRESERVATION REVERSIBLE	79
QDEHANNA RIVER POPULATIONS ECOLOGY SYSTEMATICS OF FRESH	WATER ALGAE FRESH WATER ALGAE IN NORTH CAROLINA	627
PLAGELLATE LUMINES CENCE ANALYSIS OF PRODUCTIVITY FRESH	WATER ALGAE IN NORTH CAROLINA PHYTOPLANKTON OF D	627
ANALYTICAL CHEMISTRY OXIDATION - REDUCTION OF POFPHINS	WATER ALSO REMOTE SENSING SHALLOW MARINE AUTOMAT	390
NTROL PROJECT ECOLOGY AND POPULATION DYNAMICS OF FRESH	WATER ANALYSIS	410
RYEY AQUATIC INVERTEBRATE EMBARRAS RIVER ILLINOIS FRESH	WATER AND ESTUARINE FISHES POPULATION DYNAMICS O	734
ECOL - WASTEWATER DISP. RESOURCE ECONOMICS ESPECIALLY	WATER AND ESTUARINE INVERTEBRATES THERMAL DISCHA	339
ER QUALITY ENVIRONMENTAL POLLUTION AS IT RELATES TO AIR	WATER AND FISHERIES BIOLOGICAL IMPLICATIONS ECON	231
ENTS TRACE METALS IN HUMAN TISSUES ORGANIC CHEMISTRY OF	WATER AND LAND QUALITY BIOLOGICAL IMPACT OF PEST	652
Y HEAVY METAL BENTHIC HEAVY METAL TOXICITY TOWARD FRESH	WATER AND SEDIMENTS AMINO ACID GEOCHEMISTRY OF M	766
IC CHEMISTRY INTERACTION OF INORGANIC PHOSPHATE AND SEA	WATER AQUATIC COMMUNITIES ACUTE TOXICITY HEAVY M	576
IN DESERT MAMMALS RENAL DEVELOPMENT IN NEONATAL MAMMALS	WATER ATMOSPHERIC CHEMISTRY MARINE AND ATMOSPHE	460
AND WATER BALANCE OF MUTANT EXTRA-RENAL ELECTROLYTE AND	WATER BALANCE IN BATS FROM XERIC HABITATS WATER	343
N BROOK TROUT AT LOW PH SALT GLAND OF SEA SNAKES ION AND	WATER BALANCE IN FISH REPTILES AND AMPHIBIA AND	530
IRONMENTAL - NON-TOXIC FUNGI AND MILDEW RESISTANT -	WATER BALANCE OF MUTANT EXTRA-RENAL ELECTROLYTE	530
EMICAL SYSTEMATICS SDBLETHAL EFFECTS OF BALTIMORE HARBOR	WATER BASED POXIES SPECIALIZED ENVIRONMENTAL CO	479
CENTRIFUGATION OF SUSPENDED AND COLLOIDAL PARTICLES IN	WATER BIOCHEMICAL DETERMINATION OF STRIPPED BASS	498
MALACOLOGY ANATOMY IMMUNOLOGY SYSTEMATICS MFKONG	WATER BIOPHYSICAL LIMNOLOGY REAERATION OF CHEROK	409
D THEIR IDENTIFICATION LONG TERM RESEARCH ON LARVAL FISH	WATER BCRNE DISEASES	173
PHYTOPLANKTON COMPOSITION AND DIVERSITY RELATIVE TO	WATER CHEMISTRY THE STUDY OF FRESHWATER LARVAL	668
INHIBITORS POLYELECTROLYTES FOR POLLUTION CONTROL RAW	WATER CHEMISTRY RESEARCH ASSISTANT	201
ION AND INDUSTRIAL PROCESSING PRIMARY COAGULANTS FOR RAW	WATER CLARIFICATION AND INDUSTRIAL PROCESSING PR	794
WATER QUALITY MANAGEMENT WATER POLLUTION PANEL NATIONAL	WATER CLARIFICATION FLOCCULANTS FOR INDUSTRIAL A	794
IC MATTER ASSOCIATIONS IN SEAWATER ORGANIC MATTER IN SEA	WATER COMMISSION ANALYSIS PURE WATERS PROGRAM ST	344
EAS EROSION CONTROL IN	WATER CONFORMATION OF ADSORBED PROTEINS ORGANIC	751
SCALLOP GROWTH AQUACULTURE OF MARINE SUSPENSION-FEEDERS	WATER COURSES AND SLOPES IN URBAN DEVELOPMENT AR	764
DELS QUANTITATIVE ECOLOGY OF NORTH ATLANTIC FLORA BOTICH	WATER CURRENT AND SCALLOP GROWTH FOOD CONCENTRAT	396
EVALUATION OF IMPACT OF	WATER CURRENTS IN N.Y. BIGHT MARINE PHYTOPLANKT	591
ON NATURAL RESOURCES NATDPAL SCIENTIST IN THE FIELD OF	WATER DEVELOPMENT ON NATURAL SYSTEMS	314
IOLOGIST - CONNECTICUT RIVER ECOLOGICAL STUDY EFFPCTS OF	WATER DEVELOPMENT PLANNING POLLUTION INVESTIGATI	509
VIROMENTAL AND NATURAL SYSTEMS QUANTITATIVE METHODS FOR	WATER DIVERSIONS IN CONN. RIVER BENEFIT-COST ANA	456
NATAL MAMMALS WATER BALANCE IN BATS FROM XERIC HABITATS	WATER DUAL MONITOR DESIGN NAVY ENVIRONMENTAL PRO	50
TION CONTROL ANADROMOUS TROUT MANAGEMENT ECOLOGY OF WARM	WATER ECONOMY OF DESERT MAMMALS SPECIAL EMPHASI	343
OP MARINE PRODUCTS MARINE AND FRESH	WATER FISH IN NEW YORK RESPONSE OF FISH POPULATI	277
-ELEC. RES. FISH STUDY RESEARCH & MANAGEMENT OF WARM	WATER FISHES MARINE CAREERS OCEAN SCIENCE WORKSH	269
LAND MANAGEMENT FOR UPLAND GAME	WATER FISHES NORTHFIELD MT. PUMPEE STOPAGE HYDRO	377
MANAGEMENT WATERFOWL AND ASSOC. IN BRA KISH AND FRESH	WATER FOWL AND WHITE-TAILED DEER	725
STRUCTURE OCEAN'S THERMAL STRUCTURE STUDIES LAND USE AND	WATER HABITATS FOR PEOPLE	136
POPULATION DYNAMICS OF FISH ECOLOGY OF WARM	WATER INTERRELATIONSHIPS OCEAN AND LAKE DYNAMIC	111
ADEN MIGRATIONS MANRADEN PARASITES EFFECTS OF FLUCUATING	WATER LAKES	230
T LOUISIANA VIRGINIA CAPES ARTIFICIAL REEPS GREAT LAKES	WATER LEVELS FISHERIES AND AQUATIC BIOLOGY MANH	405
ND SOLUTION OF COMPLEX ENVIRONMENTAL TECHNOLOGY PROBLEMS	WATER LEVELS STUDY IMPACT ASSESSMENT OF WATER R	625
Y ECOLOGY MARSHLANDS AND COASTAL IMPOUNDMENTS OPEN MARSH	WATER MANAGEMENT ALTERNATIVES SOLID WASTE TECHNO	329
ANS ECOLOGICAL SIGNIFICANCE OF COASTAL WETLANDS SHALLOW	WATER MANAGEMENT WETLANDS ECOLOGY WETLANDS ECOL	216
IOR AND EVOLUTION OF FRESHWATER ESTUARINE AND SHALLOW	WATER MARINE & ESTUARINE ECOLOGY MARINE AMPHIPOD	159
VASCULAR AQUATIC PLANTS - MINERAL CYCLING ESTABLISH HIGH	WATER MARINE FISHES OLDMAN'S CREEK MARSH STUDY CO	233
H HIGH WATER MARK IN RIVERBANK VEGETATION ESTABLISH HIGH	WATER MARK IN RIVERBANK VEGETATION ESTABLISH HIG	306
Y REAERATION OF CHEROKEE RESERVOIR BACTERIAL DISEASES OF	WATER MARK RIVERBANK VEGETATION CONTROL OF WATER	306
ECOLOGY OF AQUATIC FUNGI ACTIVITY OF	WATER MILPOIL DENSITY-GRADIENT CENTRIFUGATION	409
TER MONITOR DEVELOP SULFUR IN AIR MONITOR DEVELOP OIL IN	WATER "OLDS IN A LAKE	134
ODS AND INSTRUMENTS FOR POLLUTANTS DEVELOP PHOSPHORUS IN	WATER MONITOR DEVELOPMENT OF AIR AND WATER MONI	565
TOR DEVELOP OIL IN WATER MONITOR DEVELOPMENT OF AIR AND	WATER MONITOR DEVELOP SULFUR IN AIR MONITOR DEVE	565
OF REMOTE SENSING TO STUDY PHYTOPIANKTON COMMUNITIES AND	WATER MONITORING METHODS AND INSTRUMENTS FOR POL	565
COUNTY ESTUARINE ECOLOGY AND POLLUTION CONTROL SURFACE	WATER MOVEMENT AERIAL PHOTOGRAPHIC STUDY OF MOUT	115
TY AND LICENSING BOARD CHEMISTRY OF SEA	WATER MOVEMENTS IN NEW YORK HARBOR BIOTA OF MANH	240
TALS IN MICROBIAL METABOLISM NITRITE FORMATION IN HEATED	WATER OCEAN RESOURCES NEW YORK BIGHT ATOMIC SAFE	443
EIOLOGICAL NUTRITIONAL REQUIREMENTS OF MARINE AND FRESH	WATER ORIGIN OF NITRITE IN HEATED WASTE WATER WA	781
TIC STUDY OF CEDAR BOG OHIO ENVIRONMENTAL ANALYSIS OF A	WATER PHYTOPLANKTON AND THEIR ECOLOGY SURVEY-MAR	196
PLAINFIELD TOWNSHIP COMPREHENSIVE PLAN REGIONAL SEWER &	WATER PLAN ENVIRONMENTAL ANALYSIS OF THREE PROPO	654
CNS ON NUTRITION DUMP SITES TRACE ELEMENT STUDIES ON DEEP	WATER PLAN UPDATE LEASEE LAKE RECREATIONAL HUNT	670
SYNTHESIS MAMMALIAN CELL CULTURE CELL CULTURE ASSAY OF	WATER PLANKTON ENVIRONMENTAL CONDITI	340
ATERS PROGRAM STATE OF NEW YORK ROLE OF ANIMAL WASTES IN	WATER POLLUTANTS ELECTRON MICROSCOPY OF VIRUSES	219
WASTEWATER STUDIES FOR MERRIMACK RIVER & BOSTON HARBOR	WATER POLLUTION WATER QUALITY MANAGEMENT WATER	344
CTS GEOLOGICAL IMPLICATIONS OF THE MCGUIRE NUCLIFAR PLANT	WATER POLLUTION ABATEMENT AND PLANT RESPONSE GRA	610
RS CONTINGENCY PLAN FOR SUMMIT & FAXSON LAKES LIMNOLOGY	WATER POLLUTION AND GENETIC DEFECTS ENVIRONMENT	9
REEK, VA. WATER POLLUTION STUDY ON THE SHENANDOAH RIVER	WATER POLLUTION BIOLOGY CHEMISTRY BENTHIC FAUNA	518
EWATER PHYSICAL-CHEMICAL TREATMENT OF OIL-BALLAST WATER	WATER POLLUTION BIOLOGY EUTROPHICATION STUDY OF	324
CE ADMINISTRATION; SCIENTIFIC WRITING MEMBER PRESIDENT'S	WATER POLLUTION CONTROL - PHYSICAL CHEMICAL AN	85
- POLLUTION THE USE OF MODEL ECOSYSTEMS FOR THE STUDY OF	WATER POLLUTION CONTROL ADVISORY BOARD SPA CONN	112
ODIZED BED ELECTRODE TO CLEANUP PLATING WASTES AIR AND	WATER POLLUTION CONTROL OF ALGAL POLLUTION PLAN	84
	WATER POLLUTION CONTROL REMOVAL OF IRON FROM ACI	783

TABLE 3 - PESFARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TATEMENT ON HYDROELECTRIC PROJECT FUEL ENERGY AIR AND	WATER POLLUTION CONTROL SOLVENT REFINED COAL ENV	372
FOR AEROSOLS SYNTHESIS AND APPLICATIONS OF POLYMERS FOR	WATER POLLUTION CONTROL SYNTHESIS OF FLOCCULANTS	60
O-DISC TANNERY WASTE TREATMENT	WATER POLLUTION CONTROL WASTE TREATMENT USING BI	603
S WATERFRONT TRANSPORTATION AND ENVIRONMENTAL RESOURCES	WATER POLLUTION CONTROL WITH BIOLOGICAL PROCESSE	371
OF NUISANCE MICROORGANISMS	WATER POLLUTION CONTROL WITH EMPHASES ON CONTROL	767
TIC DISCS ALGAL VIRUSES	WATER POLLUTION OHIO RIVER ALGAE ECOLOGY PERIPHY	359
IMAL WASTES IN WATER POLLUTION WATER QUALITY MANAGEMENT	WATER POLLUTION PANEL NATIONAL WATER COMMISSION	344
RVEY OF THE CLARION AND TIONESTA RESERVOIRS CONSULTANT -	WATER POLLUTION PROBLEMS - PUBLIC SERVICE AQUAT	495
IAL PHYSIOLOGY AND BIOCHEMISTRY I HOPE TO APPLY THIS TO	WATER POLLUTION STUDIES ON THE AUTOLYTIC ENZYMES	648
OUNTAIN LAKE VA. BIOLOGICAL SURVEY OF PETERS CREEK VA.	WATER POLLUTION STUDY ON THE SHENANDOAH RIVER W	324
C FORMS AND THEIR VECTORS - MICROBIOLOGICAL POLLUTION OF	WATER POLLUTION SURVEILLANCE - BEACH RES. FOR AN	485
KARST AQUIFERS KARST AND CAVE HYDROLOGY AND GEOLOGY;	WATER POLLUTION ESPECIALLY MINE DRAINAGE AND IN	573
HEM STUDY OF THE ROCK CREEK WATERSHED SURFACE POLLUTION;	WATER POLLUTION; BACT. ORGANIC AND SEDIMENT CON	688
AND ANALYTICAL CHEMISTRY OF NATURAL AND POLLUTED WATERS.	WATER PROCESSING SURVEY CHEM. ASPECTS OF WATER Q	332
EMOTE SENSING SHALLOW MARINE AUTOMATED ANALYSIS OF FRESH	WATER PRODUCTIVITY REMOTE SENSING SHALLOW MARINE	390
RENCE OF PROTOZOA TAXONOMY & PHYSIOLOGY OF UNDERGROUND	WATER PROTOZOA CAVERNICOLOUS PROTOZOA REVIEW & N	256
ZONA REVIEW & NEW STUDIES IN MAHCATH CAVE KY UNDERGROUND	WATER PROTOZOA TEMPERATURE RELAXED OCCURRENCE OF	256
TICIDES PUGET SOUND WATER QUALITY EFFECTS BELLINGHAM BAY	WATER QUALITY ENVIRONMENTAL POLLUTION AS IT REL	652
S ON PRIM PROD TACONITE DUMPING LAKE SUPERIOR ECOLOGICAL	WATER QUALITY ANALYSES RIVERS-LAKES POPULATION	387
CRUSTACEANS, FISH) ENVIRONMENTAL SPECIALIST EFFECTS OF	WATER QUALITY AND QUANTITY ON ANIMALS (MAINLY MO	166
Y PHYTOBAC MARINE MICROBIOLOGY - PHYTOPLANKTON TAXONOMY	WATER QUALITY AND SEDIMENT ANALYSIS MICROBIOLOGY	113
CHEMISTRY AND CLAY MINERALOGY MINE SPOIL POTENTIALS FOR	WATER QUALITY AND SOIL EROSION MINERAL NUTRITION	649
T ROYAL ESTUARINE STUDY LAKE SEBASTICOOK EUTROPHICATION	WATER QUALITY AND WATER SUPPLY PROTECTION CHARAC	393
L ZONE ENVIRONMENTAL STUDIES ASSESSMENT AND EVALUATION	WATER QUALITY CRITERIA 1972 TELL EL HESI ARCHEOL	588
Q TWO MATHEMATICAL MODELS OF PLANKTON-ALGAE FOOD CHAIN	WATER QUALITY CRITERIA LAKE RESTORATION WATER	75
GAE FOOD CHAIN WATER QUALITY CRITERIA, LAKE RESTORATION	WATER QUALITY CRITERIA; PLANKTON POPULATION MODE	75
LAND QUALITY BIOLOGICAL IMPACT OF PESTICIDES PUGET SOUND	WATER QUALITY EFFECTS BELLINGHAM BAY WATER QUALI	652
GH MANURE RATES ON SOILS AND CROPS EFFECT OF LAND USE ON	WATER QUALITY EFFECTS OF FERTILIZERS AND MANURE	765
THERMAL EFFECTS STUDIES ALGAL ASSAY EVALUATION	WATER QUALITY EVALUATION PRE-IMPONUMENT STUDIES	769
QUALITY; THERMAL POLLUTION; SALINITY INTRUSION TRANSIENT	WATER QUALITY IN ESTUARY NETWORKS SUBMERGED DIFF	302
OLLUTED WATERS. WATER PROCESSING SURVEY CHEM. ASPECTS OF	WATER QUALITY IN SE VIRGINIA JAMES ESTUARY BENTH	332
N.E. MO. LIFE HISTORY OF THE EMERALD SHINER IN SOL. DAF.	WATER QUALITY INVESTIGATIONS IMPACT OF MINING ON	242
RK VERTICAL DISTRIBUTION COREFOODS - ARCTIC OCEAN MARINE	WATER QUALITY MANAGEMENT COASTAL WATER QUALITY M	348
IE OF NEW YORK ROLE OF ANIMAL WASTES IN WATER POLLUTION	WATER QUALITY MANAGEMENT WATER POLLUTION PANEL N	344
CS FROM WASTEWATER DISINFECTION INFECTIOUS HEPATITIS AND	WATER QUALITY MERCURY AND THE FETUS "IN UTERO"	161
- ARCTIC OCEAN MARINE WATER QUALITY MANAGEMENT COASTAL	WATER QUALITY MONITORING NETWORK VERTICAL DISTRI	348
ATION OF WASTE TREATMENT SYSTEMS AND RECEIVING WATERWAYS	WATER QUALITY MONITORING PROGRAM FOR OCCOQUAN WA	572
PSHORE OIL AND NEW ENGLAND: BIOLOGICAL EFFECTS DESIGN CP	WATER QUALITY MONITORING SYSTEMS ASSESSMENT OF	497
VESTIGATIONS IMPACT OF MINING ON OZARK HEADWATER STREAMS	WATER QUALITY OF 3 RIVER BASIN IN N.E. MO. LIFE	242
COVE POINT BENTHIC STUDY EFFECTS OF THERMAL LOADING AND	WATER QUALITY ON ESTUARINE ONE DEGREE PRODUCTION	300
SH HABITAT FOR CORPORATION WATERSHED MONITORING SYSTEM -	WATER QUALITY OUTDOOR EDUCATION LABORATORY AVIA	212
PPLY PROTECTION CHARACTER OF NATURAL WATERS & POLLUTANTS	WATER QUALITY PROTECTION & SUPPLY PROGRAM PORT R	393
SPECIALLY NERVOUS SYSTEMS NEUROPHARMACOLOGY OF PYRTHRINUM	WATER QUALITY STUDIES RESERVOIR SYSTEMS MASSACH	104
M WATER QUALITY STUDIES RESERVOIR SYSTEMS MASSACHUSETTS	WATER QUALITY STUDIES RIVERINE SYSTEMS MASS. P	104
IN HEATED WATER ORIGIN OF NITRITE IN HEATED WASTE WATER	WATER QUALITY SURVEY ROLE OF TRACE METALS IN MI	781
TER LIFE HISTORIES OF FRESH-WATER FISHES CRANBERRY LAKE	WATER QUALITY SURVEY FIRST-YEAR GROWTH ALEWIFE L	211
ON IN ESTUARINES MATHEMATICAL MODELS; RIVER AND ESTUARY	WATER QUALITY; THERMAL POLLUTION; SALINITY INTRU	302
AND VARIATION IN SEDIMENTS AND ESTUARIES ANALYSIS OF SEA	WATER REGIONAL VARIATIONS IN MAJOR IONS MEMBRANE	453
N LOGGED AREAS OF NEW YORK SOIL SCIENCE APPLIED TO TREE	WATER RELATION; MANS IMPACT; AND LAND USE PLANNI	157
TABOLISM & TEMPERATURE REGULATION PHYSIOLOGICAL ECOLOGY	WATER RELATIONS OF DESERT ANTELOPES ENERGETICS O	716
PATTERNS OF SOIL MOISTURE DEPLETION IN OAKS FOREST SOIL	WATER RELATIONS REGENERATION FOLLOWING CUTTING I	81
TER ABSORPTION EFFECT OF FLOODING ON SWAMP FOREST PLANT	WATER RELATIONS; TREE PHYSIOLOGY MEASUREMENT OF	403
LIFE ECOLOGICAL STUDIES ECOLOGICAL STUDY OF DESERT QUAIL	WATER RESOURCE MANAGEMENT WILD	33
ENT TRANSFORMATION OF PASTORAL MASAI IN KENYA PRICING IN	WATER RESOURCE MANAGEMENT ECONOMICS AND POLICY	175
AKE RECREATIONAL HUNTING POTENTIAL LAND USE AND GENERAL	WATER RESOURCE PLANNING; HABITAT MANAGEMENT FOR	670
EE CHESAPEAKE BAY AND TRIBUTARIES EVALUATING EFFECTS OF	WATER RESOURCE PROJECTS ON FISH AND WILDLIFE RES	522
EMENT TROUT POND MANAGEMENT REPORTING ON THE EFFECTS OF	WATER RESOURCE PROJECTS UPON FISH AND WILDLIFE P	96
R POLLUTION STUDIES ENVIRONMENTAL POLLUTION CONTROL AND	WATER RESOURCES MANAGEMENT ENVIRONMENTAL PLANNIN	6
EPS GREAT LAKES WATER LEVELS STUDY IMPACT ASSESSMENT OF	WATER RESOURCES PROJECTS ON FISH AND WILDLIFE SA	625
POLLUTION; BACT. ORGANIC AND SEDIMENT CONTAMINATION OF	WATER SEDIMENTATION & HYDROLOGY STUDY OF UNIVERS	688
FLOUENT IN LAKE WATER SUPPLIES STRIP MINE RUNOFF IN PARK	WATER SHED FEEDING ECOLOGY OF FISH IN STREAM EC	750
GS FOR SHIPS BUILDINGS METALS ETC. FOR UNDER AND ABOVE	WATER SPECIALIZED CHEMISTRY - VITAMIN STUDY SOFT	479
L SPILL SOURCE DETECTION BUBBLE INDUCED UPWELLING OF SEA	WATER SPREADING AND MOVEMENT OF OIL SPILLS FOOD	630
EFFECT ON AVIFAUNA IN SPAIN EFFECT OF URBANIZATION ON	WATER STREAM QUALITY VEGETATIONAL CHANGES AND BY	71
ECOLOGY ECOPHYSIOLOGY AND PLANT DISTRIBUTION DESERT SHRUB	WATER STRESS GROWTH RESPONSE OF SALT MARSH GRASS	298
METEOLOGY ESPECIALLY EVAPOTRANSPIRATION AND SNOWMELT	WATER STRESS IN HARDWOOD TREES SNOWMELT IN HARDW	214
T PLANT WATER RELATIONS; TREE PHYSIOLOGY MEASUREMENT OF	WATER STRESS IN PLANTS SALT AND WATER ABSORPTIO	403
FERTILIZER IN FIELD AND CONTAINER CROP PRODUCTION PLANT	WATER STUDIES PRESERVATION OF PLANT WATER WITH A	179
LENTIC AND LOTIC ENVIRONMENTS DOMESTIC EFFLUENT IN LAKE	WATER SUPPLIES STRIP MINE RUNOFF IN PARK WATER	750
INFLUENCE OF FORESTS ON ENVIRONMENT MICROCLIMATE AND	WATER SUPPLY CHEMICAL TEMPERATURE INTEGRATION MI	421
STUDY LAKE SEBASTICOOK EUTROPHICATION WATER QUALITY AND	WATER SUPPLY PROTECTION CHARACTER OF NATURAL WA	393
CTS OF DYLOX ON BENTHIC MACROFAUNA EFFECT OF CIRCULATING	WATER SYSTEMS LAKE ONTARIO ECOLOGICAL STUDY OF T	381
LVED GASES TRACE METALS PLANKTON DECOMPOSITION ANAEROBIC	WATER SYSTEMS TRACE METAL CYCLING DURING DREDGIN	3
ECOLOGY SEAWEED COLONIZATION & RELEASE OF ORGANIC MATERIAL	WATER TREATMENT IN CLOSED ECOSYSTEMS HUMIC SUBST	646
ODIES PRESERVATION OF PLANT WATER WITH ANTI-TRANSPIRANTS	WATER USE BY PLANT MANAGEMENT OF SOIL WATER P	179
NING FOR TOTAL LAND UTILIZATION LAND STABILIZATION AND	WATER UTILIZATION OF DRASICALLY DISTURBED AREAS	529
HOGENIC FORMS AND THEIR VECTORS - MICROBIOLOGICAL POLLUTION	WATER WATER POLLUTION SURVEILLANCE - BEACH RES.	485
NATION IN HEATED WATER ORIGIN OF NITRITE IN HEATED WASTE	WATER WATER QUALITY SURVEY ROLE OF TRACE METALS	781
N; ENVIRONMENTAL IMPACT STATEMENT DEVELOPMENT ARMY CORPS	WATER WAY PPOJECTS STATE PLAN FOR ENVIRONMENTAL	270
TESTING LITERATURE REVIEW ON EFFECTS OF HEAVY METALS IN	WATER WINTER ECOLOGY SALT MARSHES AND BLACK DUCK	274
ROP PRODUCTION PLANT WATER STUDIES PRESERVATION OF PLANT	WATER WITH ANTI-TRANSPIRANTS WATER USE BY PLANT	179
P HIGHWAYS ENVIRONMENTAL TOXICOLOGY ESPECIALLY OF AIR	WATER AND OTHER POLLUTANTS LONG-TERM EFFECTS OF	539
NTI-TRANSPIRANTS WATER USE BY PLANT MANAGEMENT OF SOIL	WATER FERTILIZER IN FIELD AND CONTAINER CROP PR	179
ELLA CISTULA DIATOM COMMUNITY ANALYSIS; ALGOLGY (FRESH	WATER) ENVIRONMENTAL IMPACT STATEMENT - NUCLEAR	347
IOW MARINE ECHINODERM BIOLOGY-ECOLOGY BROTHERIANS (COID	WATER-BOREAL) ECOLOGY OF LULDMARIA FRONDOSA INTR	380

TABLE 3 - RESEARCH OF CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

D CHEMISTRY - VITAMIN STUDY SOFT DRINK ADDITIVES STUDY -	WATER-SWEETNER SYSTEMS ENVIRONMENTAL - NON-	479
TOPIY OF LEPOMIS MACROCHIRUS CONTROLLED SPAWNING OF FRESH	WATER/MARINE TELEOST BEHAVIOR ECOLOGY AND FOOD	176
WATER FINE STUDY OF THE N.E. GULF OF MEXICO CLEANING OF CILFD	WATERFOWL WILDLIFE ECOLOGY AND ITS APPLICATION	313
HABITATS FOR PEOPLE	WATERFOWL AND ASSOC. IN BRACKISH AND FRESH WATER	136
S AND BLACK DUCKS ORNITHOLOGY WITH SPECIAL REFERENCE TO	WATERFOWL AND ASSOCIATED ECOSYSTEMS LEAD POISONI	274
WATERFOWL CANVASBACK DUCK LOUISIANA WETLANDS	WATERFOWL AND WETLAND ECOLOGY LEAD POISONING IN	17
ECHNIQUES MANUAL FEDERAL-AID WILDLIFE RESEARCH PROJECTS	WATERFOWL AND WETLANDS ECOLOGY AND MANAGEMENT R	224
Y STATISTICS IN GAME AND FISH WORK SE STATES ANALYSIS OF	WATERFOWL BANDING CONSULTING ON USE OF QUANTITA	318
WATERFOWL AND WETLAND ECOLOGY LEAD PCISONING IN	WATERFOWL CANVASBACK DUCK LOUISIANA WETLANDS	17
ANICS OF HOMEOTHERMS ESPECIALLY GAME SPECIES ECOLOGY OF	WATERFOWL NEST PREDATION ECOLOGY OF URBAN WILDLI	738
WATERFOWL NEST PREDATION ECOLOGY OF URBAN WILDLIFE URBAN	WATERFOWL POPULATIONS POPULATION DYNAMICS OF HO	738
TERRESTRIAL AND WETLAND ECOLOGY WITH SPECIAL INTEREST IN	WATERFOWL TERRESTRIAL & WETLAND EVALUATION FOR T	575
TO WATERFOWL AND ASSOCIATED ECOSYSTEMS LEAD POISONING IN	WATERFOWL TESTING LITERATURE REVIEW ON EFFECTS	274
MENT DENITRIFICATION OF CONCENTRATED NITRATE WASTEWATER	WATERFRONT TRANSPORTATION AND ENVIRONMENTAL RESO	371
ICATION TRACE METALS IN LAKE WASHINGTON LEAD IN COASTAL	WATERS THERMODYNAMICS AND KINETICS AIR PURI	25
IN ACID MINE WATERS MACROBENTHIC ASSOCIATIONS IN RIFFLE	WATERS MACROBENTHOS SYNERGISMS OF RIFFLE COMMON	116
QUALITY AND WATER SUPPLY PROTECTION CHARACTER OF NATURAL	WATERS & POLLUTANTS WATER QUALITY PROTECTION & S	393
ENT IN SOILS PATE AND BEHAVIOR OF BIOCIDES IN SOILS AND	WATERS BIOCIDES IN THE SOIL PESTICIDES IN SOIL A	763
TH FACTORS VITAMINS TOXINS SHELLFISH TOXICITY IN ALASKAN	WATERS BIOLOGICAL PRODUCTIVITY IN COOK INLET ALA	507
DE ENVIRONMENTAL NEUROBIOLOGY SUCCESSION SHALLOW COASTAL	WATERS CARIBBEAN SOCIAL BIOLOGY ECOLOGY OF HONI	770
SIMILAR SUBARCTIC STREAMS DISTRIBUTION OF LEAD IN LENTIC	WATERS CONTINGENCY PLAN FOR SUMMIT & FAXSON LAKE	518
POLLUTION CONTROL REMOVAL OF IRON FROM ACID MINE DRAINAGE	WATERS DOWN WIND TRAVEL OF CHY EVEN SPILL USE OF	783
OF RIFFLE COMMUNITIES DIATOM FLUCTUATIONS IN ACID MINE	WATERS MACROBENTHIC ASSOCIATIONS IN RIFFLES WATER	116
D MARINE INVERTEBRATES NITROGEN CYCLE IN SHALLOW MARINE	WATERS NITROGEN CYCLE ON CORAL REEFS CONTROL OF	760
ICAL LIMNOLOGY & FISHERIES BIOLOGY BENTHOS OF NEAR SHORE	WATERS OF LAKE ONTARIO FISH STUDIES OF THE OSWEG	207
NETON COMMUNITIES AERIAL PHOTOGRAPHIC STUDIES OF COASTAL	WATERS OF NEW YORK AND LONG ISLAND USE OF REMOT	115
AL & CHEMICAL INTERACTIONS IN FRESH ESTUARINE & COASTAL	WATERS PLANKTON ECOLOGY IN THE ESTUARY HEPHETRO	812
VALUATING ENVIRONMENTAL IMPACTS IN ESTUARIES AND COASTAL	WATERS POWER PLANT ECOLOGY - HUDSON RIVER NEW Y	729
POLLUTION PANEL NATIONAL WATER COMMISSION ANALYSIS PURE	WATERS PROGRAM STATE OF NEW YORK ROLE OF ANIMAL	344
MARSH PRODUCTIVITY & PLANT EXPORT POLLUTION OF COASTAL	WATERS SALT MARSH MICROCOSMS: A POLLUTION TOOL E	504
TAL PROCESSES SEDIMENTOLOGY CIRCULATION OF N.H. COASTAL	WATERS THERMAL POLLUTION BRIDGEPORT HARBOR CON	307
D PROTEINS ORGANIC MATTER AND TRACE ELEMENTS IN NATURAL	WATERS TRACE METAL - ORGANIC MATTER ASSOCIATIONS	751
STITUTE IN MICROBIOLOGY MICROBIAL ECOLOGY OF SOILS AND	WATERS WORKSHOP ON ECOLOGY LIFE DETECTION ON OTH	566
PHYSICAL AND ANALYTICAL CHEMISTRY OF NATURAL AND POLLUTED	WATERS. WATER PROCESSING SURVEY CHEM. ASPECTS OF	332
ATION TO ACID MINE DRAINAGE FISHERY SURVEY OF PINE CREEK	WATERSHED ECOLOGY OF FRESHWATER FISHES FISH PRO	145
SECTOR OF PAINT BR. BACT & CHEM STUDY OF THE ROCK CREEK	WATERSHED ENVIR. POLLUTION; WATER POLLUTION; RA	688
CTS ON FISH AND WILDLIFE RESOURCES ALCCVY RIVER GEORGIA	WATERSHED EVALUATION TOCKS ISLAND DAM & RESERVOI	522
ENVIRONMENTAL ACTION CATALYST FOR COMMUNITY GOVERNMENT	WATERSHED IMPROVEMENT LCWA AS FACTOR IN LOCAL AN	483
CRET SOUND ISLANDS TRUST BILL ENRICHIFICATION OF COBBESSEE	WATERSHED MAINE COASTAL WETLANDS GROUNDTRUTH DEN	516
OLOGICAL STABILITY - ECOSYSTEM MANAGEMENT & PRESERVATION	WATERSHED MANAGEMENT IN RELATION TO GROWTH LAND	374
ROY BALANCE DEVELOPMENT OF MARSH HABITAT FOR CORPORATION	WATERSHED MONITORING SYSTEM - WATER QUALITY GOUN'D	212
SPASONAL LOUOLLY PINE SITE PRODUCTIVITY - SOIL FACTORS	WATERSHED NUTRIENT BUDGETS - CENTRAL ROCKY MOUNT	571
WATERWAYS WATER QUALITY MONITORING PROGRAM FOR OCCOQUAN	WATERSHED OPTIMAL PROCEDURES FOR SLUDGE DISPOSAL	572
LAND USE PLANNING TRANSPORT FACILITY IMPACT ON SOIL AND	WATERSHED SOIL EVALUATION - WASTE DISPOSAL FOR C	157
OGENETICS WITH EMPHASIS ON MAMMAL POPULATIONS VERTEBRATE	WATERSHED SURVEY CYTOGENETIC ANALYSIS OF CHROMOS	78
C ECOLOGY NUTRIENT - HYDROLOGIC INTERACTIONS IN FORESTED	WATERSHEDS NUTRIENT BUDGETS FOR CAYOGA AND SEVEC	432
ACID MINE POLLUTION SEDIMENTS OF DELMARVA INTRACOASTAL	WATERWAY PRODUCTIVITY LAKE SEDIMENTS	177
D NICKEL ON AN ESTUARINE TELEOST ECOLOGY OF INTRACOASTAL	WATERWAY BEAUFORT NORTH CAROLINA ESTUARINE EC	93
N AND OPERATION OF WASTE TREATMENT SYSTEMS AND RECEIVING	WATERWAYS WATER QUALITY MONITORING PROGRAM FOR O	572
STABLISH HIGH WATER MARK RIVERBANK VEGETATION CONTROL OF	WATERWEEDS IN LAKES PHYSIOLOGICAL ECOLOGY OF AL	306
USTICS PLANNING ENVIRONMENTAL IMPACT PREDICTION FACILITY	WAVE PREDICTION FOR SHORELINE CONSTRUCTION OCEA	559
MANAGEMENT FORAGE CROPS MANAGEMENT BROUTH COLD SHADE AND	WEAR STDDIES WITH TURPGRASSES AGRONOMY - TURPGR	798
YSIS ENVIRONMENTAL BOUY DATA ANALYSIS LIGHTSHIP DATA AND	WEATHER E. COAST U.S. AIR SEA INTERACTION METEO	122
ID CLIMATES AGGREGATE QUALITY JUDGMENT PHYSICAL-CHEMICAL	WEATHERING IN ANTARCTICA ANALYSIS OF CHEMICAL-P	51
WEATHERING IN ANTARCTICA ANALYSIS OF CHEMICAL-PHYSICAL	WEATHERING SYSTEMS IN COLD CLIMATES AGGREGATE QU	51
ESS SYNDROME IN THE HARD CLAM FATTY ACIDS IN MARINE FOOD	WEBS LONG-TERM OBSERVATIONS ON BENTHIC FISHES D	366
AGEMENT INCLUDING AQUATIC WEED CONTROL AQUATIC ADVISOR -	WEED CONTROL AND FISHERY DEVELOPMENT LAKE NICARA	550
URVEY FRESHWATER FISHERIES MANAGEMENT INCLUDING AQUATIC	WEED CONTROL AQUATIC ADVISOR - WEED CONTROL AND	550
TROL) SEARCH FOR AND IMPORTATION OF PARASITES OF ALFALEA	WEBVII FROM EUROPE TO USA SEARCH POP AND IMPORTA	200
ATION ECOLOGY OF COLO-CLOODED VERTEBRATES LIFE HISTORY CP	WEBLES SALAMANDER ECOLOGY OF A POPULATION OF GR	295
WITH SEROLOGICAL METHODS FISH GENETICS HEPTIABILITY CP	WEIGHT AND LENGTH IN CHANNEL CATFISH ORGANIC COM	574
REFT FERTILIZATION COOPERATIVE FOREST FERTILIZATION AND	WEIGHT QUALITY FIRST ANNUAL REPORT NORTH CAROLIN	608
IAN ENVIRONMENTAL ANALYSIS OF THREE PROPOSED RESERVOIRS	WEST VIRGINIA AQUATIC MICROBIAL ECOLOGY ECOSYST	654
RATIVE ECOLOGY OF SYMPATHIC CRICKET FROGS NEW TURTLE FOR	WEST VIRGINIA COMPARATIVE HERPETOLOGY OF 2 FARM	47
HOPE LONG ISLAND ECOLOGICAL EFFECTS TRANSPORT FACILITIES	WESTCHESTER COUNTY LENTIC-LOTIC STUDY PHYTOBAC	113
ZOOGEOGRAPHY BIOSURVEY OF THE SAN FRANCISCO VALLEY N.P.	WESTERN N.M. POWERLINE ROUTE IMPACT TUCSON GAS	345
UDIES; CO-AUTHOR OF BIRDS OF THE NIAGARA FRONTIER REGION	WESTERN NY POSSIBLE JFT POPULATION TRYING; TO KE	489
TION HIGHWAY IMPACT ON WETLANDS AND WILDLIFE FRESHWATER	WETLAND CLASSIFICATION AND EVALUATION AS WILDLIF	262
T WETLAND TREE GROWTH AS AFFECTED BY ARTIFICIAL FLOODING	WETLAND CLASSIFICATION AND EVALUATION HIGHWAY IM	262
CIAL BEHAVIOR IN BRAVER FOREST WILDLIFE MGT. FRESHWATER	WETLAND ECOLOGY AND MANAGEMENT MODEL FOR PUBLIC	416
SITE, TEXAS WETLAND PLANT DISTRIBUTION IN TIDEWATER, MC	WETLAND ECOLOGY ESPECIALLY IN REFERENCE TO PLANT	650
ASBACK DUCK LOUISIANA WETLANDS	WETLAND ECOLOGY LEAD POISONING IN WATERFOWL CANV	17
WILDLIFE BASELINE DATA FOR POWER PLANT TERRESTRIAL AND	WETLAND ECOLOGY WITH SPECIAL INTEREST IN WATERFO	575
OLOGICAL RELATIONSHIPS OF VERTEBRATE ANIMALS; ECOLOGY OF	WETLAND ENVIRONMENTS ECOLOGY OF THE MOHAWK RIVER	118
ECOLOGY WITH SPECIAL INTEREST IN WATERFOWL TERRESTRIAL &	WETLAND EVALUATION OF TRANSMISSION LINE CORRIDO	575
D ADMINISTRATION OIL SPILL CONTINGENCY PLAN FOR WILDLIFE	WETLAND HABITAT TECHNIQUES MANUAL FEDERAL-AID WI	224
NSACK MEADOWS VEGETATION OF HOUSTON NEW TOWN SITE TEXAS	WETLAND PLANT DISTRIBUTION IN TIDEWATER MD WET	650
ETLAND CLASSIFICATION AND EVALUATION AS WILDLIFE HABITAT	WETLAND TREE GROWTH AS AFFECTED BY ARTIFICIAL PL	262
GY LEAD POISONING IN WATERFOWL CANVASBACK DUCK LOUISIANA	WETLANDS WATERFOWL AND WETLAND ECOLO	17
AMPHIPOD CRUSTACEANS ECOLOGICAL SIGNIFICANCE OF COASTAL	WETLANDS SHALLOW WATER MARINE & ESTUARINE ECOLO	159
WETLAND CLASSIFICATION AND EVALUATION HIGHWAY IMPACT ON	WETLANDS AND WILDLIFE FRESHWATER WETLAND CLASSI	262
GING THAMES RIVER CT BLASTING IMPACT MARINE COVE INLAND	WETLANDS BILL ORGANIZATION AND MANAGEMENT OF EN	80
NDOS AND COASTAL IMPOUNDMENTS OPEN MARSH WATER MANAGEMENT	WETLANDS ECOLOGY WETLANDS ECOLOGY ECOLOGY MARSH	216
AL FEDERAL-AID WILDLIFE RESEARCH PROJECTS WATERFOWL AND	WETLANDS ECOLOGY AND MANAGEMENT RESEARCH AND AD	224
POUNDMENTS OPEN MARSH WATER MANAGEMENT WETLANDS ECOLOGY	WETLANDS ECOLOGY ECOLOGY MARSHLANDS AND COASTAL	216

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ECTRUM PESTICIDES AND/OR THE SOCIO-ECOLOGICAL VALUES OF TIDE GATES ON COVE ESTUARY, CT PLANT ECOLOGY OF MARINE BILL EUTROPHICATION OF CORBOSSEE WATERSHED MAINE COASTAL FAUNAL AND FLORAL CENSUS AND IMPACT RAPPAHANNOCK RIVER IN BIVALVE SHELLFISH CULTURE OF MARINE ORGANISMS MARINE ASTAL ZONE RESOURCES COASTAL ZONE MGT. IN CHESAPEAKE BAY AL FLORA; CONN. TIDAL MARSHES STATE OF CONNECTICUT TIDAL OLOGY AND MANAGEMENT MODEL FOR PUELIC MGT. OF FRESHWATER RINE WETLANDS FIFTY YEAR CHANGE IN A SELECTED SALT MARSH NADA GOOSE ESTABLISHMENT CRNITHOLOGY & PLANT ECOLOGY CP MODELLING STUDY MERRIMACK RIVER DIVERSION EFFECTS STUDY COLOGICAL IMPACT OF AUBRY RESERVOIR ECOLOGICAL SURVEY CP TICS WILDLIFE PHYSIOLOGY EVALUATION OF NATURAL FOODS OF COMMUNICATION BEHAVIOR IN BIPDS COMMUNICATION BEHAVIOR IN LAND MANAGEMENT FOR UPLAND GAME WATER FOWL AND EAR STUDY LIFE HISTORY AND MANAGEMENT OF BLACK BEAR AND TOBY HABITAT PRESCRIBE MANAGEMENT TO ACHIEVE OBJECTIVES IN UPPER CHESAPEAKE BAY - FISH BIOLOGICAL EVALUATION CP TED PLANTS SYSTEMATICS OF FLOWERING PLANTS - SCRIBED FIRE WILDLIFE RESPONSE TO WASTEWATER IRRIGATION ERMOREGULATION IN HOMEOTHERMS PHYSIOLOGICAL ECOLOGY OF A ROACH WITH RECIPR. TRANSC COMPETITION BETWEEN BLACK AND ANALYSIS OF CHROMOSOME ANALYSIS REPRODUCTIVE PATTERN IN ECOLOGY PLANTS - AIR - NOISE - MICROCLIMATE INTERACTIONS ACT OF POPESTRY OPERATIONS ON WILDLIFE WILDLIFE BIOLOGY NS ON WILDLIFE WILDLIFE BIOLOGY WLD TURKEY FOOD HABITS T SITE SELECTION IN WILD TURKEYS ALLEGHENY RIVER PROJECT E ESTABLISHMENT ORNITHOLOGY & PLANT ECOLOGY OF WETLANDS GY BEHAVIOR POPULATION DYNAMICS NEST SITE SELECTION IN STEMS APPROACH TO WILDLIFE AND RELATED NATURAL RESOURCES EFFECTS OF HIGHWAYS ON WILDLIFE EFFECTS OF STRIP MINES CN SIFICATION AND EVALUATION HIGHWAY IMPACT ON WETLANDS AND RREY INTERNAL PARASITES IMPACT OF FORESTRY OPERATIONS CN URCE MANGEMENT EFFECTS OF SURFACE MINING ON U.S. FISH & ITAT FOOD HABITS OF DEER-RANGE CARRYING CAPACITY NONGAME FISH	WETLANDS EDITORIAL CONSULTANT ENVIRONMENTAL ADVI 488 WETLANDS FIFTY YEAR CHANGE IN A SELECTED SALT MA 675 WETLANDS GROUNDTOOTH DENNIS AND TRORO IMPACT AN 516 WETLANDS IMPACT STUDY PHYTOPLANKTON ECOLOGY IM 459 WETLANDS OF SUFFOLK AND NASSAU COUNTIES AQUACULT 721 WETLANES ON LONG ISLAND INDUSTRIAL WASTES PROBL 811 WETLANDS PRESERVATION PROGRAM CONSULTANT BIOLOGI 424 WETLANDS SOCIAL BEHAVIOR IN BEAVER FOREST WILDLI 416 WETLANDS STUDY OF SOUTHAMPTON TOWN NEW YORK EFPE 675 WETLANDS WILD TURKEY RE-ESTABLISHMENT TECHNIQUES 223 WEWEANTIC RIVER FISHERIES PROGRAM ESTURAIINE FIS 137 WHITE ROCK LAKE AQUATIC ECOLOGY - EUTROPHICATIO 469 WHITE TAILED DEER INVSTIGATION OF WINTER DEER Y 465 WHITE-BREADED NOTHATCH ASPECTS OF C 598 WHITE-TAILED DEER 725 WHITE-TAILED DEER AND URBAN WILDLIFE CATSKILLS 486 WHITETAILED DEER RESEARCH ESTABLISHING WILDLIFE 626 WIDENING AND DEEPENING C & O CANAL - FISH EVALUA 586 WILD AND CULTIVATED TAXONOMIC STUDIES OF CULTIVA 42 WILD ANIMAL POPULATION-HABITAT RELATIONSHIPS ECO 797 WILD BIRD PHYSIOLOGICAL ECOLOGY ENERGY-BALANCE 674 WILD GERMAN COACKROACHES POPULATION BIOLOGY OF 346 WILD MICE EXPERIMENTAL VERT. ECOLOGY AND CYTOGE 78 WILD SHRUB CULTIVATION SONGBIRD ATTRACTION INTEG 186 WILD TURKEY FOOD HABITS WILD TURKEY INTERNAL PAR 125 WILD TURKEY INTERNAL PARASITES IMPACT OF FORESTR 125 WILD TURKEY PRESEASON BANDING ORNITHOLOGY AT TH 285 WILD TURKEY RE-ESTABLISHMENT TECHNIQUES MANUAL 223 WILD TURKEYS ALLEGHENY RIVER PROJECT WILD TURKEY 285 WILDLAND RESOURCE ALLOCATION PROCEDURE WILLIAMS B 255 WILDLIFE MANAGEMENT OF UPLAND GAME ANIMALS E 482 WILDLIFE FRESHWATER WETLAND CLASSIFICATION AND 262 WILDLIFE WILDLIFE BIOLOGY WILD TURKEY FOOD HABIT 125 WILDLIFE ACID MINE DRAINAGE ABATEMENT WORLD HERI 677 WILDLIFE AND FOREST MANAGEMENT SYSTEMS EPECTS 158 WILDLIFE AND RECREATION MANAGEMENT 321 WILDLIFE AND RELATED NATURAL RESOURCES WILDLAND 255 WILDLIFE AND RELATED SUBJECTS 11 WILDLIFE AREAS SETTING ASIDE AREAS AS WILDLIFE R 489 WILDLIFE BASELINE DATA FOR POWER PLANT TERRESTR 575 WILDLIFE BIOLOGY 494 WILDLIFE BIOLOGY WILD TURKEY FOOD HABITS WILD TO 125 WILDLIFE CATSKILLS NEW YORK BEAR STUDY ADRONDA 486 WILDLIFE CHESAPEAKE BAY AND TRIBUTARIES EVALUAT 522 WILDLIFE DISEASES CHEMICAL RESIDUES IN LIVESTOCK 93 WILDLIFE ECOLOGICAL STUDIES ECOLOGICAL STUDY OF 33 WILDLIFE ECOLOGY & POPULATION DYNAMICS ENVIROM 379 WILDLIFE ECOLOGY AND ITS APPLICATION TO URBAN EN 313 WILDLIFE ECOLOGY AND WILDLIFE MANAGEMENT UPLAND 618 WILDLIFE ECOLOGY ESPECIALLY ANIMAL BEHAVIOR POP 225 WILDLIFE ECOLOGY POPULATION STUDIES FOREST SMALL 662 WILDLIFE ECOLOGY ECOLOGICAL ENERGETICS WILDLIF 465 WILDLIFE ECOLOGY; WILDLIFE MANAGEMENT; WILDLIFE 330 WILDLIFE EFFECT OF VEGETATION CHANGES ON SOIL PE 171 WILDLIFE EFFECTS OF STRIP MINES ON WILDLIFF 482 WILDLIFE ESPECIALLY RARE AND ENDANGERED SPECIES 408 WILDLIFE EVALUATION DRAFT E.I.S. FOR HIGHWAY WI 575 WILDLIFE HABITAT FACTORS DETERMINING DENSITY OF 341 WILDLIFE HABITAT FOOD HABITS OF DEER-RANGE CARRY 158 WILDLIFE HABITAT TIMBER CUTTING EFFECTS ON WILDL 158 WILDLIFE HABITAT WETLAND TREE GROWTH AS AFFECTED 262 WILDLIFE IMPORTED IN US SYSTMATICS OF ENDANGERED 32 WILDLIFE IN S.E. FOREST HABITATS CONTROL REPROD. 614 WILDLIFE INDICATORS OF ENVIRONMENT TRENDS NATURA 368 WILDLIFE LAW ENFORCEMENT BLACKBIRD DEPREDATIONS 330 WILDLIFE MANAGEMENT 502 WILDLIFE MANAGEMENT 669 WILDLIFE MANAGEMENT LIFE HISTORY RESEARCH ON WI 378 WILDLIFE MANAGEMENT - INVENTORY HABITAT PRESCRI 626 WILDLIFE MANAGEMENT - ORNITHOLOGY RESEARCH SPECI 167 WILDLIFE MANAGEMENT AND ANIMAL ECOLOGY 537 WILDLIFE MANAGEMENT DEMONSTRATION AREAS STREAM D 626 WILDLIFE MANAGEMENT HURRICANE IMPACT ON QUAIL HA 53 WILDLIFE MANAGEMENT WITH EMPHASIS ON SMALL GAME 718 WILDLIFE MANAGEMENT UPLAND AND BIG GAME INFLUEN 618 WILDLIFE MANAGEMENT; WILDLIFE LAW ENFORCEMENT BL 330 WILDLIFE MGT. FRESHWATER WETLAND ECOLOGY AND MA 416 WILDLIFE NATIONWIDE OUTDOOR RECREATION PLAN DESE 378 WILDLIFE ON 3000 ACRE FARM ECOLOGICAL STUDIES PA 433 WILDLIFE PHYSIOLOGY EVALUATION OF NATURAL FOODS 465 WILDLIFE POND MANAGEMENT TROUT STREAM MANAGEMENT 96 WILDLIFE POPULATIONS AND FOOD HABITS OF UNGULATE 303 WILDLIFE PRODUCTIVITY FOR RECREATION PURPOSES DU 777 WILDLIFE REFUGES OR BIRD SANCTUARIES ORNITHOLOG 489 WILDLIFE RESEARCH PROJECTS WATERPOWL AND RETLAN 224
---	--

TABLE 3 - RESEARCH OF CONSULTANT

RCE ANALYSIS	PLANNING & MANAGEMENT RECOMMENDATION IMPACT ON	WILDLIFE RESOURCE MANAGEMENT PLAN	RECREATION R	643
	LONG-RANGE LAND USE PLANNING FOR FISH AND	WILDLIFE RESOURCES		582
VALUATING EFFECTS OF WATER RESOURCE PROJECTS ON FISH AND		WILDLIFE RESOURCES ALCOVEY RIVER	GEORGIA WATERB	522
WILDLIFE RESOURCES THE TERRESTRIAL FAUNA OF THREE		WILDLIFE SURVEY SPARBROOK NEW HAMPSHIRE		169
TION EFFECT OF LOGGING ON TIMBER OPERATIONS AND WILDLIFE		WILDLIFE SURVEY ANEGADA ISLAND BRITISH VIRGIN		762
RESOURCES ST. LAWRENCE BASIN VERMONT		WILDLIFE RESPONSE TO WASTEWATER IRRIGATION WILD		797
TS OF CLEARCUTTING ECOLOGICAL EFFECTS OF PRESCRIBED FIRE		WILDLIFE SABINE RIVER DIVERSION PROJECT LOUISIANA		625
MPACT ASSESSMENT OF WATER RESOURCE PROJECTS ON FISH AND		WILDLIFE SURVEY SPARBROOK NEW HAMPSHIRE		236
BEHAVIORAL ECOLOGY OF SMALL MAMMAL TERRESTRIAL		WILDLIFE SURVEY ANEGADA ISLAND BRITISH VIRGIN		408
GICAL SURVEY VOLCANO BARU PROPOSED NATIONAL PARK BANAMA		WILDLIFE URBAN WATERFOWL POPULATIONS POPULATION		738
IES ECOLOGY OF WATERFOWL NEST PREPARATION ECOLOGY OF URFAN		WILDLIFE VOCALIZATIONS OF WOODCOCK AND GROUSE		604
ING ON DEER AND GROUSE DEVELOPING SLIDE-LECTURE UNIT ON		WILDLIFE WETLAND HABITAT TECHNIQUES MANUAL PROFF		224
SEARCH AND ADMINISTRATION OIL SPILL CONTINGENCY PLAN FOR		WILDLIFE WILDLIFE RESOURCES ST. LAWRENCE BASIN		762
RD POPULATION EFFECT OF LOGGING ON WINTER OPERATIONS AND		WILDLIFE ADULT EDUCATION EFFECTS OF STRIP MININ		606
WOODCOCK AND GROUSE ENVIRONMENTAL CHANGE AND ADAPTATION		WILDLIFE AND THE COLLECTION AND ANALYSIS OF BIO		497
RELATIONS THE DEVELOPMENT AND UTILIZATION OF HABITAT FOR		WILDLIFE-ADMINISTRATION CONSERVATION PROGRAMS MA		433
ORS OF DISEASE IMPORTANT TO MILITARY MANAGEMENT OF FARM		WILLIAMSBURG ENVIRONMENTAL PRESCRIPTIONS PRECRAE		255
NATURAL RESOURCES WILDLAND RESOURCE ALLOCATION PROCEDURE		WILLOW ISLAND LOCKS AND DAM - ENV. IMPACT STATEM		407
L RESOURCE DEVELOPMENT KHPOR LAKE LAND REQUIREMENTS PLAN		WIND PROFILES OVER FORESTS FOREST METEOROLOGY		234
ER STRESS IN HARDWOOD TREES ENERGETIC IN HARDWOOD FORESTS		WIND TRAVEL OF CHY EVEN SPILL USE OF CLUIDIZED B		783
TROL REMOVAL OF IRON FROM ACID MINE DRAINAGE WATERS DOWN		WINTER DEER YARDS ENERGETICS OF SNOWSHOE HARE		D 465
N OF NATURAL FOODS OF WHITE TAILED DEER INVESTIGATION OF		WINTER ECOLOGY & BEHAVIOR OF LEWIS WOODPECKERS		291
EENBELT STUDY SYMPATRY OF RED HEADED & LEWIS WOODPECKERS		WINTER ECOLOGY SALT MARSHES AND BLACK DUCKS ORN		274
NG LITERATURE REVIEW ON EFFECTS OF HEAVY METALS IN WATER		WISCONSIN SCIENTIFIC AREA COUNCIL SURVEY. EGRES		543
Y PLANT POPULATIONS SUCCESSION CONSULTANT & EMPLOYEE -		WOOD CULTURE DISTRIBUTION AND CYCLOGY OF AQUAT		584
AE FUNGUS INHIBITION BY WOOD EXTRACTS FUNGUS INVASION OF		WOOD EXTRACTS FUNGUS INVASION OF WOOD CULTURE D		584
ORGANISMS COOPER TOLERANCE IN ALGAE FUNGUS INHIBITION BY		WOOD HABITATING INSECTS ECOLOGY OF FOREST TREE		647
EVALUATION OF PESTICIDE RESIDUES IN FORESTRY ECOLOGY OF		WOOD PLANT IDENTIFICATION VEGETATION MAP SOUTHAM		61
MPLING METHODS STATISTICAL STUDIES ALPINE ARCTIC AND		WOOD ELASTIC TECHNOLOGY INVESTIGATION OF PULSED		64
TION OF ACID MINE DRAINAGE BY NEUTRALIZATION DEVELOPMENT OF		WOOD RECYCLING ADVICE TO AN ALUMINUM PRODUCER CO		434
AND LAND USE PLANNING AIR POLLUTION CONTROL FROM WASTE		WOODCOCK AND GR USE ENVIRONMENTAL CHANGE AND EF		604
ELOPING SLIDE-LECTURE UNITS ON WILDLIFE VOCALIZATIONS OF		WOODCOCK ECOLOGY OF BUFFED GROUSE IN MINE WILD		618
INFLUENCE OF DEER ON VEGTATION FEEDING BEHAVIOR OF MALE		WOODLANDS AND RELATED USES GATHERING STANDARD SO		427
CORRELATION BETWEEN SOILS AND POTENTIAL PRODUCTIVITY OF		WOODLOT FLORIDA CREEP SURVEY PROGRAM NONLINEAR E		462
ERBLEMS HIBERNAL DISTRIBUTION OF C. TRICHOPUS IN S. ONYXANTH		WOODPECKERS BEHAVIOR AND ECOLOGY OF NORTH AMERI		291
D & LEWIS WOODPECKERS WINTER ECOLOGY OF NORTH AMERIC		WOODPECKERS WITH ER ECOLOGY & BEHAVIOR OF LEWIS W		291
ELS ASPEN GREENPIT STUDY SYMPATRY OF RED HEADED & LEWIS		WOODPECKERS; SAME FOR GROUND SQUIRRELS ASPEN GR		291
EWIS WOODPECKERS BEHAVIOR AND ECOLOGY OF NORTH AMERICAN		WOODS HOLE MASS. SHELL PENETRATION BY ORGANISM		112
STEMATICS-ECOLOGY PROGRAM MARINE BIOLOGY LABORATORY		WOODS ENVIRONMENTAL PLANTS PHYSIOLOGICAL MECHANISM		349
FORPGRASS UNDER STRESS CONDITIONS WATER & PHYSIOLOGY OF		WOODY PLANTS IN URBAN SUBURBAN AND FOREST ECOS		664
ROOT EXUDATES AND ECOLOGY OF ROOT PATHOGENS PATHOLOGY OF		WOODY PLANTS OF MARYLAND MARSH-TIDAL VASCULAR PL		83
TES ECOLOGY AND TAXONOMY OF VASCULAR PLANTS OF MARYLAND		WOOD SCOPING MILL ON STREAM POLLUTION IDENTIFIC		261
LE FIBER RESEARCH AND GENERAL TEXTILE RESEARCH EFFECT OF		WOOD FOR RESEARCH IN RANGE ECOSYSTEMS AND SMALL		471
MAMMAL POPULATION DYNAMICS		WORK GRP. 4 OF THE CONF. ON GLOBAL POOL. PROBLEM		356
Y BOTH ITS ECOLOGICAL AND PROTECTORY ASPECTS (MIL.		WORK IN AQUATIC ECOLOGY ECOLOGICAL SURVEY OF THE		554
SCHOYLKILL RIVER	RESEARCH AND SURVEY	WORK IN EDUCATION POLLUTION ANALYSIS AND SOLID		342
Y, MASSACHUSETTS VERMONT WOOD WATER PLAN ENVIRONMENTAL		WORK OF STAFFS ANALYSIS OF WATERFOWL BANDING		318
PERATIVE HOORNING DOVE WILLYEAD TERRESTRIAL AND MICH		WORKS EFFECTS OF GLASS PLANT EFFLUENTS ALLGANY		619
NAMICS OF SALMONIDS AND MACE INVERTEBRATES CORNING GLASS		WORKSHOP MARSH ECOLOGY MARINE OIL POLLUTION MI		719
LT MARSH STUDY OIL POLLUTION BASELINE STUDY COASTAL ZONE		WORKSHOP COMMUNITY CENTER FOR UNMOTIVATED ADOLP		120
DENCE TREATMENT OF AQUEOUS BINARY BEHAVIOR BEHAVIOR DISOR		WORKSHOP MARINE PRODUCTS		269
INE AND FRESH WATER FISHES MARINE LIFE SCIENCE		WORKSHOP IN ECOLOGY LIFE DETECTION ON OTHER PLAN		561
E IN MICROBIOLOGY MICROBIAL ECOLOGY OF COLTS AND HA RES		WORLD HERITAGE TRUST LIVING RESOURCE MANAGEMENT		677
ING ON U.S. FISH & WILDLIFE ACID MINE DRAINAGE ABATEMEN		WORMS STRATIFICATION AND TRANSPARANCY IN AFRICAN		475
T PHOTOSYNTHESIS IN AFRICAN LIME PROMODER EMILION IN AFRIC		WORMS BEHAVIOR SYMPARTIC ARIZONA GRASSLAND SPAR		73
LOGY AND BEHAVIOR CAMPALA TUB. REPT. ECOLOGY AND ROLE		WRITING BOOK "CHEMISTRY OF PUNICTIDAL ACTION" RI		442
N OF SPOBULATION MEASURES OF GENETALLING PLANT DISEASES		WRITING MEMBER PRESIDENT'S WATER POLLUTION CONTR		112
NE-RESTUARINE ECOLOGY; SCIENCE & MITHITRATION; SCIENTIFIC		WRITING NEPA STATEMENT - REVIEW OF NEPA STATEMEN		527
- STREAM SYSTEM - WRITING TO EVALUATING NEPA STATEMENTS		WRITING OR EVALUATING NEPA STATEMENTS WRITING		523
MENTS INFORMAL CONSULTATION TECHNOLOGY CLEAN SYSTEMS		WRITING THE TABLE SYSTEM OF TREE-VOLUME ESTIMATI		722
Y AND SILVICULTURE FOREST MANAGER ON TECHNICAL REPOA		WT. FLOUNDER DISCARDED AT SEA BY U.S. FISHERMAN		538
TOTAL FISHING EFF. ON SHELF FROM APPAL OBSERVATION EST		WYOMING VALLEY SUSQUEHANA RIVER PA FIS MARKTEN		48
MENTAL IMPACT STATEMENTS ENVIRONMENTAL IMPACT STATEMENT		YRICK HAREMATS WATER ECONOMY OF DESERT MAMMALS		343
VELOPMENT IN NEONATAL MAMMAL WATER BALANCE TO FAVOR ECH		Y. FISH POPULATIONS BIOLOGY AND COMMUNITY ECOLO		353
OF NUCLEAR POWER PLANT RESEARCH TOPIA ION DYNAMIC OF		YANKEE ATOMIC POWER PLANT BIOLOGICAL STUDY DIRE		112
WATER POLLUTION CONTROL ADVISORY BOARD FOR CONNECTICUT		YANKEE HAMPTON HYDROGRAPHIC STUDY THE USE OF DY		689
GICAL STUDIES CONNECTICUT RIVER HYDROGRAPHIC STUDY MARINE		YARKE PNEUMONIC & VANDORFER HARE DEER AND BIR		445
FOODS OF WHITE TAILED DEER LABORATION WINTER FEED		YARBCLASS STRENGTH		513
BEHAVIOR OF WHITE TAILED DEER LABORATION WINTER FEED		YEARS		739
BEHAVIOR OF WHITE TAILED DEER LABORATION WINTER FEED		YEARS CHIEF OF U.S. FOREST SERVICE; 10 YEAR ASSI		135
AIR POLLUTION AND LABORIAL HYGIENE PAS. 10		YEARS PROFESSIONAL EXPERTISE CONSULTANT FORESTR		135
STRY CONSULTANT ADMINISTRATION OF FORESTRY PROGRAMS TO		YEAST CELLS IN GRADIENT ACRYLAMIDE GROWTH STIMUL		605
HIEP OF U.S. FOREST SERVICE 10 YEAR ASSISTANT CHIEF, 41		YEAST IN CLOSED FOOD CYCLES		124
OPHORESIS RESISTANT CANDIDA ALBA AND ULTRACENTRIFUGATION		YEAST MEDICAL MYCOLOGY PHYCOLOGY AND P		554
ADMIN. OF THE FARM AND OTHER PROGRAMS		YEAST SPRING EFFECT OF ESTUARIES THERMAL EFFECT		91
ATHOBIOLOGY OF MICROORGANISM IN GENERAL PROTOPLASMA		YIELD OF DOUGLAS FIF TREE AND SAND DATA FROM LO		490
IVER MARINE MICROBIOLOGY ECOLOGY AND TAXONOMY OF MAMM		YIELD PESTICIDES IN THE AQUATIC ENVIRONMENT PRE		735
NAMICS OF DOUGLAS FIR POPULATION DYNAMICS AND THE EFF		YIELD POPULATION DYNAMICS OF MARINE FISH POPUL		18
ICES OF HERPETOIDS PERMANENT GRASSLAND MANAGEMENT PLAN		YIELD OF A. CSERIKI AND PLANTIN DYNAMICS INCLUDI		651
L LOBSTER MANAGEMENT PLAN		YORK BIOGEOCHEMISTRY OF MARINE AND FRESHWATER S		182
MODE ISLAND FLOATING RANGERSHIP		YORK RECREATIONAL USES OF NATURAL RESOURCES USE		785
I LIMNOLOGY OF MINNESOTA POLLUTED LAKE AND WETLANDS		YORK SOIL SCIENCE APPLIED TO TREE WATER RELATIO		157
LAND CAMPGROUNDS AND CAMPER. IMPACT OF CAMPGROUNDS		YORK VARIATED RADIO TELEMETRY STUDY OF THE SAWWH		227
SPOSAL FOR CAMPGROUNDS WITH ANIMAL WASTE MANAGEMENT OF NEW		YORK ALGAL - BACTERIA SYMBIOSIS NORTH AMERICAN A		278
THE PINE VOLE REVISION		YORK AND LONG ISLAND USE OF REMOTE SENSING TO S		115
I TAXONOMY LIMNOLOGY OF				
LES AERIAL PHOTOGRAPHY				

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

L FISHERY MANAGEMENT MODEL INVENTORY OF FISHPRIES OF NEW YORK AND MIDDLE ATLANTIC DOMESTIC AND INTERNATI	472
AND WHITE-TAILED DEER AND URBAN WILDLIFE CATSKILLS NEW YORK BEAR STUDY ADIRONDACKS BEAR STUDY LIFE HIS	486
CHEMISTRY OF SEA WATER OCEAN RESOURCES NEW YORK EIGHT ATOMIC SAFETY AND LICENSING BOARD	443
COMMUNITIES AND POPULATIONS SEWAGE SLUDGE EFFECTS ON NEW YORK EIGHT BENTHOS DEEP-SEA BENTHIC COMMUNITY RE	661
OSTING) CONSULTANT - US ATTORNEY'S OFFICE SO. DIST. NEW YORK CONSULTANT - ECOLOGY INC. POLLUTION - AQU	107
RARE AND ENDANGERED ANIMALS ECOSURVEY OF CAPE VINCENT NEW YORK ECOLOGICAL SURVEY OF DEER LICK INTERPRETIN	540
LECTED SALT MARSH WETLANDS STUDY CE SOUTHAMPTON TOWN NEW YORK EFFECTS OF TIDE GATES ON COVE ESTUARY CT	675
SIN TEXAS ENVIRONMENTAL IMPACT BROOKHAVEN LANDFILLS NEW YORK ENVIRONMENTAL IMPACT TITUS RESERVOIR TEXAS	792
OGY AND POLLUTION CONTROL SURFACE WATER MOVEMENTS IN NEW YORK HARBOR BIOTA OF MANHASSET BAY GROUND RECHAR	240
OF NON-FARMED RURAL LAND CAMPGROUNDS AND CAMPERS IN NEW YORK MARINAS IN NEW YORK RECREATIONAL USES OF N	785
D COASTAL WATERS POWER PLANT ECOLOGY - HUDSON RIVER NEW YORK POWER PLANT ECOLOGY - NEW HAVEN HARBOR CON	729
OMOUS TROUT MANAGEMENT ECOLOGY OF WARM WATER FISH IN NEW YORK RESPONSE OF FISH POPULATION TO REDDCED LOAD	277
TER COMMISSION ANALYSIS PURE WATERS PROGRAM STATE OF NEW YORK ROLE OF ANIMAL WASTES IN WATER POLLUTION W	344
HEPETOLOGY OF LONG ISLAND NEW YORK TURTLE MARKING PROJECT ON LONG ISLAND	620
VALUATION OF SEX BIOPSY METHOD - STRIPED BASS ADULT AND YOUNG FISHES OF CHESAPEAKE BAY AND TRIBUTARIES	586
ATE ECOLOGY ECOLOGY OF CARIBBOO POPULATION ECOLOGY OF THE ZEBRA IN EAST AFRICA VERTEBR	653
ECOLOGY ESPECIALLY IN RELATION TO FISH FAUNA EFFECTS OF ZINC CHROMIUM AND NICKEL ON AN ESTUARINE TELBOS	93
I ARCHEOLOGICAL PROJECT CRITICAL PROBLEMS OF THE COASTAL ZONE ENVIRONMENTAL STUDIES ASSESSMENT AND EVAL	588
LOGY RCT ZONE ECOLOGY - RHIZOSPHERE MYCORRHIZA PLANT PATH	172
D MANAGEMENT SOLUTIONS IN COASTAL ZONE RESOURCES COASTAL ZONE MGT. IN CHESAPEAKE BAY WETLANDS ON LONG ISL	811
ES PROBLEM ANALYSIS AND MANAGEMENT SOLUTIONS IN COASTAL ZONE RESOURCES COASTAL ZONE MGT. IN CHESAPEAKE B	811
AL SALT MARSH STUDY OIL POLLUTION BASELINE STUDY COASTAL ZONE WORKSHOP MARSH ECOLOGY MARINE OIL POLLUTI	719
ON CRAYFISH RESPIRATION TEMPORAL & SPATIAL VARIATION CE ZOO. IN THE HUDSON ESTUARY DIELDRIN CONC. IN THE	594
GICAL STUDIES PROGRAM OCEAN ACRE PROJECT SYSTEMATICS AND ZOOCEG. OF A. CYANEUS GROUP SYSTEMATIC ICHTHYO	267
STUDIES IN GILA VALLEY, N.H. AVIAN EVOLUTION TAXONOMY ZOOGEOGRAPHY BIOSURVEY OF THE SAN FRANCISCO VALL	345
LOGY:SYSTEMATICS DISTRIBUTION ECOLOGY BEHAVIOR OF FISHES ZOOGEOGRAPHY EAST U.S. FRESHWATER FISHES SURVEY	369
WO FISH SPECIES MARINE INVERTEBRATE ZOOLOGY AND PARASITOLOGY ACANTHOP MEMBRANES IN T	775
SHFL PENETRATION BY ORGANISMS MALACOLOGY INVERTEBRATE ZOOLOGY MARINE-ESTUARINE ECOLOGY; SCIENCE ADMIN	112
ECOLOGY OF VIRAL AND BACTERIAL ZOOZOSES	789
UCCESSION IN LIMNETIC PHYTOPLANKTON GRAZING BY ESTUARINE ZOOPLANKTON	S
K AND CHUM SALMON SECONDARY PRODUCTION OF MARINE PELAGIC ZOOPLANKTON ENVIRONMENTAL EVALUATION OF NUCLEAR	382
FISH POPULATION ZOOPLANKTON (ICHTHYOPLANKTON)	672
BIOLOGICAL TECHNICIAN RESEARCH SPECIALIST RESEARCH CE ZOOPLANKTON AND BENTHOS POPULATIONS FISHERY RESE	663
ANKTON OF EASTERN SHORE VIRGINIA PHYTOPLANKTON AND ZOOPLANKTON ECOLOGY OF ESTUARIES SURVEY OF ZOOPL	86
BUTTERFLIES TO BIPDS USE OF A COUNTER COUNTER TO ASSESS ZOOPLANKTON GRAZING; LAKE BIOLOGY FEEDING OF DAP	126
AL POPULATIONS THE INTERACTION OF NUTRIENTS ALGAE AND ZOOPLANKTON IN AQUATIC FOOD CHAINS THE EFFECT OF	558
OLANKTON AND ZOOPLANKTON ECOLOGY OF PSTUARIES SURVEY CE ZOOPLANKTON OF EASTERN SHORE VIRGINIA PHYT	86
N PARAMETERS ECOLOGY AND TAXONOMY OF MARINE ZOOPLANKTON ZOOPLANKTON OF LOWER CHESAPEAKE BAY ENHANCEMENT	275
AF AND ZOOPLANKTON IN AQUATIC FOOD CHAINS THE EFFECT CE ZOOPLANKTON ON ALGAL POPULATIONS THE INTERACTIO	558
ON DELINEATION CE ZOOPLANKTON POPULATIONS. MID-ATLANTIC BIGHT REGI	470
S OF LAKE ONTARIO FISH STUDIES OF THE OSWEGO HARBOR AREA ZOOPLANKTON STUDIES IN OSWEGO HARBOR AREA BIOLO	207
BIOLOGY OF PLANKTONIC MARINE CRUSTACEANS ZOOPLANKTON SDRVEY OF SEABROOK ESTUARY	779
TORS CONTROLLING THE SPATIAL AND TEMPORAL DISTRIBUTION CE ZOOPLANKTON THE EFFECT OF MALTHTON ON CRAYFISH R	594
ON POPULATION PARAMETERS ECOLOGY AND TAXONOMY OF MARINE ZOOPLANKTON ZOOPLANKTON OF LOWER CHESAPEAKE BAY	275
ION BIOLOGY AND COMMUNITY ECOLOGY IN FISHERIES RESEARCH: ZOOPLANKTON-FISH INTERACTIONS IN PONDS CONSULTAT	353
CRESTRY PROGRAMS; 10 YEARS CHIEF CE U.S. FOREST SERVICE; 10 YEAR ASSISTANT CHIEF; 41 YEARS PROFESSIONAL E	135
ORESTRY CONSULTANT ADMINISTRATION OF FORESTRY PROGRAMS; 10 YEARS CHIEF OF U.S. FOREST SERVICE; 10 YEAR A	135
TUDY OF THE SAW-WHET OWL ECOLOGY OF THE PINE VOLE REVIEW 104 STATEMENT ON HIGHWAY I-88 NEW YORK VARIED	227
VIAN AND MAMMALIAN REPRODUCTION FULL TIME RESEARCH SINCE 1965 - REPRODUCTIVE BIOLOGY RITUITARY FSN PHYSIO	108
TUDIES ASSESSMENT AND EVALUATION WATER QUALITY CRITERIA 1972 TELL EL HESI ARCHEOLOGICAL PROJECT CRITICAL	588
NEW TURTLE POR WEST VIRGINIA COMPARATIVE HEPETOLOGY OF 2 FARM PONDS ECOLOGY OF SYMPATRIC SPECIES AMPHI	47
INFLUENCE OF A MORPHACTINS ON SOYBEAN PLANTS INELUENCE CE 2 3-5 TRIIODABENZOIC ACID ON SOYBEANS ENVIRONME	127
ISM OF TRYPAN BLUE TERATOGENESIS ANIMAL MODEL SYSTEM FOR 2 4 5 T TERATOLOGY TESTING DEPECTS OF DEVELOPME	49
4 5-T IN GERBIL CYTOGENETIC EFFECTS OF 2 4 5-T IN GERBIL 2 4 5-T EFFECTS ON PLANT GROWTH AND DEVELOPMENT	450
EFFECTS OF HERBICIDES AND CHEMICALS IERATOGENIC EFFECTS CE 2 4 5-T IN GERBIL CYTOGENETIC EFFECTS OF 2 4 5-T	450
ENIC EFFECTS OF 2 4 5-T IN GERBIL CYTOGENETIC EFFECTS CE 2 4 5-T IN GERBIL 2 4 5-T EFFECTS ON PLANT SPROUT	450
BIODEGRADATION CE 2 4-D IN THE AQUATIC ENVIRONMENT	323
GHT AND LENGTH IN CHANNEL CATFISH ORGANIC COMPOSITION OF 22 SPECIES OF FRESHWATER FISHES SEPARATION OF BL	574
SH AND WILDLIFE PRODUCTIVITY FCF RECREATION PURPOSES IDR 24 TRAPPING BLUEGILL SUNFISH IN FARM PONDS LAKE	777
CT OF MINING ON OZARK HEADWATER STREAMS WATER QUALITY CE 3 RIVER BASIN IN N.E. MO. LIFE HISTORY OF THE EM	242
AIR POLLUTION AND INDUSTRIAL RYGIENP PAST 30 YEARS	739
STRATION CONSERVATION PROGRAMS MANAGEMENT OF WILDLIFE CN 3000 ACRE FARM ECOLOGICAL STUDIES FARM GAME INSE	433
AL AND PATHOLOGIC ANATOMY ANNUAL FAGEED POLLEN CENSUS - 4 COMMUNITIES ABSTRACTOR HUMAN PATHOLOGY MICRO	296
S ECOLOGICAL AND ITS EVOLUTIONARY ASPECTS CHM. WORK GRE. 4 OF THE CONF. ON GLOBAL ECOL. PROBLEMS TIE ADVI	358
LUATION OF DYLOX IN FOREST ECOSYSTEM EVALUATION OF SEVIN 4 OIL IN FOREST SYSTEM ANALYSIS OF AGRICULTURAL	786
S CHIEF OF U.S. FOREST SERVICE; 10 YEAR ASSISTANT CHIEF; 41 YEARS PROFESSIONAL EXPERIENCE CONSULTANT FORE	135
SAY FISH BIOASSAY BRINE WASTES EVALUATION OF EFFECT CE 46 DYES ON FISH AND ALGAE COMPARISON OF ALUM AND	439
AGE DISSOLVED ORGANIC PHOSPHORUS FROM PHYTOPLANKTON; DUF 48 MOSQUITO CONTROL DITCHES IN SALTMARSHES PHOS	406
T SEA BY U.S. FISHERMAN DESCRIBE COMM. FISH. PARAMETERS 5 RESERVOIRS IN OKLAHOMA EST. TOTAL FISHING RET	535
TIES ARISING FROM THE USE OF THE ENVIRONMENT REPORT OF I 95 ENVIRONMENTAL STAFF ANALYSIS OF LEGAL RIGHTS	422

SECTION I

TABLE 4

INDEX BY IMPACT ASSESSMENT EXPERIENCE

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

ACID MINE DRAINAGE ABATEMENT

WEST VIRGINIA

Zimolzak, Chester E.

AGRICULTURE

CONNECTICUT

Camp, Wofford B., Jr.

De Roo, Hendrik C.

Kelley, Roger W., Jr.

Lukens, Raymond J.

Miner, Dallas D.

Smith, William H.

DISTRICT OF COLUMBIA

Aron, William I.

Jenkins, Dale W.

Kelly, Robert H.

Keup, Lowell, F.

Moore, Jerry A.

Riley, David P.

Robinson, Farrel R.

Skoog, Ronald O.

DELAWARE

Connell, Walter A.

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.

Craker, Lyle E.

Drury, William H.

Gorden, Morton

Harvey, George R.

Matsumoto, Barton M.

Old, Warren T. Jr.

Rho, Jinnque

Spaulding, Willard M., Jr.

Stuart, Alastair M.

Weeks, Martin E.

MARYLAND

Andrews, Ralph

Bender, Edward S.

Khattat, Fadhil H.

Leffel, Robert C.

Pcyner, Martin M.

Price, Donald L.

Stanton, Gary C.

Stoneburner, Daniel L.

Wagner, Richard H.

Ward, Fraser P.

Wesely, Marvin L.

NORTH CAROLINA

Baker, W. Donald

Banks, Roger L.

Buol, Stanley W.

Burton, Gerald L.

Davey, Charles B.

Elder, Alfred S.

Howells, David H.

Hunter, Arvel H.

Johnson, Harrel B.

Nonschein, Tom D.

Outen, Ronald B.

Weber, Jerome B.

NEW HAMPSHIRE

Forste, Robert H.

NEW JERSEY

Caccamise, Donald F.

Clark, Harold E.

Douglas, Lowell A.

Dysart, Richard J.

Pollmann, Erich H.

Jones, Walter A.

Miller, Brinton H.

NEW YORK

Boehle, John, Jr.

Craul, Phillip J.

Cutright, Noel J.

Erickson, James A.

Forbes, James E.

George, Carl J.

Goodland, Robert J.

Hagan, Terry M.

LaRoche, Germain E.

LeBaron, Homer M.

Murphy, Royse P.

Olson, Gerald, W.

Omland, Per N.

Paulson Jr., Donald L.

SELF REFERENCE TO THE APPROPRIATE
(BY RESPONDENT'S LOCATION)

AIRCRAFTTYPE

NEW YORK

Paulson, Glenn L.
Pimentel, David
Pough, P. Harvey
Powell, Paul E.
Rice, Clifford P.
Root, Richard R.
Savage, Joseph E.
Terry, Orville W.
Wikstrom, Leonard L.
Willcox, Harry H. III
Wilson, Lew

PENNSYLVANIA

Bollaq, Jean-Marc
Chase, Craig C.
Cheng, Thomas C.
DiCucullo, John, C.
Ghiselin, Jon B.
Hall, William E.
Hartman, Fred W.
Hayden, Robert P.
Heiney, Clayton L.
Hinish, Wayne W.
Jeffers, Edmund E.
Johnson, Andrew L.
Kardos, Louis T.
McCoy, Clarence J.
McKee, Guy W.
Petersen, Gary W.
Stern, Arthur M.

VIRGINIA

Bradley, Sterling G.
Conroy, John H.
Dowling, Paul Bruce
Harlow, Richard F.
Harvill, Alton M.
Lemmon, Paul E.
Prosser, Norville S.
Scanlon, Patrick F.
Taylor, Warren H.
Tuthill, Bartley E.

VERMONT

Farrar, Richard B.
Mcdehouse, Dora E.
Wood, Glen M.

WEST VIRGINIA

Kutscheid, Een B.
Ozmina, David J.
Schmude, Keith O.
Singh, Rabindar Nath
Smith, Robert L.
Ulrich, Valentin

AIR POLLUTION

CONNECTICUT

Smith, William M.

NORTH CAROLINA

Wheeler, Garland L.

NEW YORK

Suzuki, Jon B.

AIR QUALITY

CONNECTICUT

Martens, Christopher S.

AIRPORTS

CONNECTICUT

Lefor, Michael W.
Miner, Dallas D.

DISTRICT OF COLUMBIA

Aron, William I.
Grandy, John W., IV
Hayes, Helen L.
Riley, David P.
Wade, Richard L.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Coppinger, Raymond P.
Drury, William H.
Gorden, Morton
Moore, Johnes K.
Mugford, Paul C.
Spaulding, William M. Jr.
Yentsch, Charles L.

MARYLAND

Fowler, Edward S.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

AIRPORTS

MARYLAND

Pinkham, Carlos F.A.
 Poyner, Martin M.
 Wagner, Richard H.
 Ward, Fraser P.
 Welch, Bruce L.

NORTH CAROLINA

Adams, David A.
 Baker, W. Donald
 Smith, Ben W.

NEW HAMPSHIRE

Vaillancourt, Joseph H.

NEW JERSEY

Jones, Walter A.

NEW YORK

Foley, Donald D.
 Forbes, James E.
 Magorian, Thomas R.
 Neumaier, Gerhard J.
 Pcsmentier, Eric S.
 Ritchie, Gary A.
 Squites, Donald F.
 Suzuki, Jon B.

PENNSYLVANIA

Hall, William E.
 Keefer, Scott D.
 McKee, Guy W.

VIRGINIA

Conroy, John H.
 Prosser, Norville S.
 Tuthill, Bartley E.

VERMONT

Wood, Glen M.

WEST VIRGINIA

Schmude, Keith O.

ANIMAL DEVELOPMENT

DISTRICT OF COLUMBIA

Goeringer, Gerald C.

APPRAISAL OF REAL PROPERTY

NEW YORK

Klonick, Allan S.

ARCTIC DEVELOPMENT

PENNSYLVANIA

Henshaw, Robert E.

ARTIFICIAL LAKES

MARYLAND

Bay, Ernest C.

AVALANCHES

NEW YORK

Craul, Phillip J.

BEACH NOURISHMENT

CONNECTICUT

McGuinness, William V.

DISTRICT OF COLUMBIA

Aron, William I.
 Riley, David P.
 Schueler, Robert L.
 Woodard, Donald W.
 Young, David K.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Gorden, Morton
 Hillman, Robert E.
 Lazell, Jr., James D.
 Nickerson, Norton E.
 Old, Warren T. Jr.
 Spaulding, Willard M., Jr.
 Yentsch, Charles S.

MARYLAND

Beal, Kenneth L.
 Ward, Fraser P.

MAINE

Flagg, Lewis N.

NORTH CAROLINA

Banks, Roger L.
 Ccooper, Arthur W.
 Davey, Charles B.
 Frame, David W.
 Johnson, Harrel B.
 Lyman, John
 Nelson, Paul V.
 Sjolseth, Danny E.
 Tyus, Harold M.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

BEACH NOURISHMENT

NEW HAMPSHIRE
Hartwell, Allan D.

NEW JERSEY
Blumeling, Charles III

NEW YORK
Foley, Donald D.
Foley, Donald D.
Liquori, Vincent R.
Neumaier, Gerhard J.
Ritchie, Gary A.
Spagnoli, John J.
Squires, Donald P.
Wilson, Lee

PENNSYLVANIA
Hartman, Fred E.

RHODE ISLAND
Cook, David O.
Halvorson, William L.

VIRGINIA
Conroy, John H.
Hill, Richard L.
Pierce, Phillip C.

WEST VIRGINIA
Neumann, Edward S.

BIOSPHERE MICRO

PENNSYLVANIA
Koesterer, Martin G.

CANALS/CHANNELS

CONNECTICUT
Bongiorno, Salvatore P.
Gorski, Leon J.
Marcy, Barton C.
McGuinness, William V.
Porter, James W.
Shaw, David G.

DISTRICT OF COLUMBIA
Aron, William I.
Grandy, John W., IV
Keup, Lowell, F.
Riley, David F.
Schueler, Robert I.
Wade, Richard A.
Walker, Charles P.

DELAWARE
Connell, Walter A.
Louder, Darrell E.
Taylor, Malcolm H.

MASSACHUSETTS
Adrian, Donald D.
Cole, Charles F.
Dcmermuth, Robert P.
Harleman, Donald F.
Hillman, Robert E.
Lazell, Jr., James D.
Old, Warren T. Jr.
Rizzo, Benedetto
Spaulding, Willard M., Jr.

MARYLAND
Andrews, Ralph
Beal, Kenneth L.
Cooper, John E.
Cutcher, Joseph J.
Khattar, Padhill H.
Morgan, Raymond P.
Ritchie, Jr., Douglas E.
Sipple, William S.
Ward, Fraser P.
Wilson, John S.

MAINE
Graham, Joseph J.
Ring, Paul D.

NORTH CAROLINA
Adams, David A.
Baker, W. Donald
Banks, Roger L.
Burton, Gerald L.
Ccooper, Arthur W.
DuMond, David M.
Johnson, Harrel R.
Outen, Ronald R.
Sjølseth, Danny E.
Stephenson, Don W.
Tarplee, William H., Jr.
Tyus, Harold M.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

CANALS/CHANNELS

NEW HAMPSHIRE

Hartwell, Allan D.

NEW JERSEY

Blumeling, Charles III

Milstein, Charles E.

NEW YORK

Foley, Donald D.

Foley, Donald D.

Gehris, Clarence W.

Magorian, Thomas R.

Ritchie, Gary A.

Wikstrom, Leonard I.

Wilson, Lee

PENNSYLVANIA

Browne, Francis X.

Fuller, Samuel L.H.

Hayden, Robert P.

RHODE ISLAND

Busby, Charles C.

Prager, Jan C.

VIRGINIA

Birdsong, Ray S.

Boesch, Donald P.

Bradley, Sterling G.

Conroy, John H.

Kelly, Mahlon G.

Marshall, Harold G.

Menyhert, William F.

Pierce, Phillip C.

Prosser, Norville S.

Slocomb, John P.

Tuthill, Bartley E.

WEST VIRGINIA

Gcodno, Edward J.

Kutscheid, Ben B.

Nelson, Charles W.

Neumann, Edward S.

CHANNELIZATION

CONNECTICUT

Bongiorno, Salvatore F.

Gorski, Leon J.

Lefor, Michael W.

McGuinness, William V.

Miner, Dallas D.

DISTRICT OF COLUMBIA

Aron, William I.

Grandy, John W., IV

Jameson, Robert M.

Moore, Jerry A.

Riley, David P.

Schueler, Robert I.

Skoog, Ronald O.

Woodard, Donald W.

Young, David K.

DELAWARE

Louder, Darrell E.

Taylor, Malcolm H.

MASSACHUSETTS

Dillingham, James E.

Harleman, Donald F.

Hillman, Robert E.

Katona, Steven K.

Lazell, Jr., James D.

Miller, A. Richard

Mugford, Paul S.

Old, Warren T. Jr.

Rizzo, Benedetto

Rowe, Gilbert T.

Spaulding, Willard M., Jr.

Tenore, Kenneth R.

Yentsch, Charles S.

Yentsch, Clarice M.

MARYLAND

Andersen, Aven M.

Beal, Kenneth L.

Cutcher, Joseph J.

Davis, Robert K.

Ritchie, Jr., Douglas E.

Stanton, Gary C.

Wagner, Richard R.

Ward, Fraser P.

Wilson, John S.

MAINE

Bourque, Peter M.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

CHANNELIZATION

MAINE

Dean, David
Graham, Joseph J.
King, Paul D.

NORTH CAROLINA

Adams, David A.
Baker, W. Donald
Banks, Roger L.
Bellis, Vincent J.
Birchfield, Larry J.
Burton, Gerald L.
Cherry, Solomon T. Jr.
Cooper, Arthur W.
Frame, David W.
Haines, Leroy W.
Howells, David H.
Johnson, Harrel B.
Monschein, Tom D.
Outen, Ronald B.
Sjolseth, Danny E.
Stephenson, Don W.
Tarpsee, William H., Jr.
Tyus, Harold M.

NEW JERSEY

Blumeling, Charles III
Ferrigno, Fred
Pollmann, Erich H.
Milstein, Charles E.

NEW YORK

Chamberlain, James I.
Foley, Donald D.
Forbes, James E.
Gehris, Clarence W.
Kessell, Stephen R.
Magorian, Thomas R.
Neumaier, Gerhard J.
Olson, Gerald, W.
Paulson Jr., Donald L.
Ritchie, Gary A.
Spagnoli, John J.
Wikstrom, Leonard I.
Wilson, Lee

PENNSYLVANIA

Alden, Jon C.
Bardarik, Daniel G.
Browne, Francis X.
Davis, George M.
Fuller, Samuel L.R.
Hartman, Fred E.
Hayden, Robert P.
McDaniel, Michael I.
Scherer, Robert C.
Voris, Harold F.

RHODE ISLAND

Fusby, Charles C.
Halvorson, William L.

VIRGINIA

Birdsong, Ray S.
Conroy, John H.
Jenkins, Robert E.
Marshall, Harold G.
Nyquist, David
Pierce, Phillip C.
Prosser, Norville S.
Slocumb, John P.
Tuthill, Bartley E.

WEST VIRGINIA

De Costa, John J.
Fuchs, Everett H.
Gasper, Donald C.
Gcodno, Edward J.
Jernejcic, Frank A.
Kutscheid, Fen B.
Nelson, Charles W.
Neumann, Edward S.
Ozmina, David J.
Schulz, Arnold P.

CHEMICAL ASPECTS

NEW JERSEY

Bikales, Norbert M.

CHEMICAL WASTES

PENNSYLVANIA

Alden, Jon C.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

COASTAL PROTECTION/JETTIES

CONNECTICUT

Shaw, David G.

DISTRICT OF COLUMBIA

Aron, William I.

Coggeshall, Dale T.

Schueler, Robert L.

Woodard, Donald W.

DELAWARE

Loudner, Darrell E.

MASSACHUSETTS

Clarke, George L.

Gorden, Morton

Harleman, Donald F.

Hillman, Robert E.

Lazell, Jr., James D.

Nickerson, Norton H.

Old, Warren T. Jr.

Spaulding, Willard M., Jr.

West, Arthur J.

MARYLAND

Beal, Kenneth L.

Cutcher, Joseph J.

Sipple, William S.

Ward, Fraser P.

MAINE

Flagg, Lewis N.

Ring, Paul D.

NORTH CAROLINA

Banks, Roger L.

Bellis, Vincent J.

Cooper, Arthur W.

Frame, David W.

Stolseth, Danny E.

Tyus, Harold M.

NEW HAMPSHIRE

Forste, Robert H.

Hartwell, Allan D.

NEW JERSEY

Hastings, Robert W.

Milstein, Charles E.

NEW YORK

Foley, Donald D.

Foley, Donald D.

George, Carl J.

Kaczynski, Victor W.

Pcsmentier, Eric S.

Ritchie, Gary A.

Spagnoli, John J.

Squires, Donald F.

PENNSYLVANIA

Fuller, Samuel L.H.

Ghiselin, Jon B.

Hartman, Fred E.

RHODE ISLAND

Busby, Charles C.

Nixon, Scott W.

Prager, Jan C.

VIRGINIA

Boesch, Donald F.

Conroy, John H.

Marshall, Harold G.

Pierce, Phillip C.

WEST VIRGINIA

Nelson, Charles W.

Neumann, Edward S.

COATINGS

VIRGINIA

Menyhert, William R.

CONSERVATION

MASSACHUSETTS

Nickerson, Norton H.

DEPOLIATION

VIRGINIA

Hinckley, Alden D.

DREDGING, FILLING

CONNECTICUT

Bongiorno, Salvatore F.

Frown, Charles L.

Kelley, Roger W., Jr.

Lefor, Michael W.

McGuinness, William V.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

DREDGING, FILLING

CONNECTICUT

Miner, Dallas D.

DISTRICT OF COLUMBIA

Aron, William I.

Grandy, John W., IV

Jameson, Robert M.

McCote, Jerry A.

Riley, David F.

Schueler, Robert L.

Wade, Richard A.

Wheatley, James R.

Woodard, Donald W.

Young, David K.

DELAWARE

Louder, Darrell E.

Taylor, Malcolm H.

MASSACHUSETTS

Coble, Charles F.

Dillingham, James H.

Drury, William H.

Gorden, Morton

Harleman, Donald E.

Hillman, Robert E.

Lazell, Jr., James D.

Miller, A. Richard

Mugford, Paul S.

Nickerson, Norton H.

Old, Warren T. Jr.

Rowe, Gilbert T.

Spaulding, Willard M., Jr.

Tenore, Kenneth R.

Yentsch, Charles S.

Yentsch, Clarice M.

MARYLAND

Andrews, Ralph

Beal, Kenneth L.

Bender, Edward S.

Cutcher, Joseph J.

Davis, Robert K.

Hamilton, Daniel Heyward

Morgan, Raymond F.

Pearson, James G.

Sipple, William S.

Wagner, Richard H.

Ward, Fraser P.

Wilson, John S.

MAINE

Anthony, Vaughn C.

Bourque, Peter M.

Dean, David

Flagg, Lewis N.

Graham, Joseph J.

Ring, Paul D.

Scheunitz, Sanford D.

NORTH CAROLINA

Adams, David A.

Baker, W. Donald

Banks, Roger L.

Burton, Gerald L.

Coper, Arthur W.

Davey, Charles E.

DuMond, David M.

Johnson, Harrel B.

Kirby-Smith, William W.

Monschein, Tom D.

Outen, Ronald P.

Stolseth, Danny E.

Stephenson, Don W.

Tyus, Harold M.

NEW HAMPSHIRE

Forste, Robert H.

Hartwell, Allan D.

NEW JERSEY

Blumeling, Charles III

Ferrigno, Fred

Good, Ralph E.

Hastings, Robert W.

Milstein, Charles F.

NEW YORK

Cassin, Joseph M.

Poley, Donald P.

Poley, Donald P.

Gehris, Clarence W.

Magorian, Thomas E.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

DREDGING, FILLING

NEW YORK

McHugh, John L.
Neumaier, Gerhard J.
Ritchie, Gary A.
Spagnoli, John J.
Squires, Donald P.
Williams, Bolton S.

PENNSYLVANIA

Alden, Jon C.
Bardarik, Daniel G.
Browne, Francis X.
Davis, George M.
Denoncourt, Robert F.
Fuller, Samuel L.H.
Ghiselin, Jon F.
Hartman, Fred E.
Hayden, Robert P.
McDaniel, Michael E.

RHODE ISLAND

Busby, Charles C.
Cook, David O.
Cox, Geraldine V.
Halvorson, William L.
Polgar, Tibor T.
Prager, Jan C.
Saila, Saul E.
Sissenwine, Michael P.

VIRGINIA

Andrews, Jay D.
Birdsong, Ray S.
Boesch, Donald F.
Cantroy, John H.
Lynch, Maurice P.
Marshall, Harold G.
Odum, William E.
Pierce, Phillip C.
Prosser, Norville S.
Slocomb, John F.
Tuthill, Bartley E.
Wass, Marvin L.
Westfield, James L.

VERMONT

Farrar, Richard B.

WEST VIRGINIA

Fuchs, Everett H.
Gasper, Donald C.
Godno, Edward J.
Kutscheid, Ben B.
Linsky, Benjamin
Nelson, Charles W.
Neumann, Edward S.
Ozmina, David J.
Schulz, Arnold E.

EFFECTS OF INDUST. WASTES ON FISH

NORTH CAROLINA

Griffin, John M.

ENERGY CONVERSION/PRODUCTION

CONNECTICUT

Edwards, Stephen J.
Tolderlund, Douglas S.

DISTRICT OF COLUMBIA

Aron, William I.
Hay, Keith G.
Jenkins, Dale W.
Jameson, Robert M.
Keup, Lowell, P.
McCore, Jerry A.
Riley, David P.
Skoog, Ronald O.
Wade, Richard L.

MASSACHUSETTS

Banks, Oneil M.
Bowen, Vaughan T.
Clarke, George L.
Ccle, Charles F.
Gorden, Morton
Harleman, Donald P.
Hillman, Robert F.
Old, Warren T. Jr.
Spaulding, Willard M., Jr.
Yentsch, Charles S.

MARYLAND

Bender, Edward S.
Davis, Robert K.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

ENERGY CONVERSION/PRODUCTION

MARYLAND

Foerster, John W.
 Forster, William C.
 Gurtz, Martin E.
 Hershaft, Alex
 Morgan, Raymond P.
 Pearson, James G.
 Pinkham, Carlos F.A.
 Storms, Stephen E.
 Ward, Fraser P.

MAINE

Flagg, Lewis N.

NORTH CAROLINA

Adams, David A.
 Baker, W. Donald
 Banks, Roger L.
 Burton, Gerald L.
 Hobbie, John F.
 Lyman, John
 Lynts, George W.
 Sjolseth, Danny E.
 Stephenson, Don W.
 Weiss, Charles M.

NEW HAMPSHIRE

Hartwell, Allan D.

NEW JERSEY

Margraf, F. Joseph
 Shanholtzer, Sheryl F.
 Trautenberg, Gerald A.
 Wehner, Donald C.

NEW YORK

Barans, Charles A.
 Chailer Jr., Jack D.
 Dalglish, Robert C.
 Eisenbud, Merrill
 Engel, Ronald A.
 Erickson, James M.
 Goldstein, Bernard D.
 Hadley, Wayne F.
 Hutchinson, Brendan P.
 Jamnback, Hugo A.
 Kaczynski, Victor W.
 Kessell, Stephen R.
 Magorian, Thomas R.
 Neumaier, Gerhard J.
 Paulson, Glenn L.
 Ritchie, Gary A.
 Squires, Donald F.
 Wilson, Lee

PENNSYLVANIA

Arnold, Dean E.
 Chase, Craig C.
 Foster, Neal R.
 Hayden, Robert P.
 Heisey, Paul G.
 Henshaw, Robert E.
 James, Richard L.
 Reed, Lanny W.
 Scherer, Robert C.
 Stira, Robert J.

RHODE ISLAND

Peckers, Jr., Charles V.
 Busby, Charles C.
 Cook, David O.
 Cox, Geraldine V.
 Eisler, Ronald
 Oviatt, Candace A.
 Prager, Jan C.

VIRGINIA

Bae., Lawrence J.
 Bishop, John W.
 Boesch, Donald E.
 Bryson, William T.
 Cairns, Jr., John
 Canroy, John H.
 Dowling, Paul Bruce
 Hocutt, Charles H.
 Zubkoff, Paul L.

VERMONT

Horst, G. Roy

WEST VIRGINIA

Baillie, Richard C.
 Jenkins, Charles F.
 Keller, Edward C. Jr.

BLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

ENERGY CONVERSION/PRODUCTION
WEST VIRGINIA

Linsky, Benjamin
Sears, John T.
Smith, Robert L.
Zaltzman, Raul

ENERGY UTILIZATION
VIRGINIA

Westfield, James D.

ENVIRONMENTAL CARCINOGENESIS
NEW YORK

Segal, Alvin

ENVIRONMENTAL EDUCATION
NEW YORK

Walcott, Charles

ENVIRONMENTAL MUTAGENS
NEW YORK

Sparrow, Arnold H.

FISH & WILDLIFE CONSERVATION
CONNECTICUT

Bongiorno, Salvatore F.
Brown, Charles L.
Egler, Frank E.
Gorski, Leon J.
Haeni, Frank R.
Kelley, Roger W., Jr.
Marcy, Barton C.
Miner, Dallas D.
Schoonveld, Gene G.
Smith, Dwight G.
Steinmetz, Charles Jr.

DISTRICT OF COLUMBIA

Adams, William H.
Aron, William I.
Banta, William C.
Busack, Stephen D.
Coggeshall, Dale T.
Davis, William Price
Eviden, Fred G.
Grandy, John W., IV
Hay, Keith G.
Hayes, Helen L.
Jenkins, Dale W.
Jones, Fred L.
Keup, Lowell, P.
LaBastille, Anne
Malone, Winfred F.
Marmelstein, Allan D.
Moore, Jerry A.
Riley, David P.
Scattergood, Leslie W.
Schueler, Robert L.
Skoog, Ronald O.
Wade, Richard A.
Walker, Charles R.
Woodard, Donald W.

DELAWARE

Hubbard, John P.
Louder, Darrell E.

MASSACHUSETTS

Bowen, Vaughan T.
Clarke, George L.
Cole, Charles F.
Coppinger, Raymond F.
Domermuth, Robert E.
Drury, William H.
Gorden, Morton
Hester, Albert E.
Billman, Robert E.
Johnson, James E.
Katona, Steven K.
Larson, Joseph S.
Lazell, Jr., James D.
Miller, A. Richard
Mugford, Paul S.
Neves, Richard J.
Nickerson, Norton F.
Old, Warren T. Jr.
Rizzo, Benedetto
Rowe, Gilbert T.
Satterwhite, Melvin P.
Snyder, Benjamin W.
Spaulding, Willard M., Jr.
West, Arthur J.
Yentsch, Charles S.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

FISH & WILDLIFE CONSERVATION

MARYLAND

Allan, J. David
 Andersen, Aven M.
 Andrews, Ralph
 Beal, Kenneth L.
 Bender, Edward S.
 Cooper, John E.
 Cutcher, Joseph J.
 Foerster, John W.
 Henny, Charles J.
 Hughes, Kent H.
 Pearson, James G.
 Peterson, Charles R.
 Pinkham, Carlos F.A.
 Ritchie, Jr., Douglas P.
 Sipple, William S.
 Wagner, Richard H.
 Ward, Fraser P.
 Welch, Bruce L.

MAINE

Anthony, Vaughn C.
 Bourque, Peter M.
 Flagg, Lewis N.
 Graham, Joseph J.
 Gregory, Richard W.
 Ring, Paul D.
 Schemnitz, Sanford D.

NORTH CAROLINA

Adams, David A.
 Baker, W. Donald
 Banks, Roger L.
 Bell, C.R.
 Birchfield, Larry J.
 Burton, Gerald L.
 Cherry, Solomon T. Jr.
 Cooper, Arthur W.
 Dooley, James K.
 DuMond, David M.
 Griffin, John M.
 Hayne, Don W.
 Johnson, Harrel B.
 Kroger, Richard L.
 Mason, Robert E.
 Melack, John M.
 Monschein, Tom D.
 Outen, Ronald B.
 Parnell, James F.
 Perry, Thomas O.
 Sjolseth, Danny E.
 Stephenson, Don W.
 Tarplee, William H., Jr.
 Tyus, Harold M.

NEW HAMPSHIRE

Croker, Robert A.
 Forste, Robert H.
 Jonasch, John J.
 Moutz, William W.
 Patrick, David K.
 Stackhouse, Larry L.

NEW JERSEY

Ferrigno, Fred
 Follmann, Erich H.
 Griffo, James V.
 Hastings, Robert W.
 Jones, Walter A.
 Nadeau, Royal J.
 Richkus, William A.
 Zolley, Robert A.

NEW YORK

Barans, Charles A.
 Barash, David P.
 Boddicker, Major I.
 Cahn, Phyllis H.
 Chailer Jr., Jack D.
 Chamberlain, James L.
 Coleates, Richard C.
 Culp, Terry E.
 Cutright, Noel J.
 Dalgleish, Robert C.
 Engel, Ronald A.
 Eustance, William E.
 Fairchild Robert P.
 Foley, Donald D.
 Foley, Donald D.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)FISH & WILDLIFE CONSERVATION
NEW YORK

Forbes, James E.
 Forney, John L.
 Gehris, Clarence W.
 George, Carl J.
 Jackson, Daniel F.
 Kaczynski, Victor W.
 Kessell, Stephen F.
 Klonick, Allan S.
 Liquori, Vincent F.
 Little Jr., Frank J.
 Massaro, Edward J.
 McRugh, John L.
 Mitchell, Harold D.
 Neumaier, Gerhard J.
 Peakall, David B.
 Pimentel, David
 Pough, F. Harvey
 Rehwoaldt, Robert E.
 Ritchie, Gary A.
 Snelling, John C.
 Spagnoli, John J.
 Tramontano, John P.
 Vandruff, Larry W.
 Walcott, Charles
 Webb, William L.
 Werner, Robert G.
 Willcox, Henry H., III
 Williams, Bolton S.
 Wilson, Lee

PENNSYLVANIA

Alden, Jon C.
 Barnett, L. Bruce
 Catalano, Raymond A.
 Chase, Craig C.
 Clark, Richard J.
 Cooper, Edwin L.
 Denoncourt, Robert P.
 Feuer, Robert C.
 Freeland, David B.
 Harper III, James S.
 Hartman, Fred E.
 Hayden, Robert P.
 Heiney, Clayton L.
 Heisey, Paul G.
 Henshaw, Robert E.
 Jeffers, Edmund E.
 Johnson, Andrew L.
 Kirkland, Gordon L., Jr.
 McCoy, Clarence J.
 McDaniel, Michael D.
 McKee, Guy W.
 Moore, John R.
 Poe, Thomas P.
 Reed, Lanny W.
 Scherer, Robert C.
 Snyder, Donald B.
 Snyder, Jonas L.
 Stira, Robert J.
 Stutz, Sherwood S.

RHODE ISLAND

Busby, Charles C.
 Eisler, Ronald
 Golet, Frank C.
 Reppner, Frank H.
 Jeffries, Perry
 Salla, Saul E.

VIRGINIA

Andrews, Jay D.
 Bailey, Randy E.
 Birdsong, Ray S.
 Bradley, Sterling G.
 Bryson, William T.
 Cliff, Edward P.
 Conroy, John H.
 Crawford, Hewlette S.
 Damalas, Andinos F.
 Dowling, Paul Bruce
 Giles, Robert H., Jr.
 Harlow, Richard F.
 Rocutt, Charles H.
 Cooper, Robert G.
 Jenkins, Robert E.
 Lanier, James A.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)FISH & WILDLIFE CONSERVATION
VIRGINIA

Lynch, Maurice P.
 Nyquist, David
 Odum, William E.
 Pierce, Phillip C.
 Prosser, Norville S.
 Richards, Clarence F.
 Schreck, Carl E.
 Slocumb, John F.
 Taylor, Warren H.
 Tuthill, Bartley F.
 Wass, Marvin L.

VERMONT

Parrar, Richard B.
 Horst, G. Poy

WEST VIRGINIA

Bayless, Laurence F.
 Fuchs, Everett H.
 Gasper, Donald C.
 Jenkins, Charles F.
 Jernejcic, Frank A.
 Kutscheid, Ben B.
 Nelson, Charles W.
 Ozmina, David J.
 Samuel, David E.
 Schulz, Arnold F.
 Smith, Robert L.

FISH RESOURCE PRODUCTION

MASSACHUSETTS

Parrack, Michael L.

FLOOD CONTROL

CONNECTICUT

Camp, Wofford B., Jr.
 Marcy, Barton C.
 McGuinness, William V.
 Miner, Dallas D.
 Zoellner, David R.

DISTRICT OF COLUMBIA

Aron, William I.
 Jenkins, Dale W.
 Keup, Lowell, F.
 Riley, David F.
 Schueler, Robert L.
 Skoog, Ronald O.
 Walker, Charles R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Drury, William H.
 Harleman, Donald R.
 Larson, Joseph S.
 Miller, A. Richard
 Mugford, Paul S.
 Old, Warren T. Jr.
 Satterwhite, Melvin B.
 Spaulding, Willard M., Jr.

MARYLAND

Beal, Kenneth L.
 Cutcher, Joseph J.
 Stanton, Gary C.
 Wagner, Richard H.
 Ward, Fraser P.

MAINE

Bourque, Peter M.
 Flagg, Lewis N.

NORTH CAROLINA

Adams, David A.
 Baker, W. Donald
 Banks, Roger L.
 Burton, Gerald L.
 Howells, David H.
 Johnson, Harrel B.
 Kroger, Richard L.
 Monschein, Tom D.
 Outen, Ronald P.
 Stolseth, Danny F.
 Tyus, Harold M.

NEW HAMPSHIRE

Forste, Robert H.

NEW JERSEY

Blumeling, Charles III

NEW YORK

Foley, Donald D.
 Foley, Donald D.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

FLOOD CONTROL

NEW YORK

Kessell, Stephen F.
Lopez, Glenn R.
Magorian, Thomas F.
Olson, Gerald, W.
Ritchie, Gary A.
Wikstrom, Leonard L.
Wilson, Lee

PENNSYLVANIA

Browne, Francis X.
Chase, Craig C.
Clark, Richard J.
Davis, George M.
Denoncourt, Robert F.
Hayden, Robert P.
Heiney, Clayton L.
Johnson, Andrew L.
Keefer, Scott D.

RHODE ISLAND

Halvorson, William I.
Saila, Saul B.

VIRGINIA

Andrews, Jay D.
Conroy, John H.
Giles, Robert H., Jr.
Kelly, Mahlon G.
Menyhert, William R.
Pierce, Phillip C.
Prosser, Norville S.
Slocomb, John P.
Tuthill, Bartley E.

WEST VIRGINIA

Fuchs, Everett H.
Gasper, Donald C.
Godno, Edward J.
Kutscheid, Ben B.
Nelson, Charles W.
Schulz, Arnold P.

FLOOD CONTROL WATER QUALITY CONTROL

PENNSYLVANIA

Hartman, Fred E.

FORAGING AREA - COASTAL ZONES

DISTRICT OF COLUMBIA

Davis, William Price

FORESTRY

CONNECTICUT

Damman, Antoni W.
Egler, Frank E.
Kelley, Roger W., Jr.
Lukens, Raymond J.
Mitchell, Kenneth J.
Smith, David M.
Smith, William H.

DISTRICT OF COLUMBIA

Aron, William I.
Evenden, Fred G.
Grandy, John W., IV
Jenkins, Dale W.
Marmelstein, Allan D.
Mcore, Jerry A.
Riley, David F.
Skoog, Ronald G.

MASSACHUSETTS

Cassista, A. Jon
Clark, Janet I.
Coppinger, Raymond F.
Gorden, Morton
Old, Warren T. Jr.
Snyder, Benjamin W.
Spaulding, Willard M., Jr.
Stuart, Alastair M.
Weeks, Martin E.

MARYLAND

Beal, Kenneth L.
Pearson, James G.
Pinkham, Carlos F.A.
Pcyner, Martin M.
Stoneburner, Daniel L.
Wagner, Richard H.
Ward, Fraser P.

MAINE

Bourque, Peter M.
Flagg, Lewis N.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

FORESTRY

NORTH CAROLINA

Baker, W. Donald
 Buol, Stanley W.
 Burton, Gerald L.
 Cherry, Solomon T. Jr.
 Davey, Charles B.
 Haines, Leroy W.
 Melack, John M.
 Monschein, Tom D.
 Perry, Thomas O.
 Ralston, Charles W.
 Sanderford, Sharon G.
 Sjolseth, Danny E.
 Stephenson, Don W.

NEW HAMPSHIRE

Federer, C. Anthony
 Ford, Robert P.
 Forste, Robert H.
 Leonard, Raymond E.
 Patrick, David K.

NEW JERSEY

Caccamise, Donald F.
 Jones, Walter A.
 Stout, Benjamin B.

NEW YORK

Barton, James D., Jr.
 Chamberlain, James L.
 Craul, Phillip J.
 Crouse, Barry W.
 Eustance, William F.
 Gehris, Clarence W.
 Geis, James W.
 George, Carl J.
 Goodland, Robert J.
 Kessell, Stephen F.
 Lanier, Gerald N.
 LaRoche, Germain E.
 Likens, Gene F.
 Magorian, Thomas F.
 Olson, Gerald, W.
 Peet, Robert K.
 Pimentel, David
 Simeone, John R.
 Stone Jr., Earl L.
 Webb, William L.
 Willcox, Henry H., III

PENNSYLVANIA

Chase, Craig C.
 Hartman, Fred E.
 Heiney, Clayton L.
 Jeffers, Edmund E.
 Johnson, Andrew L.
 Reed, Lanny W.
 Stern, Arthur M.
 Ward, Wilber W.

RHODE ISLAND

Halvorson, William L.

VIRGINIA

Cliff, Edward P.
 Conroy, John H.
 Crawford, Hewlette S.
 Dowling, Paul Bruce
 Harlow, Richard F.
 Harvill, Alton M.
 Hinckley, Alden D.
 Hooper, Robert G.
 Lemmon, Paul E.
 Rohde, Wayne G.
 Tuthill, Bartley E.

VERMONT

Wodehouse, Dora E.
 Wood, Glen M.

WEST VIRGINIA

Goodno, Edward J.
 Kutscheid, Ben B.
 Lee, Richard
 Ozmina, David J.
 Samuel, David E.
 Schmude, Keith O.
 Schulz, Arnold F.
 Smith, Robert L.

FORESTRY PLANT COMMUN. MANAGEMENT

WEST VIRGINIA

Swan, Frederick R., Jr.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PODLING

DISTRICT OF COLUMBIA

Banta, William C.

HEATED DISCHARGE

PENNSYLVANIA

Alden, Jon C.

HIGHWAYS

CONNECTICUT

Egler, Frank F.

Kelley, Roger W., Jr.

Lefor, Michael W.

DISTRICT OF COLUMBIA

Aron, William I.

Grandy, John W., IV

Hufford, Terry L.

Riley, David F.

Wade, Richard L.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.

Banks, Oneil M.

Camougis, George

Crusberg, Theodore C.

Gorden, Morton

Johnson, James E.

Kricher, John C.

Miller, A. Richard

Mugford, Paul S.

Old, Warren T. Jr.

Parrack, Michael I.

Snyder, Benjamin W.

Spaulding, Willard M., Jr.

MARYLAND

Andrews, Ralph

Lees, Aldridge L., Jr.

Wagner, Richard H.

Wagner, Richard H.

Ward, Fraser P.

MAINE

Bourque, Peter M.

Flagg, Lewis N.

Major, Charles W.

NORTH CAROLINA

Adams, David A.

Baker, W. Donald

Birchfield, Larry J.

Burton, Gerald L.

DuMond, David M.

Outen, Ronald B.

NEW JERSEY

Blumeling, Charles III

Leck, Charles F.

NEW YORK

Cassin, Joseph M.

Foley, Donald D.

Forbes, James E.

Gehris, Clarence W.

George, Carl J.

Goldstein, Bernard D.

Klonick, Allan S.

Likens, Gene E.

Magorian, Thomas E.

Olson, Gerald, W.

Paulson, Glenn L.

Spagnoli, John J.

Squires, Donald F.

Suzuki, Jon E.

Wikstrom, Leonard I.

PENNSYLVANIA

Bardarik, Daniel G.

Browne, Francis X.

Chase, Craig C.

Hartman, Fred F.

Hayden, Robert P.

Henshaw, Robert E.

Keefer, Scott D.

McKee, Guy W.

Reed, Lanny W.

Scherer, Robert C.

Snyler, Jonas L.

RHODE ISLAND

Golet, Frank C.

VIRGINIA

Bradley, Sterling G.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

HIGHWAYS

VIRGINIA

Cliff, Edward P.
 Cenroy, John H.
 Giles, Robert H., Jr.
 Lynch, Maurice P.
 Nyquist, David
 Prosser, Norville S.
 Slocomb, John P.
 Tuthill, Bartley F.
 Westfield, James E.

VERMONT

Wood, Glen M.

WEST VIRGINIA

Behling, Robert E.
 Fuchs, Everett H.
 Gasper, Donald C.
 Goodno, Edward J.
 Jenkins, Charles R.
 Jernejcic, Frank A.
 Linsky, Benjamin
 Ozmina, David J.
 Schmude, Keith G.
 Schulz, Arnold P.
 Singh, Rabindar Nath

HISTORIC PRESERVATION

VIRGINIA

Shackelford, George G.

HOUSING CONSTRUCTION

PENNSYLVANIA

Arnold, Dean E.

HYDROELECTRIC POWER

CONNECTICUT

Marcy, Barton C.
 Szechman, Raphael J.

DISTRICT OF COLUMBIA

Aron, William I.
 Jameson, Robert M.
 Keup, Lowell, P.
 Riley, David F.
 Schueler, Robert L.
 Skoog, Ronald O.
 Wade, Richard L.
 Walker, Charles R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Ccle, Charles F.
 Harleman, Donald R.
 Old, Warren T. Jr.
 Rizzo, Benedetto
 Rowe, Gilbert T.
 Spaulding, Willard M., Jr.
 Stuart, Alastair M.
 Yentsch, Charles S.

MARYLAND

Andersen, Aven M.
 Fcerster, John W.
 Ward, Fraser P.

MAINE

Flagg, Lewis N.
 Graham, Joseph J.

NORTH CAROLINA

Baker, W. Donald
 Burton, Gerald L.
 Frame, David W.
 Stjolseth, Danny E.
 Stephenson, Don W.
 Weiss, Charles M.

NEW HAMPSHIRE

Jonasch, John J.

NEW JERSEY

Caccamise, Donald F.
 Milstein, Charles E.
 Nadeau, Royal J.

NEW YORK

Challer Jr., Jack E.
 Dalglish, Robert C.
 Goodland, Robert J.
 Kaczynski, Victor W.
 Kessell, Stephen R.
 Magorian, Thomas R.
 Paulson, Glenn L.
 Ritchie, Gary A.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

HYDROELECTRIC POWER

PENNSYLVANIA
 Bardarik, Daniel G.
 Denoncourt, Robert P.
 Hayden, Robert P.
 Heisey, Paul G.
 Scherer, Robert C.

RHODE ISLAND
 Eisler, Ronald
 Prager, Jan C.
 Salla, Saul B.

VIRGINIA
 Cairns, Jr., John
 Conroy, John H.
 Dickson, Kenneth I.
 Dowling, Paul Bruce
 Hocutt, Charles H.
 Kelly, Mahlon G.
 Pierce, Phillip C.
 Schreck, Carl B.

VERMONT
 Starbuck, George W.

WEST VIRGINIA
 Gasper, Donald C.
 Goodno, Edward J.
 Kutscheid, Ben B.
 Nelson, Charles W.
 Samuel, David E.

IMPACT ON BIRDS

PENNSYLVANIA
 Freeland, David B.

INDUSTRY POLLUTION

MARYLAND
 Andersen, Aven M.

IRRIGATION

CONNECTICUT
 Camp, Wofford B., Jr.

DISTRICT OF COLUMBIA
 Aron, William I.
 Keup, Lowell, F.
 Riley, David P.
 Schueler, Robert I.
 Walker, Charles R.

MASSACHUSETTS
 Golub, Samuel J.
 Harleman, Donald F.
 Spaulding, Willard M., Jr.

NORTH CAROLINA
 Burton, Gerald L.
 Davey, Charles B.
 Howells, David H.
 Kroger, Richard L.
 Stolseth, Danny E.

NEW JERSEY
 Douglas, Lowell A.

NEW YORK
 Kessell, Stephen F.
 LeBaron, Homer M.
 Magorian, Thomas R.
 Olson, Gerald, W.
 Terry, Orville W.

PENNSYLVANIA
 Hayden, Robert P.
 Kardos, Louis T.
 Wood, Gene W.

VIRGINIA
 Conroy, John H.
 Kelly, Mahlon G.
 Pierce, Phillip C.
 Slocumb, John P.

WEST VIRGINIA
 Moe, Paul G.
 Nelson, Charles W.
 Ozmina, David J.

LAND DEVELOPMENT

NEW YORK
 Rehwoldt, Robert E.

LEVEES/DIKES

CONNECTICUT
 Bonjorno, Salvatore P.
 Camp, Wofford B., Jr.
 Gorski, Leon J.

DISTRICT OF COLUMBIA
 Aron, William I.
 Coggeshall, Dale T.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

LEVEES/DIKES
DISTRICT OF COLUMBIA
Riley, David F.
Schueler, Robert I.
DELAWARE
Connell, Walter A.
Louder, Darrell E.
MASSACHUSETTS
Old, Warren T. Jr.
Satterwhite, Melvin B.
Spaulding, Willard M., Jr.
MARYLAND
Andrews, Ralph
Beal, Kenneth L.
Catcher, Joseph J.
Sipple, William S.
Ward, Fraser P.
NORTH CAROLINA
Adams, David A.
Baker, W. Donald
Banks, Roger L.
Burton, Gerald L.
Sjolseth, Danny E.
Stephenson, Don W.
Tys, Harold M..
NEW JERSEY
Blumeling, Charles III
Ferrigno, Fred
NEW YORK
Foley, Donald D.
Foley, Donald D.
Magorian, Thomas R.
Ritchie, Gary A.
PENNSYLVANIA
Chase, Craig C.
Hayden, Robert P.
RHODE ISLAND
Busby, Charles C.
VIRGINIA
Birdsong, Ray S.
Conroy, John W.
Marshall, Harold G.
Menyhert, William R.
Pierce, Phillip C.
WEST VIRGINIA
Fuchs, Everett R.
Goodno, Edward J.
Kutscheid, Ben B.
Nelson, Charles W.
Schulz, Arnold P.
LONG RANGE PLANS
MASSACHUSETTS
Gorden, Morton
MARINAS
MARYLAND
Sipple, William S.
MINE ACID DRAINAGE
DISTRICT OF COLUMBIA
Packer, Randall K.
MODEL SYSTEMS
NEW JERSEY
Brown, Thomas E.
MULTIDISCIPLINARY APPROACH TO DISEASE CONTROL
MARYLAND
Price, Donald L.
NATURAL AREAS
WEST VIRGINIA
Kutscheid, Ben B.
NAVIGATION
CONNECTICUT
McGuinness, William V.
Porter, James W.
DISTRICT OF COLUMBIA
Aron, William I.
Riley, David F.
Schueler, Robert I.
Walker, Charles R.
DELAWARE
Louder, Darrell E.
MASSACHUSETTS
Harleman, Donald R.
Old, Warren T. Jr.
Rowe, Gilbert T.
Spaulding, Willard M., Jr.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

NAVIGATION
 MARYLAND
 Beal, Kenneth L.
 Hughes, Kent H.
 Wilson, John S.

MAINE
 Flagg, Lewis N.

NORTH CAROLINA
 Adams, David A.
 Baker, W. Donald
 Banks, Roger L.
 Burton, Gerald L.
 DuMond, David M.
 Lyman, John
 Sjolseth, Danny E.
 Tyus, Harold M.

NEW JERSEY
 Blumeling, Charles III
 Schaefer, Edward D.

NEW YORK
 Foley, Donald D.
 Kessell, Stephen F.
 Magorian, Thomas R.
 Neumaier, Gerhard J.
 Pcsmentier, Eric S.
 Ritchie, Gary A.
 Terry, Orville W.

PENNSYLVANIA
 Vccris, Harold K.

VIRGINIA
 Conroy, John H.
 Kelly, Mahlon G.
 Pierce, Phillip C.

WEST VIRGINIA
 Goodno, Edward J.
 Kutscheid, Een B.
 Nelson, Charles W.

NEW CITIES ACT-CITIES
 NEW YORK
 Forbes, James E.

NUCLEAR POWER
 NORTH CAROLINA
 Lyman, John

NUCLEAR POWER PLANTS
 NEW YORK
 Kaczynski, Victor W.

OCEAN DUMPING
 MASSACHUSETTS
 Rowe, Gilbert T.

ODORANTS
 MARYLAND
 Slotnick, Burton F.

OIL POLLUTION
 MASSACHUSETTS
 Farrington, John W.

ORGANIC WASTES
 CONNECTICUT
 Edwards, Stephen J.

PARKS, RECREATIONAL FACILITIES
 CONNECTICUT
 Buck, John D.
 Damman, Antohi W.
 Duffy, Regina M.
 Gorski, Leon J.
 Haeni, Frank R.
 Kelley, Roger W., Jr.
 Lefor, Michael W.
 Lukens, Raymond J.
 Miner, Dallas D. Schoonveld, Gene G.

DISTRICT OF COLUMBIA
 Aron, William I.
 Coggeshall, Dale T.
 Evenden, Fred G.
 Grandy, John W., IV
 Hay, Keith G.
 Jcnes, Fred L.
 Marmelstein, Allan D.
 McCore, Jerry A.
 Riley, David F.
 Skoog, Ronald O.
 Wheatley, James R.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PARKS, RECREATIONAL FACILITIES

MASSACHUSETTS

Adrian, Donald D.
 Cassista, A. Jon
 Clarke, George L.
 Ccppinger, Raymond P.
 Flory, Gerard E.
 Gorden, Morton
 Lazell, Jr., James D.
 Miller, A. Richard
 Mugford, Paul S.
 Nickerson, Norton H.
 Snyder, Benjamin W.
 Spaulding, Willard M., Jr.

MARYLAND

Andrews, Ralph
 Foerster, John W.
 Pearson, James G.
 Peterson, Charles H.
 Pinkham, Carlos F.A.
 Pcyner, Martin M.
 Sipple, William S.
 Stanton, Gary C.
 Wagner, Richard H.
 Ward, Fraser P.
 Welch, Bruce L.

MAINE

Bourgue, Peter M.
 Flagg, Lewis N.
 Major, Charles W.

NORTH CAROLINA

Baker, W. Donald
 Bell, C.R.
 Burton, Gerald L.
 Dooley, James K.
 DuMond, David M.
 Mason, Robert E.
 Monschein, Tom D.
 Outen, Ronald E.
 Perry, Thomas O.
 Stephenson, Don W.

NEW HAMPSHIRE

Forste, Robert H.
 Patrick, David K.

NEW JERSEY

Blumeling, Charles III
 Gittleson, Stephen M.
 Jones, Walter A.
 Leck, Charles F.
 Miller, Brinton M.
 Stout, Benjamin B.

NEW YORK

Chamberlain, James L.
 Coleates, Richard C.
 Dalglish, Robert C.
 Foley, Donald D.
 Foley, Donald D.
 Forbes, James E.
 Gehris, Clarence W.
 George, Carl J.
 Goodland, Robert J.
 Jackson, Daniel F.
 Kessell, Stephen F.
 Klonick, Allan S.
 Neumaier, Gerhard J.
 Peet, Robert K.
 Ritchie, Gary A.
 Savage, Joseph E.
 Schlauch, Frederick C.
 Smith, Stephen B.
 Spagnoli, John J.
 Squires, Donald F.
 Wilson, Lee

PENNSYLVANIA

Chase, Craig C.
 Denoncourt, Robert F.
 Hartman, Fred E.
 Hayden, Robert P.
 Heiney, Clayton L.
 Henshaw, Robert E.
 Johnson, Andrew L.
 Keefer, Scott D.
 Li, Hul L.
 McCoy, Clarence J.
 Reed, Lanny W.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PARKS, RECREATIONAL FACILITIES

PRODE ISLAND

Halvorsen, William L.
Nixon, Scott W.

VIRGINIA

Bishop, John W.
Blum, Charles R.
Bradley, Sterling
Cliff, Edward P.
Conroy, John H.
Crawford, Hewlette S.
Dowling, Paul Bruce
Giles, Robert H., Jr.
Hanavalt, Forde B.
Harvill, Elton J.
Hogger, Robert G.
Richards, Clarence E.
Pohde, Wayne G.
Schreck, Carl B.
Taylor, Warren H.
Tuthill, Bartley E.

VERMONT

Farrar, Richard B.
Villavic, Richard J.
Wood, Glen M.

WEST VIRGINIA

Barnard, Lawrence E.
Fuchs, Everett H.
Hagood, Donald G.
Gosno, Edward J.
Jenkins, Charles R.
Kutscheid, Ben B.
Lee, Richard
Schmidt, Keith G.
Schultz, Arnold E.

PEST CONTROL

MASSACHUSETTS

Parrell, Jr., James D.

CONNECTICUT

Egler, Frank E.
Kelley, Roger W., Jr.
Lefor, Michael H.
Lukens, Raymond J.
Minor, Dallas T.
Shaw, David G.
Smith, David M.
Smith, Dwight C.
Smith, William H.

DISTRICT OF COLUMBIA

Aron, William I.
Bushman, John E.
Coggeshall, Dale T.
Davis, William Price
Grady, John H., IV
Holts, Manfred E.
Moore, Jerry A.
Page, Robert E.
Paley, David F.
Russell, Harold G., Jr.
Shody, Ronald C.
Wade, Richard L.
Walker, Charles R.
Ward, Forisid A.
Wheatley, James R.

DELAWARE

Connell, Walter A.
Dill, Morris H.
Fisher, Darrell E.

MASSACHUSETTS

Adrian, Donald P.
Bennett, Vaughan T.
Bennett, George
Bassista, A. Jun
Cole, Charles E.
Cousins, Theodore L.
Drury, William G.
Gorden, Morton
Harvey, George K.
Hatcher, John L.
Hatch, Jr., James D.
Nickerson, Morton H.
O'Neil, Ernest
O'Neil, Paul J.
O'Neil, William H., Jr.

TABLE 4 IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PESTICIDES, HERBICIDES

MASSACHUSETTS

Weeks, Martin P.
Yentsch, Charles S.

MARYLAND

Bay, Ernest C.
Bender, Edward S.
Caugille, Charles H.
Cummings, Edward G.
Forster, William C.
Henny, Charles J.
Hershaff, Alex
Khattat, Eadnill H.
Mangiafico, Joseph G.
Morgan, Raymond P.
Pearson, James G.
Pinkham, Charles F.
Pcyner, Martin M.
Stanton, Gary C.
Ward, Fraser P.
Wessel, Carl J.
Wymer, William H.

MAINE

Bourque, Peter M.
Plagg, Lewis N.

NORTH CAROLINA

Baker, W. Donald
Burton, Gerald L.
Davey, Charles B.
Elder, Alfred S.
Frame, David W.
Haines, Leroy W.
Hayne, Don W.
Howells, David H.
Lammers, William J.
Monschein, Tom D.
Phillips, Walter E., Jr.
Stolseth, Danny E.
Stephenson, Don W.
Weber, Jerome E.

NEW HAMPSHIRE

Ford, Robert P.
Forste, Robert H.
Wheeler, Ellsworth H.

NEW JERSEY

Ahmad, Sami
Dysart, Richard J.
Ferrigno, Fred
Frances, Saul
Framer, David
Shankoltzer, Sheryl E.
Trautenberg, Gerald A.
Wehner, Donald C.
Weis, Pauline

NEW YORK

Beehle, John, Jr.
Craul, Phillip J.
Cutright, Noel J.
Engel, Ronald A.
Erickson, James M.
Eustance, William S.
Foley, Donald D.
Forbes, James E.
Friedhoff, Arnold W.
George, Carl J.
Hegar, Terry M.
Jannback, Hugo M.
Kaczynski, Victor W.
Klonick, Allan S.
LeBaron, Homer M.
Likens, Gene F.
Majorian, Thomas J.
Massaro, Edward G.
Morris, Charlie D.
Paulson Jr., Donald L.
Paulson, Glenn T.
Reynolds, Ray J.
Pimentel, David
Powell, Paul F.
Rice, Clifford P.
Roman, Nicole L.
Rolt, Richard E.
Savage, John
Sizone, John A.
Squires, Donald

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PESTICIDES, HERBICIDES

NEW YORK

Stalter, Richard
Vandruff, Larry W.
Willcox, Henry H., III

PENNSYLVANIA

Anderson, Bertil G.
Bardarik, Daniel G.
Berkoff, Charles F.
Bollag, Jean-Marc
Cramer, Richard D.
Hartman, Fred E.
Heiney, Clayton L.
Johnson, Andrew L.
Majumdar, Shyamal K.
Shultz, Harvey A.
Snyder, Donald B.
Stern, Arthur M.

RHODE ISLAND

Eisler, Ronald

VIRGINIA

Bradley, Sterling G.
Bradley, Sterling G.
Cairns, Jr., John
Cliff, Edward P.
Conroy, John H.
Hill, Richard L.
Hinckley, Alden D.
Odum, William E.
Prosser, Norville S.
Rohde, Wayne G.
Scanlon, Patrick F.
Schreck, Carl B.
Waters, William E.

VERMONT

Wdehouse, Dora E.
Wood, Glen M.

WEST VIRGINIA

Pore, Robert S.
Samuel, David E.
Schulz, Arnold F.
Ulrich, Valentin

PROTECTION/JETTIES LAKES

VIRGINIA

Nyquist, David

PULP MILL SITING

NORTH CAROLINA

Stolseth, Danny E.

RADIATIONS AND ISOTOPES

PENNSYLVANIA

Osborne, Thomas S.

RESERVOIR RELEASES

CONNECTICUT

Camp, Wofford B., Jr.
Gorski, Leon J.
Kelley, Roger W., Jr.

DISTRICT OF COLUMBIA

Aron, William I.
Jimeson, Robert M.
Keup, Lowell, P.
Riley, David P.
Schueler, Robert L.
Walker, Charles R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Cole, Charles F.
Domermuth, Robert B.
Harleman, Donald R.
Johnson, James E.
Old, Warren T. Jr.
Parrack, Michael L.
Rho, Jinnque
Spaulding, Willard M., Jr.

MARYLAND

Stanton, Gary C.

MAINE

Bourque, Peter M.
Flagg, Lewis N.
Gregory, Richard W.

NORTH CAROLINA

Baker, W. Donald
Burton, Gerald L.
Kroger, Richard L.
Lammers, William T.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

RESERVOIR RELEASES

NORTH CAROLINA

Sjølseth, Danny E.
Stephenson, Don W.
Weiss, Charles M.

NEW HAMPSHIRE

Forste, Robert H.

NEW JERSEY

Blumeling, Charles III
McCormick, Jon M.
Milstein, Charles E.

NEW YORK

Fustance, William E.
Foley, Donald D.
Jackson, Daniel F.
Lopez, Glenn R.
Magorian, Thomas R.
Ritchie, Gary A.
Wilson, Lee

PENNSYLVANIA

Hartman, Fred E.
Hayden, Robert P.
Heiney, Clayton L.
Heisey, Paul G.

VIRGINIA

Birdsong, Ray S.
Cairns, Jr., John
Conroy, John H.
Kelly, Mahlon G.
Nyquist, David
Pierce, Phillip C.
Slocumb, John P.
Westfield, James D.

WEST VIRGINIA

Gaspar, Donald C.
Goodno, Edward J.
Kutscheid, Ben B.
Nelson, Charles W.
Ozmina, David J.
Schulz, Arnold F.

RESERVOIRS/DAMS

CONNECTICUT

Camp, Wofford E., Jr.
Gorski, Leon J.
McGuinness, William V.
Miner, Dallas D.

DISTRICT OF COLUMBIA

Aron, William I.
Grandy, John W., IV
Hufford, Terry L.
Jenkins, Dale W.
Jameson, Robert M.
Keup, Lowell, F.
Malone, Winfred F.
Moore, Jerry A.
Riley, David F.
Schueler, Robert L.
Skoog, Ronald C.

DELAWARE

Lucder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.
Camougis, George
Ccle, Charles F.
Dillingham, James H.
Domermuth, Robert E.
Gorden, Morton
Harleman, Donald F.
Old, Warren T. Jr.
Parrack, Michael I.
Rho, Jinnque
Rizzo, Benedetto
Satterwhite, Melvin B.
Soukup, Michael A.
Spaulding, Willard M., Jr.
Stuart, Alastair M.

MARYLAND

Ray, Ernest C.
Beal, Kenneth L.
Cooper, John F.
Eberster, John W.
Surtz, Martin E.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

RESERVOIRS/DAMS

MARYLAND

Stanton, Gary C.
Ward, Fraser P.

MAINE

Bourque, Peter M.
Flagg, Lewis N.
Gregory, Richard W.

NORTH CAROLINA

Baker, W. Donald
Banks, Roger L.
Bell, C.R.
Birchfield, Larry J.
Burton, Gerald L.
Cooper, Arthur W.
Hayne, Don W.
Howells, David H.
Johnson, Harrel B.
Kroger, Richard L.
Lammers, William T.
Mason, Robert E.
Monschein, Tom D.
Outen, Ronald B.
Stolseth, Danny E.
Starn, Robert H.
Stephenson, Don W.
Tyus, Harold M.

NEW HAMPSHIRE

Jonasch, John J.

NEW JERSEY

Blumeling, Charles III
Gittleson, Stephen M.
Jones, Walter A.

NEW YORK

Culp, Terry R.
Dalglish, Robert C.
Eustance, William F.
Foley, Donald D.
Ferber, James E.
George, Carl J.
Goodland, Robert J.
Grzybowski, Joseph A.
Hogan, Terry M.
Kaczynski, Victor W.
Kessell, Stephen R.
Lopez, Glenn R.
Magorian, Thomas R.
Marcus, Bernard A.
Neumaier, Gerhard J.
Olson, Gerald W.
Paulson, Glenn L.
Peet, Robert K.
Ritchie, Gary A.
Smith, Stephen B.
Werner, Robert G.
Wilson, Lee

PENNSYLVANIA

Bardarik, Daniel G.
Browne, Francis X.
Catalano, Raymond A.
Davis, George M.
Denoncourt, Robert F.
Fuller, Samuel L.H.
Ghiselin, Jon E.
Hartman, Fred E.
Rayden, Robert P.
Heiney, Clayton L.
Heisey, Paul G.
James, Richard L.
Johnson, Andrew L.
Keefer, Scott D.
McCoy, Clarence J.
McDaniel, Michael D.
Moore, John R.
Snyder, Jonas L.

VIRGINIA

Birdsong, Ray S.
Elew, Charles F.
Bradley, Sterling G.
Cairns, Jr., John
Conroy, John H.
Damalas, Andinos F.
Dickson, Kenneth L.
Dowling, Paul Bruce
Giles, Robert H., Jr.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

RESERVOIRS/DAMS

VIRGINIA

Hendricks, Albert C.
 Hocutt, Charles H.
 Jenkins, Robert E.
 Kelly, Mahlon G.
 Marshall, Harold G.
 Menyhart, William F.
 Nyquist, David
 Pierce, Phillip C. Parker, Bruce C.
 Prosser, Norville S.
 Slocomb, John P.
 Tuthill, Bartley E.

WEST VIRGINIA

Burrell, Robert
 Fuchs, Everett H.
 Gasper, Donald C.
 Gcodno, Edward J.
 Jernejcic, Frank A.
 Kutscheid, Een B.
 Nelson, Charles W.
 Ozmina, David J.
 Schulz, Arnold P.

RIGHTS OF WAY

NEW YORK

Goodland, Robert J.

SHORELINE PROTECTION

CONNECTICUT

Collier, Ries S.
 Kelley, Roger W., Jr.
 Lefor, Michael W.
 McGuinness, William V.

DISTRICT OF COLUMBIA

Aron, William I.
 Coggeshall, Dale T.
 Moore, Jerry A.
 Riley, David F.
 Schueler, Robert L.
 Woodard, Donald W.
 Yung, David K.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Gorden, Morton
 Lazell, Jr., James D.
 Nickerson, Norton H.
 Old, Warren T. Jr.
 Spaulding, Willard M., Jr.
 West, Arthur J.
 Yentsch, Charles S.
 Yentsch, Clarice M.

MARYLAND

Beal, Kenneth L.
 Foerster, John W.
 Sipple, William S.
 Ward, Fraser P.

MAINE

Bourque, Peter M.
 Flagg, Lewis N.
 Major, Charles W.
 Ring, Paul D.

NORTH CAROLINA

Adams, David A.
 Baker, W. Donald
 Banks, Roger L.
 Bellis, Vincent J.
 Burton, Gerald L.
 Coper, Arthur W.
 Davey, Charles B.
 Howells, David H.
 Lammers, William T.
 Monschein, Tom D.
 Sjolseth, Danny E.
 Tyus, Harold M.

NEW HAMPSHIRE

Hartwell, Allan D.

NEW YORK

Foley, Donald D.
 Foley, Donald D.
 Freudenthal, Hugo D.
 Gehris, Clarence W.
 Geis, James W.
 George, Carl J.
 Kaczynski, Victor W.
 Klonick, Allan S.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

SHORELINE PROTECTION

NEW YORK

Neumaier, Gerhard J.
Pcsmentier, Eric S.
Ritchie, Gary A.
Spagnoli, John J.
Webb, William L.
Wilson, Lee

PENNSYLVANIA

Chase, Craig C.
Hartman, Fred E.
Bayden, Robert P.
Heiney, Clayton L.
Vcris, Harold K.

RHODE ISLAND

Cook, David O.
Jeffries, Perry
Nixon, Scott W.

VIRGINIA

Baer, Lawrence J.
Birdsong, Ray S.
Boesch, Donald P.
Conroy, John H.
Dowling, Paul Bruce
Nyquist, David
Odum, William E.
Pierce, Phillip C.
Taylor, Warren B.
Wass, Marvin L.

WEST VIRGINIA

Fuchs, Everett B.
Gcodno, Edward J.
Kutscheid, Ben B.
Nelson, Charles W.
Schulz, Arnold F.
Zaltzman, Paul

SOC. & ECC. GROWTH

VIRGINIA

Conroy, John H.

SOIL EROSION

CONNECTICUT

Camp, Wofford B., Jr.
De Roc, Hendrik C.
Kelley, Roger W., Jr.
Lukens, Raymond J.

DISTRICT OF COLUMBIA

Aron, William I.
Coggeshall, Dale T.
Grandy, John W., IV
Jenkins, Dale W.
Keup, Lovell, F.
Riley, David F.
Wheatley, James R.
Woodard, Donald W.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.
Clark, Janet I.
Gorden, Morton
Lazell, Jr., James D.
Mugford, Paul S.
Nickerson, Norton F.
Parrack, Michael I.
Spaulding, Willard M., Jr.
Weeks, Martin E.

MARYLAND

Fcerster, John W.
Pearson, James G.
Stanton, Gary C.
Wagner, Richard H.
Ward, Fraser P.

MAINE

Bourque, Peter M.

NORTH CAROLINA

Baker, W. Donald
Banks, Roger L.
Enol, Stanley W.
Burton, Gerald L.
Davey, Charles E.
Raines, Leroy W.
Howells, David H.
Johnson, Harrel B.
Mcnschein, Tom D.
Outen, Ronald E.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

SOIL EROSION

NORTH CAROLINA

Perry, Thomas O.
Stephenson, Don W.
Weber, Jerome B.

NEW HAMPSHIRE

Hartwell, Allan D.

NEW JERSEY

Douglas, Lowell A.
Follmann, Erich H.

NEW YORK

Dalgleish, Robert C.
Gehris, Clarence W.
George, Carl J.
Goodland, Robert J.
Klonick, Allan S.
LeBaron, Homer M.
Likens, Gene F.
Magorian, Thomas B.
Olson, Gerald, W.
Omland, Per A.
Paulson Jr., Donald L.
Rehwooldt, Robert E.
Ritchie, Gary A.
Savage, Joseph E.
Stone Jr., Earl L.
Wikstrom, Leonard L.
Wilson, Lee

PENNSYLVANIA

Browne, Francis X.
Chase, Craig C.
Fuller, Samuel L.H.
Ghiselin, Jon B.
Heiney, Clayton L.
Johnson, Andrew L.
Kardos, Louis T.
Keefer, Scott D.
McKee, Guy W.
Petersen, Gary W.
Reed, Lanny W.

RHODE ISLAND

Busby, Charles C.
Halvorson, William L.

VIRGINIA

Rishop, John W.
Cairns, Jr., John
Cliff, Edward P.
Conroy, John H.
Harlow, Richard F.
Lemmon, Paul E.
Prosser, Norville S.
Slocumb, John P.
Tuthill, Bartley E.
Weber, Richard S.

VERMONT

Farrar, Richard B.
Villamil, Richard J.
Wood, Glen M.

WEST VIRGINIA

Fuchs, Everett H.
Gasper, Donald C.
Goodno, Edward J.
Kutscheid, Ben B.
Ozmina, David J.
Schmude, Keith G.
Schulz, Arnold F.
Singh, Rabindar Nath
Zaltzman, Raul
Zimolzak, Chester E.

SOLID WASTE

CONNECTICUT

Baum, Bernard

STRUCTURAL DETERIORATION BY INSECTS

NEW YORK

Simeone, John B.

TAILINGS, SPOILS DISPOSAL

CONNECTICUT

Kelley, Roger W., Jr.
Smith, Dwight G.

DISTRICT OF COLUMBIA

Aron, William T.
Keup, Lowell, F.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

TAYLINGS, SPOILS DISPOSAL
DISTRICT OF COLUMBIA
McCore, Jerry A.
Packer, Randall M.
Tiley, David F.
Skoog, Ronald O.
Wheatley, James R.
Woodard, Donald W.

DELAWARE
Lcuder, Darrell E.

MASSACHUSETTS
Crusberg, Theodore C.
Farrington, John W.
Golub, Samuel J.
Gorden, Morton
Johnson, James E.
Old, Warren T. Jr.
Spaulding, Willard M., Jr.
Weeks, Martin E.

MARYLAND
Cutcher, Joseph J.
Mangiafico, Joseph A.
Pearson, James G.
Pinckham, Carlos F.A.
Wagner, Richard H.
Ward, Fraser P.

MAINE
Flagg, Lewis N.
Major, Charles W.

NORTH CAROLINA
Adams, David A.
Baker, W. Donald
Banks, Roger L.
Burton, Gerald L.
Hobbie, John E.
Rowells, David H.
Outen, Ronald B.
Sjolseth, Danny E.
Stephenson, Don W.
Tyus, Harold M.

NEW HAMPSHIRE
Wheeler, Ellsworth H.

NEW JERSEY
McCormick, Jon M.
Miller, Brinton M.
Wehner, Donald C.

NEW YORK
Chailer Jr., Jack D.
Craul, Phillip J.
Ehrlich, Henry L.
Eisenbud, Merril
Foley, Donald D.
Gehris, Clarence W.
Jackson, Daniel F.
Klonick, Allan S.
Magorian, Thomas F.
McHugh, John L.
Savage, Joseph E.
Smith, Stephen B.
Squires, Donald F.
Stone Jr., Earl L.
Wilson, Lee

PENNSYLVANIA
Arnold, Dean F.
Bardarik, Daniel G.
Chase, Craig C.
Cooper, Edwin I.
Poster, Neal R.
Heiney, Clayton L.
Hinish, Wayne W.
Kardos, Louis T.
Keefer, Scott D.
Kirkland, Gordon I., Jr.
Koesterer, Martin G.
McDaniel, Michael D.
McKee, Guy W.
Reed, Lanny W.

RHODE ISLAND
Cook, David O.
Halvorson, William L.
Oviatt, Candace A.
Prager, Jan C.
Salla, Saul E.

VIRGINIA
Biffar, Thomas A.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

TAILINGS, SPOILS DISPOSAL
VIRGINIA

Birdsong, Ray S.
Cliff, Edward P.
Cenroy, John H.
Lemmon, Paul E.
Lynch, Maurice P.
Nyquist, David
Prosser, Norville S.
Slocomb, John P.
Westfield, James D.

WEST VIRGINIA

Godno, Edward J.
Keller, Edward C. Jr.
Kutscheid, Ben B.
Ozmina, David J.
Parks, John M.
Schmude, Keith O.
Schulz, Arnold F.
Singh, Rabindar Nath
Smith, Robert L.
Zaltzman, Raul Zimolzak, Chester

THERMAL EFFLUENT

NEW JERSEY

Milstein, Charles B.

TIDAL MARSHES IN GENERAL

CONNECTICUT

Lefor, Michael W.

URBAN AIR POLLUTION

NEW YORK

Pcsmentier, Eric S.

URBAN DEVELOPMENT

NEW YORK

Wilson, Lee

WASTE TREATMENT

NEW YORK

Freudenthal, Hugo D.

WATER QUALITY CONTROL

CONNECTICUT

Baum, Bernard
Bongiorno, Salvatore F.
Brown, Charles L.
Buck, John D.
Klattenberg, Ronald P.
Marcy, Barton C.
Martens, Christopher S.
Szechtmann, Raphael J.
Witschonke, Charles R.

DISTRICT OF COLUMBIA

Aron, William I.
Bcynton, Delano K., Jr.
Hufford, Terry L.
Jenkins, Dale W.
Jameson, Robert M.
Keup, Lowell, F.
Lanza, Guy R.
Riley, David F.
Schueler, Robert I.
Wade, Richard A.
Walker, Charles R.
Young, David K.

DELAWARE

Leuder, Darrell E.
Meldrim, John W.

MASSACHUSETTS

Adrian, Donald D.
Banks, Oneil M.
Camougis, George
Crusberg, Theodore C.
Farrington, John W.
Golub, Samuel J.
Gorden, Morton
Harleman, Donald S.
Hillman, Robert E.
Johnson, James F.
Lazell, Jr., James D.
Miller, A. Richard
Moore, Stephen F.
Nickerson, Norton H.
Old, Warren T. Jr.
Rho, Jinnque
Rove, Gilbert T.
Satterwhite, Melvin B.
Smith, Kenneth L., Jr.
Soukup, Michael A.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER QUALITY CONTROL

MASSACHUSETTS

Spaulding, Willard M., Jr.
Weeks, Martin E.
West, Arthur J.
Yentsch, Charles S.
Yentsch, Clarice M.

MARYLAND

Andersen, Aven M.
Cutcher, Joseph J.
Foerster, John W.
Forster, William C.
Hershaft, Alex
Hughes, Kent H.
Khattat, Fadhil H.
Mangiafico, Joseph A.
Pearson, James G.
Stanton, Gary C.
Storms, Stephen E.
Wagner, Richard H.
Ward, Fraser P.

MAINE

Bourgue, Peter M.
Flagg, Lewis N.
Ring, Paul D.

NORTH CAROLINA

Adams, David A.
Baker, W. Donald
Burton, Gerald L.
Cannon, Robert E.
Davey, Charles B.
Howells, David H.
Lammers, William T.
Phillips, Walter E., Jr.
Sjolseth, Danny E.
Tyus, Harold M.
Weiss, Charles M.

NEW HAMPSHIRE

Forste, Robert H.

NEW JERSEY

Bikales, Norbert M.
Blumeling, Charles III
Douglas, Lowell A.
Frances, Saul
Gittleson, Stephen M.
McCormick, Jon M.
Miller, Brinton M.
Schaefer, Edward D.
Trautenberg, Gerald A.
Wehner, Donald C.

NEW YORK

Cassin, Joseph M.
Chailer Jr., Jack D.
Dalglish, Robert C.
Dean, Walter E.
Eustance, William E.
Fairchild Robert F.
Foley, Donald D.
Foley, Donald D.
Freudenthal, Hugo D.
Jackson, Daniel F.
Kaczynski, Victor W.
Kessell, Stephen E.
Likens, Gene E.
Little Jr., Frank J.
Magorian, Thomas W.
Moskowitz, Paul D.
Neumaier, Gerhard J.
Paulson, Glenn L.
Rehwoaldt, Robert E.
Schumacher, George J.
White, James P.
Willcox, Henry H.
Williams, Bolton S.
Wilson, Lee

PENNSYLVANIA

Alden, Jon C.
Anderson, Bertil G.
Bardarik, Daniel G.
Browne, Francis X.
Catalano, Raymond A.
Chase, Craig C.
Cooper, Edwin L.
Hayden, Robert P.
Jeffers, Edmund E.

TABLE 1
 WATER RESOURCE DEVELOPMENT
 KEY RESPONDENTS LOCATION

WATER QUALITY CONTROL

PENNSYLVANIA

Johnson, Andrew L.
 Kardos, Louis J.
 Keefer, George R.
 Koesterer, Martin G.
 Majumdar, Shyamal K.
 McDaniel, Michael A.
 Snyder, James L.
 Stern, Arthur W.

RHODE ISLAND

Beckers, James M.
 Busby, Charles G.
 Cook, David O.
 Cox, Geraldine W.
 Eisler, Robert
 Jeffries, Larry
 Prager, Jan C.
 Wallace, Jr., George D.

VIRGINIA

Bitensong, Ray S.
 Bessie, Donald P.
 Bradley, Sterling G.
 Bradley, Sterling G.
 Cairns, Jr., Jean
 Canroy, John H.
 Hill, Richard L.
 Hocutt, Charles H.
 Kelly, Mahlon G.
 Menybert, William R.
 Nyquist, David
 Parker, Bruce C.
 Pierce, Phillip C.
 Schreck, Carl R.
 Slocumb, John P.
 Westfield, James D.

VERMONT

Farrar, Richard B.
 Jewell, William J.
 Starbuck, George W.

WEST VIRGINIA

Blackshaw, G. Lansing
 Burrell, Robert
 Fuchs, Everett H.
 Gasper, Donald C.
 Godno, Edward J.
 Jenkins, Charles F.
 Kutscheid, Ben B.
 Moe, Paul G.
 Nelson, Charles W.
 Ozina, David J.
 Schulz, Arnold F.
 Singh, Pabinder Nath
 Ulrich, Valentin
 Zaltzman, Paul

WATER RESOURCE DEVELOPMENT

CONNECTICUT

Bonciorno, Salvatore P.
 Brown, Charles L.
 Camp, Wofford B., Jr.
 Gorski, Leon J.
 Kelley, Roger W., Jr.
 Marcy, Barton C.
 McGuinness, William M.
 Miner, Dennis D.
 Porter, Peter J.
 Steinmetz, Charles Jr.
 Zoellner, David R.

DISTRICT OF COLUMBIA

Aron, William E.
 Davis, William Frank
 Grandy, John W., Jr.
 Hayes, Helen S.
 Kemp, Lowell P.
 Parker, Randall
 Riley, David P.
 Schuele, Robert L.
 Walker, Charles P.
 Wheatley, James R.

DELAWARE

Louder, Robert A.

MASSACHUSETTS

Asrian, Donald D.
 Giannidis, George
 Langford, Theodore

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER RESOURCE DEVELOPMENT
MASSACHUSETTS
Dillingham, James R.
Golub, Samuel J.
Gorden, Morton
Harleman, Donald R.
Hillman, Robert E.
Larson, Joseph S.
Miller, A. Richard
Nickerson, Norton H.
Old, Warren T. Jr.
Rho, Jinnque
Satterwhite, Melvin B.
Smith, Kenneth L., Jr.
Soukup, Michael A.
Spaulding, Willard M., Jr.
Weeks, Martin E.
West, Arthur J.
Wright, Richard T.

MARYLAND
Beal, Kenneth L.
Beal, Kenneth L.
Davis, Robert K.
Fenster, John W.
Hershaft, Alex
Hughes, Kent H.
Pearson, James G.
Rose, Cort D.
Schnell, Charles E.
Stanton, Gary C.
Storms, Stephen E.
Wagner, Richard H.
Ward, Fraser P.
Wilson, John S.

MAINE
Anthony, Vaughn C.
Flagg, Lewis W.
Ring, Paul D.

NORTH CAROLINA
Adams, David A.
Baier, Rodger W.
Baker, W. Donald
Banks, Roger L.
Burton, Gerald L.
Cannon, Robert E.
Cooper, Arthur W.
Davey, Charles B.
Hayne, Don W.
Howells, David H.
Johnson, Harrel B.
Lammers, William T.
Melack, John M.
Monschein, Tom D.
Outen, Ronald B.
Phillips, Walter E., Jr.
Sjolseth, Danny E.
Stephenson, Don W.
Tarplee, William H., Jr.
Tyus, Harold M.
Weiss, Charles M.

NEW HAMPSHIRE
Federer, C. Anthony
Fenster, Robert H.
Gee, Glendon W.
Hartwell, Allan D.
Jonasch, John J.
Wheeler, Ellsworth H.

NEW JERSEY
Blumeling, Charles III
Douglas, Lowell A.
Gittleson, Stephen M.
Trautenberg, Gerald A.

NEW YORK
Barans, Charles A.
Boehle, John, Jr.
Cassin, Joseph M. Chailer Jr., Jack D.
Eisenbud, Merrill
Eustance, William E.
Fairchild, Robert F.
Freudenthal, Hugo I.
Geis, James W.
George, Carl J.
Kaczynski, Victor W.
Kessell, Stephen F.
Klonick, Allan S.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER RESOURCE DEVELOPMENT

NEW YORK

Likens, Gene E.
 Little Jr., Frank J.
 Lopez, Glenn R.
 Magorian, Thomas R.
 Marcus, Bernard A.
 Paulson, Glenn L.
 Schumacher, George J.
 Stalter, Richard
 Wikstrom, Leonard L.
 Wilson, Lee

PENNSYLVANIA

Arnold, Dean E.
 Browne, Francis X.
 Catalano, Raymond A.
 Cheng, Thomas C.
 Denoncourt, Robert F.
 Hartman, Fred F.
 Hayden, Robert P.
 Heiney, Clayton L.
 Johnson, Andrew L.
 Koesterer, Martin G.
 McCoy, Clarence J.
 McDaniel, Michael D.
 Petersen, Gary W.
 Scherer, Robert C.
 Stern, Arthur M.
 Vcris, Harold K.

RHODE ISLAND

Beckers, Jr., Charles V.
 Busby, Charles C.
 Halvorson, William L.
 Oviatt, Candace A.
 Sissenvine, Michael P.

VIRGINIA

Birdsong, Ray S.
 Boesch, Donald F.
 Cairns, Jr., John
 Centroy, John H.
 Hocutt, Charles H.
 Hornberger, George M.
 Jenkins, Robert E.
 Kelly, Mablon G.
 Lanier, James A.
 Menyhert, William F.
 Nyquist, David
 Odum, William E.
 Pierce, Phillip C.
 Prosser, Norville S.
 Schreck, Carl B.
 Slocomb, John P.
 Tuthill, Bartley F.
 Westfield, James F.

VERMONT

Farrar, Richard B.
 Starbuck, George W.

WEST VIRGINIA

Burrell, Robert
 Fuchs, Everett H.
 Gasper, Donald C.
 Godno, Edward J.
 Jernejcic, Frank A.
 Kutscheid, Ben B.
 Lee, Richard
 Nelson, Charles W.
 Neumann, Edward S.
 Schmude, Keith C.
 Schulz, Arnold F.
 Zaltzman, Raul

WATER SUPPLY

CONNECTICUT

Camp, HOFFORD B., Jr.
 Gorski, Leon J.
 McGuinness, William V.
 Miner, Dallas F.
 Szechtman, Raphael J.
 Zoellner, David R.

DISTRICT OF COLUMBIA

Aron, William I.
 Jameson, Robert M.
 Keup, Lowell, F.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER SUPPLY

DISTRICT OF COLUMBIA

Malone, Winfred E.
 Riley, David P.
 Schueler, Robert L.
 Skoog, Ronald C.
 Wade, Richard L.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.
 Camougis, George
 Crusberg, Theodore C.
 Domermuth, Robert F.
 Gorden, Morton
 Harleman, Donald R.
 Johnson, James E.
 Larson, Joseph S.
 Miller, A. Richard
 Mufford, Paul S.
 Nickerson, Norton H.
 Old, Warren T. Jr.
 Rho, Jinnque
 Spaulding, Willard M., Jr.
 Yentsch, Charles S.

MARYLAND

Foerster, John W.
 Hershaft, Alex
 Mangiafico, Joseph A.
 Wagner, Richard H.
 Ward, Fraser P.

MAINE

Flagg, Lewis N.

NORTH CAROLINA

Baker, W. Donald
 Burton, Gerald L.
 Howells, David H.
 Kroger, Richard L.
 Outen, Ronald B.
 Sjolseth, Danny E.
 Weiss, Charles M.

NEW HAMPSHIRE

Federer, C. Anthony

NEW JERSEY

Bikales, Norbert M.
 Blumeling, Charles III
 Gittleson, Stephen M.
 Trautenberg, Gerald A.
 Wehner, Donald C.

NEW YORK

Dean, Walter E.
 Eustance, William E.
 Kaczynski, Victor W.
 Kessell, Stephen E.
 Likens, Gene E.
 Magorian, Thomas E.
 Neumaier, Gerhard J.
 Olson, Gerald W.
 Paulson, Glenn L.
 Terry, Orville W.
 Wilson, Lee

PENNSYLVANIA

Hayden, Robert P.
 Jeffers, Edmund E.
 Keefer, Scott D.
 McDaniel, Michael D.
 Scherer, Robert C.
 Snyder, Jonas L.
 Stern, Arthur M.

RHODE ISLAND

Halvorson, William L.

VIRGINIA

Bradley, Sterling G.
 Bradley, Sterling G.
 Cliff, Edward P.
 Conroy, John H.
 Kelly, Mahlon G.
 Nyquist, David
 Parker, Bruce C.
 Pierce, Phillip C.
 Prosser, Norville S.
 Slocomb, John P.
 Tuthill, Bartley E.
 Westfield, James E.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER SUPPLY

VERMONT

Farrar, Richard B.
Jewell, William J.
Starbuck, George W.

WEST VIRGINIA

Gasper, Donald C.
Goodno, Edward J.
Jenkins, Charles F.
Jenkins, Charles R.
Kutscheid, Ben B.
Mee, Paul C.
Nelson, Charles W.
Schulz, Arnold F.
Zaltzman, Paul

WATERSHED, FOREST, RANGE

CONNECTICUT

Camp, Wofford R., Jr.
Damman, Antoni W.
Faler, Frank E.
Gorski, Leon J.
Kelley, Roger W., Jr.
Marcy, Barton C.
Miner, Dallas D.
Schoonveld, Gene G.
Smith, Dwight G.
Smith, William H.

DISTRICT OF COLUMBIA

Adams, William H.
Aron, William I.
Jenkins, Dale W.
Moore, Jerry A.
Rost, Boyd W.
Riley, David F.
Schueler, Robert I.
Skoot, Ronald C.
Wheatley, James R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Coppinger, Raymond E.
Larson, Joseph S.
Lazell, Jr., James D.
Miller, A. Richard
Mugford, Paul S.
Old, Warren T. Jr.
Satterwhite, Melvin E.
Spaulding, Willard M., Jr.
Stuart, Alastair M.
Weeks, Martin E.

MARYLAND

Pinkham, Carlos E.A.
Stanton, Gary C.
Wagner, Richard H.
Ward, Eraser P.

MAINE

Bourque, Peter M.
Flagg, Lewis N.

NORTH CAROLINA

Baker, W. Donald
Banks, Roger L.
Bellis, Vincent J.
Burton, Gerald L.
Cherry, Solomon T. Jr.
Davey, Charles B.
Haines, Leroy W.
Howells, David H.
Mason, Robert F.
Melack, John M.
Monschein, Tom D.
Perry, Thomas C.
Falston, Charles W.
Sanderford, Sharon G.
Sjolseth, Danny F.
Stephenson, Don W.

NEW HAMPSHIRE

Federer, C. Anthony
Ford, Robert P.
Gee, Glendon W.
Leonard, Raymond E.
Patrick, David K.

NEW JERSEY

Flumeling, Charles III
Ferrigno, Fred
Stout, Benjamin P.

WATERMEN: FOREST, RANGE

NEW YORK

Batton, James D., Jr.
Boehle, John, Jr.
Camberlain, James L.
Craul, Phillip J.
Eustance, William F.
Foley, Donald D.
Goodland, Robert J.
Kessell, Stephen F.
Lajler, Gerald W.
LaRoche, Germain F.
Likens, Gene E.
Neumaier, Gerhard J.
Olson, Gerald, W.
Pimentel, David
Simpson, John B.
Webb, William L.
Wikstrom, Leonard L.
Wilcox, Henry H., III
Wilson, Lee

PENNSYLVANIA

Catalano, Raymond A.
Chase, Craig C.
Hartman, Fred E.
Heiney, Casyron L.
Henshaw, Robert E.
Jeffers, Edmund E.
Johnson, Andrew L.
Keefer, Scott D.
Petersen, Gary W.
Stutz, Sherwood S.
Ward, Wilber W.

RHODE ISLAND

Halvorson, William L.

VIRGINIA

Bradley, Sterling G.
Byrne, John M.
Cliff, Edward P.
Conroy, John H.
Crawford, Hewlette S.
Dovling, Paul Bruce
Harlow, Richard E.
Kelly, Mahlon G.
Lemmon, Paul F.
Pierce, Phillip C.
Schreck, Carl B.
Waters, William F.
Westfield, James D.

VERMONT

Farrar, Richard B.
Wood, Glen M.

WEST VIRGINIA

Gasper, Donald C.
Goodno, Edward J.
Jenkins, Charles F.
Kutscheid, Fen B.
Lee, Richard
Nelson, Charles W.
Ozmina, David J.
Schulz, Arnold F.

WESTLANDS MANAG.

NEW YORK

Terry, Orville W.

SECTION I

TABLE 5

INDEX BY SCIENTIFIC FIELD AND GEOGRAPHIC FAMILIARITY

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
AGRI-BUSINESS MANAGEMENT	
AFRICA	
Camp, Wofford B., Jr.	0.5
ASIA	
Camp, Wofford B., Jr.	0.5
MIDEAST	
Camp, Wofford B., Jr.	1
PACIFIC STATES	
Camp, Wofford B., Jr.	25
SOUTHEAST	
Camp, Wofford B., Jr.	15
SOUTHWEST	
Camp, Wofford B., Jr.	25
AGRICULTURAL SCIENCE	
AFRICA	
Camp, Wofford B., Jr.	0.5
Murphy, Royse P.	1
ASIA	
Camp, Wofford B., Jr.	0.5
Harvey, George R.	
Hinish, Wayne W.	2
Knoll, H.A.	2
Olson, Gerald, W.	2
CENTRAL AMERICA	
Harvey, George R.	
Hunter, Arvel H.	3
Olson, Gerald, W.	1
EUROPE, WESTERN	
Knoll, R.A.	5
Nelson, Paul V.	1
HAWAII	
Harvey, George R.	
MIDDLE ATLANTIC	
Baniecki, John F.	3
Boehle, John, Jr.	12
Hinish, Wayne W.	20
Maas, John L.	4
Webb, Ralph E.	8
MIDEAST	
Camp, Wofford B., Jr.	1
NORTH CENTRAL	
Boehle, John, Jr.	2
Murphy, Royse P.	28
Olson, Gerald, W.	3
Sanders, Douglas C.	6
NORTHEAST	
Baniecki, John F.	4
Boehle, John, Jr.	8
Harvey, George R.	7
Knoll, H.A.	11
Lukens, Raymond J.	19
Murphy, Royse P.	25
Nelson, Paul V.	5
Olson, Gerald, W.	10
Welch, Ross M.	2
Wood, Glen M.	22
PACIFIC STATES	
Camp, Wofford B., Jr.	25
Hunter, Arvel H.	6
Maas, John L.	6
Welch, Ross M.	5
Wood, Glen M.	1
ROCKY MOUNTAIN	
Hunter, Arvel H.	4
Murphy, Royse P.	2
SOUTH AMERICA	
Hunter, Arvel H.	1
Murphy, Royse P.	1
SOUTH CENTRAL	
Harvey, George R.	6
SOUTHEAST	
Camp, Wofford B., Jr.	15
Hunter, Arvel H.	8
Nelson, Paul V.	7
Sanders, Douglas C.	3
SOUTHWEST	
Baniecki, John F.	3
Camp, Wofford B., Jr.	25
U.S. NAVY	
Murphy, Royse P.	2
AGRONOMY	
AFRICA	
Camp, Wofford B., Jr.	0.5
Murphy, Royse P.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

AGRONOMY	YEARS IN REGION
ALASKA	
Hodgson, Harlow J.	13
ASTA	
Camp, Wofford E., Jr.	0.5
De Roo, Hendrik C.	9
Hinish, Wayne W.	2
Knoll, H.A.	2
Olson, Gerald, W.	2
Singh, Rabindar Nath	2
Weeks, Martin E.	1
CENTRAL AMERICA	
Hunter, Arvel H.	3
Olson, Gerald, W.	1
EUROPE, WESTERN	
De Roo, Hendrik C.	4
Knoll, H.A.	5
Nelson, Paul V.	1
HAWAII	
Hodgson, Harlow J.	1
MIDDLE ATLANTIC	
Boehle, John, Jr.	12
Hinish, Wayne W.	20
Hodgson, Harlow J.	8
Kardos, Louis T.	18
McKee, Guy W.	18
Ulrich, Valentin	5
Weber, Richard S.	3
MIDEAST	
Camp, Wofford E., Jr.	1
NORTH CENTRAL	
Adrian, Donald D.	1
Boehle, John, Jr.	2
Gracen Jr., Vernon E.	
Guttay, A.J.P.	12
Hodgson, Harlow J.	9
Hull, Richard V.	5
McKee, Guy W.	1
Murphy, Royse P.	28
Olson, Gerald, W.	3
Petersen, Gary W.	4
Weber, Jerome B.	5
Weeks, Martin E.	4
NORTHEAST	
Adrian, Donald D.	6
Boehle, John, Jr.	8
Cutright, Noel J.	7
De Roo, Hendrik C.	20
Gracen Jr., Vernon E.	2
Guttay, A.J.R.	12
Hull, Richard V.	5
Kardos, Louis T.	11
Knoll, H.A.	11
Murphy, Royse P.	25
Naiden, Peter C.	4
Nelson, Paul V.	5
Olson, Gerald, W.	10
Petersen, Gary W.	8
Singh, Rabindar Nath	6
Weeks, Martin E.	12
Wood, Glen M.	22
PACIFIC STATES	
Adrian, Donald D.	6
Camp, Wofford E., Jr.	25
Hull, Richard V.	4
Hunter, Arvel H.	6
Kardos, Louis T.	7
McKee, Guy W.	1
Wood, Glen M.	1
ROCKY MOUNTAIN	
Hunter, Arvel H.	4
Murphy, Royse P.	2
SOUTH AMERICA	
Hunter, Arvel H.	1
Murphy, Royse P.	1
SOUTH CENTRAL	
Singh, Rabindar Nath	3
Weeks, Martin E.	20
SOUTHEAST	
Adrian, Donald D.	3
Camp, Wofford E., Jr.	15
Clapp Jr., John G.	13
Gracen Jr., Vernon E.	4
Hodgson, Harlow J.	2
Hull, Richard V.	0.5

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

AGRONOMY	YEARS IN REGION
SOUTHEAST	
Hunter, Arvel H.	8
Nelson, Paul V.	7
Singh, Rabindar Nath	5
Ulrich, Valentin	15
Weber, Jerome B.	10
SOUTHWEST	
Camp, Wofford B., Jr.	25
U.S. NAVY	
Murphy, Roysse P.	2
MIDDLE ATLANTIC	
Leffel, Robert C.	
NORTH CENTRAL	
Leffel, Robert C.	4
NORTHEAST	
Leffel, Robert C.	20
SOUTHEAST	
Leffel, Robert C.	
ALGAL PHOTOMORPHOGENESIS	
NORTHEAST	
Robinson, Beatrice B.	13
ANALYTICAL CHEMISTRY	
NORTHEAST	
Chailer Jr., Jack D.	1
SOUTHWEST	
Chailer Jr., Jack D.	2
ANATOMY	
ASIA	
Ambrose, John D.	1
Davis, George M.	5
Stern, William L.	1
CANADA, EASTERN	
Jacobs, Myron S.	2
CANADA, WESTERN	
Schoonveld, Gene G.	4
CENTRAL AMERICA	
Horst, G. Roy	0.5
Stern, William L.	0.5
EUROPE, WESTERN	
Goeringer, Gerald C.	4
HAWAII	
Ambrose, John D.	1
Schoonveld, Gene G.	4
Stern, William L.	0.5
MIDDLE ATLANTIC	
Ambrose, John D.	
Byrne, John M.	8
Carriker, Melbourne R.	9
Cooper, William E., Jr.	1
Davis, George M.	3
Dooley, James K.	3
Goeringer, Gerald C.	9
Horst, G. Roy	5
Massaro, Edward J.	5
NORTH CENTRAL	
Ambrose, John D.	2
Byrne, John M.	10
Carriker, Melbourne R.	4
Davis, George M.	
Goeringer, Gerald C.	2
Hall, William E.	16
NORTHEAST	
Ambrose, John D.	4
Carriker, Melbourne R.	10
Davis, George M.	18
Hall, William E.	24
Horst, G. Roy	5
Jacobs, Myron S.	24
Lemanski, Larry P.	2
Massaro, Edward J.	4
Newton, David C.	5
Stern, William L.	20
Weis, Peddrick	13
PACIFIC STATES	
Goeringer, Gerald C.	3
PHILLIPINES	
Jacobs, Myron S.	1
ROCKY MOUNTAIN	
Schoonveld, Gene G.	5
SOUTH CENTRAL	
Cooper, William E., Jr.	5
SOUTHEAST	
Byrne, John M.	

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ANATOMY	
SOUTHEAST	
Carriker, Melbourne R.	6
Cooper, William E., Jr.	1
Dooley, James K.	4
SOUTHWEST	
Horst, G. Roy	4
Lemanski, Larry F.	5
Massaro, Edward J.	7
WEST INDIES	
Stern, William L.	
NORTHEAST	
Cutright, Noel J.	7
ANIMAL BEHAVIOR	
MIDDLE ATLANTIC	
Ghiselin, Jon E.	5
AFRICA	
Carr, Donn P.	3
Ghiselin, Jon E.	1
ASIA	
Batra, Suzanne W.T.	2
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Savidge, Irvin P.	1
AUSTRALIA	
Stuart, Alastair M.	6
CANADA, WESTERN	
Clark, Richard J.	0.5
CARIBBEAN	
Coppinger, Raymond P.	1
CENTRAL AMERICA	
Foster, Neal P.	1
Stuart, Alastair M.	1
GREAT LAKES	
Judd, John H.	
MIDDLE ATLANTIC	
Batra, Suzanne W.T.	5
Carr, Donn P.	1
Cooper, William E., Jr.	1
Francq, Edward N.	3
Heppner, Frank H.	
Kellogg, Charles W.	4
Kelly, Mahlon G.	2
Kirkland, Gordon L., Jr.	25
Linduska, Joseph P.	20
Meldrim, John W.	4
Wood, Langley H.	9
NEW ZEALAND	
Stuart, Alastair M.	6
NORTH CENTRAL	
Batra, Suzanne W.T.	7
Ghiselin, Jon E.	8
Hadley, Wayne P.	2
Judd, John H.	13
Kinsey, Kenneth P.	4
Kirkland, Gordon L., Jr.	4
Linduska, Joseph P.	4
Stuart, Alastair M.	4
NORTHEAST	
Barash, David P.	3
Batra, Suzanne W.T.	1
Carr, Donn P.	4
Clark, Richard J.	12
Coppinger, Raymond P.	8
Foster, Neal P.	13
Francq, Edward N.	10
Hadley, Wayne P.	2
Heppner, Frank H.	4
Judd, John H.	14
Kelley, Roger W., Jr.	17
Kellogg, Charles W.	3
Kelly, Mahlon G.	7
Fichkus, William A.	4
Savidge, Irvin P.	5
Stuart, Alastair M.	5
Walcott, Charles	16
Winn, Howard E.	12
Wood, Langley H.	11
OCEANS	
Kelly, Mahlon G.	
Wood, Langley H.	
PACIFIC STATES	
Barash, David P.	4
Heppner, Frank H.	7

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ANIMAL BEHAVIOR	
PACIFIC STATES	
Kelley, Roger W., Jr.	0.5
Kinsey, Kenneth P.	2
Linduska, Joseph P.	1
Meldrim, John W.	5
Richkus, William A.	2
ROCKY MOUNTAIN	
Batra, Suzanne W.T.	0.5
Francq, Edward N.	2.5
Ghiselin, Jon B.	3
Linduska, Joseph P.	3
SOUTH AMERICA	
Poster, Neal R.	1
SOUTH CENTRAL	
Cooper, William E., Jr.	5
Ghiselin, Jon B.	1
SOUTHEAST	
Cooper, William E., Jr.	1
Poster, Neal R.	1
Francq, Edward N.	0.5
Ghiselin, Jon B.	1
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Linduska, Joseph P.	2
Savidge, Irvin R.	1
Stuart, Alastair M.	4
Wood, Langley H.	2
SOUTHWEST	
Hadley, Wayne P.	7
WEST INDIES	
Winn, Howard E.	
ANIMAL DEVELOPMENT	
EUROPE, WESTERN	
Beck, Sidney L.	1
NORTH CENTRAL	
Beck, Sidney L.	8
NORTHEAST	
Beck, Sidney L.	7
SOUTH CENTRAL	
Beck, Sidney L.	2
ANIMAL ECOLOGY	
MIDDLE ATLANTIC	
Ghiselin, Jon B.	5
AFRICA	
Foley, Donald D.	1
Ghiselin, Jon B.	1
Khattat, Padhill H.	6
Skog, Ronald O.	3
Snelling, John C.	2
ALASKA	
Aron, William I.	
Bushman, John B.	6
Drury, William H.	1
Henshaw, Robert E.	7
Skog, Ronald O.	15
Stephenson, Don W.	1
ASIA	
Batra, Suzanne W.T.	2
Evenden, Fred G.	2
George, Carl J.	6
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Kuenzler, Edward J.	2
Tramontano, John P.	4
Webb, William L.	2
AUSTRALIA	
Roesch, Donald F.	1
Stuart, Alastair M.	6
CANADA, EASTERN	
Foerster, John W.	1
Foley, Donald D.	1
Jenkins, Dale W.	1
Mason, Robert E.	7
Sissenwine, Michael P.	
Teal, John M.	2
CANADA, NORTHERN	
Drury, William H.	1
Henshaw, Robert E.	1
Ward, Fraser P.	
CANADA, WESTERN	
Allan, J. David	2
Clark, Richard J.	0.5
Henshaw, Robert E.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

ANIMAL ECOLOGY	
CARIBBEAN	
Coppinger, Raymond P.	1
Welch, Bruce L.	2
CENTRAL AMERICA	
Foster, Neal R.	1
Gorski, Leon J.	
Horst, G. Roy	0.5
Jenkins, Dale W.	2
LaBastille, Anne	4
Lazell, Jr., James D.	0.5
McCoy, Clarence J.	1
Schnell, Charles E.	3
Stuart, Alastair M.	1
Wilson, Don E.	2
CENTRAL AMERICA (0.50)	
Allan, J. David	
COSTA RICA	
Fanta, William C.	
EUROPE, EASTERN	
Aron, William I.	
EUROPE, WESTERN	
Barnett, L. Bruce	0.5
Poley, Donald D.	1
Southwick, Edward E.	0.5
Webb, William L.	1
HAWAII	
Bushman, John B.	7
Skoog, Ronald O.	1
Tamarin, Robert H.	2
Young, David K.	4
MEXICO	
Caccamise, Donald F.	
MID EAST	
Khattat, Fadhil H.	
MIDDLE ATLANTIC	
Allan, J. David	1
Aron, William I.	7
Fanta, William C.	3
Barnett, L. Bruce	4
Patra, Suzanne W.T.	5
Bender, Edward S.	1
Boesch, Donald F.	4
Bradshaw, William N.	11
Carriker, Melbourne R.	9
Clark, William, T.	3
Cooper, William E., Jr.	1
Cummins, Edmund G.	16
Evenden, Fred G.	9
Foerster, John W.	4
Francg, Edward N.	3
Giles, Robert H., Jr.	10
Grandy, John W., IV	2
Graybill, Donald L.	2
Hall, Russell J.	5
Hamby, Robert J.	1.5
Hay, Keith G.	6
Henshaw, Robert E.	7
Heppler, Frank H.	
Horst, G. Roy	5
Jenkins, Dale W.	18
Johnson Michael D.	1
Keefer, Scott D.	3
Kellogg, Charles W.	4
Kelly, Mahlon G.	2
Khattat, Fadhil H.	7
Kricher, John C.	4
Lazell, Jr., James D.	3
Louder, Darrell E.	1
Meldrim, John W.	4
Morgan, Raymond P.	7
Peterson, Charles H.	1
Rose, Cort D.	2
Schnell, Charles E.	1
Sherbine, K. Bruce	12
Sissenwine, Michael P.	
Skoog, Ronald O.	2
Smith, Kenneth L., Jr.	2
Smith, Robert L.	21
Southwick, Edward E.	2
Spaulding, Willard M., Jr.	4
Stephenson, Don W.	3
Sturges, Franklin W.	5
Tietjen, John H.	
Ward, Fraser P.	11

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

ANIMAL ECOLOGY	YEARS IN REGION
MIDDLE ATLANTIC	
Welch, Bruce L.	10
Willcox, Henry H., III	6
Wilson, Don E.	1
Young, David K.	2
NEW ZEALAND	
Stuart, Alastair M.	6
NORTH CENTRAL	
Allan, J. David	5
Andrews, Jay D.	4
Barnett, L. Bruce	4
Batra, Suzanne W.T.	7
Carriker, Melbourne R.	4
De Costa, John J.	8
Ghiselin, Jon B.	8
Giles, Robert H., Jr.	3
Hamby, Robert J.	8
Henshaw, Robert E.	9
Istock, Conrad A.	1
Jenkins, Dale W.	2
Johnson Michael D.	25
Jones, Walter A.	4
Keefer, Scott D.	3
Louder, Darrell E.	1
Lynts, George W.	5
Mautz, William W.	4
Reed, Lanny W.	5
Skood, Ronald O.	15
Snelliq, John C.	2
Southwick, Edward E.	3
Spaulding, Willard M., Jr.	9
Spotila, James R.	1
Stuart, Alastair M.	4
Tamarin, Robert H.	5
Waters, Joseph H.	1
Webb, William L.	4
NORTHEAST	
Adams, William H.	6
Parash, David P.	3
Batta, Suzanne W.T.	1
Pender, Edward S.	0.5
Caccamise, Donald F.	1
Carriker, Melbourne R.	10
Chamberlain, James L.	10
Chaplin, Stephen J.	2
Clark, Richard J.	12
Coppinger, Raymond P.	8
Cummings, Edmund G.	1
Cunningham, Denis	2
Drury, William W.	30
Frickson, James M.	4
Ferner, John W.	1
Poerster, John W.	4
Foley, Donald D.	10
Foster, Neal R.	13
Francq, Edward N.	10
George, Carl J.	12
Gorski, Leon J.	10
Grandy, John W., IV	5
Hamby, Robert J.	0.5
Henshaw, Robert E.	7
Hepner, Frank H.	4
Horst, G. Roy	5
Istock, Conrad A.	8
Jahoda, John C.	5
Jenkins, Dale W.	1
Jones, Walter A.	4
Jordan, Arthur J.	5
Kaczynski, Victor W.	6
Kelley, Roger W., Jr.	17
Kellogg, Charles W.	3
Kelly, Mahlon G.	7
Khattat, Pahlil H.	4
Kricher, John C.	3
Kuenzler, Edward J.	6
LaBastille, Anne	12
Lazell, Jr., James D.	6
Louder, Darrell E.	1
Lynts, George W.	1
Mautz, William W.	4
McCoy, Clarence J.	8
Omland, Per A.	5
Peterson, Charles H.	2
Pimentel, David	16

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

ANIMAL ECOLOGY

NORTHEAST

Porter, Karen J.	5
Richkus, William A.	4
Root, Richard B.	7
Rowe, Gilbert T.	4
Schnell, Charles E.	2
Shoop, C.R.	11
Sissenwine, Michael P.	3
Smith, Kenneth L., Jr.	2
Smith, Robert L.	4
Snelling, John C.	4
Spaulding, Willard M., Jr.	3
Spencer, Larry T.	4
Spotila, James R.	0.5
Starn, Robert H.	2
Stuart, Alastair M.	5
Sturges, Franklin W.	1
Tamarin, Robert H.	3
Teal, John M.	15
Tietjen, John H.	6
Tramontano, John P.	2
Waters, Joseph H.	15
Webb, William L.	30
Willcox, Henry H., III	
Young, David K.	4

OCEANS

Kelly, Mahlon G.

PACIFIC

Schnell, Charles E.

PACIFIC ISLANDS

Bushman, John B.

PACIFIC STATES

Aron, William I.	15
Banta, William C.	25
Barash, David P.	4
Barnett, L. Bruce	0.5
Chaplin, Stephen J.	1
Cunningham, Denis	
Erickson, James M.	
Evenden, Fred G.	18
George, Carl J.	1
Hamby, Robert J.	3
Heppner, Frank H.	7
Kaczynski, Victor W.	3
Kelley, Roger W., Jr.	0.5
Meldrim, John W.	5
Olendorff, Richard R.	1
Peterson, Charles H.	4
Richkus, William A.	2
Root, Richard B.	6
Skooq, Ronald O.	10
Southwick, Edward E.	4
Spencer, Larry T.	2
Sturges, Franklin W.	14
Tramontano, John P.	4

PUERTO RICO

Pimentel, David

ROCKY MOUNTAIN

Allan, J. David	0.5
Barnett, L. Bruce	2
Batra, Suzanne W.T.	0.5
Bushman, John B.	20
Caccamise, Donald F.	
De Costa, John J.	2
Evenden, Fred G.	3
Ferner, John W.	5
Francq, Edward N.	2.5
Ghiselin, Jon B.	3
Giles, Robert H., Jr.	4
Graybill, Donald L.	0.1
Hay, Keith G.	13
Jenkins, Dale W.	1
LaBastille, Anne	2
McCoy, Clarence J.	4
Olendorff, Richard R.	5
Spencer, Larry T.	3

SOUTH AMERICA

Chaplin, Stephen J.	1
Foerster, John W.	0.5
Foster, Neal R.	1
Gorski, Leon J.	
Jenkins, Dale W.	2
Root, Richard B.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ANIMAL ECOLOGY	
SOUTH CENTRAL	
Adams, William B.	15
Boesch, Donald F.	1
Chamberlain, James L.	2
Cooper, William E., Jr.	5
Ghiselin, Jon B.	1
Hall, Russell J.	3
Hay, Keith G.	1
Pimentel, David	1
Rowe, Gilbert T.	2
Spotila, James R.	5
SOUTH PACIFIC	
Skoog, Ronald O.	1
SOUTHEAST	
Adams, David A.	19
Andrews, Jay D.	26
Bender, Edward S.	2
Carriker, Melbourne R.	6
Chamberlain, James L.	12
Cooper, William E., Jr.	1
Cummings, Edmund G.	6
Foster, Neal R.	1
Francq, Edward N.	0.5
Ghiselin, Jon B.	1
Jenkins, Dale W.	3
Keefer, Scott D.	
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Kuenzler, Edward J.	12
Lazell, Jr., James D.	2
Louder, Darrell E.	15
Lynts, George W.	7
Mason, Robert E.	8
Omland, Per A.	
Parnell, James F.	13
Pimentel, David	1
Reagan, Roland E.	8
Rose, Cort D.	10
Rowe, Gilbert T.	3
Shoop, C.R.	5
Smith, Kenneth L., Jr.	3
Spaulding, Willard M., Jr.	3
Spotila, James R.	
Starn, Robert H.	2
Stuart, Alastair M.	4
Teal, John M.	4
Waters, Joseph H.	2
Welch, Bruce L.	10
Young, David K.	2
SOUTHWEST	
Bender, Edward S.	0.25
Bradshaw, William N.	10
Caccamise, Donald E.	5
Clark, William, T.	10
Erickson, James M.	
Foerster, John W.	2
Horst, G. Roy	4
Jahoda, John C.	3
Johnson Michael D.	1
Kuenzler, Edward J.	1
McCoy, Clarence J.	3
Stephenson, Don W.	1
Tamarin, Robert H.	
Tramontano, John P.	6
Wilson, Don P.	4
WEST INDIES	
Lazell, Jr., James D.	3
NORTHEAST	
Tenore, Kenneth R.	3
SOUTHEAST	
Tenore, Kenneth R.	5
ANIMAL HUSBANDRY	
EUROPE, WESTERN	
Beck, Sidney L.	1
NORTH CENTRAL	
Beck, Sidney L.	2
NORTHEAST	
Beck, Sidney L.	1
Bruning, Donald F.	5
Cutright, Noel J.	7
Heiney, Clayton L.	10
PACIFIC STATES	
Bruning, Donald F.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS
ANIMAL HUSBANDRY	
ROCKY MOUNTAIN	
Bruning, Donald P.	3
SOUTH AMERICA	
Bruning, Donald P.	0.5
SOUTH CENTRAL	
Reck, Sidney L.	2
SOUTHWEST	
Bruning, Donald P.	0.5
ANIMAL PATHOLOGY	
NORTHEAST	
Garman, Robert H.	9
ANTHROPOLOGY	
ASIA	
Kelly, Mahlon G.	1
MIDDLE ATLANTIC	
Cutcher, Joseph J.	1
Kelly, Mahlon G.	2
NORTH CENTRAL	
Cutcher, Joseph J.	3
NORTH EAST	
Cutcher, Joseph J.	2
Kelly, Mahlon G.	7
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Thomas, David H.	5
SOUTHEAST	
Cutcher, Joseph J.	2
Kelly, Mahlon G.	1
SOUTHWEST	
Thomas, David H.	1
TROPICAL CHEMISTRY	
NORTHEAST	
Edwards, Stephen J.	2
AQUATIC	
MIDDLE ATLANTIC	
McCormick, Jon M.	5
PACIFIC STATES	
McCormick, Jon M.	5
AQUATIC ECOLOGY	
AFRICA	
Foley, Donald D.	1
Recky, Robert E.	1
Velic, John M.	1
ALASKA	
Eier, William I.	
Fisher, Ronald	1.25
Hobbie, John E.	2
Jefters, Edmund E.	1
Natarajan, K.V.	8
Vyguit, David	3
ASIA	
George, Carl J.	6
Kuenzler, Edward J.	2
Lanza, Guy R.	1.5
Moore, Johnes K.	1
Natarajan, K.V.	8
Rho, Jinnque	5
Pfeeler, Ellsworth H.	1
Wentzsch, Charles S.	1
AUSTRALIA	
Stuart, Alastair W.	6
BARBADS	
Cassin, Joseph S.	
CANADA, EASTERN	
Bellis, Vincent J.	4
Cairns, Jr., John	0.25
Poerster, John W.	1
Polcy, Donald D.	1
Sissenwine, Michael P.	
Tealy, John M.	2
Walker, Charles R.	
CANADA, NORTHERN	
Walker, Charles R.	
CANADA, WESTERN	
Aller, J. David	2
Oduw, William E.	1
Walker, Charles R.	
CARIBBEAN	
Arnold, Dean E.	1
CENTRAL AMERICA	
Birdsong, Ray S.	
Cilla, Saul R.	0.5
Stuart, Alastair W.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
AQUATIC ECOLOGY	
CENTRAL AMERICA (0.50)	
Allan, J. David	
CENTRAL PACIFIC	
Croker, Robert A.	0.3
COSTA RICA	
Banta, William C.	
EUROPE, EASTERN	
Aron, William I.	
Clarke, George L.	2
EUROPE, WESTERN	
Eisler, Ronald	.25
Foley, Donald D.	1
Hamilton, Daniel Heyward	1
Hobbie, John E.	3
Saila, Saul R.	1.5
Scherer, Robert C.	2
Walker, Charles F.	
Wright, Richard T.	2
Yentsch, Charles S.	1
HAWAII	
Fisler, Ronald	.25
Young, David K.	4
ISRAEL	
Eisler, Ronald	1
MICRONESIA	
Fuchs, Everett K.	2
MIDDLE ATLANTIC	
Alden, Jon C.	2
Allan, J. David	1
Arnold, Dean E.	1
Aron, William I.	7
Banta, William C.	3
Barans, Charles A.	3
Bender, Edward S.	1
Birdsong, Ray S.	5
Bishop, John W.	9
Cairns, Jr., John	20
Carriker, Melbourne R.	9
Cassin, Joseph M.	2
Catalano, Raymond A.	10
Clarke, George L.	2
Cox, Geraldine V.	5
Denoncourt, Robert F.	5
Dooley, James K.	3
Eisler, Ronald	5
Engel, Ronald A.	6
Foerster, John W.	4
Fuchs, Everett H.	1
Glaser, Edward, R.	15
Good, Ralph E.	11
Goodyear, Richard H.	5
Greeson, Phillip E.	1
Griffith, Roger B.	5
Groutage, Thomas M.	1
Haines, Terry A.	3
Hamilton, Daniel Heyward	4
Hartman, Fred E.	15
Hartman, Richard T.	
Hayes, Helen L.	27
Hemmett, Roland B.	7
Hocutt, Charles H.	4
Hollingshead, Kenneth P.	5
Hufford, Terry L.	1
Jackson, Daniel E.	2
Jeffers, Edmund E.	3
Keller, Edward C. Jr.	5
Kellogg, Charles W.	4
Kelly, Robert H.	2
Keup, Lowell, F.	1
Kroger, Richard L.	
Lanza, Guy R.	2
Lopez, Glenn R.	2
Louder, Darrell E.	1
Marshall, Harold G.	9
McDermott, Vincent J.	4
Moore, John R.	16
Morgan, Raymond P.	7
Nelson, Charles W.	2
Neumaier, Gerhard J.	1
Nixon, Scott W.	4
Nyquist, David	2
Odum, William F.	2
Pearson, James G.	3
Peterson, Charles H.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
AQUATIC ECOLOGY	
MIDDLE ATLANTIC	
Prosser, Norville S.	5
Rose, Cort D.	2
Ruber, Ernest	7
Saila, Saul B.	2
Sherbine, K. Bruce	12
Sissenwine, Michael R.	
Stolseth, Danny E.	3
Slocomb, John P.	0.5
Smith, Kenneth L., Jr.	2
Spaulding, Willard M., Jr.	4
Taccien, John H.	
Wade, Richard A.	1
Walker, Charles R.	6
Walker, William H.	5
Verner, Robert G.	7
Young, David K.	2
Zurkof, Paul I.	10
MID ATLANTIC	
Stuart, Alastair M.	6
SOUTH CENTRAL	
Alden, Jon C.	3
Allan, J. David	5
Andrews, Jay D.	4
Arnold, Dean E.	3
Barans, Charles A.	3
Bardarik, Daniel G.	3
Birchfield, Larry J.	1
Burton, Gerald L.	1
Cairns, Jr., John	4
Carriker, Melbourne R.	4
De Costa, John J.	8
Denoncourt, Robert P.	1
Engel, Ronald A.	4
Fuchs, Everett R.	5
Glaser, Edward R.	1
Good, Ralph E.	3
Goodyear, Richard H.	2
Groutage, Thomas M.	2
Haase, Bruce L.	8
Haines, Terry A.	6
Hobbie, John E.	2
Hufford, Terry L.	11
Istock, Conrad A.	1
Jeffers, Edmund E.	16
Johnson, James E.	3
Keap, Lowell, F.	2
Kroger, Richard L.	
Likens, Gene E.	5
Louder, Darrell E.	1
Lyns, George W.	5
Macsnall, Harold G.	12
Nelson, Charles W.	2
Neumaier, Gerhard J.	1
Poe, Thomas P.	2
Saila, Saul B.	4
Slocomb, John P.	4
Smith, Stephen B.	4
Spaulding, Willard M., Jr.	9
Stuart, Alastair M.	4
Wade, Richard A.	1
Walker, Charles R.	6
Verner, Robert G.	3
NORTH EAST	
Alden, Jon C.	2
Arnold, Dean E.	7
Barans, Charles A.	1
Bardarik, Daniel G.	17
Render, Edward S.	0.5
Bishop, John W.	4
Brown, Charles L.	12
Carpenter, Edward J.	3
Carriker, Melbourne P.	10
Cassin, Joseph H.	15
Castiglione, Louis J.	4
Chailer Jr., Jack D.	1
Christensen, Sigurd W.	6
Clarke, George L.	35
Cox, Geraldine V.	3
Cox, James L.	2
Crocker, Robert A.	8
Cunningham, Denis	2
Outright, Noel J.	7
Denoncourt, Robert F.	10

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

AQUATIC ECOLOGY	YEARS IN REGION
NORTHEAST	
Dudzinski, Diane M.	26
Edwards, Stephen J.	2
Eisler, Ronald	6
Foerster, John W.	4
Poley, Donald D.	30
Preudenthal, Hugo D.	18
Fuchs, Everett H.	1
Gasper, Donald C.	15
George, Carl J.	12
Gold, Kenneth	10
Greeson, Phillip E.	6
Griffith, Roger B.	3
Groutage, Thomas M.	6
Haase, Bruce L.	4
Hamilton, Daniel Heyward	5
Hartman, Fred E.	5
Hayes, Helen L.	1
Hecky, Robert E.	1.5
Istock, Conrad A.	8
Jackson, Daniel F.	22
Johnson, James E.	3
Kaczynski, Victor W.	6
Kellogg, Charles W.	3
Keup, Lowell, F.	1
Klatfenberg, Ronald P.	3
Kroger, Richard L.	
Kuenzler, Edward J.	6
Lanza, Guy R.	
Liguori, Vincent R.	21
Likens, Gene P.	10
Louder, Darrell E.	1
Lynts, George W.	1
Melack, John M.	
Moore, Johnes K.	19
Mozgala, Walter J.	3
Natarajan, K.V.	2
Neumaier, Gerhard J.	6
Nixon, Scott W.	4
Peterson, Charles H.	2
Poe, Thomas P.	4
Porter, Karen J.	5
Beholdt, Robert F.	19
Rho, Jinnque	8
Fowe, Gilbert T.	4
Ruber, Ernest	5
Saila, Saul B.	12
Scherer, Robert C.	14
Sissenwine, Michael P.	3
Smith, Dwight G.	3
Smith, Kenneth L., Jr.	2
Smith, Stephen B.	.25
Soukup, Michael A.	5
Spaulding, Willard M., Jr.	3
Starn, Robert H.	2
Stuart, Alastair M.	5
Teal, John M.	15
Tietjen, John H.	6
Tolderlund, Douglas S.	10
Wade, Richard A.	2
Wheeler, Ellsworth H.	8
Wright, Richard T.	10
Yentsch, Charles S.	14
Young, David K.	4
Zubkoff, Paul L.	4
PACIFIC STATES	
Aron, William I.	15
Banta, William C.	25
Bishop, John W.	1/2
Cairns, Jr., John	0.75
Clarke, George L.	1
Cox, James L.	4
Cunningham, Denis	
Eisler, Ronald	6
George, Carl J.	1
Groutage, Thomas M.	4
Hobbie, John E.	2
Jeffers, Edmund E.	1.5
Kaczynski, Victor W.	3
Keller, Edward C. Jr.	3
Liguori, Vincent R.	1
Natarajan, K.V.	2
Nelson, Charles W.	10
Nyquist, David	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

AQUATIC ECOLOGY	
PACIFIC STATES	
Pearson, James G.	2
Petersen, Charles H.	4
Stolseth, Danny E.	4
Tolderlund, Douglas S.	2
Werner, Robert G.	5
Wheeler, Ellsworth H.	3
Wright, Richard T.	1
Yentsch, Charles S.	4
Zubkoff, Paul L.	2
ROCKY MOUNTAIN	
Allan, J. David	0.5
Catalano, Raymond A.	5
De Costa, John J.	2
Eisler, Ronald	2
Jeffers, Edmund E.	11
Kroger, Richard L.	2
Nyquist, David	4
Prosser, Norville S.	2
Smith, Dwight G.	4
Wheeler, Ellsworth H.	1
SOUTH AMERICA	
Cairns, Jr., John	0.25
Poerster, John W.	0.5
Wade, Richard A.	0.16
SOUTH CENTRAL	
Burton, Gerald L.	2
Cassin, Joseph M.	3
Denoncourt, Robert P.	1
Jeffers, Edmund E.	1
Keup, Lowell, F.	1
Kroger, Richard L.	
McDaniel, Michael D.	3
Nelson, Charles W.	4
Rowe, Gilbert T.	2
Walker, Charles R.	10
Walker, William H.	2
SOUTHEAST	
Andrews, Jay D.	26
Baker, W. Donald	15
Bellis, Vincent J.	8
Bender, Edward S.	2
Birdsong, Ray S.	5
Carpenter, Edward J.	5
Carriker, Melbourne R.	6
Castiglione, Louis J.	2
Croker, Robert A.	6
Dickson, Kenneth L.	5
Dooley, James K.	4
Eisler, Ronald	1
Greeson, Phillip E.	1
Hecky, Robert E.	4.5
Robbie, John E.	6
Jeffers, Edmund E.	2
Keller, Edward C. Jr.	3
Kelly, Robert R.	5
Keup, Lowell, F.	2
Kroger, Richard L.	6
Kuenzler, Edward J.	12
Lammers, William T.	15
Lanza, Guy R.	2
Louder, Darrell E.	15
Lynts, George W.	7
Melack, John M.	2
Nelson, Charles W.	2
Odum, William E.	5
Pearson, James G.	1
Rose, Cort D.	10
Rowe, Gilbert T.	3
Scherer, Robert C.	2
Smith, Kenneth L., Jr.	3
Spaulding, Willard M., Jr.	3
Starn, Robert H.	2
Stuart, Alastair M.	4
Tarplee, William H., Jr.	2
Teal, John M.	4
Tyus, Harold M.	8
Wade, Richard A.	12
Walker, Charles R.	1
Yentsch, Charles S.	3
Young, David K.	2
SOUTHWEST	
Bender, Edward S.	0.25
Birchfield, Larry J.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
AQUATIC ECOLOGY	
SOUTHWEST	
Bishop, John W.	1/2
Burton, Gerald L.	3
Chailer Jr., Jack D.	2
Dickson, Kenneth L.	2
Foerster, John W.	2
Jeffers, Edmund E.	2.5
Johnson, James E.	5
Kuenzler, Edward J.	1
McDaniel, Michael D.	3
Neumaier, Gerhard J.	2
Behvoldt, Robert E.	1.5
Smith, Dwight G.	4
WEST INDIES	
Liquori, Vincent R.	
ARBORICULTURE	
NORTH CENTRAL	
Kutschoid, Ben B.	3
SOUTH CENTRAL	
Kutschoid, Ben B.	3
ARCHAEOLOGY	
CENTRAL AMERICA	
Nickerson, Norton H.	0.75
NORTH CENTRAL	
Nickerson, Norton H.	7
NORTHEAST	
Nickerson, Norton H.	15
SOUTHWEST	
Nickerson, Norton H.	2
ARCTIC ALPINE ECOLOGY	
CANADA, EASTERN	
Tiffney, Jr., Wesley N.	
ICELAND	
Tiffney, Jr., Wesley N.	
MIDDLE ATLANTIC	
Tiffney, Jr., Wesley N.	
NORTHEAST	
Tiffney, Jr., Wesley N.	7
ROCKY MOUNTAIN	
Tiffney, Jr., Wesley N.	
ARCTIC ECOLOGY	
ALASKA	
Henshaw, Robert E.	7
CANADA, NORTHERN	
Henshaw, Robert E.	1
CANADA, WESTERN	
Henshaw, Robert E.	1
MIDDLE ATLANTIC	
Henshaw, Robert E.	7
NORTH CENTRAL	
Henshaw, Robert E.	9
NORTHEAST	
Henshaw, Robert E.	7
ATMOSPHERIC CHEMISTRY	
PACIFIC STATES	
Martens, Christopher S.	
PUEBLO PICO	
Martens, Christopher S.	
SOUTHWEST	
Martens, Christopher S.	4
BACTERIOLOGY	
AFRICA	
Moe, Paul G.	6
ALASKA	
Jeffers, Edmund E.	1
ASIA	
Cardenas, Paul E. Jr.	1
Kelly, Marlon G.	1
Rho, Jirngue	5
Yentsch, Charles S.	1
BAHAMAS	
Cassin, Joseph M.	
CENTRAL AMERICA	
Bradley, Sterling G.	1
Bradley, Sterling G.	1
COLOMBIA, WESTERN	
Litchfield, Carol D.	1
Ode, Philip E.	2
Staley, Thomas E.	1
Yentsch, Charles S.	1
MIDDLE ATLANTIC	
Cassin, Joseph M.	2
Frances, Saul	37
Iannotti, Eugene L.	6

Table 5 CONFERENCE
(BY GEOGRAPHIC RESPONSIBILITY)

YEARS IN REGION

FACTORY LOCUS

MIDDLE ATLANTIC

Jeffers, Edmund E.	3
Kelly, Mahlon G.	2
Koesterer, Martin G.	3
Litchfield, Carol D.	5
Massaro, Edward J.	17
Miller, Brinton M.	2
Pfaender, Frederic K.	5
Raizen, Eileen C.	3
Singer, Howard J.	2
Staley, Thomas E.	19
Stern, Arthur M.	24
Walton, Robert B.	20
Willetts, Norman F.	20

NORTH CENTRAL

Bradley, Sterling G.	17
Bradley, Sterling G.	17
Ehrlich, Henry L.	3
Frances, Saul	5
Hall, William E.	16
Iannotti, Eugene L.	2
Jeffers, Edmund E.	16
Litsky, Warren	3
Miller, Brinton M.	4
Moe, Paul G.	10
Raizen, Eileen C.	4
Singer, Howard J.	4
Willetts, Norman F.	3

NORTHEAST

Buck, John D.	10
Cardenas, Raul P., Jr.	12
Cassin, Joseph M.	15
Ehrlich, Henry L.	21
Hall, William E.	24
Heiney, Clayton L.	15
Kelly, Mahlon G.	7
Koesterer, Martin G.	7
Liguori, Vincent R.	21
Litchfield, Carol D.	2
Litsky, Warren	4
Massaro, Edward J.	4
Moe, Paul G.	3
Ode, Phillip E.	13
Pfaender, Frederic K.	3
Rho, Jinnque	8
Saltarelli, Cora G.	13
Singer, Howard J.	4
Staley, Thomas E.	2
Walton, Robert B.	24
Willetts, Norman F.	2
Yentsch, Charles S.	14

OCEANS

Kelly, Mahlon G.

PACIFIC STATES

Jeffers, Edmund E.	1.5
Liguori, Vincent R.	1
Moe, Paul G.	3
Pfaender, Frederic K.	2
Staley, Thomas E.	3
Yentsch, Charles S.	4

ROCKY MOUNTAIN

Jeffers, Edmund E.	11
Raizen, Eileen C.	1

SOUTH CENTRAL

Cassin, Joseph M.	3
Jeffers, Edmund E.	1
Stern, Arthur M.	2

SOUTHEAST

Bradley, Sterling G.	4
Buck, John D.	5
Jeffers, Edmund E.	2
Kelly, Mahlon G.	1
Lammers, William T.	15
Phillips, Walter E., III.	3
Yentsch, Charles S.	3

SOUTHWEST

Cardenas, Raul P., Jr.	7
Ehrlich, Henry L.	0
Jeffers, Edmund E.	2.5
Litchfield, Carol D.	9
Massaro, Edward J.	7
Raizen, Eileen C.	2

INDIANS

Liguori, Vincent R.

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
BENTHIC INVERTEBRATES	
MIDDLE ATLANTIC	
Dyer, Gloria J.	30
NORTHEAST	
Dyer, Gloria J.	8
BENTHOS	
MIDDLE ATLANTIC	
Wass, Marvin L.	11
SOUTHEAST	
Wass, Marvin L.	9
BIOACOUSTICS	
NORTHEAST	
Winn, Howard E.	12
WEST INDIES	
Winn, Howard E.	
BIOCHEMISTRY	
ASIA	
Aaronson, Sheldon	1
Ahmad, Sami	3
De Villafranca, George W.	0.16
Kelly, Mahlon G.	1
EUROPE, EASTERN	
Menyhert, William R.	21
Schreck, Carl B.	0.5
EUROPE, WESTERN	
Ahmad, Sami	3.5
De Villafranca, George W.	0.5
Litchfield, Carol D.	1
Paulson, Glenn L.	1
HAWAII	
Clark, Harold E.	12
MIDDLE ATLANTIC	
Aaronson, Sheldon	24
Adler, Alan D.	14
Ahmad, Sami	2
Clark, Harold E.	32
Kelly, Mahlon G.	2
Litchfield, Carol D.	3
Massaro, Edward J.	5
Menyhert, William R.	15
Paulson, Glenn L.	2
Thoma, Richard W.	17
Zubkoff, Paul L.	10
NORTH CENTRAL	
Banks, Oneil M.	5
Friedhoff, Arnold J.	2
Hall, William E.	16
Thoma, Richard W.	4
NORTHEAST	
Aaronson, Sheldon	2
Adler, Alan D.	5
Ahmad, Sami	1.5
Banks, Oneil M.	9
Crusberg, Theodore C.	10
De Villafranca, George W.	25
Friedhoff, Arnold J.	15
Hall, William E.	24
Kelly, Mahlon G.	7
Litchfield, Carol D.	2
Massaro, Edward J.	4
Menyhert, William R.	2
Paulson, Glenn L.	8
Saltarelli, Cora G.	13
Zubkoff, Paul L.	4
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Aaronson, Sheldon	1
Banks, Oneil M.	2
Schreck, Carl B.	1
Zubkoff, Paul L.	2
ROCKY MOUNTAIN	
Schreck, Carl B.	5
SOUTH CENTRAL	
Ahmad, Sami	2
SOUTHEAST	
Kelly, Mahlon G.	1
Reagan, Roland E.	8
Schreck, Carl B.	1
SOUTHWEST	
Banks, Oneil M.	6
Litchfield, Carol D.	9
Massaro, Edward J.	7

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
EIOENGINEERING	
ALASKA	
Tiner, Jack D.	0.25
MIDDLE ATLANTIC	
Tiner, Jack D.	5
NORTH CENTRAL	
Tiner, Jack D.	8
NORTHEAST	
Tiner, Jack D.	15
PACIFIC STATES	
Tiner, Jack D.	0.25
ROCKY MOUNTAIN	
Tiner, Jack D.	0.25
BIOGEOGRAPHY	
CENTRAL AMERICA	
Hall, William P.	1.5
NORTH CENTRAL	
Hall, William P.	2
NORTHEAST	
Hall, William P.	5
PACIFIC STATES	
Hall, William P.	1
SOUTHWEST	
Hall, William P.	1
BIOLOGICAL PEST CONTROL	
AUSTRALIA	
Stuart, Alastair M.	6
CENTRAL AMERICA	
Stuart, Alastair M.	1
NEW ZEALAND	
Stuart, Alastair M.	6
NORTH CENTRAL	
Stuart, Alastair M.	4
NORTHEAST	
Stuart, Alastair M.	5
SOUTHEAST	
Stuart, Alastair M.	4
BIOPHYSICAL CHEMISTRY	
MIDDLE ATLANTIC	
Adler, Alan D.	14
NORTHEAST	
Adler, Alan D.	5
BIOPHYSICAL ECOLOGY	
NORTH CENTRAL	
Spotila, James R.	1
NORTHEAST	
Spotila, James R.	0.5
SOUTH CENTRAL	
Spotila, James R.	5
SOUTHEAST	
Spotila, James R.	
BIOPHYSICS	
ASIA	
Kelly, Mahlon G.	1
Yentsch, Charles S.	1
CANADA, EASTERN	
Fisher, Harold W.	1
EUROPE, WESTERN	
Fisher, Harold W.	2
Yentsch, Charles S.	1
MIDDLE ATLANTIC	
Kelly, Mahlon G.	2
Linduska, Joseph P.	20
Neumaier, Gerhard J.	1
Zubkoff, Paul L.	10
NORTH CENTRAL	
Linduska, Joseph P.	4
Neumaier, Gerhard J.	1
NORTHEAST	
Fisher, Harold W.	10
Kelly, Mahlon G.	7
Neumaier, Gerhard J.	6
Yentsch, Charles S.	14
Zubkoff, Paul L.	4
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Fisher, Harold W.	2
Linduska, Joseph P.	1
Yentsch, Charles S.	4
Zubkoff, Paul L.	2
ROCKY MOUNTAIN	
Fisher, Harold W.	10
Linduska, Joseph P.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
BIOPHYSICS	
SOUTHEAST	
Kelly, Mahlon G.	1
Linduska, Joseph P.	3
Yentsch, Charles S.	3
SOUTHWEST	
Neumaier, Gerhard J.	2
BIOSTATISTICS	
ALASKA	
Anthony, Vaughn C.	0.5
CANADA, EASTERN	
Anthony, Vaughn C.	
Mason, Robert E.	7
Sissenwine, Michael P.	
CENTRAL AMERICA	
Frame, David W.	0.25
GREAT LAKES	
Judd, John H.	
MIDDLE ATLANTIC	
Cooper, William E., Jr.	1
Frame, David W.	1
Hayne, Don W.	2
Keller, Edward C. Jr.	5
Parrack, Michael L.	1
Rose, Cort D.	2
Sissenwine, Michael P.	
NORTH CENTRAL	
Anthony, Vaughn C.	1
Hayne, Don W.	28
Judd, John H.	13
NORTHEAST	
Anthony, Vaughn C.	9
Cutright, Noel J.	7
Frame, David W.	8
Judd, John H.	14
Kessell, Stephen E.	0.5
Parrack, Michael L.	3
Sissenwine, Michael P.	3
PACIFIC STATES	
Anthony, Vaughn C.	2.5
Keller, Edward C. Jr.	3
ROCKY MOUNTAIN	
Kessell, Stephen E.	0.5
SOUTH AMERICA	
Frame, David W.	0.25
SOUTH CENTRAL	
Cooper, William E., Jr.	5
SOUTHEAST	
Cooper, William E., Jr.	1
Frame, David W.	1
Hayne, Don W.	10
Keller, Edward C. Jr.	3
Mason, Robert E.	8
Reagan, Roland E.	8
Rose, Cort D.	10
SOUTHWEST	
Parrack, Michael L.	6
BOTANY	
ASIA	
Batra, Suzanne W.T.	2
MIDDLE ATLANTIC	
Batra, Suzanne W.T.	5
NORTH CENTRAL	
Batra, Suzanne W.T.	7
NORTHEAST	
Batra, Suzanne W.T.	1
ROCKY MOUNTAIN	
Batra, Suzanne W.T.	0.5
CELL BIOLOGY	
NORTH CENTRAL	
Malamud, Daniel P.	3
NORTHEAST	
Malamud, Daniel P.	6
CHEMISTRY	
MIDDLE ATLANTIC	
Hill, Richard L.	18
NORTH CENTRAL	
Hill, Richard L.	4
COMMUNITY ECOLOGY	
NORTHEAST	
Smith, Dwight G.	3
ROCKY MOUNTAIN	
Smith, Dwight G.	4
SOUTHWEST	
Smith, Dwight G.	4

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

COMPREHENSIVE COAST PLANNING		YEARS IN REGION
ASIA		
McGuinness, William V.		7
EUROPE, WESTERN		
McGuinness, William V.		3
MIDDLE ATLANTIC		
McGuinness, William V.		9
NORTH CENTRAL		
McGuinness, William V.		1
NORTHEAST		
McGuinness, William V.		3
PACIFIC STATES		
McGuinness, William V.		1
ROCKY MOUNTAIN		
McGuinness, William V.		3
SOUTH CENTRAL		
McGuinness, William V.		1
CYTOLOGY DEVELOPMENTAL BIOLOGY		
CENTRAL AMERICA		
Alperin, Richard J.		0.1
EUROPE, WESTERN		
Alperin, Richard J.		0.1
MIDDLE ATLANTIC		
Alperin, Richard J.		10
NORTHEAST		
Alperin, Richard J.		0.5
CYTOLOGY		
AUSTRALIA		
Rudkin, George T.		3
CANADA, EASTERN		
Sparrow, Arnold H.		3
CANADA, WESTERN		
Sparrow, Arnold H.		3
EUROPE, WESTERN		
Rudkin, George T.		3
Sparrow, Arnold H.		1
MIDDLE ATLANTIC		
Rudkin, George T.		21
NORTHEAST		
Sparrow, Arnold H.		30
PACIFIC STATES		
Rudkin, George T.		5
POLYNESIA		
Rudkin, George T.		3
CYTOLOGY, PLANT CHROMOSOMES		
ASIA		
Smith, Ben W.		
CANADA, WESTERN		
Smith, Ben W.		0.5
EUROPE, WESTERN		
Smith, Ben W.		
MIDDLE ATLANTIC		
Smith, Ben W.		2
NORTH CENTRAL		
Smith, Ben W.		3
PACIFIC STATES		
Smith, Ben W.		
ROCKY MOUNTAIN		
Smith, Ben W.		
SOUTHEAST		
Smith, Ben W.		34
DENDROLOGY		
CENTRAL AMERICA		
Little, Elbert L., Jr.		1
MEXICO		
Little, Elbert L., Jr.		1
MIDDLE ATLANTIC		
Little, Elbert L., Jr.		24
NORTH CENTRAL		
Little, Elbert L., Jr.		2
PUERTO RICO		
Little, Elbert L., Jr.		1
SOUTH AMERICA		
Little, Elbert L., Jr.		4
SOUTH CENTRAL		
Little, Elbert L., Jr.		4
SOUTHWEST		
Little, Elbert L., Jr.		8
DEVELOPMENTAL BIOLOGY		
NORTHEAST		
Lemanski, Larry F.		2
SOUTHWEST		
Lemanski, Larry F.		5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ECOLOGICAL ENGINEERING	
ALASKA	
Little Jr., Frank J.	1
ANTARCTIC	
Little Jr., Frank J.	1
CENTRAL AMERICA	
Little Jr., Frank J.	1
MIDDLE ATLANTIC	
Little Jr., Frank J.	1
NORTHEAST	
Little Jr., Frank J.	1
PACIFIC STATES	
Little Jr., Frank J.	4
SOUTH AMERICA	
Little Jr., Frank J.	1
SOUTH CENTRAL	
Little Jr., Frank J.	3
SOUTHEAST	
Little Jr., Frank J.	1
ECOLOGY OF ZOONOSES	
ASIA	
Williams, James E.	2
MIDDLE ATLANTIC	
Williams, James E.	3
SOUTHEAST	
Williams, James E.	6
EMBRYOLOGY OF ANGIOSPERMS	
NORTH CENTRAL	
Smith, Bruce B.	3
NORTHEAST	
Smith, Bruce B.	1
SOUTHEAST	
Smith, Bruce B.	6
EMBRYOLOGY	
NORTHEAST	
Weis, Peddrick	13
ENTOMOLOGY	
AFRICA	
Khattat, Fadhill H.	6
Steyskal, George C.	.5
ALASKA	
Boddicker, Major L.	0.75
ASIA	
Ahmad, Sami	3
Axtell, Richard C.	1
Batra, Suzanne W.T.	2
Hinckley, Alden D.	1
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Knoll, H.A.	2
Page, Robert Z.	1
Russell, Harold G., Jr.	2
Ward, Ronald A.	1
AUSTRALIA	
Stuart, Alastair M.	6
CANADA, EASTERN	
Jenkins, Dale W.	1
Spielman, Andrew	1
Waters, William E.	
CANADA, WESTERN	
Lanier, Gerald N.	4
CENTRAL AMERICA	
Jenkins, Dale W.	2
Spielman, Andrew	5
Stuart, Alastair M.	1
EUROPE, WESTERN	
Ahmad, Sami	3.5
Dysart, Richard J.	8
Knoll, H.A.	5
Spielman, Andrew	1
Ward, Ronald A.	1
Waters, William E.	
HAWAII	
Hinckley, Alden D.	4
Matsumoto, Barton M.	4
MICRONESIA	
Fuchs, Everett H.	2
MID EAST	
Khattat, Fadhill H.	
MIDDLE ATLANTIC	
Hinckley, Alden D.	3
MIDDLE ATLANTIC	
Ahmad, Sami	2
Axtell, Richard C.	2
Batra, Suzanne W.T.	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

ENTOMOLOGY		YEARS IN REGION
MIDDLE ATLANTIC		
Bay, Ernest C.		3
Bernardin, Paul A.		4
Ford, Robert P.		5
Fuchs, Everett H.		1
Giles, Francis E.		5
Huber, Ivan		7
Jenkins, Dale W.		18
Johnson Michael D.		1
Kelly, Mahlon G.		2
Khattat, Fadhil H.		7
Linduska, Joseph P.		20
Mangiafico, Joseph A.		12
Page, Robert Z.		20
Russell, Harold G., Jr.		19
Savage, Joseph E.		1
Steyskal, George C.		10
Ward, Ronald A.		11
Waters, William E.		4
Webb, Ralph E.		8
NEW ZEALAND		
Stuart, Alastair M.		6
NORTH CENTRAL		
Batra, Suzanne W.T.		7
Boddicker, Major L.		7
Connell, Walter A.		2
Dysart, Richard J.		10
Fuchs, Everett H.		5
Giles, Francis E.		7
Glover, Sandra J.		.25
Huber, Ivan		5
Jenkins, Dale W.		2
Johnson Michael D.		25
Linduska, Joseph P.		4
Morris, Charlie D.		1
Paulson Jr., Donald L.		6
Poe, Thomas P.		2
Spielman, Andrew		15
Stuart, Alastair M.		4
Ward, Ronald A.		5
NORTHEAST		
Ahmad, Sami		1.5
Axtell, Richard C.		5
Batra, Suzanne W.T.		1
Bay, Ernest C.		4
Bernardin, Paul A.		12
Connell, Walter A.		32
Dalglish, Robert C.		10
Ford, Robert P.		10
Fuchs, Everett H.		1
Hinckley, Alden D.		3
Huber, Ivan		4
Jenkins, Dale W.		1
Kelley, Roger W., Jr.		17
Kelly, Mahlon G.		7
Khattat, Fadhil H.		4
Knoll, H.A.		11
Lanier, Gerald N.		2
Mangiafico, Joseph A.		3
Morris, Charlie D.		2
Paulson Jr., Donald L.		2
Pimentel, David		16
Poe, Thomas P.		4
Root, Richard E.		7
Savage, Joseph E.		
Simeone, John B.		30
Stuart, Alastair M.		5
Waters, William E.		18
OCEANS		
Kelly, Mahlon G.		
PACIFIC ISLANDS		
Connell, Walter A.		2
PACIFIC STATES		
Bay, Ernest C.		12
Hinckley, Alden D.		1
Kelley, Roger W., Jr.		0.5
Lanier, Gerald N.		7
Linduska, Joseph P.		1
Matsumoto, Barton M.		7
Page, Robert Z.		1
Root, Richard E.		6
Steyskal, George C.		1
Ward, Ronald A.		3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

ENTOMOLOGY	YEARS IN REGION
PUERTO RICO	
Pimentel, David	3
ROCKY MOUNTAIN	
Batra, Suzanne W.T.	0.5
Boddicker, Major L.	1
Giles, Francis E.	5.05
Glover, Sandra J.	.25
Jenkins, Dale W.	1
Linduska, Joseph P.	3
Russell, Harold G., Jr.	4
SOUTH AMERICA	
Giles, Francis E.	3
Jenkins, Dale W.	2
Root, Richard B.	1
SOUTH CENTRAL	
Ahmad, Sami	2
Connell, Walter A.	1
Glover, Sandra J.	4
Pimentel, David	1
Savage, Joseph E.	4
SOUTH PACIFIC	
Hinckley, Alden D.	7
SOUTHEAST	
Axtell, Richard C.	10
Ford, Robert P.	1
Giles, Francis E.	2
Glover, Sandra J.	6
Jenkins, Dale W.	3
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Linduska, Joseph P.	3
Morris, Charlie D.	2
Page, Robert Z.	3
Pimentel, David	1
Stuart, Alastair M.	4
Waters, William E.	1
SOUTHWEST	
Johnson Michael D.	1
Russell, Harold G., Jr.	2
Ward, Ronald A.	1
THAILAND	
Savage, Joseph E.	1
NORTH CENTRAL	
Bernardin, Paul A.	6
ENVIRONMENTAL POLLUTION	
MIDDLE ATLANTIC	
Hemmett, Roland B.	7
ENVIRONMENTAL CHEMISTRY	
EUROPE, WESTERN	
Bikales, Norbert M.	1
NORTHEAST	
Bikales, Norbert M.	20
ENVIRONMENTAL COATINGS	
EUROPE, EASTERN	
Menyhert, William R.	21
MIDDLE ATLANTIC	
Menyhert, William R.	15
NORTHEAST	
Menyhert, William R.	2
ENVIRONMENTAL EDUCATION	
NORTHEAST	
Omland, Per A.	5
SOUTHEAST	
Omland, Per A.	
ENVIRONMENTAL IMPACT STUDIES	
CANADA, EASTERN	
Goodland, Robert J.	3
CENTRAL AMERICA	
Goodland, Robert J.	1
NORTHEAST	
Goodland, Robert J.	1
SOUTH AMERICA	
Goodland, Robert J.	5
ENVIRONMENTAL MANAGEMENT	
ASIA	
McGuinness, William V.	7
EUROPE, WESTERN	
McGuinness, William V.	3
MIDDLE ATLANTIC	
McGuinness, William V.	9
NORTH CENTRAL	
McGuinness, William V.	1
NORTHEAST	
McGuinness, William V.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ENVIRONMENTAL MANAGEMENT	
PACIFIC STATES	
McGuinness, William V.	1
ROCKY MOUNTAIN	
McGuinness, William V.	3
SOUTH CENTRAL	
McGuinness, William V.	1
ENVIRONMENTAL MICROBIOLOGY	
MIDDLE ATLANTIC	
Koesterer, Martin G.	
NORTHEAST	
Koesterer, Martin G.	7
ENVIRONMENTAL POLLUTION	
NORTHEAST	
Dudzinski, Diane M.	26
AFRICA	
Moe, Paul G.	4
Wagner, Richard H.	1
ALASKA	
Eisler, Ronald	.25
Little Jr., Frank J.	1
Nyquist, David	3
Stephenson, Don W.	1
ANTARCTIC	
Little Jr., Frank J.	1
ASIA	
Adams, Donald D.	1
Cardenas, Raul P., Jr.	1
Gorden, Morton	1
Harvey, George R.	
Hershafft, Alex	2
Kelley, Roger W., Jr.	1
Lanza, Guy R.	1.5
Miner, Dallas D.	0.5
Rho, Jinnque	5
Sanchez, James R.	1
Wagner, Richard H.	1
Yentsch, Charles S.	1
AUSTRALIA	
Boesch, Donald F.	1
Wilson, Lee	1
CANADA, EASTERN	
Adams, Donald D.	4
Cairns, Jr., John	0.25
Jenkins, Robert E.	0
Teal, John M.	2
Walker, Charles R.	
Wilson, Lee	1
CANADA, NORTHERN	
Walker, Charles R.	
Zaltzman, Raul	
CANADA, WESTERN	
Baier, Rodger W.	0.2
Walker, Charles R.	
Zaltzman, Raul	
CENTRAL AMERICA	
Baier, Rodger W.	0.25
Gorden, Morton	
Harvey, George R.	
Little Jr., Frank J.	1
Zaltzman, Raul	
EUROPE, EASTERN	
Gorden, Morton	
Menyhert, William R.	21
EUROPE, WESTERN	
Adams, Donald D.	
Bikales, Norbert M.	1
Eisler, Ronald	.25
Gorden, Morton	1
Hamilton, Daniel Heyward	1
Harleman, Donald R.	1
Paulson, Glenn L.	1
Wagner, Richard H.	5
Walker, Charles R.	
Wilson, Lee	1
Yentsch, Charles S.	1
HAWAII	
Eisler, Ronald	.25
Harvey, George R.	
Virstein, Robert W.	0.5
HIGH ARCTIC	
Hughes, Kent H.	1
ISRAEL	
Eisler, Ronald	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

ENVIRONMENTAL POLLUTION	
MEDITERRANEAN	
Villanail, Richard J.	0.5
MICRONESIA	
Fuchs, Everett H.	2
MIDDLE ATLANTIC	
Adams, Donald D.	2
Alden, Jon C.	2
Anderson, Bertil G.	26
Baier, Rodger W.	1
Beckers, Jr., Charles V.	1
Bender, Edward S.	1
Boesch, Donald P.	4
Cairns, Jr., John	20
Carr, Jerome B.	1
Chase, Craig C.	10
Cooper, William E., Jr.	1
Cox, Geraldine V.	5
Craker, Lyle E.	2
Dillingham, James H.	5
Eisler, Ronald	6
Engel, Ronald A.	1
Fuchs, Everett H.	12
Goldstein, Bernard D.	3
Gorden, Morton	5
Griffith, Roger B.	3
Haines, Terry A.	4
Hamilton, Daniel Heyward	2
Hershafft, Alex	1
Hughes, Kent H.	2
Jackson, Daniel P.	11
Jenkins, Charles F.	7
Jenkins, Robert E.	20
Jameson, Robert M.	3
Keefer, Scott D.	1
Keup, Lowell, P.	2
Lanza, Guy R.	5
Lees, Aldridge L., Jr.	10
Linsky, Benjamin	1
Little Jr., Frank J.	5
Malone, Winfred P.	15
Massaro, Edward J.	17
Menyhett, William R.	7
Miller, Brinton M.	6
Morgan, Raymond P.	1
Nadeau, Royal J.	2
Neumaier, Gerhard J.	2
Nyquist, David	2
Paulson, Glenn L.	2
Pfaender, Frederic K.	2
Pinkham, Carlos P.A.	2
Prager, Manfred J.	22
Prosser, Norville S.	5
Rose, Cort D.	2
Sack, William A.	4
Sanchez, James R.	3
Sjolseth, Danny E.	3
Smith, William H.	4
Stephenson, Don W.	3
Stern, Arthur M.	19
Stoneburner, Daniel L.	2.5
Trautenberg, Gerald A.	14
Virstein, Robert W.	3
Wade, Richard A.	1
Wagner, Richard H.	6
Walker, Charles R.	6
Weber, Richard S.	3
Weiss, Charles M.	6
NORTH CENTRAL	
Adrian, Donald D.	1
Alden, Jon C.	3
Alker, Julius	2
Anderson, Bertil G.	27
Banks, Oneil M.	5
Bardarik, Daniel G.	3
Beckers, Jr., Charles V.	4
Cairns, Jr., John	1
Carr, Jerome B.	4
Chase, Craig C.	4
Craker, Lyle E.	4
Dillingham, James H.	4
Engel, Ronald A.	6
Fuchs, Everett H.	6
Haase, Bruce L.	6
Haines, Terry A.	6

TABLE 5
 REPEATED
 BY GEOGRAPHIC AFFILIATION)

ENVIRONMENTAL POLLUTION	YEARS IN REGION
NORTH CENTRAL	
Hershhaft, Alex	5
Jenkins, Charles R.	3
Keefer, Scott D.	3
Keup, Lowell, P.	2
Likens, Gene E.	5
Linsky, Benjamin	8
Litsky, Warren	3
Miller, Pinton M.	4
Miner, Dallas D.	2
Moe, Paul G.	10
Neumaler, Gerhard J.	1
Pinkham, Carlos F.A.	5
Sanchez, James R.	1
Satterwhite, Melvin B.	3
Snyder, Donald B.	5
Stoneturner, Daniel L.	3
Villamil, Richard J.	1
Wade, Richard A.	1
Walker, Charles R.	6
Zaltzman, Saul	
NORTHEAST	
Adrian, Donald D.	6
Alden, Jon C.	2
Alker, Julius	1
Banks, Oneil M.	9
Bardarik, Daniel G.	17
Beckers, Jr., Charles V.	6
Bender, Edward S.	0.5
Bikales, Norbert M.	20
Brown, Charles L.	12
Browne, Francis X.	3
Buck, John D.	10
Cardenas, Raul P., Jr.	12
Carpenter, Edward J.	3
Carr, Jerome B.	10
Castiglione, Louis J.	4
Chailer Jr., Jack D.	1
Chase, Craig C.	25
Cook, David O.	3
Cox, Geraldine V.	3
Cox, James L.	2
Craker, Lyle E.	4
Cunningham, Denis	2
Cutright, Noel J.	7
Dillingham, James H.	7
Edwards, Stephen J.	2
Eisenbud, Merrill	37
Fisler, Ronald	6
Freudenthal, Hugo D.	18
Fuchs, Everett H.	1
Gasper, Donald C.	15
Gold, Kenneth	10
Gorden, Morton	17
Griffith, Roger B.	3
Haase, Bruce L.	4
Hamilton, Daniel Heyward	5
Harleman, Donald R.	28
Hartwell, Allan D.	6
Harvey, George R.	7
Hershhaft, Alex	8
Jackson, Daniel r.	22
Jahoda, John C.	5
Jenkins, Robert E.	4
Jimeson, Robert M.	9
Kelley, Roger H., Jr.	17
Keup, Lowell, P.	1
Klattenberg, Donald P.	3
Lanza, Guy P.	
Likens, Gene E.	10
Litsky Warren	4
Little Jr., Frank J.	1
Malone, Winfred P.	
Massaro, Edward J.	4
Menyhert, William R.	2
Miner, Dallas D.	4
Moe, Paul G.	3
Moore, Stephen F.	1
Nezdeau, Royal J.	6
Neumaler, Gerhard J.	6
Nickel, Ross	12
Paulson, Glenn L.	8
Pfeander, Frederic F.	3
Polgar Tibor T.	7

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

ENVIRONMENTAL POLLUTION	YEARS IN REGION
NORTHEAST	
Randall, Clifford W.	0.5
Rehwooldt, Robert E.	19
Rho, Jinnque	8
Rowe, Gilbert T.	4
Satterwhite, Melvin B.	2
Shaw, David G.	5
Smith, William H.	7
Snyder, Donald B.	5
Teal, John M.	15
Villamil, Richard J.	4
Wade, Richard A.	2
Wehner, Donald C.	18
Weiss, Charles M.	3
Westfield, James D.	5
Wikstrom, Leonard L.	6
Wilson, Lee	2
Witschcnke, Charles R.	35
Yentsch, Charles S.	14
Zoellner, David R.	1
PACIFIC STATES	
Adams, Donald D.	3
Adrian, Donald D.	6
Baier, Rodger W.	15
Banks, Oneil M.	2
Cairns, Jr., John	0.75
Cook, David O.	5
Cox, James L.	4
Cunningham, Denis	
Dillingham, James H.	
Eisler, Ronald	6
Goldstein, Bernard D.	2
Hershaf, Alex	1
Hughes, Kent H.	6
Jimeson, Robert M.	1
Kelley, Roger W., JR.	0.5
Linsky, Benjamin	6
Little Jr., Frank J.	4
Martens, Christopher S.	
Moe, Paul G.	3
Moore, Stephen F.	4
Nyquist, David	2
Pfaender, Frederic K.	2
Sanchez, James R.	1
Sjolseth, Danny E.	4
Westfield, James D.	2
Wikstrom, Leonard L.	6
Yentsch, Charles S.	4
PUERTO RICO	
Martens, Christopher S.	
ROCKY MOUNTAIN	
Eisler, Ronald	2
Nyquist, David	4
Prosser, Norville S.	2
Sanchez, James R.	3
Wagner, Richard H.	6
Wilson, Lee	1
SOUTH AMERICA	
Baier, Rodger W.	0.1
Cairns, Jr., John	0.25
Eisenbud, Merril	
Little Jr., Frank J.	1
Wade, Richard A.	0.16
Westfield, James D.	2
Zaltzman, Raul	
SOUTH CENTRAL	
Boesch, Donald F.	1
Cooper, William E., JR.	5
Harvey, George R.	6
Jenkins, Charles R.	1
Jenkins, Robert E.	0
Keup, Lowell, F.	1
Little Jr., Frank J.	3
McDaniel, Michael D.	3
Randall, Clifford W.	1
Rowe, Gilbert T.	2
Stern, Arthur M.	2
Walker, Charles R.	10
SOUTHEAST	
Adrian, Donald D.	3
Alker, Julius	7
Bender, Edward S.	2
Browne, Francis X.	3
Buck, John D.	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

ENVIRONMENTAL POLLUTION	
SOUTHEAST	
Carpenter, Edward J.	5
Castiglione, Louis J.	2
Cooper, William E., Jr.	1
Davalas, Andinos P.	19
Fisler, Ronald	1
Gurtz, Martin E.	3
Jadlocki, Joseph F.	2
Jenkins, Robert E.	0
Keefer, Scott D.	
Kelley, Roger W., Jr.	1
Keup, Lowell, F.	2
Lammers, William T.	15
Lanza, Guy R.	2
Little Jr., Frank J.	1
Little, Linda W.	14
Martens, Christopher S.	4
Randall, Clifford W.	7
Reagan, Roland E.	8
Rose, Cort D.	10
Rowe, Gilbert T.	3
Teal, John M.	4
Villamil, Richard J.	2.5
Virnstein, Robert W.	3
Wade, Richard A.	12
Walker, Charles R.	1
Wehner, Donald C.	3
Weiss, Charles M.	12
Westfield, James D.	2
Yentsch, Charles S.	3
Zoellner, David R.	4
SOUTHWEST	
Banks, Oneil M.	6
Bender, Edward S.	0.25
Cardenas, Raul P., Jr.	7
Chailer Jr., Jack D.	2
Jahoda, John C.	3
Jenkins, Charles R.	4
Massaro, Edward J.	7
McDaniel, Michael D.	3
Neumaier, Gerhard J.	2
Randall, Clifford W.	5
Rehboldt, Robert E.	1.5
Stephenson, Don W.	1
Stoneburner, Daniel L.	0.5
Wagner, Richard H.	1
Wilson, Lee	1
Zaltzman, Raul	
Zoellner, David R.	5
ENVIRONMENTAL TOXICOLOGY	
EUROPE, WESTERN	
Paulson, Glenn L.	1
MIDDLE ATLANTIC	
Paulson, Glenn L.	2
NORTHEAST	
Paulson, Glenn L.	8
EROSION CONTROL	
MIDDLE ATLANTIC	
Weber, Richard S.	3
ETHNOLOGY	
CENTRAL AMERICA	
Nickerson, Norton H.	0.75
NORTH CENTRAL	
Nickerson, Norton H.	7
NORTHEAST	
Nickerson, Norton H.	15
SOUTHWEST	
Nickerson, Norton H.	2
EUTROPHICATION ANALYSIS	
NORTHEAST	
Browne, Francis X.	3
SOUTHEAST	
Browne, Francis X.	3
EVOLUTION & ADAPTATION	
PACIFIC STATES	
Bell, C.R.	5
SOUTHEAST	
Bell, C.R.	15
EXTENSION EDDC.	
MIDDLE ATLANTIC	
Almand, James D.	3
SOUTHEAST	
Almand, James D.	6

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
FIELD NATURAL HISTORY	
NORTHEAST	
Payne, Barrison H.	23M
FISH DISEASES & PATHOLOGY	
ALASKA	
Jeffers, Edmund E.	1
MIDDLE ATLANTIC	
Jeffers, Edmund E.	3
NORTH CENTRAL	
Jeffers, Edmund E.	16
PACIFIC STATES	
Jeffers, Edmund E.	1.5
ROCKY MOUNTAIN	
Jeffers, Edmund E.	11
SOUTH CENTRAL	
Jeffers, Edmund E.	1
SOUTHEAST	
Jeffers, Edmund E.	2
SOUTHWEST	
Jeffers, Edmund E.	2.5
FISHERY BIOLOGY	
AFRICA	
Pierce, Phillip C.	4
ALASKA	
Andersen, Aven M.	1
Anthony, Vaughn C.	0.5
Aron, William I.	
Eisler, Ronald	.25
Nyquist, David	3
ASIA	
Cole, Charles F.	1
Fairchild Robert P.	2
Jernejcic, Frank A.	0.1
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Vaillancourt, Josph H.	1
CANADA, EASTERN	
Anthony, Vaughn C.	
Foerster, John W.	1
Mason, Robert E.	7
Sissenwine, Michael P.	
Walker, Charles R.	
CANADA, NORTHERN	
Walker, Charles R.	
CANADA, WESTERN	
Andersen, Aven M.	
McHugh, John L.	4
Walker, Charles R.	
CARIBBEAN	
Arnold, Dean E.	1
CENTRAL AMERICA	
Frame, David W.	0.25
Pierce, Phillip C.	0.1
Saila, Saul B.	0.5
Scattergood, Leslie W.	1
EUROPE, EASTERN	
Aron, William I.	
Schreck, Carl B.	0.5
EUROPE, WESTERN	
Eisler, Ronald	.25
Saila, Saul B.	1.5
Scattergood, Leslie W.	1
Vaillancourt, Josph H.	1
Walker, Charles R.	
EUROPE, WESTERN D.K. U.K.	
McHugh, John L.	4
HAWAII	
Cheng, Thomas C.	7
Eisler, Ronald	.25
Gregory, Richard W.	0.5
ISRAEL	
Eisler, Ronald	1
MICRONESIA	
Fuchs, Everett H.	2
MIDDLE ATLANTIC	
Andersen, Aven M.	2
Arnold, Dean E.	1
Aron, William I.	7
Barans, Charles A.	3
Beal, Kenneth L.	7
Bender, Edward S.	1
Cheng, Thomas C.	
Denoncourt, Robert F.	5
Dryfoos, Robert L.	7
Eisler, Ronald	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

FISHERY BIOLOGY		YEARS IN REGION
MIDDLE ATLANTIC		
Engel, Ronald A.		6
Foerster, John W.		4
Foote, Peter S.		1
Frame, David W.		1
Fuchs, Everett H.		1
Groutage, Thomas M.		1
Hennett, Roland B.		7
Hollingshead, Kenneth F.		5
Kelly, Mahlon G.		2
Kroger, Richard L.		
Lanier, James A.		9
Louder, Darrell E.		1
Morgan, Raymond P.		7
Nyquist, David		2
Ozmina, David J.		5
Pearson, James G.		3
Prosser, Norville S.		5
Ritchie, Jr., Douglas E.		12
Rose, Cort D.		2
Saila, Saul B.		2
Scattergood, Leslie W.		12
Sissenwine, Michael P.		
Sjolseth, Danny E.		3
Spaulding, Willard M., Jr.		4
Walker, Charles R.		6
Walker, William H.		5
Wiley, Martin L.		4
McHugh, John L.		22
NORTH CENTRAL		
Andrews, Jay D.		4
Anthony, Vaughn C.		1
Arnold, Dean E.		3
Barans, Charles A.		3
Birchfield, Larry J.		1
Burton, Gerald L.		1
Culp, Terry R.		2
Denoncourt, Robert F.		1
Engel, Ronald A.		4
Fuchs, Everett H.		5
Groutage, Thomas M.		2
Haase, Bruce L.		8
Jernejcic, Frank A.		2
Johnson, James E.		3
Jones, Walter A.		4
Kroger, Richard L.		
Louder, Darrell E.		1
Saila, Saul B.		4
Spaulding, Willard M., Jr.		9
Walker, Charles R.		6
NORTHEAST		
Anthony, Vaughn C.		9
Arnold, Dean E.		7
Barans, Charles A.		1
Bender, Edward S.		0.5
Pourque, Peter M.		8
Cheng, Thomas C.		8
Cole, Charles P.		3
Culp, Terry R.		1
Denoncourt, Robert F.		10
Domermuth, Robert B.		5
Dryfoos, Robert L.		1
Fisler, Ronald		6
Fairchild, Robert P.		6
Foerster, John W.		4
Foote, Peter S.		1
Forney, John L.		15
Frame, David W.		8
Fuchs, Everett H.		1
Gasper, Donald C.		15
Gordon, Bernard L.		17
Green, David M.		11
Gregory, Richard W.		3
Groutage, Thomas M.		6
Haase, Bruce L.		4
Hastings, Robert W.		1
Hayden, Robert P.		2
Hutchinson, Brendan P.		7
Jernejcic, Frank A.		3
Johnson, James E.		3
Jones, Walter A.		4
Kelley, Roger W., Jr.		17
Kelly, Mahlon G.		7

TABLE COMPETENCY
 (BY GEOGRAPHIC FAMILIARITY)

FISHERY BIOLOGY	YEARS IN REGION
NORTHEAST	
Kroger, Richard L.	
Liguori, Vincent R.	21
Louder, Darrell E.	1
Marcy, Barton C.	10
Neves, Richard J.	4
Rideout, Stephen G.	3
Roscinski, Robert J.	0.5
Saila, Saul B.	12
Scattergood, Leslie W.	19
Sissenwine, Michael P.	3
Spaulding, Willard M., Jr.	3
Vaillancourt, Joseph H.	7
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Andersen, Aven M.	11
Anthony, Vaughn C.	2.5
Aron, William I.	15
Dryfoos, Robert L.	4
Eisler, Ronald	6
Gregory, Richard W.	3
Groutage, Thomas M.	4
Hayden, Robert P.	14
Kelley, Roger W., Jr.	0.5
Liguori, Vincent R.	1
McHugh, John L.	5
Nyquist, David	2
Pearson, James G.	2
Scattergood, Leslie W.	3
Schreck, Carl B.	1
Stolseth, Danny E.	4
Wiley, Martin L.	2
ROCKY MOUNTAIN	
Eisler, Ronald	2
Gregory, Richard W.	6
Kroger, Richard L.	2
Nyquist, David	4
Ozmina, David J.	1
Prosser, Norville S.	2
Schreck, Carl B.	5
SOUTH AMERICA	
Foerster, John W.	0.5
Frame, David W.	0.25
SOUTH CENTRAL	
Burton, Gerald L.	2
Cole, Charles F.	3
Denoncourt, Robert P.	1
Kroger, Richard L.	
McDaniel, Michael D.	3
Neves, Richard J.	1
Ozmina, David J.	2
Walker, Charles R.	10
Walker, William H.	2
Wiley, Martin L.	4
SOUTHEAST	
Andrews, Jay D.	26
Baker, W. Donald	15
Bender, Edward S.	2
Cheng, Thomas C.	5
Cole, Charles F.	4
Eisler, Ronald	1
Frame, David W.	1
Green, David M.	2
Hastings, Robert W.	7
Johnson, Harrel B.	3
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Kroger, Richard L.	6
Louder, Darrell E.	15
Mason, Robert E.	8
Pearson, James G.	1
Pierce, Phillip C.	10
Rose, Cort D.	10
Schreck, Carl B.	1
Spaulding, Willard M., Jr.	3
Street, Michael W.	7.5
Tarplee, William H., Jr.	2
Tyus, Harold M.	8
Vaillancourt, Joseph H.	3
Walker, Charles R.	1
SOUTHWEST	
Bender, Edward S.	0.25
Birchfield, Larry J.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

		YEARS IN REGION
FISHERY BIOLOGY		
SOUTHWEST		
Burton, Gerald L.		3
Foerster, John W.		2
Johnson, James E.		5
McDaniel, Michael D.		3
Ozmina, David J.		3
WEST INDIES		
Liguori, Vincent R.		
FISHERY MANAGEMENT		
CANADA, WESTERN		
McHugh, John L.		4
EUROPE, WESTERN U.K. U.K.		
McRugh, John L.		4
MIDDLE ATLANTIC		
McRugh, John L.		22
PACIFIC STATES		
McHugh, John L.		5
FISHERY BIOLOGY		
NORTHEAST		
Richards, Clarence E.		2
SOUTHEAST		
Richards, Clarence E.		18
FOOD SCIENCES		
NORTH CENTRAL		
Brockmann, Maxwell C.		25
NORTH EAST		
Brockmann, Maxwell C.		8
SOUTH CENTRAL		
Brockmann, Maxwell C.		8
FOREST HYDROLOGY		
EUROPE, WESTERN		
Lee, Richard		1
NORTHEAST		
Lee, Richard		8
ROCKY MOUNTAIN		
Lee, Richard		3
SOUTHWEST		
Lee, Richard		1
FORESTRY		
AFRICA		
Post, Boyd W.		1
Smith, David M.		1
ASIA		
Kelly, Mahlon G.		1
Vaillancourt, Joseph H.		1
CANADA, EASTERN		
Damman, Antoni W.		9
Waters, William E.		
CANADA, WESTERN		
Mitchell, Kenneth J.		7
CENTRAL AMERICA		
Little, Elbert L., Jr.		1
EUROPE, WESTERN		
Damman, Antoni W.		3
Ralston, Charles W.		2
Smith, David M.		1
Stone Jr., Earl L.		14
Vaillancourt, Joseph H.		1
Waters, William E.		
MEXICO		
Little, Elbert L., Jr.		1
MIDDLE ATLANTIC		
Cliff, Edward P.		23
Ford, Robert P.		5
Hutnik, Russell J.		16
Kelly, Mahlon G.		2
Lemmon, Paul E.		3
Little, Elbert L., Jr.		24
Rohde, Wayne G.		2
Smith, William H.		4
Stout, Benjamin B.		13
Ward, Wilber W.		24
Waters, William E.		4
Wiant, Harry V., Jr.		1
Willcox, Henry M., III		6
NORTH CENTRAL		
Damman, Antoni W.		2
Davey, Charles E.		5
Kutscheid, Ben E.		3
Lemmon, Paul E.		3
Little, Elbert L., Jr.		2
Post, Boyd W.		2
Rohde, Wayne G.		2
Stone Jr., Earl L.		2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

FORESTRY	YEARS IN REGION
NORTH CENTRAL	
Ward, Wilber W.	4
NORTHEAST	
Brown, James H. Jr.	13
Craul, Phillip J.	11
Cutright, Noel J.	7
Damman, Antoni W.	5
Davey, Charles B.	1
Ford, Robert P.	10
Hutnik, Russell J.	5
Kelly, Mahlon G.	7
Kessell, Stephen R.	0.5
Lemmon, Paul E.	3
Mitchell, Kenneth J.	5
Post, Boyd W.	11
Ritchie, Gary A.	2
Rohde, Wayne G.	
Simeone, John B.	30
Smith, David M.	28
Smith, William H.	7
Stout, Benjamin B.	12
Vaillancourt, Joseph H.	7
Ward, Wilber W.	2
Waters, William E.	18
Willcox, Henry H., III	
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Cliff, Edward P.	13
Craul, Phillip J.	1
Davey, Charles B.	1
Lemmon, Paul E.	15
Ritchie, Gary A.	8
Smith, David M.	1
Wiant, Harry V., Jr.	4
PUERTO RICO	
Little, Elbert L., Jr.	1
ROCKY MOUNTAIN	
Brown, James H. Jr.	1
Cliff, Edward P.	5
Davey, Charles B.	1
Kessell, Stephen R.	0.5
Lemmon, Paul E.	1
Rohde, Wayne G.	0.5
S.E. ASIA	
Stone Jr., Earl L.	Philippines
SOUTH AMERICA	
Little, Elbert L., Jr.	4
SOUTH CENTRAL	
Kutscheid, Ben B.	3
Lemmon, Paul E.	3
Little, Elbert L., Jr.	4
Post, Boyd W.	1
SOUTHWEST	
Brown, James H. Jr.	2
Craul, Phillip J.	6
Davey, Charles B.	16
Ford, Robert P.	1
Haines, Leroy W.	20
Hutnik, Russell J.	1
Kelly, Mahlon G.	1
Lemmon, Paul E.	3
Post, Boyd W.	4
Ralston, Charles W.	26
Rohde, Wayne G.	
Stone Jr., Earl L.	2
Vaillancourt, Joseph H.	3
Ward, Wilber W.	2
Waters, William E.	1
SOUTHWEST	
Lemmon, Paul E.	1
Little, Elbert L., Jr.	8
Rohde, Wayne G.	0.5
Wiant, Harry V., Jr.	7
GENERAL POLLUTION CONTROL	
NORTHEAST	
Witschonke, Charles R.	35
GENETICS	
ASIA	
Kelly, Mahlon G.	1
Majumdar, Shyamal K.	4
Smith, Ben W.	
AUSTRALIA	
Rudkin, George T.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

GENETICS

CANADA, EASTERN	3
Sparrow, Arnold H.	
CANADA, WESTERN	0.6
Smith, Ben W.	3
Sparrow, Arnold H.	
CENTRAL AMERICA	1.5
Hall, William P.	
EUROPE, WESTERN	1
Beck, Sidney L.	3
Rudkin, George T.	
Smith, Ben W.	1
Sparrow, Arnold H.	11
Turner, John R.G.	
HAWAII	2
Tamarin, Robert H.	
MIDDLE ATLANTIC	1
Cooper, William E., Jr.	5
Keller, Edward C. Jr.	2
Kelly, Mahlon G.	5
Massaro, Edward J.	5
Raizen, Eileen C.	21
Rudkin, George T.	2
Smith, Ben W.	5
Ulrich, Valentin	
NORTH CENTRAL	8
Beck, Sidney L.	2
Hall, William P.	1
Hankoong, Gene	4
Raizen, Eileen C.	3
Smith, Ben W.	5
Tamarin, Robert H.	
NORTHEAST	7
Beck, Sidney L.	5
Hall, William P.	7
Kelly, Mahlon G.	4
Maumdar, Shyamal K.	4
Massaro, Edward J.	2
Namkoong, Gene	3
Osborne, Thomas S.	16
Pimentel, David	2
Schaffer, Henry E.	30
Sparrow, Arnold H.	3
Tamarin, Robert H.	1
Turner, John R.G.	
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	1
Hall, William P.	3
Keller, Edward C. Jr.	3
Osborne, Thomas S.	5
Rudkin, George T.	
Smith, Ben W.	
POLYNESIA	3
Rudkin, George T.	
PUERTO RICO	3
Pimentel, David	
ROCKY MOUNTAIN	1
Raizen, Eileen C.	
Smith, Ben W.	
SOUTH AMERICA	1
Turner, John R.G.	
SOUTH CENTRAL	2
Beck, Sidney L.	5
Cooper, William E., Jr.	1
Osborne, Thomas S.	1
Pimentel, David	
SOUTHEAST	1
Cooper, William E., Jr.	3
Keller, Edward C. Jr.	1
Kelly, Mahlon G.	15
Lammers, William T.	5
Mohror, Robert A.	13
Namkoong, Gene	15
Osborne, Thomas S.	1
Pimentel, David	11.5
Schaffer, Henry E.	34
Smith, Ben W.	15
Ulrich, Valentin	
SOUTHWEST	1
Hall, William P.	5
Maumdar, Shyamal K.	7
Massaro, Edward J.	
Raizen, Eileen C.	2
Tamarin, Robert H.	

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
GEOLOGY	
ALASKA	
Behling, Robert E.	
ANTARCTICA	
Behling, Robert E.	
NORTHEAST	
Behling, Robert E.	
SOUTH CENTRAL	
Behling, Robert E.	11
GEOPHYSICS	
ASIA	
Posmentier, Eric S.	
CANADA, EASTERN	
Posmentier, Eric S.	
EUROPE, EASTERN	
Posmentier, Eric S.	
MIDDLE ATLANTIC	
Carr, Jerome B.	1
NORTH CENTRAL	
Carr, Jerome B.	1
NORTHEAST	
Carr, Jerome B.	10
Posmentier, Eric S.	9
SOUTH AMERICA	
Posmentier, Eric S.	
HEALTH PHYSICS RADIATION BIOLOGY	
MIDDLE ATLANTIC	
Malone, Winfred P.	
NORTHEAST	
Malone, Winfred P.	
HEMATOLOGY	
MIDDLE ATLANTIC	
Goldstein, Bernard D.	12
PACIFIC STATES	
Goldstein, Bernard D.	2
HERPETOLOGY	
MIDDLE ATLANTIC	
Cooper, John E.	9
Cooper, William E., Jr.	1
NORTH CENTRAL	
Feuer, Robert C.	3
NORTHEAST	
Bayless, Laurence E.	7
Feuer, Robert C.	9
Shoop, C.R.	11
PACIFIC STATES	
Cooper, John E.	0.5
ROCKY MOUNTAIN	
Feuer, Robert C.	2
SOUTH CENTRAL	
Cooper, John E.	4
Cooper, William E., Jr.	5
SOUTHEAST	
Bayless, Laurence E.	5
Cooper, John E.	1
Cooper, William E., Jr.	1
Feuer, Robert C.	2
Shoop, C.R.	5
SOUTHWEST	
Cooper, John E.	0.5
WEST INDIES	
Cooper, John E.	0.25
HISTORIC PRESERVATION	
CENTRAL AMERICA	
Shackelford, George G.	0.5
EUROPE, WESTERN	
Shackelford, George G.	0.5
NORTHEAST	
Shackelford, George G.	1
PACIFIC	
Shackelford, George G.	2
SOUTH CENTRAL	
Shackelford, George G.	1
SOUTHEAST	
Shackelford, George G.	24
HORTICULTURE	
AFRICA	
Camp, Wofford B., Jr.	0.5
ASIA	
Camp, Wofford B., Jr.	0.5
EUROPE, WESTERN	
Nelson, Paul V.	1
MIDDLE ATLANTIC	
Boehle, John, Jr.	12

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
HORTICULTURE	
MIDEAST	
Camp, Wofford B., Jr.	1
NORTH CENTRAL	
Boehle, John, Jr.	2
Sanders, Douglas C.	6
NORTHEAST	
Boehle, John, Jr.	8
Cutright, Noel J.	7
Nelson, Paul V.	5
Wood, Glen M.	22
PACIFIC STATES	
Camp, Wofford B., Jr.	25
Wood, Glen M.	1
SOUTHEAST	
Camp, Wofford B., Jr.	15
Lammers, William T.	15
Nelson, Paul V.	7
Sanders, Douglas C.	3
SOUTHWEST	
Camp, Wofford B., Jr.	25
HUMAN ECOLOGY	
AFRICA	
Conroy, John H.	4
ASIA	
Conroy, John H.	8
MIDDLE ATLANTIC	
Conroy, John H.	5
NORTHEAST	
Conroy, John H.	7
SOUTHWEST	
Conroy, John H.	3
HYDROGRAPHIC STUDIES	
NORTHEAST	
Starbuck, George W.	10
HYDROLOGY	
AUSTRALIA	
Wilson, Lee	1
CANADA, EASTERN	
Wilson, Lee	1
EUROPE, WESTERN	
Wilson, Lee	1
NORTHEAST	
Wilson, Lee	2
ROCKY MOUNTAIN	
Wilson, Lee	1
SOUTHWEST	
Wilson, Lee	1
ICHTHYOLOGY	
CENTRAL AMERICA	
Foster, Neal R.	1
NORTHEAST	
Foster, Neal R.	13
Hastings, Robert W.	1
SOUTH AMERICA	
Foster, Neal R.	1
SOUTHEAST	
Foster, Neal R.	1
Hastings, Robert W.	7
HAWAII	
Cahn, Phyllis H.	0.5
MIDDLE ATLANTIC	
Cahn, Phyllis H.	
NORTHEAST	
Cahn, Phyllis H.	24
IMMUNOLOGY	
ASIA	
Davis, George M.	5
HAWAII	
Cheng, Thomas C.	7
MIDDLE ATLANTIC	
Purrell, Robert	14
Cheng, Thomas C.	
Davis, George M.	3
Massaro, Edward J.	5
NORTH CENTRAL	
Davis, George M.	
NORTHEAST	
Cannon, Robert E.	4
Cheng, Thomas C.	8
Davis, George M.	18
Massaro, Edward J.	4
Menninger, Florian F. Jr.	12
Saltarelli, Cora G.	13

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
IMMUNOLOGY	
SOUTHEAST	
Cheng, Thomas C.	5
Reagan, Roland E.	8
SOUTHWEST	
Burtell, Robert	1
Massaro, Edward J.	7
KARST AND GROUNDWATER HYDROLOGY	
NORTHEAST	
Rauch, Henry W.	7
LIMNOLOGY	
AFRICA	
Damkaer, David M.	1
Hecky, Robert E.	1
Melack, John M.	1
ALASKA	
Damkaer, David M.	1
Hobbie, John E.	2
Little Jr., Frank J.	1
Natarajan, K.V.	8
Nyquist, David	3
ANTARCTIC	
Little Jr., Frank J.	1
ASIA	
Lanza, Guy R.	1.5
Natarajan, K.V.	8
Rho, Jinnque	5
Yentsch, Charles S.	1
AUSTRALIA	
Stuart, Alastair M.	6
CANADA, EASTERN	
Foerster, John W.	1
Walker, Charles R.	1
CANADA, NORTHERN	
Walker, Charles R.	1
CANADA, WESTERN	
Allan, J. David	2
Walker, Charles R.	1
CARIBBEAN	
Arnold, Dean E.	1
CENTRAL AMERICA	
Little Jr., Frank J.	1
Stuart, Alastair M.	1
CENTRAL AMERICA (O.5D)	
Allan, J. David	1
EUROPE, WESTERN	
Fuhs, G.W.	8
Hamilton, Daniel Heyward	1
Harleman, Donald R.	1
Hobbie, John E.	3
Walker, Charles R.	1
Yentsch, Charles S.	1
MICRONESIA	
Fuchs, Everett H.	2
MIDDLE ATLANTIC	
Alden, Jon C.	2
Allan, J. David	1
Arnold, Dean E.	1
Carr, Jerome B.	1
Damkaer, David M.	7
Engel, Ronald A.	6
Foerster, John W.	4
Fuchs, Everett H.	1
Goodyear, Richard H.	5
Greeson, Phillip E.	1
Gregg, Bentley C.	2
Griffith, Roger B.	5
Hamilton, Daniel Heyward	4
Hemmett, Roland B.	7
Hillman, Robert E.	8
Jackson, Daniel P.	2
Kellogg, Charles W.	4
Keup, Lowell, F.	1
Lanza, Guy R.	2
Little Jr., Frank J.	1
Loudner, Darrell E.	1
McCormick, Jon M.	5
Nelson, Charles W.	2
Neumaier, Gerhard J.	1
Nixon, Scott W.	4
Nyquist, David	2
Prosser, Norville S.	5
Sjolseth, Danny E.	3
Stoneburner, Daniel L.	2.5
Walker, Charles R.	6

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

LIMNOLOGY	
MIDDLE ATLANTIC	
Weiss, Charles M.	6
Wheatley, James R.	8
Zubkoff, Paul L.	10
NEW ZEALAND	
Stuart, Alastair M.	6
NORTH CENTRAL	
Alden, Jon C.	3
Allan, J. David	5
Arnold, Dean E.	3
Carr, Jerome B.	1
De Costa, John J.	8
Engel, Ronald A.	4
Fuchs, Everett H.	5
Goodyear, Richard H.	2
Haase, Bruce L.	8
Hobbie, John E.	2
Keup, Lowell, P.	2
Likens, Gene E.	5
Louder, Darrell E.	1
Nelson, Charles W.	2
Neumaier, Gerhard J.	1
Stoneburner, Daniel L.	3
Stuart, Alastair M.	4
Walker, Charles R.	6
Wheatley, James R.	2
NORTHEAST	
Alden, Jon C.	2
Arnold, Dean E.	7
Browne, Francis X.	3
Carr, Jerome B.	10
Castiglione, Louis J.	4
Christensen, Sigurd W.	6
Foerster, John W.	4
Fuchs, Everett H.	1
Gasper, Donald C.	15
Greenson, Phillip F.	6
Gregg, Bentley C.	2
Griffith, Roger B.	3
Haase, Bruce L.	4
Hamilton, Daniel Heyward	5
Harleman, Donald R.	28
Hecky, Robert E.	1.5
Hillman, Robert E.	7
Jackson, Daniel F.	22
Kaczynski, Victor W.	6
Kellogg, Charles W.	3
Keup, Lowell, P.	1
Lanza, Guy R.	
Likens, Gene E.	10
Little Jr., Frank J.	1
Louder, Darrell E.	1
Melack, John M.	
Natarajan, K.V.	2
Neumaier, Gerhard J.	6
Nixon, Scott W.	4
Porter, Karen J.	5
Rehwoaldt, Robert E.	19
Rho, Jinnque	8
Smith, Dwight G.	3
Soukup, Michael A.	5
Starn, Robert H.	2
Stuart, Alastair M.	5
Weiss, Charles M.	3
Yentsch, Charles S.	14
Zubkoff, Paul L.	4
PACIFIC STATES	
Damkaer, David M.	5
Hobbie, John E.	2
Kaczynski, Victor W.	3
Little Jr., Frank J.	4
McCormick, Jon M.	5
Natarajan, K.V.	2
Nelson, Charles W.	10
Nyquist, David	2
Sjolseth, Danny E.	4
Yentsch, Charles S.	4
Zubkoff, Paul L.	2
ROCKY MOUNTAIN	
Allan, J. David	0.5
De Costa, John J.	2
Nyquist, David	4
Prosser, Norville S.	2
Smith, Dwight G.	4

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
LIMNOLOGY	
SOUTH AMERICA	
Foerster, John W.	0.5
Little Jr., Frank J.	1
SOUTH CENTRAL	
Keup, Lowell, F.	1
Little Jr., Frank J.	3
McDaniel, Michael D.	3
Nelson, Charles W.	4
Walker, Charles R.	10
SOUTHEAST	
Browne, Francis X.	3
Castiglione, Louis J.	2
Greeson, Phillip E.	1
Gurtz, Martin E.	3
Hecky, Robert E.	4.5
Hobbie, John E.	6
Keup, Lowell, F.	2
Lammers, William T.	15
Lanza, Guy R.	2
Little Jr., Frank J.	1
Louder, Darrell E.	15
Melack, John M.	2
Nelson, Charles W.	2
Starn, Robert H.	2
Stuart, Alastair M.	4
Walker, Charles R.	1
Weiss, Charles M.	12
Yentsch, Charles S.	3
SOUTHWEST	
Foerster, John W.	2
McDaniel, Michael D.	3
Neumaier, Gerhard J.	2
Rehwooldt, Robert E.	1.5
Smith, Dwight G.	4
Stoneburner, Daniel L.	0.5
MAMMALOLOGY	
MIDDLE ATLANTIC	
Kirkland, Gordon L., Jr.	25
NORTH CENTRAL	
Kirkland, Gordon L., Jr.	4
NORTHEAST	
Smith, Dwight G.	3
ROCKY MOUNTAIN	
Smith, Dwight G.	4
SOUTHWEST	
Smith, Dwight G.	4
MANAGEMENT-RESEARCH OPERATIONS	
AFRICA	
Camp, Wofford B., Jr.	0.5
ASIA	
Camp, Wofford B., Jr.	0.5
MIDEAST	
Camp, Wofford B., Jr.	1
PACIFIC STATES	
Camp, Wofford B., Jr.	25
SOUTHEAST	
Camp, Wofford B., Jr.	15
SOUTHWEST	
Camp, Wofford B., Jr.	25
MARINE BIOLOGY	
AFRICA	
Damkaer, David M.	1
Davis, William Price	2
ALASKA	
Anthony, Vaughn C.	0.5
Aron, William I.	
Damkaer, David M.	
Eisler, Ronald	.25
Little Jr., Frank J.	1
Natarajan, K.V.	8
ANTARCTIC	
Little Jr., Frank J.	1
ASIA	
Flagg, Lewis N.	1
Moore, Johnes K.	1
Natarajan, K.V.	8
Wheeler, Ellsworth H.	1
Yentsch, Charles S.	1
Yentsch, Clarice M.	1
AUSTRALIA	
Boesch, Donald F.	1
BAHAMAS	
Cassin, Joseph M.	

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

MARINE BIOLOGY

BERMUDA	
Coull, Bruce C.	2
CANADA, EASTERN	
Anthony, Vaughn C.	1
Foerster, John W.	2
Sissenwine, Michael P.	
Teal, John M.	
Tiffney, Jr., Wesley N.	
CANADA, WESTERN	
Allan, J. David	2
CENTRAL AMERICA	
Birdsong, Ray S.	0.25
Frame, David W.	1
Little Jr., Frank J.	2
Porter, James W.	
CENTRAL AMERICA (0.50)	
Allan, J. David	
CENTRAL PACIFIC	
Croker, Robert A.	0.3
COSTA RICA	
Banta, William C.	
EUROPE, EASTERN	
Aron, William I.	
EUROPE, WESTERN	
Eisler, Ronald	.25
Katona, Steven K.	1
Yentsch, Charles S.	1
HAWAII	
Davis, William Price	2
Eisler, Ronald	.25
Young, David K.	4
ICELAND	
Tiffney, Jr., Wesley N.	
ISRAEL	
Eisler, Ronald	1
MIDDLE ATLANTIC	
Allan, J. David	1
Aron, William I.	7
Banta, William C.	3
Beal, Kenneth L.	7
Bender, Edward S.	1
Riffar, Thomas A.	1
Birdsong, Ray S.	5
Roesch, Donald F.	4
Carriker, Melbourne R.	9
Cassin, Joseph M.	2
Coull, Bruce C.	2
Cummings, Edmund G.	16
Damkaer, David M.	7
Dooley, James K.	3
Eisler, Ronald	5
Foerster, John W.	4
Frame, David W.	1
Franz, David R.	5
Goodyear, Richard H.	5
Grant, George C.	11
Hamby, Robert J.	1.5
Hayes, Helen L.	27
Hollingshead, Kenneth R.	5
Jeffries, Perry	5
Kellogg, Charles W.	4
Little Jr., Frank J.	1
Lopez, Glenn R.	2
Lynch, Maurice P.	15
Marshall, Harold G.	9
McCormick, Jon M.	5
McDermott, Vincent J.	4
Morgan, Raymond P.	7
Neumaier, Gerhard J.	1
Nixon, Scott W.	4
Peterson, Charles H.	1
Prager, Jan C.	15
Rose, Cort D.	2
Ruber, Ernest	7
Sissenwine, Michael P.	
Sjolseth, Danny E.	3
Smith, Kenneth L., Jr.	2
Spagnoli, John J.	12
Swan, Emery, F.	3
Tietjen, John H.	
Tiffney, Jr., Wesley N.	
Wade, Richard A.	1
Wass, Marvin L.	11
Wheatley, James R.	8

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

MARINE BIOLOGY	YEARS IN REGION
MIDDLE ATLANTIC	
Wood, Langley H.	9
Young, David K.	2
NORTH CENTRAL	
Allan, J. David	9
Anthony, Vaughn C.	1
Carriker, Melbourne R.	4
Goodyear, Richard H.	2
Hamby, Robert J.	8
Lynts, George W.	5
Marshall, Harold G.	12
Neumaier, Gerhard J.	1
Ring, Paul D.	2
Wade, Richard A.	1
Wheatley, James R.	2
Yentsch, Clarice M.	6
NORTHEAST	
Anthony, Vaughn C.	9
Bender, Edward S.	0.5
Brown, Charles L.	12
Carpenter, Edward J.	3
Carriker, Melbourne R.	10
Cassin, Joseph M.	15
Castiglione, Louis J.	4
Coull, Bruce C.	2
Croker, Robert A.	8
Cummings, Edmund G.	1
Cunningham, Denis	2
Dean, David	22
Eisler, Ronald	6
Flagg, Lewis N.	4
Foerster, John W.	4
Frame, David W.	8
Franz, David R.	7
Freudenthal, Hugo D.	18
Gold, Kenneth	10
Gordon, Bernard L.	17
Grant, George C.	5
Hamby, Robert J.	0.5
Hastings, Robert W.	1
Hayes, Helen L.	1
Jeffries, Perry	15
Jordan, Arthur J.	5
Kaczynski, Victor W.	6
Katona, Steven K.	5
Kellogg, Charles W.	3
Liquori, Vincent R.	21
Little Jr., Frank J.	1
Lynts, George W.	1
Moore, Johnes K.	19
Natarajan, K.V.	2
Neumaier, Gerhard J.	6
Nixon, Scott W.	4
Oviatt, Candace A.	5
Peterson, Charles H.	2
Porter, James W.	3
Prager, Jan C.	
Richards, Clarence E.	2
Ring, Paul D.	4
Roman, Micheal R.	2
Rowe, Gilbert T.	4
Ruber, Ernest	5
Sissenwine, Michael P.	3
Smith, Kenneth L., Jr.	2
Spagnoli, John J.	12
Spencer, Larry T.	4
Stainken, Dennis M.	5
Swan, Emery, P.	22
Teal, John H.	15
Tietjen, John H.	4
Tiffney, Jr., Wesley N.	7
Wade, Richard A.	2
Wheeler, Ellsworth H.	8
Winn, Howard E.	17
Wood, Langley H.	11
Yentsch, Charles S.	14
Yentsch, Clarice M.	2
Young, David K.	4
OCEANS	
Wood, Langley H.	
PACIFIC STATES	
Anthony, Vaughn C.	2.5
Aron, William I.	15
Banta, William C.	28

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

MARINE BIOLOGY

PACIFIC STATES

Cunningham, Denis	
Dankner, David M.	5
Eisler, Ronald	6
Hamby, Robert J.	3
Kaczynski, Victor W.	3
Katona, Steven K.	2
Liguori, Vincent R.	1
Little Jr., Frank J.	4
McCormick, Jon M.	5
Natarajan, K.V.	2
Peterson, Charles H.	4
Sjolseth, Danny E.	4
Spencer, Larry T.	2
Swan, Emery, P.	9
Wheeler, Ellsworth H.	3
Yentsch, Charles S.	4

ROCKY MOUNTAIN

Allan, J. David	0.5
Eisler, Ronald	2
Spencer, Larry T.	3
Tiffney, Jr., Wesley N.	
Wheeler, Ellsworth H.	1
Yentsch, Clarice M.	1

SOUTH AMERICA

Poerster, John W.	0.5
Frame, David W.	0.25
Little Jr., Frank J.	1
Porter, James W.	1
Wade, Richard A.	0.16

SOUTH CENTRAL

Boesch, Donald F.	1
Cassin, Joseph M.	3
Little Jr., Frank J.	3
Rowe, Gilbert T.	2

SOUTH PACIFIC

Kirby-Smith, William W.	0.25
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SOUTHEAST

Bender, Edward S.	2
Biffar, Thomas A.	7
Birdsong, Ray S.	5
Carpenter, Edward J.	5
Carriker, Melbourne R.	6
Castiglione, Louis J.	2
Coull, Bruce C.	2
Croker, Robert A.	6
Cummings, Edmund G.	6
Davis, William Price	10
Dooley, James K.	4
Eisler, Ronald	1
Frame, David W.	1
Hastings, Robert W.	7
Johnson, Harrel B.	3
Kirby-Smith, William W.	8
Lammers, William T.	15
Little Jr., Frank J.	1
Lynts, George W.	7
Reagan, Roland E.	8
Richards, Clarence E.	18
Rose, Cort D.	10
Rowe, Gilbert T.	3
Smith, Kenneth L., Jr.	3
Teal, John M.	4
Wade, Richard A.	12
Wass, Marvin L.	9
Wood, Langley H.	2
Yentsch, Charles S.	3
Yentsch, Clarice M.	5
Young, David K.	2

SOUTHWEST

Bender, Edward S.	0.25
Poerster, John W.	2
Neumaier, Gerhard J.	2
Prager, Jan C.	21

WEST INDIES

Liguori, Vincent R.	
Winn, Howard E.	

MED. CHEM.

EUROPE, EASTERN

Menyhert, William R.	21
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MIDDLE ATLANTIC

Menyhert, William R.	15
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NORTHEAST

Menyhert, William R.	2
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TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
MEDICAL MYCOLOGY	
NORTH CENTRAL	
Pore, Robert S.	5
PACIFIC STATES	
Pore, Robert S.	3
SOUTH CENTRAL	
Pore, Robert S.	3
SOUTHWEST	
Pore, Robert S.	2
MEDICAL ZOOLOGY	
AFRICA	
Price, Donald L.	3
ASIA	
Price, Donald L.	visits
EUROPE, WESTERN	
Price, Donald L.	visits
HAWAII	
Price, Donald L.	visits
MIDDLE ATLANTIC	
Price, Donald L.	10
MICROBIAL CONTAMINATION CONTROL/STERILIZATION	
MIDDLE ATLANTIC	
Koesterer, Martin G.	
NORTHEAST	
Koesterer, Martin G.	7
MICROBIOLOGY	
AFRICA	
Moe, Paul G.	4
ALASKA	
Jeffers, Edmund E.	1
ASIA	
Aaronson, Sheldon	1
Cardenas, Raul P., Jr.	1
Kelly, Mahlon G.	1
Majumdar, Shyamal K.	4
Rho, Jinnque	5
Yentsch, Charles S.	1
Yentsch, Charles S.	1
BAHAMAS	
Cassin, Joseph M.	
CANADA, EASTERN	
Foerster, John W.	1
CENTRAL AMERICA	
Bradley, Sterling G.	1
Bradley, Sterling G.	1
EUROPE, WESTERN	
Fuhs, G.W.	8
Heywood, Peter	4
Litchfield, Carol D.	1
Pramer, David	2
Staley, Thomas E.	1
Yentsch, Charles S.	1
Yentsch, Charles S.	1
MIDDLE ATLANTIC	
Aaronson, Sheldon	24
Cassin, Joseph M.	2
Foerster, John W.	4
Frances, Saul	17
Iannotti, Eugene L.	6
James, Richard L.	16
Jeffers, Edmund E.	3
Kelly, Mahlon G.	2
Koesterer, Martin G.	
Litchfield, Carol D.	3
Massaro, Edward J.	5
Miller, Brinton M.	17
Pfaender, Frederic K.	2
Pramer, David	22
Raizen, Eileen C.	5
Slocum, John P.	0.5
Staley, Thomas E.	2
Stern, Arthur M.	19
Trautenberg, Gerald A.	14
Walton, Robert B.	24
Willet, Norman P.	20
NORTH CENTRAL	
Bradley, Sterling G.	17
Bradley, Sterling G.	17
Davey, Charles B.	5
Ehrlich, Henry L.	3
Frances, Saul	5
Hall, William E.	16
Iannotti, Eugene L.	2
Jeffers, Edmund E.	16
Litsky, Warren	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

MICROBIOLOGY	
NORTH CENTRAL	
Miller, Brinton M.	4
Moe, Paul G.	10
Pore, Robert S.	5
Raizen, Eileen C.	4
Ring, Paul D.	2
Slocomb, John P.	4
Suzuki, Jon B.	3
Willet, Norman P.	3
NORTHEAST	
Aaronson, Sheldon	2
Buck, John D.	10
Cardenas, Raul P., Jr.	12
Cassin, Joseph M.	15
Davey, Charles B.	1
Gudzinski, Diane M.	26
Ehrlich, Henry L.	21
Foerster, John W.	4
Gold, Kenneth	10
Hall, William E.	24
Haywood, Peter	4
Keenan, John D.	5
Kelly, Mahlon G.	7
Koesterer, Martin G.	7
Liguori, Vincent R.	21
Litchfield, Carol D.	2
Litsky, Warren	4
Lukens, Raymond J.	19
Majumdar, Shyamal K.	4
Massaro, Edward J.	4
Moe, Paul G.	3
Pfaender, Frederic K.	3
Rho, Jinnque	8
Ring, Paul D.	4
Saltarelli, Cora G.	13
Staley, Thomas E.	2
Suzuki, Jon B.	2
Walton, Robert B.	24
Willet, Norman P.	2
Yentsch, Charles S.	14
Yentsch, Charles S.	14
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Aaronson, Sheldon	1
Davey, Charles B.	1
Jeffers, Edmund E.	1.5
Liguori, Vincent R.	1
Moe, Paul G.	3
Pfaender, Frederic K.	2
Pore, Robert S.	3
Staley, Thomas E.	3
Yentsch, Charles S.	4
Yentsch, Charles S.	4
ROCKY MOUNTAIN	
Davey, Charles B.	1
Jeffers, Edmund E.	11
Raizen, Eileen C.	1
SOUTH AMERICA	
Foerster, John W.	0.5
SOUTH CENTRAL	
Cassin, Joseph M.	3
Jeffers, Edmund E.	1
Pote, Robert S.	3
Stern, Arthur M.	2
SOUTHEAST	
Bradley, Sterling G.	4
Buck, John D.	5
Davey, Charles B.	16
Jeffers, Edmund E.	2
Kelly, Mahlon G.	1
Lammers, William T.	15
Perkins, Frank O.	13
Phillips, Walter E., Jr.	3
Reagan, Roland E.	8
Yentsch, Charles S.	3
Yentsch, Charles S.	3
SOUTHWEST	
Cardenas, Raul P., Jr.	7
Ehrlich, Henry L.	0
Foerster, John W.	2
Jeffers, Edmund E.	2.5
Litchfield, Carol D.	9
Majumdar, Shyamal K.	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
MICROBIOLOGY	
SOUTHWEST	
Massaro, Edward J.	7
Pore, Robert S.	2
Raizen, Eileen C.	2
WEST INDIES	
Liguori, Vincent R.	
MICROCLIMATOLOGY	
EUROPE, WESTERN	
Lee, Richard	1
NORTHEAST	
Lee, Richard	8
ROCKY MOUNTAIN	
Lee, Richard	3
SOUTHWEST	
Lee, Richard	1
MICROMETEOROLOGY	
MIDDLE ATLANTIC	
Wesely, Marvin L.	2+
NORTH CENTRAL	
Federer, C. Anthony	5
Wesely, Marvin L.	5
NORTHEAST	
Federer, C. Anthony	8
MICROSCOPIC STRUCTURE OF WOOD	
ASIA	
Stern, William L.	1
CENTRAL AMERICA	
Stern, William L.	0.5
HAWAII	
Stern, William L.	0.5
NORTHEAST	
Stern, William L.	20
WEST INDIES	
Stern, William L.	
MINE DRAINAGE POLLUTION ABT.	
AFRICA	
Wagner, Richard H.	1
ASIA	
Wagner, Richard H.	1
EUROPE, WESTERN	
Wagner, Richard H.	5
MIDDLE ATLANTIC	
Wagner, Richard H.	6
ROCKY MOUNTAIN	
Wagner, Richard H.	6
SOUTHWEST	
Wagner, Richard H.	1
MOLECULAR BIOLOGY	
MIDDLE ATLANTIC	
Adler, Alan D.	14
NORTHEAST	
Adler, Alan D.	5
MOSQUITO CONTROL	
NORTHEAST	
Ferrigno, Fred	20
MYCOLOGY	
ASIA	
Batra, Suzanne W.T.	2
MIDDLE ATLANTIC	
Baniecki, John P.	3
Batra, Suzanne W.T.	5
Maas, John L.	4
Paterscn, Robert A.	16
Shearer, Carol A.	10
NORTH CENTRAL	
Batra, Suzanne W.T.	7
Paterscn, Robert A.	4
NORTHEAST	
Baniecki, John P.	4
Batra, Suzanne W.T.	1
PACIFIC STATES	
Maas, John L.	6
Paterscn, Robert A.	3
ROCKY MOUNTAIN	
Batra, Suzanne W.T.	0.5
SOUTHEAST	
Clausz, John C.	11
SOUTHWEST	
Baniecki, John P.	3
NUTRITION	
NORTHEAST	
Dudzinski, Diane M.	26
ASIA	
Aaronson, Sheldon	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

NUTRITION		YEARS IN REGION
ASIA		
	Yentsch, Charles S.	1
CANADA, WESTERN		
	Schoonveld, Gene G.	4
EUROPE, WESTERN		
	Nelson, Paul V.	1
	Yentsch, Charles S.	1
HAWAII		
	Schoonveld, Gene G.	4
MIDDLE ATLANTIC		
	Aaronson, Sheldon	24
	Boehle, John, Jr.	12
NORTH CENTRAL		
	Boehle, John, Jr.	2
NORTHEAST		
	Aaronson, Sheldon	2
	Boehle, John, Jr.	8
	Nelson, Paul V.	5
	Yentsch, Charles S.	14
PACIFIC STATES		
	Aaronson, Sheldon	1
	Yentsch, Charles S.	4
ROCKY MOUNTAIN		
	Schoonveld, Gene G.	5
SOUTHEAST		
	Nelson, Paul V.	7
	Reagan, Roland E.	8
	Yentsch, Charles S.	3
OCEANOGRAPHY		
AFRICA		
	Damkaer, David M.	1
ALASKA		
	Aron, William I.	
	Damkaer, David M.	
	Eisler, Ronald	.25
	Little Jr., Frank J.	1
	Natarajan, K.V.	8
ANTARCTIC		
	Little Jr., Frank J.	1
ASIA		
	Adams, Donald D.	1
	Kuenzler, Edward J.	2
	Mangelsdorf, Paul C., Jr.	0.10
	Moore, Johnes K.	1
	Natarajan, K.V.	8
	Posmentier, Eric S.	
	Wheeler, Ellsworth H.	1
	Yentsch, Charles S.	1
	Yentsch, Clarice M.	1
ATLANTIC OCEAN		
	Farrington, John W.	
BERMUDA		
	Coull, Bruce C.	2
CANADA, EASTERN		
	Adams, Donald D.	4
	Pilson, Michael E.®.	4
	Posmentier, Eric S.	
	Sissenwine, Michael P.	
CANADA, WESTERN		
	Allan, J. David	2
	Baier, Rodger W.	0.2
CENTRAL AMERICA		
	Baier, Rodger W.	0.25
	Little Jr., Frank J.	1
	Saila, Saul B.	0.5
CENTRAL AMERICA (0.50		
	Allan, J. David	
EUROPE, EASTERN		
	Aron, William I.	
	Clarke, George L.	2
	Posmentier, Eric S.	
EUROPE, WESTERN		
	Adams, Donald D.	
	Eisler, Ronald	.25
	Hamilton, Daniel Heyward	1
	Litchfield, Carol D.	1
	Saila, Saul B.	1.5
	Yentsch, Charles S.	1
HAWAII		
	Eisler, Ronald	.25
	Marmelstein, Allan D.	0.5
HIGH ARCTIC		
	Hughes, Kent H.	1

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

OCEANOGRAPHY	YEARS IN REGION
ISRAEL	
Eisler, Ronald	1
MIDDLE ATLANTIC	
Adams, Donald D.	2
Allan, J. David	1
Aron, William I.	7
Baier, Poeger W.	1
Beal, Kenneth L.	7
Beckers, Jr., Charles V.	
Bowen, Vaughan T.	13
Carr, Jerome B.	1
Clarke, George L.	2
Coull, Bruce C.	2
Dankner, David M.	7
Eisler, Donald	5
Farrington, John W.	
Goodyear, Richard H.	5
Gucinski, Hermann	7
Hamilton, Daniel Heyward	4
Hughes, Kent H.	1
Kellogg, Charles W.	4
Lepple, Frederick K.	1
Litchfield, Carol D.	3
Little Jr., Frank J.	1
Lyman, John	31
Mangelsdorf, Paul C., Jr.	5
Marmelstein, Allan D.	3
Nixon, Scott W.	4
Parks, John M.	8
Roche, Michael B.	2
Saila, Saul B.	2
Sissenwine, Michael P.	
Storrs, Stephen E.	4
Tietjen, John H.	
Wallace, Jr., Gordon T.	4
Zubkoff, Paul L.	10
N. ATLANTIC	
Roche, Michael B.	
NORTH CENTRAL	
Allan, J. David	5
Beckers, Jr., Charles V.	
Carr, Jerome B.	1
Goodyear, Richard H.	2
Lynts, George W.	5
Mangelsdorf, Paul C., Jr.	5
Parks, John M.	1
Ring, Paul D.	2
Saila, Saul B.	4
Ventsch, Clarice M.	6
NORTHEAST	
Beckers, Jr., Charles V.	6
Bowen, Vaughan T.	23
Brown, Charles L.	12
Carpenter, Edward J.	3
Carr, Jerome B.	10
Castiglione, Louis J.	4
Clarke, George L.	35
Cook, David O.	3
Coull, Bruce C.	2
Eisler, Ronald	6
Farrington, John W.	5
Gucinski, Hermann	1
Hamilton, Daniel Heyward	5
Marmelstein, Allan D.	6
Kellogg, Charles W.	3
Kuenzler, Edward J.	6
Litchfield, Carol D.	2
Little Jr., Frank J.	1
Lynts, George W.	1
Mangelsdorf, Paul C., Jr.	10
Moore, Johnes K.	15
Natarajan, H.V.	2
Nixon, Scott W.	4
Pilson, Michael E. G.	6
Poljac, Tiber T.	7
Poseantier, Eric S.	9
Ring, Paul D.	4
Roche, Michael B.	5
Saila, Saul B.	12
Sissenwine, Michael P.	2
Tietjen, John H.	6
Wallace, Jr., Gordon T.	3
Wheeler, Ellsworth H.	8
Ventsch, Charles S.	16

ASBL	COMPETENCE (BY GEOGRAPHIC FAMILIARITY)	YEARS IN REGION
	NORTHEAST	
	Yentsch, Clarice M.	2
	Zubkoff, Paul L.	4
	PACIFIC STATES	
	Adams, Donald D.	3
	Arch, William I.	15
	Baier, Rodger W.	15
	Clarke, George L.	1
	Cook, David O.	5
	Damkaer, David M.	5
	Eisler, Ronald	6
	Hughes, Kent H.	6
	Little Jr., Frank J.	4
	Lyman, John	5
	Marmelstein, Allan D.	4
	Martens, Christopher S.	
	Natarajan, K.V.	2
	Pilson, Michael E.	8
	Wheeler, Ellsworth H.	3
	Yentsch, Charles S.	4
	Zubkoff, Paul L.	2
	PUERTO RICO	
	Martens, Christopher S.	
	ROCKY MOUNTAIN	
	Allan, J. David	0.5
	Eisler, Ronald	2
	Wheeler, Ellsworth H.	1
	Yentsch, Clarice M.	1
	SOUTH AMERICA	
	Baier, Rodger W.	0.1
	Little Jr., Frank J.	1
	Posmentier, Eric S.	
	SOUTH CENTRAL	
	Little Jr., Frank J.	3
	Parks, John M.	3
	SOUTHEAST	
	Carpenter, Edward J.	5
	Castiglione, Louis J.	2
	Coull, Bruce C.	2
	Eisler, Ronald	1
	Kuenzler, Edward J.	12
	Lepple, Frederick K.	3
	Little Jr., Frank J.	1
	Lynts, George W.	7
	Martens, Christopher S.	4
	Parks, John M.	2
	Yentsch, Charles S.	3
	Yentsch, Clarice M.	5
	SOUTHWEST	
	Kuenzler, Edward J.	1
	Litchfield, Carol D.	9
	Marmelstein, Allan D.	2
	NORTHEAST	
	Gordon, Bernard L.	17
	ORGANIC CHEM.	
	EUROPE, WESTERN	
	Larson, Richard A.	2
	MIDDLE ATLANTIC	
	Larson, Richard A.	1
	NORTH CENTRAL	
	Larson, Richard A.	1
	SOUTHWEST	
	Larson, Richard A.	2
	MIDDLE ATLANTIC	
	Cramer, Richard D.	3
	NORTHEAST	
	Cramer, Richard D.	6
	PANIC GEOCHEMISTRY	
	ATLANTIC OCEAN	
	Farrington, John W.	
	MIDDLE ATLANTIC	
	Farrington, John W.	
	NORTHEAST	
	Farrington, John W.	5
	PETROLOGY	
	MIDDLE ATLANTIC	
	Kivelin, Jon R.	5
	AFRICA	
	Edley, Donald D.	
	Kivelin, Jon B.	
	Mabbutt, John P.	1e than 1
	Spelling, John C.	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

ORNITHOLOGY	YEARS IN REGION
ALASKA	
Bushman, John B.	6
Drury, William H.	1
Jeffers, Edmund E.	1
Stephenson, Don W.	1
Stettenheim, Peter R.	0.33
ASIA	
Evenden, Fred G.	2
Kelly, Mahlon G.	1
Moore, Johnes K.	1
CANADA, EASTERN	
Foley, Donald D.	1
CANADA, NORTHERN	
Drury, William H.	1
CANADA, WESTERN	
Clark, Richard J.	0.5
CARIBBEAN	
Coppinger, Raymond P.	1
CENTRAL AMERICA	
Bongiorno, Salvatore F.	1
Hubbard, John P.	
LaBastille, Anne	4
Leck, Charles F.	3
EUROPE, WESTERN	
Bongiorno, Salvatore F.	2
Foley, Donald D.	1
Peakall, David B.	5
Stettenheim, Peter R.	0.33
HAWAII	
Bushman, John B.	7
MIDDLE ATLANTIC	
Bongiorno, Salvatore F.	6
Evenden, Fred G.	9
Grandy, John W., IV	2
Hartman, Fred E.	15
Heppner, Frank H.	
Hillman, Robert E.	8
Hooper, Robert G.	6
Hubbard, John P.	4
Jeffers, Edmund E.	3
Kelly, Mahlon G.	2
Kirkland, Gordon L., Jr.	25
Kricher, John C.	4
Smith, Robert L.	21
Stephenson, Don W.	3
Sturges, Franklin W.	5
Wagner, Richard H.	3
Woodard, Donald W.	1
NORTH CENTRAL	
Flem, Charles R.	4
Burton, Gerald L.	1
Ghiselin, Jon B.	8
Hubbard, John P.	6
Jeffers, Edmund E.	16
Kirkland, Gordon L., Jr.	4
Snelling, John C.	2
Stettenheim, Peter R.	19
Tate, James	4
Waters, Joseph H.	1
NORTHEAST	
Adams, William H.	6
Bongiorno, Salvatore F.	3
Bruning, Donald P.	5
Brush, Alan H.	8
Clark, Richard J.	12
Coppinger, Raymond P.	8
Drury, William H.	30
Farrar, Richard B.	11
Foley, Donald D.	30
Freeland, David B.	12
Grandy, John W., IV	5
Grzybowski, Joseph A.	3
Haeni, Frank R.	2
Hartman, Fred E.	5
Heppner, Frank H.	4
Hillman, Robert E.	7
Kelly, Mahlon G.	7
Kricher, John C.	3
LaBastille, Anne	12
Leck, Charles F.	8
Moore, Jerry A.	10
Moore, Johnes K.	19
Peakall, David B.	14
Root, Richard B.	7

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ORNITHOLOGY	
NORTHEAST	
Samuel, David E.	9
Shaw, David G.	5
Smith, Dwight G.	3
Smith, Robert L.	4
Snelling, John C.	4
Stettenheim, Peter F.	5
Sturges, Franklin W.	1
Tate, James	4
Wagner, Richard H.	7
Waters, Joseph H.	15
OCEANS	
Kelly, Mahlon G.	
PACIFIC ISLANDS	
Bushman, John B.	
PACIFIC STATES	
Bruning, Donald F.	1
Brush, Alan H.	10
Evenden, Fred G.	18
Heppner, Frank H.	7
Jeffers, Edmund E.	1.5
Olendorff, Richard R.	1
Root, Richard B.	6
Stettenheim, Peter R.	0.5
Sturges, Franklin W.	14
Tate, James	3
ROCKY MOUNTAIN	
Bruning, Donald F.	3
Bushman, John B.	20
Evenden, Fred G.	3
Ghiselin, Jon B.	3
Jeffers, Edmund E.	11
LaBastille, Anne	2
Olendorff, Richard R.	5
Samuel, David E.	1
Smith, Dwight G.	4
SOUTH AMERICA	
Bruning, Donald F.	0.5
Root, Richard B.	1
SOUTH CENTRAL	
Adams, William H.	15
Burton, Gerald L.	2
Ghiselin, Jon B.	1
Jeffers, Edmund E.	1
SOUTHEAST	
Blem, Charles P.	4
Bongiorno, Salvatore F.	3
Farrar, Richard B.	1
Ghiselin, Jon B.	1
Jeffers, Edmund E.	2
Kelly, Mahlon G.	1
Parnell, James F.	13
Wagner, Richard H.	7
Waters, Joseph H.	2
Woodard, Donald W.	1
SOUTHWEST	
Bruning, Donald F.	0.5
Burton, Gerald L.	3
Hubbard, John P.	1
Jeffers, Edmund E.	2.5
Smith, Dwight G.	4
Stephenson, Don W.	1
Tate, James	1
Woodard, Donald W.	13
PALEOECOLOGY	
BAHAMAS	
Buchanan, Hugh	0.2
NORTHEAST	
Buchanan, Hugh	9
SOUTH CENTRAL	
Buchanan, Hugh	2
SOUTHWEST	
Buchanan, Hugh	0.1
PALEONTOLOGY	
BAHAMAS	
Buchanan, Hugh	0.2
CENTRAL AMERICA	
Hecht, Max K.	1
EUROPE, WESTERN	
Hecht, Max K.	3
MIDDLE ATLANTIC	
Hecht, Max K.	15
NORTH CENTRAL	
Alker, Julius	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PALEONTOLOGY	
NORTH CENTRAL	
Lynts, George W.	5
Tate, James	4
Waters, Joseph H.	1
NORTHEAST	
Alker, Julius	1
Buchanan, Hugh	9
Lynts, George W.	1
Tate, James	4
Waters, Joseph H.	15
PACIFIC STATES	
Tate, James	3
ROCKY MOUNTAIN	
Becht, Max K.	1
SOUTH CENTRAL	
Buchanan, Hugh	2
SOUTHEAST	
Alker, Julius	7
Lynts, George W.	7
Waters, Joseph H.	2
SOUTHWEST	
Buchanan, Hugh	0.1
Tate, James	1
PARASITOLOGY	
AFRICA	
Price, Donald L.	3
ALASKA	
Roddicker, Major L.	0.75
Tiner, Jack D.	0.25
ASIA	
Davis, George M.	5
Kelly, Mahlon G.	1
Lanza, Guy R.	1.5
Price, Donald L.	visits
Sengbusch, Howard G.	2
CANADA, EASTERN	
Spielman, Andrew	1
CENTRAL AMERICA	
Sengbusch, Howard G.	1
Spielman, Andrew	5
EUROPE, WESTERN	
Dysart, Richard J.	8
Price, Donald L.	visits
Sengbusch, Howard G.	2
Spielman, Andrew	1
HAWAII	
Cheng, Thomas C.	7
Price, Donald L.	visits
Sengbusch, Howard G.	0.12
MIDDLE ATLANTIC	
Cheng, Thomas C.	
Davis, George M.	3
Hendrix, Sherman S.	8
Kelly, Mahlon G.	2
Lanza, Guy R.	2
Miller, Brinton M.	17
Price, Donald L.	10
Sengbusch, Howard G.	25
Spaulding, Willard M., Jr.	4
Tiner, Jack D.	5
NORTH CENTRAL	
Roddicker, Major L.	7
Davis, George M.	
Dysart, Richard J.	10
Miller, Brinton M.	4
Spaulding, Willard M., Jr.	9
Spielman, Andrew	15
Tiner, Jack D.	8
NORTHEAST	
Cheng, Thomas C.	8
Davis, George M.	18
Griffo, James V.	12
Kelly, Mahlon G.	7
Lanza, Guy R.	
Spaulding, Willard M., Jr.	3
Tiner, Jack D.	15
West, Arthur J.	20
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Tiner, Jack D.	0.25
ROCKY MOUNTAIN	
Roddicker, Major L.	1
Tiner, Jack D.	0.25

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PARASITOLOGY	
SOUTHEAST	
Cheng, Thomas C.	5
Griffo, James V.	17
Hendrix, Sherman S.	3
Kelly, Mahlon G.	1
Lanza, Guy R.	2
Sengbusch, Howard G.	2
Spaulding, Willard H., Jr.	3
SOUTHWEST	
Griffo, James V.	2
PATHOLOGY	
EUROPE, WESTERN	
Woke, Richard E.	2
MIDDLE ATLANTIC	
Robinson, Farrel R.	5
NORTH CENTRAL	
Robinson, Farrel R.	11
NORTHEAST	
Woke, Richard E.	14
PACIFIC STATES	
Robinson, Farrel R.	3
Woke, Richard E.	1
SOUTHEAST	
Robinson, Farrel R.	1
SOUTHWEST	
Robinson, Farrel R.	2
PEST CONTROL	
AFRICA	
Khattat, Fadhill H.	6
ASIA	
Axtell, Richard C.	1
Batra, Suzanne W.T.	2
Dill, Norman H.	0.33
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Knoll, H.A.	2
Page, Robert Z.	1
Russell, Harold G., Jr.	2
CANADA, EASTERN	
Forbes, James E.	1
Spielman, Andrew	1
Walker, Charles R.	
CANADA, NORTHERN	
Walker, Charles R.	
CANADA, WESTERN	
LeBaron, Homer M.	
Walker, Charles R.	
CENTRAL AMERICA	
Egler, Frank E.	2
Poyner, Martin M.	
Spielman, Andrew	5
EUROPE, WESTERN	
Dysart, Richard J.	8
Knoll, H.A.	5
Spielman, Andrew	1
Walker, Charles R.	
HAWAII	
Egler, Frank E.	1
MID EAST	
Khattat, Fadhill H.	
MIDDLE ATLANTIC	
Axtell, Richard C.	2
Batra, Suzanne W.T.	5
Boehle, John, Jr.	12
Cramer, Richard D.	3
Dill, Norman H.	12
Ford, Robert P.	5
Giles, Robert H., Jr.	10
Kelly, Mahlon G.	2
Khattat, Fadhill H.	7
LeBaron, Homer M.	4
Page, Robert Z.	20
Poyner, Martin M.	6
Russell, Harold G., Jr.	19
Savage, Joseph E.	1
Smith, William H.	4
Walker, Charles R.	6
Willcox, Henry H., III	6
NORTH CENTRAL	
Batra, Suzanne W.T.	7
Boehle, John, Jr.	2
Connell, Walter A.	2
Dysart, Richard J.	10
Egler, Frank E.	2

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PEST CONTROL	
NORTH CENTRAL	
Forbes, James E.	3
Giles, Robert H., Jr.	3
Paulson Jr., Donald L.	6
Spielman, Andrew	15
Walker, Charles R.	6
NORTHEAST	
Axtell, Richard C.	5
Batra, Suzanne W.T.	1
Boehle, John, Jr.	8
Connell, Walter A.	32
Cramer, Richard D.	6
Egler, Frank E.	35
Forbes, James E.	6
Ford, Robert P.	10
Kelley, Roger W., Jr.	17
Kelly, Mahlon G.	7
Khattat, Fadhil H.	4
Knoll, N.A.	11
LeBaron, Homer M.	12
Lukens, Raymond J.	19
Paulson Jr., Donald L.	2
Pimentel, David	16
Poyner, Martin M.	1
Savage, Joseph E.	
Simeone, John B.	30
Smith, William E.	7
Willcox, Henry H., III	
OCEANS	
Kelly, Mahlon G.	
PACIFIC ISLANDS	
Connell, Walter A.	2
PACIFIC STATES	
Kelley, Roger W., Jr.	0.5
LeBaron, Homer M.	
Page, Robert Z.	1
Poyner, Martin M.	8
PUERTO RICO	
Pimentel, David	3
ROCKY MOUNTAIN	
Batra, Suzanne W.T.	0.5
Giles, Robert H., Jr.	4
LeBaron, Homer M.	2
Poyner, Martin M.	15
Russell, Harold G., Jr.	4
SOUTH CENTRAL	
Connell, Walter A.	1
Pimentel, David	1
Savage, Joseph E.	4
Walker, Charles R.	10
SOUTHEAST	
Axtell, Richard C.	10
Ford, Robert P.	1
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Page, Robert Z.	3
Pimentel, David	1
Walker, Charles R.	1
SOUTHWEST	
Poyner, Martin M.	15
Russell, Harold G., Jr.	2
THAILAND	
Savage, Joseph E.	1
PHARMACOLOGY & TOXICOLOGY	
MIDDLE ATLANTIC	
Camougis, George	1
NORTHEAST	
Camougis, George	19
PHYCOLOGY	
ASIA	
Rice, Clifford P.	1
EUROPE, WESTERN	
Rice, Clifford P.	1
MIDDLE ATLANTIC	
Schumacher, George J.	20
NORTH CENTRAL	
Baker, Alan L.	7
O'Briant, Samuel E.	1
NORTHEAST	
Baker, Alan L.	1
Rice, Clifford P.	7
PACIFIC STATES	
O'Briant, Samuel E.	2
Rice, Clifford P.	1

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PHYCOLOGY	
SOUTHWEST	
O'Briant, Samuel E.	2
Schumacher, George J.	5
PHYSIOLOGICAL ECOLOGY	
NORTH CENTRAL	
Spotila, James R.	1
NORTHEAST	
Cunningham, Denis	2
Spotila, James R.	0.5
PACIFIC STATES	
Cunningham, Denis	
SOUTH CENTRAL	
Spotila, James R.	5
SOUTHEAST	
Spotila, James P.	
PHYSIOLOGICAL PSYCHOLOGY	
MIDDLE ATLANTIC	
Cooper, William E., Jr.	1
SOUTH CENTRAL	
Cooper, William E., Jr.	5
SOUTHEAST	
Cooper, William E., Jr.	1
PHYSIOLOGY	
NORTH CENTRAL	
Hull, Richard V.	5
NORTHEAST	
Hull, Richard V.	5
PACIFIC STATES	
Hull, Richard V.	4
SOUTHEAST	
Hull, Richard V.	0.5
ALASKA	
Dimond, Marie T.	1
Henshaw, Robert E.	7
ASIA	
De Villafranca, George W.	0.16
Kelly, Mahlon G.	1
AUSTRALIA	
Stuart, Alastair M.	6
CANADA, EASTERN	
Scanlon, Patrick F.	2
CANADA, NORTHERN	
Henshaw, Robert E.	1
CANADA, WESTERN	
Clark, Richard J.	0.5
Dimond, Marie T.	1
Henshaw, Robert E.	1
Schoonveld, Gene G.	4
CARIBBEAN	
Welch, Bruce L.	2
CENTRAL AMERICA	
Horst, G. Roy	0.5
Pough, P. Hatvey	1
Stuart, Alastair M.	1
EUROPE, EASTERN	
Schreck, Carl B.	0.5
EUROPE, WESTERN	
Bennett, Michael V.L.	4
De Villafranca, George W.	0.5
Nelson, Paul V.	1
Scanlon, Patrick F.	4
Southwick, Edward E.	0.5
Tavares, James E.	0.5
HAWAII	
Cheng, Thomas C.	7
Schoonveld, Gene G.	4
Webb, Kenneth L.	1
MIDDLE ATLANTIC	
Barber, Saul B.	16
Brown, Thomas E.	22
Camougis, George	1
Cheng, Thomas C.	
Cooper, William E., Jr.	1
Cummings, Edmund G.	16
Cutcher, Joseph J.	1
Dimond, Marie T.	32
Frascella, Daniel W.	12
Hamby, Robert J.	1.5
Henshaw, Robert E.	7
Horst, G. Roy	5
Keefer, Scott D.	3
Kelly, Mahlon G.	2
Lynch, Maurice P.	15
Morqan, Raymond P.	7

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

PHYSIOLOGY	YEARS IN REGION
MIDDLE ATLANTIC	
Snyder, Benjamin W.	1
Southwick, Edward E.	2
Taylor, Malcolm R.	8
Webb, Kenneth L.	6
Welch, Bruce L.	10
NEW ZEALAND	
Stuart, Alastair M.	6
NORHEAST	
Camougis, George	19
NORTH CENTRAL	
Banks, Oneil M.	5
Cutcher, Joseph J.	3
Halvorson, William L.	2
Hamby, Robert J.	8
Renshaw, Robert E.	9
Keefer, Scott D.	3
Sanders, Douglas C.	6
Southwick, Edward E.	3
Spotila, James R.	1
Stuart, Alastair M.	4
Tavares, James E.	3
Waters, Joseph H.	1
Webb, Kenneth L.	8
NORTHEAST	
Banks, Oneil M.	9
Barber, Saul B.	12
Bennett, Michael V.L.	16
Brush, Alan H.	8
Cassista, A. Jon	10
Cheng, Thomas C.	8
Clark, Richard J.	12
Cooper, George W.	20
Cummings, Edmund G.	1
Cutcher, Joseph J.	2
De Villafranca, George W.	25
Halvorson, William L.	2
Hamby, Robert J.	0.5
Henshaw, Robert E.	7
Horst, G. Roy	5
Kelly, Mahlon G.	7
Lukens, Raymond J.	19
Major, Charles W.	11
Nelson, Paul V.	5
Packer, Randall K.	6
Pimentel, David	16
Pough, F. Harvey	4
Snyder, Benjamin W.	1
Spotila, James R.	0.5
Stainken, Dennis M.	5
Stuart, Alastair M.	5
Tavares, James E.	8
Waters, Joseph H.	15
Williams, Bolton S.	1
OCEANS	
Kelly, Mahlon G.	
PACIFIC STATES	
Banks, Oneil M.	2
Brush, Alan H.	10
Hamby, Robert J.	3
Olendorff, Richard R.	1
Pough, F. Harvey	4
Schreck, Carl B.	1
Southwick, Edward E.	4
PUERTO RICO	
Pimentel, David	3
ROCKY MOUNTAIN	
Olendorff, Richard R.	5
Schoonveld, Gene G.	5
Schreck, Carl B.	5
SOUTH CENTRAL	
Cooper, George W.	4
Cooper, William E., Jr.	5
Pimentel, David	1
Spotila, James R.	5
SOUTHEAST	
Cheng, Thomas C.	5
Cooper, William E., Jr.	1
Cummings, Edmund G.	6
Cutcher, Joseph J.	2
Keefer, Scott D.	
Kelly, Mahlon G.	1
Lammers, William T.	15
Major, Charles W.	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PHYSIOLOGY	
SOUTHEAST	
Nelson, Paul V.	7
Pimentel, David	1
Sanders, Douglas C.	3
Scanlon, Patrick P.	2
Schreck, Carl B.	1
Spotila, James R.	
Stuart, Alastair M.	4
Waters, Joseph H.	2
Webb, Kenneth L.	5
Welch, Bruce L.	10
SOUTHWEST	
Banks, Oneil M.	6
Halvorson, William L.	3
Horst, G. Roy	4
Pough, F. Harvey	2
Williams, Bolton S.	10
WEST INDIES	
Brown, Thomas E.	0.5
PLANKTON	
EUROPE, WESTERN	
Katona, Steven K.	1
NORTHEAST	
Katona, Steven K.	5
PACIFIC STATES	
Katona, Steven K.	2
PLANT BREEDING	
AFRICA	
Murphy, Royse P.	1
NORTH CENTRAL	
Murphy, Royse P.	28
NORTHEAST	
Murphy, Royse P.	25
ROCKY MOUNTAIN	
Murphy, Royse P.	2
SOUTH AMERICA	
Murphy, Royse P.	1
U.S. NAVY	
Murphy, Royse P.	2
PLANT ECOLOGY	
ASIA	
Batra, Suzanne W.T.	2
Dill, Norman H.	0.33
Kelly, Mahlon G.	1
Yentsch, Charles S.	1
CANADA, EASTERN	
Damman, Antoni W.	9
Foerster, John W.	1
Goodland, Robert J.	3
Jenkins, Dale W.	1
Tiffney, Jr., Wesley N.	
CENTRAL AMERICA	
Egler, Frank E.	2
Forman, Richard T.T.	2.5
Goodland, Robert J.	1
Jenkins, Dale W.	2
Nickerson, Norton H.	0.75
Schnell, Charles E.	3
Wheeler, Garland L.	0.5
EUROPE, WESTERN	
Damman, Antoni W.	3
Johnson, Andrew L.	2
LaRoche, Germain E.	0.2
Swan, Frederick R., Jr.	2
Yentsch, Charles S.	1
HAWAII	
Egler, Frank E.	1
ICELAND	
Tiffney, Jr., Wesley N.	
MEDITERRANEAN	
Villamil, Richard J.	0.5
MIDDLE ATLANTIC	
Batra, Suzanne W.T.	5
Brown, Russell G.	43
Cooper, Arthur W.	14
Dill, Norman H.	12
Foerster, John W.	4
Forman, Richard T.T.	
Gemborys, Stanley R.	5
Good, Ralph E.	11
Hartman, Richard T.	
Haug, Peter T.	1
Hutnik, Russell J.	16
Jenkins, Dale W.	18

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEAR	IN	FIELD
PLANT ECOLOGY			
MIDDLE ATLANTIC			
Kelly, Mahlon G.	2		
LaRoche, Germain E.	1		
Lemmon, Paul E.	3		
Mellinger, A. Clair	3		
Nixon, Scott W.	4		
Parks, John M.	9		
Rohde, Wayne G.	2		
Schnell, Charles E.	1		
Sipple, William S.	3		
Smith, Robert L.	21		
Spaulding, Willard M., Jr.	4		
Stalter, Richard	1.5		
Stoneburner, Daniel L.	2.5		
Stout, Benjamin B.	13		
Swan, Frederick R., Jr.	6		
Tiffney, Jr., Wesley N.			
Woodard, Donald W.	1		
NORTH CENTRAL			
Barton, James D., Jr.	3		
Batra, Suzanne W.T.	7		
Cooper, Arthur W.	4		
Damman, Antoni W.	2		
Egler, Frank E.	2		
Geis, James W.	4		
Good, Ralph E.	3		
Halvorson, William L.	2		
Jenkins, Dale W.	2		
Johnson, Andrew L.	2		
Kutscheid, Ben B.	3		
Lemmon, Paul E.	3		
Nickerson, Norton H.	7		
Parks, John M.	1		
Peet, Robert K.	2		
Ring, Paul D.	2		
Rohde, Wayne G.	2		
Satterwhite, Melvin B.	3		
Spaulding, Willard M., Jr.	9		
Stoneburner, Daniel L.	3		
Swan, Frederick R., Jr.	2		
Villamil, Richard J.	1		
NORTHEAST			
Barton, James D., Jr.	14		
Batra, Suzanne W.T.	1		
Brown, James H. Jr.	13		
Burk, Carl J.	12		
Cooper, Arthur W.	2		
Damman, Antoni W.	5		
Egler, Frank E.	35		
Foerster, John W.	4		
Forman, Richard T.T.			
Gauch, Hugh G., Jr.	8		
Gehris, Clarence W.	30+		
Geis, James W.	5		
Gemborys, Stanley R.	1		
Goodland, Robert	1		
Halvorson, William L.	2		
Haug, Peter T.	5		
Hutnik, Russell J.	5		
Jenkins, Dale W.	1		
Johnson, Andrew L.	4		
Kelly, Mahlon G.	7		
Kessell, Stephen R.	0.5		
LaRoche, Germain E.	12		
Lemmon, Paul E.	3		
Meyer, Kenneth A.	1		
Nickerson, Norton H.	15		
Nixon, Scott W.			
Peet, Robert K.	1		
Ring, Paul D.	4		
Ritchie, Gary A.	2		
Rohde, Wayne G.			
Satterwhite, Melvin B.	5		
Sattin, Bruce M.	1		
Schnell, Charles E.	2		
Smith, Dwight G.	3		
Smith, Robert L.	4		
Spaulding, Willard M., Jr.	3		
Stalter, Richard	2.5		
Stout, Benjamin B.	1.		
Swan, Frederick R., Jr.	3		
Tiffney, Jr., Wesley N.	7		
Villamil, Richard J.			
Ventsch, Charles S.	1.		

TABLE 5
 OF FERTILITY
 (BY GEOGRAPHIC FAMILY)

PLANT ECOLOGY	YEARS IN REGION
OCEANS	
Kelly, Mahlon G.	
PACIFIC	
Schnell, Charles E.	1
PACIFIC STATES	
Lemmon, Paul E.	15
Ritchie, Gary A.	8
Strain, Boyd R.	8
Yentsch, Charles S.	4
PACIFIC RIM	
Gemborys, Stanley R.	
ROCKY MOUNTAIN	
Batra, Suzanne H.T.	0.5
Brown, James H. Jr.	1
Gehris, Clarence W.	1
Haug, Peter T.	7
Jenkins, Dale W.	1
Johnson, Andrew L.	1
Kessell, Stephen R.	0.5
Lemmon, Paul E.	1
Reed, Robert K.	0.5
Rohde, Wayne G.	0.5
Smith, Dwight G.	4
Strain, Boyd R.	1
Tiffany, Jr., Wesley N.	
SOUTH AMERICA	
Poerster, John W.	0.5
Forman, Richard T.T.	0.5
Goodland, Robert J.	5
Jenkins, Dale W.	2
Wheeler, Garland L.	2
SOUTH CENTRAL	
Kutschoid, Ben B.	3
Lemmon, Paul E.	3
Parks, John M.	3
SOUTHEAST	
Adams, David A.	19
Brown, James H. Jr.	2
Dumond, David M.	7
Gemborys, Stanley R.	3
Hutnik, Russell J.	1
Jenkins, Dale W.	3
Kelly, Mahlon G.	1
Lemmon, Paul E.	3
Hellinger, A. Clair	5
Meyer, Kenneth A.	6
Parks, John M.	2
Reagan, Roland E.	8
Rohde, Wayne G.	
Sattin, Bruce M.	2
Sipple, William S.	1
Spaulding, Willard M., Jr.	1
Stalter, Richard	4
Strain, Boyd R.	3
Villamil, Richard J.	2.5
Wheeler, Garland L.	8
Woodard, Donald W.	1
Yentsch, Charles S.	3
SOUTHWEST	
Poerster, John W.	2
Halvorson, William L.	3
Johnson, Andrew L.	1
Lemmon, Paul E.	1
Nickerson, Norton H.	2
Rohde, Wayne G.	0.5
Smith, Dwight G.	4
Stoneburner, Daniel L.	0.5
Woodard, Donald W.	13
PLANT MICROBIOLOGY	
NORTHEAST	
Golub, Samuel J.	10
PLANT MINERAL NUTRITION	
NORTHEAST	
Weich, Ross M.	2
PACIFIC STATES	
Weich, Ross M.	5
PLANT MORPHOLOGY	
MIDDLE ATLANTIC	
Duffy, Regina M.	25
NORTHEAST	
Duffy, Regina M.	7
PLANT PHYTOGEOGRAPHY	
NORTHEAST	
Ostorne, Thomas S.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PLANT MOSPHOGENESIS	
PACIFIC STATES	
Osborne, Thomas S.	3
SOUTH CENTRAL	
Osborne, Thomas S.	1
SOUTHEAST	
Osborne, Thomas S.	15
PLANT NEMATOLOGY	
PACIFIC STATES	
Elder, Alfred S.	1
SOUTHEAST	
Elder, Alfred S.	11
PLANT PATROLOGY	
MIDDLE ATLANTIC	
Baniecki, John F.	3
Maas, John L.	4
Smith, William H.	4
Stoneburner, Daniel L.	2.5
NORTH CENTRAL	
Davey, Charles B.	5
Stoneburner, Daniel L.	3
NORTHEAST	
Baniecki, John F.	4
Davey, Charles B.	1
Lukens, Raymond J.	19
Smith, William H.	7
PACIFIC STATES	
Davey, Charles B.	1
Maas, John L.	6
ROCKY MOUNTAIN	
Davey, Charles B.	1
SOUTHEAST	
Davey, Charles B.	16
SOUTHWEST	
Baniecki, John F.	3
Stoneburner, Daniel L.	0.5
PLANT PHYSIOLOGY	
NORTH CENTRAL	
Kramer, Paul J.	5
SOUTHEAST	
Kramer, Paul J.	40
SOUTHWEST	
Kramer, Paul J.	1
PLANT SYNECOLOGY	
NORTHEAST	
Kessell, Stephen R.	0.5
ROCKY MOUNTAIN	
Kessell, Stephen R.	0.5
POLLUTION CONTROL MANAGEMENT	
AFRICA	
Wagner, Richard H.	1
ASIA	
Wagner, Richard H.	1
EUROPE, WESTERN	
Wagner, Richard H.	5
MIDDLE ATLANTIC	
Wagner, Richard H.	6
ROCKY MOUNTAIN	
Wagner, Richard H.	6
SOUTHWEST	
Wagner, Richard H.	1
POPULATION BIOLOGY	
AFRICA	
Busack, Stephen D.	0.25
Foley, Donald D.	1
Skooog, Ronald O.	3
ALASKA	
Anthony, Vaughn C.	0.5
Drury, William H.	1
Jeffers, Edmund E.	1
Skooog, Ronald O.	15
ASIA	
Batra, Suzanne W.T.	2
Busack, Stephen D.	0.25
Hinckley, Alden D.	1
CANADA, EASTERN	
Anthony, Vaughn C.	
Cairns, Jr., John	0.25
Foerster, John W.	1
Foley, Donald D.	1
Forbes, James E.	1
Sissenvine, Michael P.	
CANADA, NORTHERN	
Drury, William H.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
POPULATION BIOLOGY	
CANADA, WESTERN	
Allan, J. David	2
Mitchell, Kenneth J.	7
CARIBBEAN	
Coppinger, Raymond P.	1
Welch, Bruce L.	2
CENTRAL AMERICA	
Hecht, Max K.	1
Porter, James W.	2
Schnell, Charles E.	3
CENTRAL AMERICA (0.50)	
Allan, J. David	
EUROPE, WESTERN	
Busack, Stephen D.	4
Foley, Donald D.	1
Hecht, Max K.	3
Ode, Philip E.	2
HAWAII	
Busack, Stephen D.	0.25
Hinckley, Alden D.	4
Skoog, Ronald O.	1
Tamarin, Robert H.	2
MIDDLE ATLANTI	
Hinckley, Alden D.	3
MIDDLE ATLANTIC	
Allan, J. David	1
Batra, Suzanne W.T.	5
Cairns, Jr., John	20
Cooper, William E., Jr.	1
Poerster, John W.	4
Hayne, Don W.	2
Hecht, Max K.	15
Jeffers, Edmund E.	3
Keefer, Scott D.	3
Kellogg, Charles W.	4
Kirkland, Gordon L., Jr.	25
Louder, Darrell E.	1
Morgan, Raymond P.	7
Petersen, Charles H.	1
Schnell, Charles E.	1
Sissenwine, Michael P.	
Skoog, Ronald O.	2
Stoneburner, Daniel L.	2.5
Welch, Bruce L.	10
NORTH CENTRAL	
Allan, J. David	5
Anthony, Vaughn C.	1
Arey, Sylvia Ann	1
Batra, Suzanne W.T.	7
Cairns, Jr., John	4
Forbes, James E.	3
Hayne, Don W.	28
Istock, Conrad A.	1
Jeffers, Edmund E.	16
Keefer, Scott D.	3
Kirkland, Gordon L., Jr.	4
Louder, Darrell E.	1
Skoog, Ronald O.	15
Stoneburner, Daniel L.	3
Tamarin, Robert H.	5
NORTHEAST	
Adams, William H.	6
Anthony, Vaughn C.	9
Batra, Suzanne W.T.	1
Coppinger, Raymond P.	8
Cunningham, Denis	2
Cutright, Noel J.	7
Drury, William H.	30
Poerster, John W.	4
Foley, Donald D.	30
Forbes, James E.	6
Hinckley, Alden D.	3
Istock, Conrad A.	8
Kaczynski, Victor W.	6
Kellogg, Charles W.	3
Louder, Darrell E.	1
Mitchell, Kenneth J.	5
Ode, Philip E.	13
Peterson, Charles H.	2
Porter, James W.	3
Porter, Karen J.	5
Richards, Clarence E.	2
Root, Richard E.	7
Schnell, Charles E.	2

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
POPULATION BIOLOGY	
NORTHEAST	
Sissenwine, Michael P.	3
Smith, Dwight G.	3
Starn, Robert H.	2
Tamarin, Robert H.	3
PACIFIC	
Schnell, Charles E.	1
PACIFIC STATES	
Anthony, Vaughn C.	2.5
Cairns, Jr., John	0.75
Cunningham, Denis	
Hinckley, Alden O.	1
Jeffers, Edmund E.	1.5
Kaczynski, Victor W.	3
Peterson, Charles H.	4
Root, Richard B.	6
Skoog, Ronald O.	10
ROCKY MOUNTAIN	
Allan, J. David	0.5
Batra, Suzanne W.T.	0.5
Hecht, Max K.	1
Jeffers, Edmund E.	11
Smith, Dwight G.	4
SOUTH AMERICA	
Cairns, Jr., John	0.25
Foerster, John W.	0.5
Porter, James W.	1
Root, Richard B.	1
SOUTH CENTRAL	
Adams, William P.	15
Cooper, William E., Jr.	5
Jeffers, Edmund E.	1
SOUTH PACIFIC	
Hinckley, Alden D.	7
Skoog, Ronald O.	1
SOUTHEAST	
Arey, Sylvia Ann	3
Busack, Stephen D.	1
Cooper, William E., Jr.	1
Rayne, Don W.	10
Jeffers, Edmund E.	2
Keefer, Scott D.	
Louder, Darrell E.	15
Reagan, Roland E.	8
Richards, Clarence E.	18
Shanholtzer, Sheryl P.	9
Starn, Robert H.	2
Welch, Bruce L.	10
SOUTHWEST	
Foerster, John W.	2
Jeffers, Edmund E.	2.5
Smith, Dwight G.	4
Stoneburner, Daniel L.	0.5
Tamarin, Robert H.	
POPULATION CYTOGENETICS	
CENTRAL AMERICA	
Hall, William P.	1.5
NORTE CENTRAL	
Hall, William P.	2
NORTHEAST	
Hall, William P.	5
PACIFIC STATES	
Hall, William P.	1
SOUTHWEST	
Hall, William P.	1
POPULATION BIOLOGY	
ASIA	
Savidge, Irvin R.	1
NORTHEAST	
Savidge, Irvin R.	5
SOUTHEAST	
Savidge, Irvin R.	1
RADIATION BIOLOGY	
CANADA, EASTERN	
Sparrow, Arnold H.	3
CANADA, WESTERN	
Sparrow, Arnold H.	3
EUROPE, WESTERN	
Sparrow, Arnold H.	1
NORTHEAST	
Osborne, Thomas S.	3
Sparrow, Arnold H.	30
PACIFIC STATES	
Osborne, Thomas S.	3

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
RADIATION BIOLOGY	
SOUTH CENTRAL	
Osborne, Thomas S.	1
SOUTHEAST	
Osborne, Thomas S.	15
RADIATION ECOLOGY	
NORTHEAST	
Shoop, C.R.	11
SOUTHEAST	
Shoop, C.R.	5
RADIO TELEMETRY - WILDLIFE	
CANADA, EASTERN	
Forbes, James E.	1
NORTH CENTRAL	
Forbes, James E.	3
NORTHEAST	
Forbes, James E.	6
RADIOCHEMISTRY	
MIDDLE ATLANTIC	
Zubkoff, Paul L.	10
NORTHEAST	
Zubkoff, Paul L.	4
PACIFIC STATES	
Zubkoff, Paul L.	2
RANGE SCIENCE	
CANADA, WESTERN	
Schoonveld, Gene G.	4
HAWAII	
Schoonveld, Gene G.	4
MIDDLE ATLANTIC	
Cliff, Edward P.	23
Stoneburner, Daniel L.	2.5
Woodard, Donald W.	1
NORTH CENTRAL	
Stoneburner, Daniel L.	3
NORTHEAST	
Heiney, Clayton L.	15
Moore, Jerry A.	10
PACIFIC STATES	
Cliff, Edward P.	13
ROCKY MOUNTAIN	
Cliff, Edward P.	5
Schoonveld, Gene G.	5
SOUTHEAST	
Woodard, Donald W.	1
SOUTHWEST	
Stoneburner, Daniel L.	0.5
Woodard, Donald W.	13
RARE PLANT SPECIES	
SOUTHEAST	
DuMond, David M.	7
RECREATION RESOURCE MANAGEMENT	
MIDDLE ATLANTIC	
Shiner, James W.	1
NORTHEAST	
Shiner, James W.	5
SOUTHEAST	
Shiner, James W.	9
RECREATIONAL FISHING	
NORTHEAST	
Richards; Clarence E.	2
SOUTHEAST	
Richards; Clarence E.	18
REMOTE SENSING	
NORTH CENTRAL	
Petersen, Gary W.	4
NORTHEAST	
Castiglione, Louis J.	4
Petersen, Gary W.	8
SOUTHEAST	
Castiglione, Louis J.	2
REPRODUCTIVE BIOLOGY	
CANADA, EASTERN	
Scanlon, Patrick F.	2
Spielman, Andrew	1
CENTRAL AMERICA	
Foster, Neal R.	1
McCoy, Clarence J.	1
Spielman, Andrew	5
EUROPE, WESTERN	
Scanlon, Patrick F.	4
Spielman, Andrew	1
MIDDLE ATLANTIC	
Cooper, William E., Jr.	1
Hall, Russell J.	5

TABLE 5. COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
REPRODUCTIVE BIOLOGY	
MIDDLE ATLANTIC	
Massaro, Edward J.	5
Snyder, Benjamin W.	1
NORTH CENTRAL	
Smith, Bruce B.	3
Spielman, Andrew	15
NORTHEAST	
Poster, Neal R.	13
Langan, William B.	20
Lukens, Raymond J.	19
Massaro, Edward J.	4
McCoy, Clarence J.	8
Smith, Bruce B.	1
Snyder, Benjamin W.	1
ROCKY MOUNTAIN	
McCoy, Clarence J.	4
SOUTH AMERICA	
Poster, Neal R.	1
SOUTH CENTRAL	
Cooper, William E., Jr.	5
Hall, Russell J.	3
SOUTHEAST	
Cooper, William E., Jr.	1
Poster, Neal R.	1
Scanlon, Patrick F.	2
Smith, Bruce B.	6
SOUTHWEST	
Massaro, Edward J.	7
McCoy, Clarence J.	3
RESOURCE ECONOMICS	
AFRICA	
Davis, Robert K.	3
MIDDLE ATLANTIC	
Davis, Robert K.	7
NORTH CENTRAL	
Davis, Robert K.	8
NORTHEAST	
Davis, Robert K.	4
SALT MARSH ECOLOGY	
CANADA, EASTERN	
Tiffney, Jr., Wesley N.	
ICELAND	
Tiffney, Jr., Wesley N.	
MIDDLE ATLANTIC	
Ruber, Ernest	7
Tiffney, Jr., Wesley N.	
NORTHEAST	
Ferrigno, Fred	20
Ruber, Ernest	5
Tiffney, Jr., Wesley N.	7
ROCKY MOUNTAIN	
Tiffney, Jr., Wesley N.	
SC. INFORMATION	
MIDDLE ATLANTIC	
Wessel, Carl J.	25
NORTH CENTRAL	
Wessel, Carl J.	15
SCIENTIFIC ADMINISTRATION	
MIDDLE ATLANTIC	
Chernside, Herbert B.	0.1
PACIFIC STATES	
Chernside, Herbert B.	5
SEDIMENTOLOGY	
BAHAMAS	
Buchanan, Hugh	0.2
NORTHEAST	
Buchanan, Hugh	9
Cook, David O.	3
PACIFIC STATES	
Cook, David O.	5
SOUTH CENTRAL	
Buchanan, Hugh	2
SOUTHWEST	
Buchanan, Hugh	0.1
SOIL SCIENCE	
AFRICA	
Camp, Wofford B., Jr.	0.5
ALASKA	
Brown, Jerry	15
Douglas, Lowell A.	7
ASIA	
Camp, Wofford B., Jr.	0.5
Hinrich, Wayne W.	2
Knoll, H.A.	2

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
SOIL SCIENCE	
ASIA	
Olson, Gerald, W.	2
Singh, Rabindar Nath	2
Weeks, Martin E.	1
CANADA, NORTHERN	
Douglas, Lowell A.	1
CENTRAL AMERICA	
Buol, Stanley W.	0.5
Hunter, Arvel H.	3
Olson, Gerald, W.	1
EUROPE, WESTERN	
Knoll, H.A.	5
Nelson, Paul V.	1
Ralston, Charles W.	2
Stone Jr., Earl L.	14
Woodhouse, William W., Jr.	0.5
MEDITERRANEAN	
Villamil, Richard J.	0.5
MIDDLE ATLANTIC	
Boehle, John, Jr.	12
Douglas, Lowell A.	15
Hanawalt, Ronald B.	7
Hinish, Wayne W.	20
Hornberger, George M.	5
Hussey, George A., Jr.	10
Kardos, Louis T.	18
Schmude, Keith O.	5
Stoneburner, Daniel L.	2.5
Weber, Richard S.	3
Wright, William R.	6
MIDEAST	
Camp, Wofford B., Jr.	1
NORTH CENTRAL	
Boehle, John, Jr.	2
Buol, Stanley W.	4
Davey, Charles B.	5
Guttay, A.J.R.	12
Olson, Gerald, W.	3
Petersen, Gary W.	4
Schmude, Keith O.	11
Stone Jr., Earl L.	2
Stoneburner, Daniel L.	3
Villamil, Richard J.	1
Weber, Jerome B.	5
Weeks, Martin E.	4
NORTHEAST	
Boehle, John, Jr.	8
Craul, Phillip J.	11
Davey, Charles B.	1
Gee, Glendon W.	6
Guttay, A.J.R.	12
Kardos, Louis T.	11
Knoll, H.A.	11
Meyer, Kenneth A.	1
Naiden, Peter C.	4
Nelson, Paul V.	5
Olson, Gerald, W.	10
Petersen, Gary W.	8
Singh, Rabindar Nath	6
Villamil, Richard J.	4
Weeks, Martin E.	12
Welch, Ross M.	2
Woodhouse, William W., Jr.	1
Wright, William R.	1
PACIFIC STATES	
Camp, Wofford B., Jr.	25
Craul, Phillip J.	1
Davey, Charles B.	1
Douglas, Lowell A.	2
Gee, Glendon W.	5
Hanawalt, Ronald B.	2
Hornberger, George M.	2
Hunter, Arvel H.	6
Kardos, Louis T.	7
Welch, Ross M.	5
ROCKY MOUNTAIN	
Davey, Charles B.	1
Douglas, Lowell A.	2
Hanawalt, Ronald B.	1
Hunter, Arvel H.	4
S.E. ASIA	
Stone Jr., Earl L.	Philippines
SOUTH AMERICA	
Buol, Stanley W.	0.5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
SOIL SCIENCE	
SOUTH AMERICA	
Hunter, Arvel H.	1
Woodhouse, William W., Jr.	0.5
SOUTH CENTRAL	
Singh, Rabindar Nath	3
Weeks, Martin E.	20
SOUTHEAST	
Buol, Stanley W.	7
Camp, Wofford B., Jr.	15
Clapp Jr., John G.	13
Craul, Phillip J.	6
Davey, Charles B.	15
Haines, Leroy W.	20
Hunter, Arvel H.	8
Meyer, Kenneth A.	6
Nelson, Paul V.	7
Ralston, Charles W.	26
Singh, Rabindar Nath	5
Stone Jr., Earl L.	2
Tunhill, Bartley E.	30
Villamil, Richard J.	2.5
Weber, Jerome B.	10
Woodhouse, William W., Jr.	28
SOUTHWEST	
Buol, Stanley W.	5
Camp, Wofford B., Jr.	25
Stoneburner, Daniel L.	0.5
SOLID WASTE DISPOSAL	
NORTHEAST	
Baum, Bernard	22
SOLID WASTE MANAGEMENT	
NORTHEAST	
Jahoda, John C.	5
SOUTHWEST	
Jahoda, John C.	3
SOLID WASTE	
ASIA	
Hershafft, Alex	2
MIDDLE ATLANTIC	
Hershafft, Alex	2
NORTH CENTRAL	
Hershafft, Alex	5
NORTHEAST	
Hershafft, Alex	8
PACIFIC STATES	
Hershafft, Alex	1
SPELEOLOGY	
MIDDLE ATLANTIC	
Cooper, John E.	9
PACIFIC STATES	
Cooper, John E.	0.5
SOUTH CENTRAL	
Cooper, John E.	4
SOUTHEAST	
Cooper, John E.	1
SOUTHWEST	
Cooper, John E.	0.5
WEST INDIES	
Cooper, John E.	0.25
SYNTHESIS AND WRITING OF SCIENTIFIC DATA	
MIDDLE ATLANTIC	
Carriker, Melbourne R.	9
NORTH CENTRAL	
Carriker, Melbourne R.	4
NORTHEAST	
Carriker, Melbourne R.	10
SOUTHEAST	
Carriker, Melbourne R.	6
SYSTEMATICS	
AFRICA	
Damkaer, David M.	1
Davis, William Price	2
Hubbard, John P.	less than 1
ALASKA	
Damkaer, David M.	1
Jeffers, Edmund E.	1
Little Jr., Frank J.	1
ANTARCTIC	
Little Jr., Frank J.	1
ASIA	
Ambrose, John D.	1
Batra, Suzanne W.T.	2
Davis, George M.	5
Dill, Norman H.	0.33

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
SYSTEMATICS	
ASIA	
Li, Hul L.	15
Stern, William L.	1
BAHAMAS	
Cassin, Joseph M.	-
Smith, Clarence L.	2
BERMUDA	
Coull, Bruce C.	2
CANADA, EASTERN	
Poerster, John W.	1
Jenkins, Robert E.	0
Tiffney, Jr., Wesley N.	-
CANADA, WESTERN	
Lanier, Gerald N.	4
CENTRAL AMERICA	
Bates, David M.	1
Birdsong, Ray S.	-
Poster, Neal R.	1
Hall, William P.	1.5
Hecht, Max K.	1
Hubbard, John P.	-
Little Jr., Frank J.	1
Porter, James W.	2
Pough, P. Harvey	1
Stern, William L.	0.5
EUROPE, EASTERN	
Schreck, Carl E.	0.5
EUROPE, WESTERN	
Bates, David M.	1
Hecht, Max K.	3
Li, Hul L.	1
HAWAII	
Ambrose, John D.	1
Davis, William Price	2
Smith, Clarence L.	1
Stern, William L.	0.5
Young, David K.	4
ICELAND	
Tiffney, Jr., Wesley N.	-
MIDDLE ATLANTIC	
Ambrose, John D.	-
Ranks, Richard C.	6
Bates, David M.	7
Batra, Suzanne W.T.	5
Riffar, Thomas A.	1
Birdsong, Ray S.	5
Bradshaw, William N.	11
Cassin, Joseph M.	2
Clarkson, Roy E.	21
Cooper, William E., Jr.	1
Coull, Bruce C.	2
Damkaer, David M.	7
Davis, George M.	3
Dill, Norman H.	12
Dillingham, James H.	-
Dooley, James K.	3
Poerster, John W.	4
Goodyear, Richard H.	5
Hecht, Max K.	15
Hubbard, John P.	4
Huber, Ivan	7
Jeffers, Edmund E.	3
Jenkins, Robert E.	7
Kirkland, Gordon L., Jr.	25
Li, Hul L.	24
Little Jr., Frank J.	1
Massaro, Edward J.	5
Morgan, Raymond P.	7
Schumacher, George J.	20
Tiffney, Jr., Wesley N.	-
Young, David K.	2
NORTH CENTRAL	
Ambrose, John D.	2
Batra, Suzanne W.T.	7
Davis, George M.	-
Dillingham, James H.	4
Goodyear, Richard H.	2
Hall, William P.	2
Hubbard, John P.	6
Huber, Ivan	5
Jeffers, Edmund E.	16
Kirkland, Gordon L., Jr.	4
Nelson Jr., Sigurd O.	8
Poe, Thomas P.	2

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

SYSTEMATICS	YEARS IN REGION
NORTH CENTRAL	
Satterwhite, Melvin B.	3
Schuyler, Alfred E.	5
Smith, Clarence L.	8
Snider, Jerry A.	1
Waters, Joseph H.	1
NORTHEAST	
Ambrose, John D.	4
Batra, Suzanne W.T.	1
Brush, Alan H.	8
Burk, Carl J.	12
Cassin, Joseph M.	15
Coull, Bruce C.	2
Dalgleish, Robert C.	10
Davis, George M.	18
Dillingham, James H.	7
Foerster, John W.	4
Poster, Neal R.	13
Hall, William P.	5
Huber, Ivan	4
Jenkins, Robert E.	4
Lanier, Gerald N.	2
Li, Hul L.	1
Little Jr., Frank J.	1
Massaro, Edward J.	4
Poe, Thomas P.	4
Porter, James W.	3
Porter, Karen J.	5
Pough, F. Harvey	4
Satterwhite, Melvin B.	2
Schuyler, Alfred E.	10
Smith, Clarence L.	12
Stern, William L.	20
Tiffney, Jr., Wesley N.	7
Waters, Joseph H.	15
Young, David K.	4
PACIFIC STATES	
Banks, Richard C.	5
Bates, David M.	3
Bell, C.R.	5
Brush, Alan H.	10
Damkaer, David M.	5
Dillingham, James H.	
Hall, William P.	1
Jeffers, Edmund E.	1.5
Lanier, Gerald N.	7
Li, Hul L.	1
Little Jr., Frank J.	4
Pough, F. Harvey	4
Schreck, Carl B.	1
ROCKY MOUNTAIN	
Batra, Suzanne W.T.	0.5
Recht, Max K.	1
Jeffers, Edmund E.	11
Schreck, Carl B.	5
Tiffney, Jr., Wesley N.	
SOUTH AMERICA	
Foerster, John W.	0.5
Poster, Neal R.	1
Little Jr., Frank J.	1
Porter, James W.	1
SOUTH CENTRAL	
Cassin, Joseph M.	3
Cooper, William E., Jr.	5
Jeffers, Edmund E.	1
Jenkins, Robert E.	0
Little Jr., Frank J.	3
Smith, Clarence L.	2
SOUTHEAST	
Bell, C.R.	15
Siffar, Thomas A.	7
Birdsong, Ray S.	5
Cooper, William E., Jr.	1
Coull, Bruce C.	2
Davis, William Price	10
Dooley, James K.	4
Poster, Neal R.	1
Jeffers, Edmund E.	2
Jenkins, Robert E.	0
Little Jr., Frank J.	1
Schreck, Carl B.	1
Schumacher, George J.	5
Snider, Jerry A.	6
Waters, Joseph H.	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
SYSTEMATICS	
SOUTHEAST	
Young, David K.	2
SOUTHWEST	
Bates, David M.	0.5
Bradshaw, William N.	10
Foerster, John W.	2
Hall, William P.	1
Hubbard, John P.	1
Jeffers, Edmund E.	2.5
Massaro, Edward J.	7
Pough, F. Harvey	2
WEST INDIES	
Stern, William L.	
SYSTEMS ANALYSIS	
ASIA	
Gorden, Morton	1
Posmentier, Eric S.	
CANADA, EASTERN	
Posmentier, Eric S.	
Sissenwine, Michael P.	
CENTRAL AMERICA	
Gorden, Morton	
EUROPE, EASTERN	
Gorden, Morton	
Posmentier, Eric S.	
EUROPE, WESTERN	
Gorden, Morton	1
MIDDLE ATLANTIC	
Beckers, Jr., Charles V.	
Boynton, Delano K., Jr.	7
Carr, Jerome B.	1
Dillingham, James H.	
Dowling, Paul Bruce	16
Gorden, Morton	3
Hillman, Robert E.	8
Hornberger, George M.	5
Leighton, Donald R.	14
Louder, Darrell E.	1
Magorian, Thomas R.	10
Sissenwine, Michael P.	
Stoneburner, Daniel L.	2.5
NORTH CENTRAL	
Beckers, Jr., Charles V.	
Carr, Jerome B.	1
Dillingham, James H.	4
Louder, Darrell E.	1
Magorian, Thomas R.	4
Stoneburner, Daniel L.	3
NORTHEAST	
Beckers, Jr., Charles V.	6
Carr, Jerome B.	10
Dillingham, James H.	7
Dowling, Paul Bruce	1
Gorden, Morton	17
Hillman, Robert E.	7
Kessell, Stephen P.	0.5
Louder, Darrell E.	1
Posmentier, Eric S.	9
Sissenwine, Michael P.	3
Smith, Dwight G.	3
PACIFIC STATES	
Dillingham, James H.	
Dowling, Paul Bruce	1
Hornberger, George M.	2
Magorian, Thomas R.	3
ROCKY MOUNTAIN	
Kessell, Stephen P.	0.5
Magorian, Thomas R.	3
Smith, Dwight G.	4
SOUTH AMERICA	
Posmentier, Eric S.	
SOUTH CENTRAL	
Dowling, Paul Bruce	4
SOUTHEAST	
Boynton, Delano K., Jr.	2
Louder, Darrell E.	15
SOUTHWEST	
Magorian, Thomas R.	4
Smith, Dwight G.	4
Stoneburner, Daniel L.	0.5
TAXONOMY	
AFRICA	
Damkaer, David M.	1
Hubbard, John P.	less than 1

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

TAXONOMY	YEARS IN REGION
AFRICA	
Jannback, Hugo A.	
Steyskal, George C.	.5
ALASKA	
Damkaer, David M.	
Jeffers, Edmund E.	1
Little Jr., Frank J.	1
Nyquist, David	3
Shetler, Stanwyn G.	0.5
ANTARCTIC	
Little Jr., Frank J.	1
ASIA	
Ambrose, John D.	1
Batra, Suzanne W.T.	2
Davis, George M.	5
Li, Hul L.	15
Stern, William L.	1
Tramontano, John P.	4
BAHAMAS	
Cassin, Joseph M.	
Smith, Clarence L.	2
BERMUDA	
Coull, Bruce C.	2
CANADA, EASTERN	
Poerster, John W.	1
Jenkins, Robert E.	0
CANADA, WESTERN	
Lanier, Gerald N.	4
CENTRAL AMERICA	
Bates, David M.	1
Poster, Neal R.	1
Hall, William P.	1.5
Hecht, Max K.	1
Hubbard, John P.	
Lefor, Michael W.	
Little Jr., Frank J.	1
Little, Elbert L., Jr.	1
McCoy, Clarence J.	1
Porter, James W.	2
Pough, F. Harvey	1
Stern, William L.	0.5
COSTA RICA	
Banta, William C.	
EUROPE, EASTERN	
Schreck, Carl B.	0.5
EUROPE, WESTERN	
Bates, David M.	1
Hecht, Max K.	3
LaRoche, Germain E.	0.2
Li, Hul L.	1
HAWAII	
Ambrose, John D.	1
Smith, Clarence L.	1
Stern, William L.	0.5
MEXICO	
Little, Elbert L., Jr.	1
MIDDLE ATLANTIC	
Ambrose, John D.	
Banks, Richard C.	6
Banta, William C.	3
Bates, David M.	7
Batra, Suzanne W.T.	5
Biffar, Thomas A.	1
Brown, Russell G.	43
Cassin, Joseph M.	2
Clarkson, Roy B.	21
Coull, Bruce C.	2
Damkaer, David M.	7
Davis, George M.	3
Denoncourt, Robert F.	5
Dooley, James K.	3
Poerster, John W.	4
Goodyear, Richard H.	5
Hecht, Max K.	15
Hillman, Robert E.	8
Hubbard, John P.	4
Jeffers, Edmund E.	3
Jenkins, Robert E.	7
Kirkland, Gordon L., Jr.	25
LaRoche, Germain E.	1
Li, Hul L.	24
Little Jr., Frank J.	1
Little, Elbert L., Jr.	24
Massaro, Edward J.	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

TAXONOMY	YEARS IN REGION
MIDDLE ATLANTIC	
Nyquist, David	2
Schumacher, George J.	20
Shetler, Stanwyn G.	10
Sipple, William S.	3
Stalter, Richard	1.5
Steyskal, George C.	10
NORTH CENTRAL	
Ambrose, John D.	2
Batra, Suzanne W.T.	7
Birchfield, Larry J.	1
Connell, Walter A.	2
Davis, George M.	
Denoncourt, Robert F.	1
Goodyear, Richard H.	2
Hall, William P.	2
Hubbard, John P.	6
Jeffers, Edmund E.	16
Kirkland, Gordon L., Jr.	4
Little, Elbert L., Jr.	2
Poe, Thomas P.	2
Ring, Paul D.	2
Satterwhite, Melvin B.	3
Schuyler, Alfred E.	5
Smith, Clarence L.	8
Snider, Jerry A.	1
NORTHEAST	
Ambrose, John D.	4
Batra, Suzanne W.T.	1
Burk, Carl J.	12
Carpenter, Edward J.	3
Cassin, Joseph M.	15
Connell, Walter A.	32
Coull, Bruce C.	2
Dalglish, Robert C.	10
Davis, George M.	18
Denoncourt, Robert F.	10
Foerster, John W.	4
Foster, Neal R.	13
Hall, William P.	5
Hillman, Robert E.	7
Jamnback, Hugo A.	21
Jenkins, Robert E.	4
Lanier, Gerald N.	2
LaRoche, Germain E.	12
Lefor, Michael W.	8
Li, Hul L.	1
Little Jr., Frank J.	1
Massaro, Edward J.	4
McCoy, Clarence J.	8
Moore, Jerry A.	10
Poe, Thomas P.	4
Porter, James W.	3
Porter, Karen J.	5
Pough, F. Harvey	4
Ring, Paul D.	4
Robinson, Beatrice B.	13
Satterwhite, Melvin B.	2
Schuyler, Alfred E.	10
Shetler, Stanwyn G.	
Smith, Clarence L.	12
Stalter, Richard	2.5
Stern, William L.	20
Tramontano, John P.	2
PACIFIC ISLANDS	
Connell, Walter A.	2
PACIFIC STATES	
Banks, Richard C.	5
Banta, William C.	25
Bates, David M.	3
Bell, C.R.	5
Damkaer, David M.	5
Hall, William P.	1
Jeffers, Edmund E.	1.5
Lanier, Gerald N.	7
Li, Hul L.	1
Little Jr., Frank J.	4
Nyquist, David	2
Pough, F. Harvey	4
Schreck, Carl B.	1
Steyskal, George C.	1
Tramontano, John P.	4
PUERTO RICO	
Little, Elbert L., Jr.	1

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

TAXONOMY	YEARS IN REGION
ROCKY MOUNTAIN	
Batra, Suzanne W.T.	0.5
Becht, Max K.	1
Jeffers, Edmund E.	11
McCoy, Clarence J.	4
Nyquist, David	4
Schreck, Carl B.	5
Shetler, Stanwyn G.	0.5
SOUTH AMERICA	
Poerster, John W.	0.5
Poster, Neal R.	1
Lefor, Michael W.	
Little Jr., Frank J.	1
Little, Elbert L., Jr.	4
Porter, James W.	1
SOUTH CENTRAL	
Cassin, Joseph M.	3
Connell, Walter A.	1
Denoncourt, Robert F.	1
Jeffers, Edmund E.	1
Jenkins, Robert E.	0
Little Jr., Frank J.	3
Little, Elbert L., Jr.	4
Smith, Clarence L.	2
SOUTHEAST	
Bell, C.R.	15
Biffar, Thomas A.	7
Carpenter, Edward J.	5
Coull, Bruce C.	2
Dooley, James K.	4
DuMond, David M.	7
Poster, Neal R.	1
Jeffers, Edmund E.	2
Jenkins, Robert E.	0
Little Jr., Frank J.	1
Perkins, Frank O.	13
Schreck, Carl B.	1
Schumacher, George J.	5
Sipple, William S.	1
Snider, Jerry A.	6
Stalter, Richard	4
SOUTHWEST	
Bates, David M.	0.5
Birchfield, Larry J.	1
Poerster, John W.	2
Hall, William B.	1
Hubbard, John P.	1
Jeffers, Edmund E.	2.5
Little, Elbert L., Jr.	8
Massaro, Edward J.	7
McCoy, Clarence J.	3
Rough, F. Harvey	2
Tramontano, John P.	6
WEST INDIES	
Stern, William L.	
NORTHEAST	
Cutright, Noel J.	7
TERATOLOGY	
EUROPE, WESTERN	
Beck, Sidney L.	1
NORTH CENTRAL	
Beck, Sidney L.	8
NORTHEAST	
Beck, Sidney L.	7
SOUTH CENTRAL	
Beck, Sidney L.	2
TEXTILE RESEARCH	
NORTHEAST	
Golub, Samuel J.	10
TOXICOLOGY	
ASIA	
Ahmad, Sami	3
EUROPE, WESTERN	
Ahmad, Sami	3.5
MIDDLE ATLANTIC	
Ahmad, Sami	2
NORTHEAST	
Ahmad, Sami	1.5
SOUTH CENTRAL	
Ahmad, Sami	2
TROPICAL BIOLOGY	
CENTRAL AMERICA	
Schnell, Charles E.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
TROPICAL BIOLOGY	
MIDDLE ATLANTIC	
Schnell, Charles E.	1
NORTHEAST	
Schnell, Charles F.	2
PACIFIC	
Schnell, Charles E.	1
VEGETATION	
AUSTRALIA	
De Laubenfels, David J.	
NORTH CENTRAL	
De Laubenfels, David J.	3
NORTHEAST	
De Laubenfels, David J.	13
PACIFIC	
De Laubenfels, David J.	0.5
PACIFIC STATES	
De Laubenfels, David J.	1
SOUTH AMERICA	
De Laubenfels, David J.	0.5
SOUTHEAST	
De Laubenfels, David J.	5
VETERINARY SCIENCE	
ASIA	
Lanza, Guy R.	1.5
Stedham, Michael A.	1
CANADA, NORTHERN	
Ward, Fraser P.	
EUROPE, WESTERN	
Stedham, Michael A.	3
Woke, Richard E.	2
MIDDLE ATLANTIC	
Harper III, James S.	4
Lanza, Guy R.	2
Robinson, Farrel R.	5
Stedham, Michael A.	2
Ward, Fraser P.	11
NORTH CENTRAL	
Robinson, Farrel R.	11
Stackhuse, Larry L.	5
Stedham, Michael A.	1.5
NORTHEAST	
Garman, Robert H.	9
Lanza, Guy R.	
Stackhuse, Larry L.	2
Woke, Richard E.	14
PACIFIC STATES	
Robinson, Farrel R.	3
Stackhuse, Larry L.	1.5
Stedham, Michael A.	1
Woke, Richard E.	1
ROCKY MOUNTAIN	
Stackhuse, Larry L.	4
Stedham, Michael A.	4.5
SOUTH CENTRAL	
Stedham, Michael A.	1
SOUTHEAST	
Lanza, Guy R.	2
Robinson, Farrel R.	1
SOUTHWEST	
Robinson, Farrel R.	2
VIROLOGY	
MIDDLE ATLANTIC	
Mangiafico, Joseph A.	12
NORTH CENTRAL	
Kirk, Billy E.	15
NORTHEAST	
Mangiafico, Joseph A.	3
SOUTHEAST	
Kirk, Billy E.	8
Lammers, William T.	15
NORTHEAST	
Cutright, Noel J.	7
WATER POLLUTION CONTROL	
EUROPE, WESTERN	
Bikales, Norbert M.	1
NORTHEAST	
Bikales, Norbert M.	20
WATER POLLUTION	
ASIA	
Cardenas, Raul P., Jr.	1
NORTHEAST	
Cardenas, Raul P., Jr.	12

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
WATER POLLUTION	
SOUTHWEST	
Cardenas, Raul P., Jr.	7
WATER RESOURCES MANAGEMENT	
AFRICA	
Wagner, Richard H.	1
ALASKA	
Nyquist, David	3
ASIA	
Kelley, Roger W., Jr.	1
McGuinness, William V.	7
Wagner, Richard H.	1
CANADA, EASTERN	
Cairns, Jr., John	0.25
Foerster, John W.	1
Goodland, Robert J.	3
Zaltzman, Paul	
CANADA, NORTHERN	
Zaltzman, Raul	
CANADA, WESTERN	
Zaltzman, Raul	
CENTRAL AMERICA	
Goodland, Robert J.	1
Zaltzman, Raul	
EUROPE, EASTERN	
Leonard, Raymond E.	2
EUROPE, WESTERN	
Harleman, Donald R.	1
McGuinness, William V.	3
Wagner, Richard H.	5
HIGH ARCTIC	
Hughes, Kent H.	1
MIDDLE ATLANTIC	
Alden, Jon C.	2
Cairns, Jr., John	20
Carr, Jerome B.	1
Dillingham, James H.	
Dillingham, James H.	
Foerster, John W.	4
Hornberger, George M.	5
Hughes, Kent H.	1
Magorian, Thomas R.	10
McGuinness, William V.	9
Nelson, Charles W.	2
Nyquist, David	2
Rose, Cort D.	2
Sjolseth, Danny E.	3
Stoneburner, Daniel L.	2.5
Wagner, Richard R.	6
Wagner, Richard H.	3
Weiss, Charles M.	6
Wilkins, Bruce T.	2
NORTH CENTRAL	
Adrian, Donald D.	1
Alden, Jon C.	3
Burton, Gerald L.	1
Cairns, Jr., John	4
Carr, Jerome B.	1
Dillingham, James H.	4
Dillingham, James H.	4
Federer, C. Anthony	5
Likens, Gene E.	5
Litsky, Warren	3
Magorian, Thomas R.	4
McGuinness, William V.	1
Nelson, Charles W.	2
Riley, David P.	2
Stoneburner, Daniel L.	3
Zaltzman, Raul	
NORTHEAST	
Adrian, Donald D.	6
Alden, Jon C.	2
Brown, James H. Jr.	13
Carr, Jerome B.	10
Castiglione, Louis J.	4
Cunningham, Denis	2
Dillingham, James H.	7
Dillingham, James H.	7
Federer, C. Anthony	8
Foerster, John W.	4
Goodland, Robert J.	1
Harleman, Donald R.	28
Hayden, Robert P.	2
Kelley, Roger W., Jr.	17
Leonard, Raymond E.	11

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
WATER RESOURCES MANAGEMENT	
NORTHEAST	
Likens, Gene E.	10
Litsky, Warren	4
McGuinness, William V.	3
Old, Warren T. Jr.	1
Wagner, Richard R.	7
Weiss, Charles M.	3
Westfield, James D.	5
Wikstrom, Leonard L.	6
Wilkins, Bruce T.	14
PACIFIC STATES	
Adrian, Donald D.	6
Cairns, Jr., John	0.75
Cunningham, Denis	
Dillingham, James H.	
Dillingham, James H.	
Hayden, Robert P.	14
Rornberger, George M.	2
Hughes, Kent H.	6
Kelley, Roger W., Jr.	0.5
Magorian, Thomas R.	3
McGuinness, William V.	1
Nelson, Charles W.	10
Nyquist, David	2
Riley, David F.	4
Sjolseth, Danny E.	4
Westfield, James D.	2
Wikstrom, Leonard L.	6
ROCKY MOUNTAIN	
Brown, James H. Jr.	1
Magorian, Thomas R.	3
McGuinness, William V.	3
Nyquist, David	4
Riley, David F.	4
Wagner, Richard R.	6
Wilkins, Bruce T.	5
SE ASIA	
Old, Warren T. Jr.	1
SOUTH AMERICA	
Cairns, Jr., John	0.25
Foerster, John W.	0.5
Goodland, Robert J.	5
Westfield, James D.	2
Zaltzman, Raul	
SOUTH CENTRAL	
Burton, Gerald L.	2
McGuinness, William V.	1
Nelson, Charles W.	4
SOUTHEAST	
Adrian, Donald D.	3
Brown, James H. Jr.	2
Castiglione, Louis J.	2
Kelley, Roger W., Jr.	1
Nelson, Charles W.	2
Old, Warren T. Jr.	9
Riley, David F.	3
Rose, Cort D.	10
Wagner, Richard H.	7
Weiss, Charles M.	12
Westfield, James D.	2
SOUTHWEST	
Burton, Gerald L.	3
Foerster, John W.	2
Magorian, Thomas R.	4
Riley, David F.	1
Stoneburner, Daniel L.	0.5
Wagner, Richard H.	1
Zaltzman, Raul	
WATER TREATMENT	
MIDDLE ATLANTIC	
Dillingham, James H.	
NORTH CENTRAL	
Dillingham, James H.	4
NORTHEAST	
Dillingham, James H.	7
PACIFIC STATES	
Dillingham, James H.	
WEED SCIENCE	
NORTH CENTRAL	
Weber, Jerome B.	5
SOUTHEAST	
Weber, Jerome B.	10

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
WETLAND ECOLOGY	
MIDDLE ATLANTIC	
Sipple, William S.	3
SOUTHEAST	
Sipple, William S.	1
WILDLIFE LAW ENFORCEMENT	
NORTHEAST	
Hester, Albert E.	5
ROCKY MOUNTAIN	
Hester, Albert E.	1
SOUTH CENTRAL	
Hester, Albert E.	3
SOUTHWEST	
Hester, Albert E.	1
WILDLIFE MANAGEMENT	
MIDDLE ATLANTIC	
Ghiselin, Jon B.	5
AFRICA	
Foley, Donald D.	1
Ghiselin, Jon B.	1
Skooq, Ronald O.	3
ALASKA	
Boddicker, Major L.	0.75
Coggeshall, Dale T.	0.25
Nyquist, David	3
Patrick, David K.	
Skooq, Ronald O.	15
Stephenson, Don W.	1
ASIA	
Evenden, Fred G.	2
Jones, Fred L.	1
Kelley, Roger W., Jr.	1
Vaillancourt, Joseph H.	1
Webb, William L.	2
CANADA, EASTERN	
Foley, Donald D.	1
Forbes, James E.	1
Mason, Robert E.	7
Snyder, Jonas L.	2
CANADA, WESTERN	
Clark, Richard J.	0.5
Schoonveld, Gene G.	4
Stutz, Sherwood S.	3
CENTRAL AMERICA	
LaBastille, Anne	4
EUROPE, WESTERN	
Foley, Donald D.	1
Vaillancourt, Joseph H.	1
Webb, William L.	1
HAWAII	
Schoonveld, Gene G.	4
Skooq, Ronald O.	1
Tibbs, Arthur L.	2
MICKONNESIA	
Fuchs, Everett H.	2
MIDDLE ATLANTIC	
Almand, James D.	3
Andrews, Ralph	7
Coggeshall, Dale T.	5
Crawford, Hewlette S.	4
Evenden, Fred G.	9
Fuchs, Everett H.	1
Giles, Robert H., Jr.	10
Grandy, John W., IV	2
Harlow, Richard P.	7
Hartman, Fred E.	15
Hay, Keith G.	6
Hayne, Don W.	2
Hooper, Robert G.	6
Jones, Fred L.	5
Larson, Joseph S.	4
Linduska, Joseph P.	20
Louder, Darrell E.	1
Nelson, Charles W.	2
Nyquist, David	2
Patrick, David K.	2
Progulske, Donald R.	3
Rose, Cort D.	2
Schemnitz, Sanford D.	2
Schulz, Arnold P.	19
Skooq, Ronald O.	2
Smith, Robert L.	21
Spaulding, Willard M., Jr.	4
Stephenson, Don W.	3
Taylor, Warren H.	20

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
WILDLIFE MANAGEMENT	
MIDDLE ATLANTIC	
Wilkins, Bruce T.	2
Woodard, Donald W.	1
NOR EAST	
Harlow, Richard P.	3
NORTH CENTRAL	
Andrews, Ralph	2
Boddicker, Major L.	7
Crawford, Hewlette S.	7
Pollmann, Frich H.	7
Forbes, James E.	3
Fuchs, Everett H.	5
Ghiselin, Jon E.	8
Giles, Robert H., Jr.	3
Happe, Don W.	28
Jones, Walter A.	4
Linduska, Joseph P.	4
Moore, Darrell E.	1
Moore, William W.	4
Nelson, Charles W.	2
Progulste, Donald R.	4
Reed, Lanny W.	5
Schemnitz, Sanford D.	2
Skoog, Ronald O.	15
Snyder, Jonas L.	1
Spaulding, Willard M., Jr.	9
Tate, James	4
Webb, William L.	4
NORTHEAST	
Adams, William H.	6
Andrews, Ralph	2
Clark, Richard J.	12
Coggeshall, Dale T.	5
Cooper rider, Allen Y.	3
Ferrigno, Fred	20
Foley, Donald D.	30
Forbes, James E.	6
Fuchs, Everett H.	1
Golet, Frank C.	5
Grandy, John W., IV	5
Hartman, Fred E.	5
Hester, Albert E.	5
Jones, Walter A.	4
Kelley, Roger W., Jr.	17
LaPastille, Anne	12
Larson, Joseph S.	9
Louder, Darrell E.	1
Mautz, William W.	4
Michael, Edwin D.	3
Miller, Robert L.	4
Moore, Jerry A.	10
Old, Warren T. Jr.	1
Omland, Per A.	5
Patrick, David K.	10
Progulste, Donald R.	2
Ritchie, Gary A.	2
Samuel, David E.	9
Schemnitz, Sanford D.	10
Smith, Robert L.	4
Snyder, Jonas L.	15
Spaulding, Willard M., Jr.	3
Stutz, Sherwood S.	2.5
Tate, James	4
Tibbs, Arthur L.	5
Vaillancourt, Joseph H.	7
Vandruff, Larry W.	8
Webb, William L.	30
Wilkins, Bruce T.	14
Wood, Gene W.	9
PACIFIC STATES	
Evenden, Fred G.	18
Jones, Fred L.	20
Kelley, Roger W., Jr.	0.5
Linduska, Joseph P.	1
Nelson, Charles W.	10
Nyquist, David	2
Olenдорff, Richard R.	1
Ritchie, Gary A.	8
Skoog, Ronald O.	10
Snyder, Jonas L.	1
Stutz, Sherwood S.	4
Tate, James	3
Tibbs, Arthur L.	0.5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

WILDLIFE MANAGEMENT	YEARS IN REGION
ROCKY MOUNTAIN	
Andrews, Ralph	2
Roddicker, Major L.	1
Cooperrider, Allen Y.	2
Evenden, Fred G.	3
Ghiselin, Jon B.	3
Giles, Robert H., Jr.	4
Hay, Keith G.	13
Hester, Albert E.	1
LaBastille, Anne	2
Linduska, Joseph P.	3
Nyquist, David	4
Olendorff, Richard R.	5
Samuel, David E.	1
Schoonveld, Gene G.	5
Schulz, Arnold F.	3
Tibbs, Arthur L.	0.5
Wilkins, Bruce T.	5
SE ASIA	
Old, Warren T. Jr.	1
SOUTH CENTRAL	
Adams, William H.	15
Andrews, Ralph	5
Crawford, Hewlette S.	6
Ghiselin, Jon B.	1
Hay, Keith G.	1
Hester, Albert E.	3
Nelson, Charles W.	4
Progulske, Donald R.	16
SOUTH PACIFIC	
Skooq, Ronald O.	1
SOUTHEAST	
Almand, James D.	6
Andrews, Ralph	3
Banks, Roger L.	2
Cherry, Solomon T. Jr.	10
Dawalas, Andinos P.	19
Ghiselin, Jon B.	1
Harlow, Richard F.	14
Hayne, Don W.	10
Kelley, Roger W., Jr.	1
Larson, Joseph S.	3
Linduska, Joseph P.	3
Louder, Dattrell E.	15
Mason, Robert F.	8
Monschein, Tom D.	5
Nelson, Charles W.	2
Old, Warren T. Jr.	9
Omland, Per A.	
Reagan, Roland E.	8
Rose, Cort D.	10
Schemnitz, Sanford D.	3
Spaulding, Willard M., Jr.	3
Vaillancourt, Joseph H.	3
Woodard, Donald W.	1
SOUTHWEST	
Banks, Roger L.	3
Hester, Albert E.	1
Michael, Edwin D.	9
Schemnitz, Sanford D.	3
Stephenson, Don W.	1
Tate, James	1
Woodard, Donald W.	13
ZOOLOGY VERTEBRATE	
CENTRAL AMERICA	
Alperin, Richard J.	0.1
EUROPE, WESTERN	
Alperin, Richard J.	0.1
MIDDLE ATLANTIC	
Alperin, Richard J.	10
NORTHEAST	
Alperin, Richard J.	0.5

SECTION II

RESPONDENTS FROM OTHER NATIONS

Table 1: Respondents (Alphabetical Listing) II-2

Table 2: Index by Competence in Ecosystem Management II-49

Table 3: Index by Keywords II-59

Table 4: Index by Impact Assessment Experience II-88

Table 5: Index by Scientific Field and Geographic Familiarity . II-97

SECTION II

TABLE 1

RESPONDENTS (Alphabetical Listing)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<1>
 Agarwala, Shashi BD, 1919, PhD, 1949,
 Acrididae-DELHI-632472
 Manager Research & Development; Dow Chemical
 Co.; 14 Golf Links; New Delhi-3, Delhi, India

PRINCIPAL FIELD: Research, development and
 marketing of agricultural chemicals
 particularly pesticides

COMPETENCE: Agricultural Science; Anatomy; Animal
 Behavior; Entomology; Parasitology; Pest
 Control

EXPERIENCE (AS EMPLOYEE): Agriculture;
 Manufacturing; State government; Professional
 society; United Nations; World Bank

EXPERIENCE (AS CONSULTANT): Agriculture;
 Manufacturing; State government; Professional
 society; United Nations; World Bank

RESEARCH ACTIVITY ONE: Control of rice insect
 pests with DOW insecticides

RESEARCH ACTIVITY TWO: Control of perennial
 grasses in afforestation areas

RESEARCH ACTIVITY THREE: Control of insects of
 importance to public health

INTEREST IN WORKING WITH: Agriculture;
 Manufacturing; Local Government; State
 government; Conservation or Scientific Group;
 Professional Society; International
 Organizations; United Nations; World Bank;
 U.S. Federal Government; Other Governments
 (3072)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Asia (28); Europe,
 western (3)

<2>
 Albright, Lawrence J., 1941, PhD, 1967, Marine
 Microbiology-291-3193
 Biological Sciences; Simon Fraser University;
 Burnaby, Canada

PRINCIPAL FIELD: Action of Organic and Metallic
 Salts Upon Aquatic and Marine Microbes; Fate
 and Behavior of Chlorinated Hydrocarbons in
 Natural Waters

COMPETENCE: Aquatic Ecology (3); Bacteriology (3);
 Biochemistry (1); Environmental Pollution (2);
 Microbiology (3)

EXPERIENCE (AS CONSULTANT): County or city
 government

RESEARCH ACTIVITY ONE: Microbe-pollutant
 interactions in natural waters and sediments

INTEREST IN WORKING WITH: Agriculture;
 Manufacturing; Mining; County or city
 government; Local or regional planning group;
 State government; Conservation group;
 Professional society; The Institute of
 Ecology; The Nat'l Academy of Sciences; U.S.
 Federal Government; Other Governments (1898)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Tailings, spoils disposal

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States (4); Canada, western (6)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 30

<3>
 Armstrong, Patrick H., 1941, PhD, 1970, Ecology,
 022-3-63271
 Geography; College of Arts and Technology;
 Collier Road; Cambridge CB12AJ, England

PRINCIPAL FIELD: Application of Ecosystem Concept
 in Land Use Studies and Conservation

COMPETENCE: Agronomy (3); Agricultural Science (3);
 Animal Ecology (2); Entomology (3);
 Forestry (3); Environmental Pollution (2); Land
 Use Ecology/History (1); Ornithology (1); Soil
 Science (2); Systems Analysis (1)

RESEARCH ACTIVITY ONE: Land use in Suffolk
 sandlings: A systems approach

RESEARCH ACTIVITY TWO: Land use and environment
 in southern Spain

RESEARCH ACTIVITY THREE: Land use change in natal
 midlands South Africa

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (4062)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Forestry; Parks, recreational facilities

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (21, M);
 Africa (21, M); Europe, western (10, M)

AVAILABILITY (DAYS PER MONTH): A, 6; S, 20

<4>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<4>

Auclair, Allan N., 1943, PhD, 1968, Plant
Ecology, 514-392-4652
Biology; McGill University; PO Box 6070;
Montreal, Quebec, Canada

PRINCIPAL FIELD: Analysis and simulation of
ecosystems

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(3); Biostatistics(2); Forestry(3);
Limnology(3); Plant Ecology(1); Systems
Analysis(2)

RESEARCH ACTIVITY ONE: Ecosystem analysis

RESEARCH ACTIVITY TWO: Systems analysis of Lake
Texoma

RESEARCH ACTIVITY THREE: Management plan of
estrie region, Quebec

INTEREST IN WORKING WITH: Local or regional
planning group; Conservation or Scientific
Group; International Organizations; USOA;
AEC; OOC; CC; COE; EPA; HEW; DSDI; NSP; OST;
African; Central American; Canadian;
European, western; South American (3186)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(4,M); Northeast(.1,M); Canada,
eastern(4,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,25

<5>

Balsbaugh, Jr., Edward U., 1933, PhD, 1966,
Entomology, 605-68B-6176
Entomology-Zoology; South Dakota State
University; 1809 Derald Drive; Brookings
57006, US

PRINCIPAL FIELD: Taxonomy, biology, zoogeography
of coleoptera, especially chrysomelidae

COMPETENCE: Aquatic Ecology(3); Entomology(1);
Pest Control(2); Population Biology(3);
Systematics(1); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): IBP

RESEARCH ACTIVITY ONE: Biological control of
Canada thistle

RESEARCH ACTIVITY TWO: Biology, ecology, control
of diptera on livestock

RESEARCH ACTIVITY THREE: Taxonomy of pachybrachis

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (616)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(7,M); Northeast(5); Southeast(3,M);
Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,3

<6>

Banfield, Alexander W.P., 1919, PhD, 1952,
Zoology, 416-684-7201
Biological Sciences; Brock University;
Glenridge; St. Catharines, CA

PRINCIPAL FIELD: Northern Ecosystems with
Particular Reference to Wildlife Management

COMPETENCE: Anatomy(3); Animal Behavior(3);
Animal Ecology(1); Biostatistics(3);
Ornithology(3); Parasitology(3); Population
Biology(3); Reproductive Biology(3);
Systematics(1); Taxonomy(1); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Utility; Civic action
group; UNESCO MAB.; IBP; Mand Biosphere;
Canadian; Smithsonian Institute

RESEARCH ACTIVITY ONE: Environmental impact of
northern pipelines

RESEARCH ACTIVITY TWO: James Bay hydro
development environmental impact

INTEREST IN WORKING WITH: Mining; Transportation;
Utility; Local Government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government;
Canadian (1389)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks,
recreational facilities; Reservoirs/Dams;
Fish & Wildlife conservation; Pipelines

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Canada, eastern(25); Canada, western(3,M);
Canada, northern(2,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,30-mostly
committed at present

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <7>
Barnes, Richard S.K., 1944, PhD, 1967, Ecology
Department of Zoology; University of
Cambridge; Downing Street; Cambridge CB2 3EJ,
United Kingdom
- PRINCIPAL FIELD: Ecology of Brackish-waters,
especially estuaries (inc. physiology and
taxonomy of estuarine animals)
- COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Aquatic Ecology(1); Environmental
Pollution(3); Limnology(2); Estuarine
Science(1); Marine Biology(1);
Oceanography(2); Plant Ecology(3);
Physiology(3); Systematics(2); Taxonomy(2)
- EXPERIENCE (AS EMPLOYEE): Utility
- EXPERIENCE (AS CONSULTANT): Mining
- RESEARCH ACTIVITY ONE: Survey of the solent
- RESEARCH ACTIVITY TWO: Survey of the blackwater
estuary
- RESEARCH ACTIVITY THREE: Ecology of lagoon "The
Swanpool"
- INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1493)
- GEOGRAPHIC FAMILIARITY (YEARS): Europe,
western(5,M); Australia(2,M)
- AVAILABILITY (DAYS PER MONTH): A,2; S,5
- <8>
Barrett, Reginald R., 1942, PhD, 1971,
Zoology-843611
Wildlife Research; Commonwealth Scientific &
Industrial Research Organization; P.O. Box
3121; Darwin 5794, Australia
- PRINCIPAL FIELD: Large mammal ecology -
population dynamics - habitat relationships
- COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Aquatic Ecology(3);
Biostatistics(3); Fishery Biology(3);
Forestry(3); Limnology(3); Ornithology(3);
Pest Control(2); Plant Ecology(2);
Physiology(3); Population Biology(1); Range
Science(1); Wildlife Management(1)
- EXPERIENCE (AS EMPLOYEE): Agriculture; USDI;
Australian
- EXPERIENCE (AS CONSULTANT): Agriculture; Civic
action group; Conservation group
- RESEARCH ACTIVITY ONE: Ecology of introduced
angulates, Hearst Ranch, California
- RESEARCH ACTIVITY TWO: Ecology of feral hogs, Dye
Creek Ranch, California
- RESEARCH ACTIVITY THREE: Wildlife-logging
relationships, Southeast Alaska
- INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (761)
- IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Fish & Wildlife conservation
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5,M); North Central(1); Alaska(1,M);
Australia(1)
- AVAILABILITY (DAYS PER MONTH): A,10; S,10
- <9>
Bates, Thomas E., 1926, PhD, 1961, Soil
Fertility, 519-824-4120
Land Resource Science; University of Guelph;
Guelph, Ontario N1G2W1, Canada
- PRINCIPAL FIELD: Evaluation of Nutrient
Requirements of Crops Including Toxicity of
Non Nutrient Elements
- COMPETENCE: Agronomy(1); Agricultural Science(1);
Environmental Pollution(2); Soil Science(1)
- EXPERIENCE (AS EMPLOYEE): African; Canadian
- EXPERIENCE (AS CONSULTANT): Agriculture; Civic
action group
- RESEARCH ACTIVITY ONE: Land disposal of sewage
sludge
- RESEARCH ACTIVITY TWO: Land reclamation
- INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1299)
- IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Highways; Tailings, spoils disposal
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(3); Southwest(1); North Central(3);
Southeast(1); Africa(5); Canada, eastern(10,M)
- AVAILABILITY (DAYS PER MONTH): A,3; S,3 (10% of
year)

<10>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<10>

Beirne, Bryan P., 1918, PhD, 1941, Entomology,
604-291-3705
Biological Sciences Dept.; Simon Fraser
University; Burnaby, Canada

PRINCIPAL FIELD: Pest Management, Biological
Control, Insect Systematics

COMPETENCE: Agricultural Science (3);
Entomology (1); Forestry (3); Pest Control (1);
Systematics (2); Taxonomy (2)

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Manufacturing;
Professional society; United Nations;
Canadian; European, western

RESEARCH ACTIVITY ONE: Evaluation of biological
control

RESEARCH ACTIVITY TWO: Evaluation of Canadian
Agricultural pests

RESEARCH ACTIVITY THREE: Parasites & predators of
orchard pests

INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (651)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern (19,M); Canada, western (6,M);
Ireland (11,M)

<11>

Benson, Crandall A., 1941, MS, 1969, Plant
Anatomy, 705-472-9550
Trout Mills Chief Ranger; Ministry of Natural
Resources; Box 3070; North Bay; Ontario,
Canada

PRINCIPAL FIELD: Anatomy of trees and forest
management

COMPETENCE: Anatomy (1); Entomology (3);
Forestry (1); Genetics (3); Pest Control (3);
Plant Ecology (3); Plant Pathology (3);
Physiology (2); Soil Science (3); Taxonomy (3)

EXPERIENCE (AS EMPLOYEE): Agriculture; Prov.
government; Canadian; Provincial

RESEARCH ACTIVITY ONE: Assessment of yellow birch
regeneration by treatment

RESEARCH ACTIVITY TWO: Effect of C.I.P. mill
closure on Ontario wood producers

RESEARCH ACTIVITY THREE: Effect of urea
fertilizer on black spruce regen.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation and Scientific
Group; International Organizations; U.S.
Federal Government; Other Governments (1096)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Watershed, forest, range; Water supply; Water
quality control; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3,M);
Canada, eastern (1,M); Canada, western (1);
Canada, northern (3,M)

AVAILABILITY (DAYS PER MONTH): A, 15; S, 15;
Subject to Ministry approval

<12>

Bewley, Derek J., 1943, PhD, 1968, Plant
Physiology, 403-284-6823
Department of Biology; University of Calgary;
Calgary, Alberta T2N1N4, Canada

PRINCIPAL FIELD: Plant biochemistry, plant
physiology, plant growth and development

COMPETENCE: Agricultural Science (3); Anatomy,
(Plant) (3); Biochemistry (1); Genetics (3);
Plant Ecology (3); Physiology, (Plant) (1)

RESEARCH ACTIVITY ONE: Biochemical ecology of
lower plants

RESEARCH ACTIVITY TWO: Seed dormancy and
germination

RESEARCH ACTIVITY THREE: Role of initiation
factors in protein synthesis

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments; European,
eastern (406)

IMPACT ASSESSMENT EXPERIENCE: Arctic Management*

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic (2,M); Canada, western (2,M); Arctic (M)

AVAILABILITY (DAYS PER MONTH): A, 10; S, 20

<13>

Pillings, William H., 1927, BS, 1951, Soil
Conservation, 503-752-4211
Soil Conservation USDA

PRINCIPAL FIELD: Use of plants general
conservation uses

COMPETENCE: Agronomy (1); Agricultural Science (3);
Animal Ecology (3); Animal Husbandry (3);
Aquatic Ecology (3); Forestry (3); Genetics (3);
Horticulture (3); Linnology (3); Plant
Ecology (3); Range Science (3); Soil
Science (3); Taxonomy (3)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

EXPERIENCE (AS CONSULTANT): COE

RESEARCH ACTIVITY ONE: Mine revegetation

RESEARCH ACTIVITY TWO: Sand dune stab.

RESEARCH ACTIVITY THREE: Shoreline reveg.

INTEREST IN WORKING WITH: Agriculture; Civic
action group; Conservation group;
Professional society; The Institute of
ecology (TIE); The Nat'l Academy of Sciences
INRC; International Organizations; COE; Other
Governments (471)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Soil erosion; Tailings, spoils
disposal; Channelization; Dredging, filling;
Beach nourishment; Reservoirs/Dams;
Levees/dikes; Shoreline protection; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (6); North Central (15)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<14>
Bliss, Lawrence C., 1929, PhD, 1956, Plant Ecology, 403-432-4026
Dept. of Botany; University Alberta;
Edmonton, Alberta, Canada

PRINCIPAL FIELD: Arctic and alpine plant ecology and arctic ecosystem and, perturbation studies

COMPETENCE: Environmental Pollution(1); Plant Ecology(1); Physiology(2)

EXPERIENCE (AS CONSULTANT): Mining; Canadian

RESEARCH ACTIVITY ONE: Arctic environmental management Panarctic oils

RESEARCH ACTIVITY TWO: Arctic environmental management survey

RESEARCH ACTIVITY THREE: Environmental protection board

INTEREST IN WORKING WITH: Mining; Transportation; Utility; Professional society; The Institute of Ecology (TIE); The National Academy of Sciences; International Organizations; COF; EPA; NSF; OST; Canadian (3457)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Parks, recreational facilities; Reservoirs/Dams; Watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Rocky Mountain(1); North Central(9,M); Northeast(2,M); Middle Atlantic(3); Canada, western(5,M); Canada, northern(M); New Zealand(1)

AVAILABILITY (DAYS PER MONTH): A, 2-4; S, 5

<15>
Boughton, Glenn P., 1931, MS, 1956, Plant Breeding, 306-586-4998
Agronomist; Canada Agriculture; Regina Research Station; Box 440; Regina, Saskatchewan, Canada

PRINCIPAL FIELD: Seed Purification & Increase of Cereals and Oil Seeds, includes Winter Increase in California

COMPETENCE: Agronomy(1); Agricultural Science(3); Genetics(3); Pest Control(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; State government; Professional society; Canadian

RESEARCH ACTIVITY ONE: Seed increase - new varieties - winter in California

RESEARCH ACTIVITY TWO: Variety verification of pedigreed seed stocks

INTEREST IN WORKING WITH: Agriculture; Construction; Conservation group; World Bank; USDA; COE; EPA (957)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1); Canada, western(17)

<16>
Boyd, John C., 1940, PhD, 1973, Fishery Biology, 021-23-3141
Lab D'Hydrobiologie; Fed. Inst. Water Resources (Zurich) EAWAG; Rue Cesar-Loux 37; Lausanne; Vaud 1005, Switzerland

PRINCIPAL FIELD: Aquatic ecology (animal) of waters fertilized by human wastes

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS EMPLOYEE): State government; IUCV; AEC; NSF; European, western

EXPERIENCE (AS CONSULTANT): Local or regional planning group; Civic action group; Conservation group; IUCN

RESEARCH ACTIVITY ONE: Ecology of perch of Lac Lemay

RESEARCH ACTIVITY TWO: Internal temperatures Antarctic penguins

RESEARCH ACTIVITY THREE: Arthropod ecology Cape Horn Islands

INTEREST IN WORKING WITH: Private Sector; Local Government; conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1582)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Water Resource Development (GENU); Watershed, forest, range; Water quality control; Lake Eutrophy

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(8); Alaska(0.25); Europe, western(4,M); South America(0.5); Antarctic(1,M)

AVAILABILITY (DAYS PER MONTH): A, 10; S, 30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<17>
 Braveman, Norman S., 1941, PhD, 1971, Psychology,
 709-753-1200
 Psychology; Memorial University of
 Newfoundland; Elizabeth Ave.; St. John's;
 Newfoundland, CA

PRINCIPAL FIELD: The study of sensory development
 and learning processes in adult forms

COMPETENCE: Animal Behavior(1); Biostatistics(3);
 Genetics(2); Animal Sensory Capacities(1);
 Animal Learning(1)

EXPERIENCE (AS CONSULTANT): State government;
 Conservation group

RESEARCH ACTIVITY ONE: Discrimination learning in
 rats and guinea pigs

RESEARCH ACTIVITY TWO: Barpressing in guinea pigs
 and rats

RESEARCH ACTIVITY THREE: Bait-shyness in guinea
 pigs

INTEREST IN WORKING WITH: Agriculture;
 Transportation; Local or regional planning
 group; Civic action group; Conservation
 group; The Institute of Ecology(TIE); The
 Nat'l Academy of Sciences; United Nations;
 USDA; COE; HEW; NSF; DOT; Canadian (1732)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
 facilities; Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(4); North Central(2); Canada,
 eastern(4)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<18>
 Butt, Billy A., BS, 1953, Entomology
 Division of Research Laboratories;
 International Atomic Energy Agency; Karntner
 Ring 11 P.O. 645; Vienna A-1011, Austria

PRINCIPAL FIELD: Non-chemical methods of insect
 control, sterile male technique and attractant

COMPETENCE: Agricultural Science(2);
 Entomology(1); Pest Control(3)

EXPERIENCE (AS EMPLOYEE): United Nations; USDA;
 European, western

EXPERIENCE (AS CONSULTANT): United Nations;
 Canadian

RESEARCH ACTIVITY ONE: In charge of research lab.
 entomology

RESEARCH ACTIVITY TWO: In charge of entomology
 research lab.

RESEARCH ACTIVITY THREE: Entomology expert Hungary

INTEREST IN WORKING WITH: Agriculture;
 Professional society; The Institute of
 Ecology(TIE); The Nat'l Academy of Sciences;
 International Organizations; U.S. Federal
 Government; USDA; Other Governments (1554)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(9,M); Southwest(7,M); Middle
 Atlantic(3); Europe, eastern(0.25); Europe,
 western(0.5)

AVAILABILITY (DAYS PER MONTH): A,?; S,2

<19>
 Canzonier, Walter J., BS, 1957, Biology
 Stazione Idrobiologica, C.P. 101; 3015
 Chioggia (VE), Venezia, Italy

PRINCIPAL FIELD: Biology of commercial bivalve
 molluscs

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): European, western

EXPERIENCE (AS CONSULTANT): Construction;
 Manufacturing; Utility; County or city
 government; State government; Civic action
 group; COE; HEW; USDI; Asian

RESEARCH ACTIVITY ONE: Various aspects of
 parasitic diseases in oyster populations

RESEARCH ACTIVITY TWO: Bacterial and viral
 contamination of bivalve shellfish

RESEARCH ACTIVITY THREE: Consulting on design and
 construction of shellfish depuration plant

INTEREST IN WORKING WITH: Agriculture;
 Construction; Manufacturing; Utility; Local
 Government; Professional society; The
 Institute of Ecology(TIE); The National
 Academy of Sciences; United Nations; World
 Bank; IUCN; USDA; AEC; USDC; CC; COE; EPA;
 HEW; HUD; USDI; NSF; OST; Other Governments
 (3491)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development(genl); Channelization; Dredging,
 filling; Reservoirs/Dams; Canals/Channels;
 Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(11);
 Asia(less than 1); Europe, western(2)

AVAILABILITY (DAYS PER MONTH): A,6; S,6

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<20>
Castellano, Fliseo, 1943, BSc, 1968, Biology
Biology; Universidad De Los Andes, Merida,
Merida, VF
PRINCIPAL FIELD: Production Ecology
COMPETENCE: Aquatic Ecology(2); Plant Ecology(1);
Systematics(2)
EXPERIENCE (AS EMPLOYEE): Local or regional
planning group; South American
EXPERIENCE (AS CONSULTANT): Local or regional
planning; South American
RESEARCH ACTIVITY ONE: Ecological Survey Tropical
Mountains
INTEREST IN WORKING WITH: Private Sector; Local
Government; Professional Society; The
Institute of Ecology (TIE); The Nat'l Academy
of Sciences INRC; International
Organizations; U.S. Federal Government; Other
Governments (3978)
GEOGRAPHIC FAMILIARITY (YEARS): Europe,
western(1); South America(3,M)
AVAILABILITY (DAYS PER MONTH): A,25; S,25

<21>
Chevalier, John R., 1947, MS, 1971, Fisheries,
R07-223-2341
Ministry of Natural Resources; Box 640;
Orvden, Ontario, Canada
PRINCIPAL FIELD: Fishery Population Parameters
and Community Relationships
COMPETENCE: Agronomy(3); Anatomy(3); Animal
Ecology(3); Aquatic Ecology(2);
Biostatistics(2); Entomology(3); Fishery
Biology(1); Environmental Pollution(3);
Limnology(3); Ornithology(3); Wildlife
Management(3)
EXPERIENCE (AS EMPLOYEE): Canadian
EXPERIENCE (AS CONSULTANT): Manufacturing;
Canadian
RESEARCH ACTIVITY ONE: Fisheries biologist
RESEARCH ACTIVITY TWO: Aquatic biologist
INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (752)
GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Northeast(2); Canada, western(1,M)
AVAILABILITY (DAYS PER MONTH): A,1; S,1

<22>
Choi, Chung-Il, 1940, MS, 1970, Oceanography,
902-424-3558
Institute of Oceanography; Dalhousie
University; Oxford St.; Halifax, Nova Scotia,
Canada
PRINCIPAL FIELD: Phytoplankton production and
non-living organic matter dynamics
COMPETENCE: Respondent lists 16 or more
scientific fields
EXPERIENCE (AS EMPLOYEE): Canadian
RESEARCH ACTIVITY ONE: Non-living organic matter
dynamics in deep ocean
RESEARCH ACTIVITY TWO: Ecological studies of
inshore waters of Atlantic Canada
RESEARCH ACTIVITY THREE: Phytoplankton production
and extra-cellular release
INTEREST IN WORKING WITH: International
Organizations; U.S. Federal Government; Other
Governments (882)
GEOGRAPHIC FAMILIARITY (YEARS): Asia(1); Canada,
eastern(5,M)

<23>
Chorney, Peter, Jr., 1946, BS, 1972, Fisheries
US Peace Corps; Philippines Fisheries
Commission; Lucap Alaminos, Philippines
PRINCIPAL FIELD: Culture of Fish in Brackish and
Freshwater Ponds
COMPETENCE: Aquatic Ecology(3); Fishery Biology(2)
EXPERIENCE (AS EMPLOYEE): Asian; Peace Corps
EXPERIENCE (AS CONSULTANT): Asian
RESEARCH ACTIVITY ONE: Improved method of
milkfish culture
INTEREST IN WORKING WITH: Private Sector; State
government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments; Asian (3512)
IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation
GEOGRAPHIC FAMILIARITY (YEARS): Asia(0.5,M)

<24>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<24>

Chowdhry, Inayat D., 1928, MS, 1969,
Forestry-996-8567
Planning and Development; Forest Service; 2
Sanda Road; Lahore; West Pakistan, Pakistan

PRINCIPAL FIELD: Planning and evaluation of
resource development with least environment
pollution

COMPETENCE: Agricultural Science (2); Animal
Behavior (2); Animal Ecology (2); Forestry (1);
Environmental Pollution (2); Wildlife
Management (1)

EXPERIENCE (AS EMPLOYEE): Conservation group;
United Nations; World Bank; IUCN; USDA; COE;
EPA; USDI; NSP; AID; Asian; African;
Canadian; European, eastern; European,
western; South American

EXPERIENCE (AS CONSULTANT): United Nations; World
Bank; IUCN; USDA; COE; EPA; USDI; NSF; AID;
Asian; African; Canadian; European, eastern;
European, western; South American

RESEARCH ACTIVITY ONE: Wild boar in West Pakistan

RESEARCH ACTIVITY TWO: Pesticides and production
problems

RESEARCH ACTIVITY THREE: Development and
environment conservation

INTEREST IN WORKING WITH: Conservation group;
International Organizations; U.S. Federal
Government; Other Governments (1746)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Parks, recreational facilities;
Pesticides, herbicides; Soil erosion;
Watershed, forest, range; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States;
Asia; Europe, eastern

AVAILABILITY (DAYS PER MONTH): A,20; S,0

<25>

Christie, Bertram R., 1933, PhD, 1959, Plant
Breeding, 519-A24-4120
Crop Science; University of Guelph; Guelph;
Ontario N7G 2W1, Canada

PRINCIPAL FIELD: Breeding perennial forage species

COMPETENCE: Agronomy (3); Anatomy (3);
Biostatistics (2); Genetics (1)

EXPERIENCE (AS CONSULTANT): Agriculture; State
government; Professional society; Canadian

RESEARCH ACTIVITY ONE: Development of hybrids in
forage crops

RESEARCH ACTIVITY TWO: Evaluation of breeding for
crop quality

RESEARCH ACTIVITY THREE: Development of
commercial plant breeding

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organization; U.S. Federal
Government; Other Governments (3565)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): North Central (3);
Canada, eastern (13,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<26>

Clark, William C., 1948, BA, 1971, Ecology,
604-228-2368
University British Columbia; Inst. Resource
Ecology; Vancouver 8, CA

PRINCIPAL FIELD: Modeling, analysis of ecosystem
processes for use by planners, policy makers

COMPETENCE: Animal Ecology (3); Aquatic
Ecology (3); Population Biology (3); Soil
Science (2); Systems Analysis (1); Water
Resources Management (2)

EXPERIENCE (AS EMPLOYEE): COE; USDI; Fed:GSA

EXPERIENCE (AS CONSULTANT): County or city
government; COE; Fed:GSA

RESEARCH ACTIVITY ONE: Systems resilience in
water resource planning

RESEARCH ACTIVITY TWO: Review of
resource/environment training progress

RESEARCH ACTIVITY THREE: Information flow in New
York City's EPA

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (588)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Water Resource Development (genl)

GEOGRAPHIC FAMILIARITY (YEARS): Canada, western (2)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><27> Moon, Gerald M., 1939, PhD, 1970, Agronomy, 403-432-5670 Research Scientist; Soil Research Institute; Canada Dept. Agriculture; Soil Survey; University of Alberta; Edmonton, T6G 2P1, Alberta, Canada</p> <p>PRINCIPAL FIELD: Soil genesis, classification, survey</p> <p>COMPETENCE: Agronomy (2); Agricultural Science (3); Soil Science (1)</p> <p>EXPERIENCE (AS EMPLOYEE): State government; Canadian</p> <p>EXPERIENCE (AS CONSULTANT): County or city government</p> <p>RESEARCH ACTIVITY ONE: Soil and land classification of Waterton Lakes National Park</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (890)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (4); Canada, western (5,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A, 2; S, 2</p>	<p><29> Colby, Peter J., 1933, PhD, 1966, Fisheries Biology, 907-767-1912 Fish & Wildlife Research; Ministry of Natural Resources; Box 89; Thunder Bay P; Ontario, Canada</p> <p>PRINCIPAL FIELD: Response of fish and fish communities to environmental stress</p> <p>COMPETENCE: Aquatic Ecology (1); Fishery Biology (3); Environmental Pollution (2)</p> <p>EXPERIENCE (AS EMPLOYEE): AEC; EPA</p> <p>RESEARCH ACTIVITY ONE: Response of alewives to environmental stress</p> <p>RESEARCH ACTIVITY TWO: Effect of temperature of survival and development of Cisco</p> <p>RESEARCH ACTIVITY THREE: Survival of walleye on wood fiber sludge deposits</p> <p>INTEREST IN WORKING WITH: Utility; Local or regional planning group; The Institute of Ecology (TIP); The Nat'l Academy of Sciences INRC; United Nations; U.S. Federal Government; Canadian; European, western (33)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central (17,M); Canada, eastern (1.5)</p> <p>AVAILABILITY (DAYS PER MONTH): A, 2; S, 2</p>
<p><28> Colby, Peter J., 1933, PhD, 1966, Fisheries Biology, 907-767-3912 Fish & Wildlife Research; Ministry of Natural Resources; Box 89; Thunder Bay P, Ontario, Canada</p> <p>PRINCIPAL FIELD: Response of fish and fish communities to environmental stress</p> <p>COMPETENCE: Aquatic Ecology (1); Fishery Biology (3); Environmental Pollution (2); Limnology (1); Physiology (1); Population Biology (1); Reproductive Biology (1)</p> <p>EXPERIENCE (AS EMPLOYEE): Environmental Protection Agency</p> <p>RESEARCH ACTIVITY ONE: Response of alewives to environmental stress</p> <p>RESEARCH ACTIVITY TWO: Effect of temperature on survival and development of cisco</p> <p>RESEARCH ACTIVITY THREE: Survival of walleye on wood fiber sludge deposits</p> <p>INTEREST IN WORKING WITH: Utility; State government; The Institute of Ecology (TIP); The National Academy of Sciences; United Nations; University of Michigan; U.S. Federal Government; Canadian; European, western (403)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central (17,M); Canada, eastern (1.5)</p> <p>AVAILABILITY (DAYS PER MONTH): A, 2; S, 2</p>	

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<30>
 Coleman, Derek J., 1944, PhD, 1973, Planning,
 519-744-2401
 General Manager; Ecologistics Limited; RR4;
 Kitchener, Ontario N2G3K7, Canada

PRINCIPAL FIELD: The application of ecological
 principles to regional and resource planning

COMPETENCE: Agricultural Science(3); Forestry(1);
 Plant Ecology(3); Soil Science(3); Water
 Resources Management(3); Wildlife
 Management(3)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): Construction;
 Transportation; County or city government;
 Local or regional planning group; State
 government; Civic action group; Canadian

RESEARCH ACTIVITY ONE: Economics of rural land use

RESEARCH ACTIVITY TWO: Ecological analysis of
 Waterloo County

RESEARCH ACTIVITY THREE: Ecological approach to
 regional planning

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Canadian; European, eastern;
 European, western (4/8)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Forestry; Highways; Parks, recreational
 facilities; Soil erosion; Water Resource
 Development(4/11); Watershed, forest, range;
 Fish & Wildlife conservation; Urban
 Development

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
 eastern(6, 4)

AVAILABILITY (DAYS PER MONTH): A, 30

<31>
 Cyr, Andre, 1948, BS, 1972, Biology, 514-734-5994
 Biology Department; University of Montreal;
 38 Sunset Avenue; Montreal 257, Quebec, Canada

PRINCIPAL FIELD: Bird Population Studies in
 Forests New Montreal International Airport
 Area

COMPETENCE: Anatomy(3); Animal Behavior(3);
 Animal Ecology(3); Biostatistics(3); Fishery
 Biology(2); Ornithology(1); Plant Ecology(3);
 Population Biology(2); Systematics(3);
 Taxonomy(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Canadian

RESEARCH ACTIVITY ONE: Ecology Birds Airport
 Montreal

RESEARCH ACTIVITY TWO: Migration Flyway of Shore
 Birds Eastern-Quebec

RESEARCH ACTIVITY THREE: North America Breeding
 Bird Survey

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (2/5)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
 eastern(1, 4)

AVAILABILITY (DAYS PER MONTH): A, 5

<32>
 Czuba, Margaret A., 1947, MSc, 1972,
 Botany-Pollution
 Dept. of Botany; Toronto; Ontario, US

PRINCIPAL FIELD: Plant physiology and soil
 studies especially heavy metal and other
 environmental pollution

COMPETENCE: Agronomy(2); Agricultural Science(2);
 Environmental Pollution(1); Horticulture(2);
 Plant Ecology(1); Physiology(2); Soil
 Science(2)

RESEARCH ACTIVITY ONE: Interactions of
 environmental pollutants in plants

RESEARCH ACTIVITY TWO: Heavy metal studies in
 plants and soils

RESEARCH ACTIVITY THREE: Cytological studies of
 floral primordia

INTEREST IN WORKING WITH: Agriculture; Mining;
 Local Government; Conservation group;
 Professional society; The Institute of
 Ecology(TIER); The Nat'l Academy of Sciences;
 United Nations; USDA; ARC; COE; DOD; EPA;
 HEW; NSF; OST; Asian; African; Canadian;
 European, eastern; European, western (23/4)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Irrigation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
 eastern(3, 4)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <33>
Das, Asim F., 1932, PhD, 1972, Fish & Fisheries
Senior Lecturer in Zoology; M.B.B. College
Agartala, Agartala, Tripura (II,
Tripura, India
- PRINCIPAL FIELD: Histo-morphology &
histo-chemistry of the digestive organs of
teleostean fishes
- COMPETENCE: Animal Ecology (1); Biochemistry (2);
Fishery Biology (1); Nutrition (3)
- RESEARCH ACTIVITY ONE: Studies on the digestive
system of a CHACA CHACA
- RESEARCH ACTIVITY TWO: Studies on the digestive
organs of OMPOK PIMACULATUS
- RESEARCH ACTIVITY THREE: Histo-morphology and
cytology of the pancreas of some teleostean
fishes
- INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (543)
- IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation
- GEOGRAPHIC FAMILIARITY (YEARS): Asia
- AVAILABILITY (DAYS PER MONTH): A, 12; S, 30
- <34>
Dasmann, Raymond F., 1919, PhD, 1954, Zoology,
021-715413
Research - Planning; IUCN; 1110 Morges
Switzerland
- PRINCIPAL FIELD: Analysis of mammal behavioral-
ecology in relation to habitat
- COMPETENCE: Respondent lists 16 or more
scientific fields
- EXPERIENCE (AS EMPLOYEE): Conservation group; IUCN
- EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Civic action group;
Conservation group; Professional society; The
Natl Academy of Sciences INRC; United Bank;
OSDI
- INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; TIE; The Natl Academy
of Sciences INRC; International
Organizations; U.S. Federal Government; Other
Government (2449)
- IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Dredging, filling;
Canals/Channels; Watershed, forest, range;
Fish & Wildlife conservation
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (13); Middle Atlantic (3); Southeast (1);
Africa (2); Europe, western (3)
- AVAILABILITY (DAYS PER MONTH): A, 7; S, 7
- <35>
Davies, Gordon S., 1933, PhD, Ecology,
519-886-1211, Ext. 3266
Man-Environment Studies; University of
Waterloo; Faculty Env. Studies; Waterloo,
Ontario, Canada
- COMPETENCE: Animal Ecology (1); Aquatic
Ecology (1); Fishery Biology (2); Forestry (2);
Environmental Pollution (2); Limnology (2);
Marine, Biology (1); Population Biology (2);
Systems Analysis (2); Water Resources
Management (1); Wildlife Management (2)
- EXPERIENCE (AS CONSULTANT): Construction; State
government; Conservation group; Canadian;
European, western
- RESEARCH ACTIVITY ONE: An approach to
environmental impact assessment
- RESEARCH ACTIVITY TWO: Industrial impact on
coastal zone environment
- RESEARCH ACTIVITY THREE: Environmental impact
management workshops
- INTEREST IN WORKING WITH: Utility; State
government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3782)
- IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Forestry; Water
Resource Development (Genl)
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (4, M); Africa (2); Canada, eastern (7, M);
Canada, western (3, M)
- AVAILABILITY (DAYS PER MONTH): A, 6; S, 22 (5
months summer)

<36>

TABLE 1 RESPONDENTS
(ALPHABETICAL LISTING)

<36>

Davis, Stuart G., 1938, MS, 1968, Marine biology
Edmon Inc.; R. Marques De Olina 18; Rio De
Janeiro, Brazil

PRINCIPAL FIELD: Fisheries management both
economic and biological

COMPETENCE: Animal Ecology(2); Fishery
Biology(2); Coastal Zone Management(2);
Marine Biology(1); Oceanography(2);
Population Biology(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; Fisheries; South American

RESEARCH ACTIVITY ONE: Fisheries management
consultant - sardines

RESEARCH ACTIVITY TWO: Coastal zone management
for California & sea grant

RESEARCH ACTIVITY THREE: Commercial fisheries -
food of commercial fish

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Transportation;
Utility; Fisheries; Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (352)

IMPACT ASSESSMENT EXPERIENCE: Fish resource
management

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(8); Asia(1); South America(1)

<37>

Desgranges, Jean-Luc, 1949, MSc, 1974, Ecology of
Birds, 403-433-4508
Department of Zoology; University of Alberta;
Edmonton, Alberta, Canada

PRINCIPAL FIELD: Population ecology of birds in
relation with plant succession

COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Ornithology(1); Plant Ecology(3);
Population Biology(2); Taxonomy(3); Wildlife
Management(3)

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Canadian

RESEARCH ACTIVITY ONE: Population study of birds
of La Mauricie National Park, Quebec

RESEARCH ACTIVITY TWO: Birds of Forillon National
Park, Quebec

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2324)

IMPACT ASSESSMENT EXPERIENCE: Airports; Parks,
recreational facilities

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(0.5,M); Canada, western(1)

AVAILABILITY (DAYS PER MONTH): A,?, S,31

<38>

Dorney, Robert S., 1928, PhD, 1959, 519-74R-6629
Ecoplans Ltd.; 124 Amos Ave.; Waterloo,
Ontario, Canada

PRINCIPAL FIELD: Systems ecology related to urban
and urbanizing regions

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(2); Forestry(3); Environmental
Pollution(2); Immunology(2); Ornithology(2);
Parasitology(1); Plant Ecology(3); Population
Biology(2); Systems Analysis(1); Taxonomy(1);
Veterinary Science(2); Water Resources
Management(3); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): OAS; Central American;
South American

EXPERIENCE (AS CONSULTANT): Construction; Country
or city government; Local or regional
planning group; State government; Civic
action group; The Institute of Ecology(TIE);
Canadian

RESEARCH ACTIVITY ONE: Utica SUNY campus,,
ecology & design

RESEARCH ACTIVITY TWO: 406 Highway impact study

RESEARCH ACTIVITY THREE: Okwari County

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; County or city government; Local
or regional planning group; State government;
Civic action group; Conservation group;
Professional society; The Institute of
Ecology(TIE); The National Academy of
Sciences; International Organizations; United
Nations; World Bank; IUCN; OAS; U.S. Federal
Government; Central American; Canadian; South
American (1450)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(1); North Central(13,M); Canada,
eastern(5,M); South America(5)

AVAILABILITY (DAYS PER MONTH): A,?, S, 14

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><39> Douglas, George W., 1938, PhD, 1973, Plant Ecology, 403-432-5516 Dept. Botany; University Alberta; Edmonton, Alberta T6G 2E9, CA</p> <p>PRINCIPAL FIELD: Plant community ecology - structure, dynamics, composition; Taxonomy, methodology of</p> <p>COMPETENCE: Biochemistry(3); Biostatistics(3); Forestry(1); Plant Ecology(1); Soil Science(3); Systematics(3); Taxonomy(2)</p> <p>EXPERIENCE (AS CONSULTANT): State government; USDI</p> <p>RESEARCH ACTIVITY ONE: Revegetation of damaged areas, Cascade Pass, Wash.</p> <p>RESEARCH ACTIVITY TWO: Alpine-Subalpine Communities, Cascade Range, WA</p> <p>RESEARCH ACTIVITY THREE: Natural Research area survey</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; U.S. Federal Government; Canadian (539)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(5,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,20; S,20</p>	<p><41> Dunham, David W., 1938, PhD, 1964, Vertebrate Zoology, 416-487-0741 Zoology; University of Toronto; 25 Harbord Street; Toronto 5, Canada</p> <p>PRINCIPAL FIELD: Vertebrate social behavior and animal communication</p> <p>COMPETENCE: Animal Behavior(1); Aquatic Ecology(3); Biostatistics(3); Marine Biology(3); Ornithology(1)</p> <p>RESEARCH ACTIVITY ONE: Social stimuli and nest building in the zebra finch</p> <p>RESEARCH ACTIVITY TWO: Effects of Agonistic Displays in BARBUS STOLICKANUS</p> <p>RESEARCH ACTIVITY THREE: Parental behavior of COPRINA ARNOLDI</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (200)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M); Hawaii; Canada, eastern(6,M); Europe, western(2,M); South America</p> <p>AVAILABILITY (DAYS PER MONTH): A,1-4; S,1-30</p>
<p><40> Duffey, Robert P., 1936, MS, 1962, Microbiology, 416-259-2321 Microbiology Laboratory; G. H. Wood & Co., Ltd.; P.O. Box 34; Toronto, Ontario, Canada</p> <p>PRINCIPAL FIELD: Microbiology, environmental sanitation especially as related to hospital and industrial sanitation and food processing sanitation</p> <p>COMPETENCE: Respondent lists 16 or more scientific fields</p> <p>RESEARCH ACTIVITY ONE: Consultation to hospitals, food processing, food handling industries</p> <p>RESEARCH ACTIVITY TWO: Mastitis Control</p> <p>RESEARCH ACTIVITY THREE: Immunological</p> <p>INTEREST IN WORKING WITH: Private Sector; U.S. Federal Government; Other Governments (1449)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides; Water quality control; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(2); North Central(5); Canada, eastern(3)</p> <p>AVAILABILITY (DAYS PER MONTH): A,5; S,5</p>	<p><42> Eidt, Douglas C., 1928, PhD, 1955, Biology, 506-455-6621 Environment; Canadian Forestry Service; Fredericton, CA</p> <p>PRINCIPAL FIELD: Insect Taxonomy and Economics</p> <p>COMPETENCE: Agricultural Science(3); Anatomy(3); Animal Behavior(2); Animal Ecology(2); Aquatic Ecology(2); Entomology(1); Forestry(3); Environmental Pollution(3); Limnology(3); Pest Control(3); Physiology(3); Systematics(1); Taxonomy(1)</p> <p>EXPERIENCE (AS EMPLOYEE): United Nations; Canadian</p> <p>EXPERIENCE (AS CONSULTANT): Professional Society; African</p> <p>RESEARCH ACTIVITY ONE: Temperature and development of spruce budworm</p> <p>RESEARCH ACTIVITY TWO: Bionomics and taxonomy of web-spinning sawflies</p> <p>RESEARCH ACTIVITY THREE: Survey of insects in forest nurseries</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; Conservation group; Professional society; International Organizations; United Nations; U.S. Federal Government; Other Governments (1648)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Forestry; Pesticides, herbicides</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Africa(1.5); Canada, eastern(14.5,M); Canada, western(5)</p> <p>AVAILABILITY (DAYS PER MONTH): A,21; S,21</p>

<43>

TRIP 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<43>

Ellis, Derek V., 1930, PhD, 1957, Marine Ecology,
604-477-4366
Dept. of Biology; University of Victoria;
Victoria, British Columbia, Canada

PRINCIPAL FIELD: Marine Pollution Monitoring
Programs Mine, Industrial, Domestic

COMPETENCE: Ornithology; Water Resources
Management

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Manufacturing;
Mining; County or city government; Local or
regional planning group; State government;
Civic action group

RESEARCH ACTIVITY ONE: Victoria district trunk
sewers

RESEARCH ACTIVITY TWO: Utah Mines Ltd. marine
monitoring

RESEARCH ACTIVITY THREE: Crofton pulp mill marine
monitoring

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1393)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Water Resource Development (Gerl);
Water quality control; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western (14,M); Canada, northern (5); Europe,
western (1)

AVAILABILITY (DAYS PER MONTH): A, 10; S, 30

<44>

Falanruw, Marjorie V.C., 1943, MA, 1969, Biology
Dept. Health Serv. Staff Ecologist; U.S.
Trust Territory; Environmental Protection
Board; P O Box 215; Yap W. Caroline Is., US

PRINCIPAL FIELD: Ethnobiology of Micronesia

COMPETENCE: Plant Ecology (2); Taxonomy (2)

EXPERIENCE (AS EMPLOYEE): County or city
government; Local or regional planning group;
State government

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government

RESEARCH ACTIVITY ONE: Flora of the northern
Mariana Islands

RESEARCH ACTIVITY TWO: Herpetofauna of Guam

RESEARCH ACTIVITY THREE: Ethnobotany of Yap

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; U.S. Trust Terr. of the Pacific
Islands (3187)

GEOGRAPHIC FAMILIARITY (YEARS): Hawaii (1);
Micronesia (7,M)

<45>

Fall, Michael W., 1942, MA, 1966, Biology
AID Programs Podent Ctr.; USDI/USAID Denver
Wildlife Res. Ctr.; USAID/Philippines; APO
San Francisco 96528, Philippines

PRINCIPAL FIELD: Ecology and control of
vertebrate pests

COMPETENCE: Agricultural Science (3); Animal
Behavior (2); Animal Ecology (1);
Entomology (3); Pest Control (2); Plant
Ecology (3); Population Biology (2)

EXPERIENCE (AS EMPLOYEE): USDI; AID

INTEREST IN WORKING WITH: U.S. Federal Government
(332)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain (1); Northeast (7,M); Asia (2,M)

<46>

Fanning, Leonard M., 1946, BSc, 1970, Zoology,
604-731-1506
1175 Cypress St.; Vancouver; British
Columbia, Canada

PRINCIPAL FIELD: Effects of Heavy Metal
Contamination on Macrofauna

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Manufacturing;
Mining; Utility; County or city government;
Conservation group; Professional society;
EPA; Canadian

RESEARCH ACTIVITY ONE: FMC of Canada LTD
environmental study

RESEARCH ACTIVITY TWO: Biological & chemical
monitoring of mine wastes

RESEARCH ACTIVITY THREE: Environmental monitoring
of Tasu sound

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4076)

IMPACT ASSESSMENT EXPERIENCE: Soil erosion;
Tailings, spoils disposal; Dredging, filling;
Navigation; Water quality control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain (1); Canada, eastern (1,M); Canada,
western (3,M); Canada, northern (1,M)

AVAILABILITY (DAYS PER MONTH): A, 4; S, 2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<47>

Fischer, David W., 1937, PhD, 1968; Resources,
519-885-1211
Man-Environment Studies; University of
Waterloo; University Avenue; Waterloo,
Ontario, Canada

PRINCIPAL FIELD: Resource and environmental
planning and policy

COMPETENCE: Agricultural Science(3); Forestry(2);
Environmental Pollution(2); Systems
Analysis(2); Marine Biology(3); Water
Resources Management(1); Wildlife
Management(2)

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government;
Conservation group; OPCD; Canadian; European,
western

RESEARCH ACTIVITY ONE: Environmental aspects of
water management decisions

RESEARCH ACTIVITY TWO: Environmental impact
management workshops

RESEARCH ACTIVITY THREE: Industrial impact on
coastal zone environment

INTEREST IN WORKING WITH: Utility; State
government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3781)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Forestry; Parks, recreational
facilities; Water Resource Development(GENL)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Rocky Mountain(3,M); North
Central(2,M); Northeast(2,M); Southeast(3);
Canada, eastern(3,M); Europe, western(1,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,20 (5 month
summer)

<48>

Flourie, Eric J., 1942, PhD, 1971,
Oceanography-398-3616
Escuela-Superior-De-Ciencias-Marinas; P.O. Box
76; Ensenada, Baja Calif., Mexico

PRINCIPAL FIELD: Trace Element Chemistry of
Oceans & in Particular of Anoxic Systems

COMPETENCE: Oceanography(1)

INTEREST IN WORKING WITH: Agriculture;
Construction; Mining; The Institute of
Ecology (TIE); The Nat'l Academy of Sciences
INRC; International Organizations; DSDA; AEC;
COE (3997)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(10,M); Central America(M); Canada,
western(M); Mexico(3)

AVAILABILITY (DAYS PER MONTH): A,10

<49>

Poscolos, Anthony E., 1930, PhD, 1966, Clay
Mineralogy, 403-284-0110
Energy Mines & Resources; Geological Survey
of Canada; 3303 33 Street; Calgary; Alberta
T2L2A7, CA

PRINCIPAL FIELD: Research in clay mineralogy,
soil science and inorganic chemistry, x-ray
differential analysis chem. thermod.

COMPETENCE: Forestry(3); Soil Science(1);
Sediment Geology(2)

EXPERIENCE (AS EMPLOYEE): Canadian; Greece

RESEARCH ACTIVITY ONE: Analysis of silicates by
atom absorp spectroscopy

RESEARCH ACTIVITY TWO: Analysis of carbon and
sulphur in mineralogy and rocks

RESEARCH ACTIVITY THREE: Interchange reaction
rate of H+ on 2:1 clays

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; The Institute of Ecology(TIE);
The Nat'l Academy of Sciences; United
Nations; World Bank; DSDA; AEC; COE;
Canadian; Greece (1730)

IMPACT ASSESSMENT EXPERIENCE: Irrigation; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(6,M); Canada, eastern(1,M); Canada,
western(5,M); Greece(7,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<0>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<0>

Roster, Bristol, 1932, PhD, 1963, Ecology,
604-387-3570
Provincial Museum; Provincial Museum;
Victoria, British Columbia, Canada

PRINCIPAL FIELD: Adaptation of African Mammals to
environment; Particularly giraffe; also
insular problems

COMPETENCE: Animal Ecology(1); Ornithology(2);
Taxonomy(2); Wildlife Management(3);
Mammalogy(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; Mining;
State government

EXPERIENCE (AS CONSULTANT): Conservation group;
Professional society; United Nations; IUCN;
African; Canadian

RESEARCH ACTIVITY ONE: Directing graduate
students in wildlife ecology

RESEARCH ACTIVITY TWO: Ecology of East African
game, especially giraffe

RESEARCH ACTIVITY THREE: Danger of eagles to
aircraft at airports in B.C.

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Local Government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; Other Government (1640)

IMPACT ASSESSMENT EXPERIENCE: Airports; Forestry;
Park, recreational facilities; Watershed,
forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Africa(5,M);
Canada, eastern(2); Canada, western(4,M);
Canada, northern(1); Asia/Australia(1)

<1>

Fry, Frederick, EJ, 1908, PhD, 1930, Limnology,
416-928-3505
Zoology Dept.; University of Toronto;
Toronto, Ontario, Canada

PRINCIPAL FIELD: Autecology of fish

COMPETENCE: Animal Ecology(2); Fishery
Biology(1); Environmental Pollution(3);
Limnology(3); Physiology(3)

EXPERIENCE (AS EMPLOYEE): State government; The
Nat'l Academy of Sciences INBC; NSP; Canadian

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1608)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(1); Hawaii(2); Canada, eastern(37,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<2>

Gallup, Donald N., 1931, PhD, 1969, Limnology,
403-432-5406
Department of Biology; University of Alberta;
Edmonton; Alberta, Canada

PRINCIPAL FIELD: Distribution, ecology, taxonomy,
and secondary production of zooplankton
organisms

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Entomology(3); Fishery
Biology(3); Forestry(3); Environmental
Pollution(2); Limnology(1); Population
Biology(3); Taxonomy(3); Water Resources
Management(2); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Utility; Provincial
government; Conservation group; EPA; Canadian

RESEARCH ACTIVITY ONE: Effect of thermal effluent
of biota

RESEARCH ACTIVITY TWO: Heated effluent at high
latitudes

RESEARCH ACTIVITY THREE: Inventory of Alberta
Lakes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1343)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(6);
Canada, western(4,M)

<3>

Goodwin, Harry A., 1915, MS, 1942, Zoology
Research and Planning; International Union
for Conservation of Nature; Rue des Uttings
28; Morges 1110, Switzerland

PRINCIPAL FIELD: Integrating Nature Protection
with the Development and Use of Land and Water

COMPETENCE: Fishery Biology(1); Forestry(3);
Limnology(2); Ornithology(3); Taxonomy(1);
Water Resources Management(1); Wildlife
Management(3)

EXPERIENCE (AS EMPLOYEE): IUCN; USDI

EXPERIENCE (AS CONSULTANT): IUCN; OST; Asian;
European, eastern

INTEREST IN WORKING WITH: IUCN; U.S. Federal
Government; USDI; OST; Other Governments
(2384)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Reservoirs/Dams; Reservoir
releases; Hydroelectric power; Navigation;
Flood control; Irrigation; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(6); Rocky Mountain(7,M);
Northeast(8,M); Middle Atlantic(9);
Alaska(3); Europe, western(2)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<54>

Goving, Donald P., 1919, PhD, 1952, Plant Physiology
Agr. Research; Hawaiian Agronomics Co. Intl.;
P.O. ex 1769; Teheran, Iran

PRINCIPAL FIELD: Crop Production and Experimental Morphogenesis

COMPETENCE: Agronomy(3); Agricultural Science(3); Horticulture(2); Pest Control(3); Physiology(1)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): Asian

RESEARCH ACTIVITY ONE: Physiologist

RESEARCH ACTIVITY TWO: Director of Research

RESEARCH ACTIVITY THREE: Director of Research

INTEREST IN WORKING WITH: Agriculture; U.S. Federal Government; Other Governments (300)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3); Hawaii(13,M); Asia(7,M)

<55>

Graf, Donald F., 1947, MS, 1971, Water Biology Government of American Samoa; Governors Office; Pago Pago; American Samoa 96799, US

PRINCIPAL FIELD: Cultural effects on aquatic ecology

COMPETENCE: Animal Ecology(3); Aquatic Ecology(1); Fishery Biology(?); Environmental Pollution(1); Genetics(3); Limnology(1); Marine Biology(2); Oceanography(3); Population Biology(3); Water Resources Management(3)

RESEARCH ACTIVITY ONE: Effects of atmospheric nuclear tests on Samoa

RESEARCH ACTIVITY TWO: Effects of zooplankton on phytoplankton specie

RESEARCH ACTIVITY THREE: Measuring tuna cannery effluent by photography

INTEREST IN WORKING WITH: Transportation; Utility; Local Government; Conservation or Scientific Group; United Nations; IUCN; CC; COE; DOD; FPA; HUD; USDI; NSF; OST; AID; DOT; Other Governments (820)

IMPACT ASSESSMENT EXPERIENCE: Highways; Parks, recreational facilities; Soil erosion; Tailings, spoils disposal; Channelization; Dredging, filling; Beach nourishment; Reservoirs/Dams; Levees/dikes; Water quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2,M); Pacific Islands(1,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,8

<56>

Haines, Kenneth C., 1940, PhD, 1972, Pottery, 809-772-3588
Marine Biology; Lamont-Doherty Geological Observatory; Kings Hill c/o General Delivery, San Croix 00850, US

PRINCIPAL FIELD: Phytoplankton Ecology; Algal mass cultures mariculture

COMPETENCE: Animal Ecology(3); Aquatic Ecology(1); Bacteriology(3); Fishery Biology(2); Environmental Pollution(3); Limnology(3); Marine Biology(1); Oceanography(3); Plant Ecology(2)

EXPERIENCE (AS EMPLOYEE): AEC; NSF

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Advice on permanency of dredging operation in reef lagoon, St. Croix

RESEARCH ACTIVITY TWO: Advice on methods for keeping seawater intake screen clean

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (692)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils disposal; Water Resource Development(Genl); Dredging, filling; Beach nourishment

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3); Middle Atlantic(4); US Virgin Islands(?)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<57>

Hancock, David A., 1938, BS, 1963, Zoology, 604-652-1502
Wildlife conservation centre; 321st Island View Road; Saanichton, British Columbia, Canada

PRINCIPAL FIELD: Wildlife ecology with reference to interpretation of conservation values to public

COMPETENCE: Animal Behavior(2); Animal Ecology(1); Animal Husbandry(1); Anthropology(2); Environmental Pollution(2); Marine Biology(3); Ornithology(1); Plant Ecology(3); Population Biology(2); Veterinary Science(3); Wildlife Management(1)

EXPERIENCE (AS CONSULTANT): Manufacturing; Transportation; Local or regional planning group; State government; Conservation group

RESEARCH ACTIVITY ONE: Arctic ecology

RESEARCH ACTIVITY TWO: Ecology of Sea Bird Island

RESEARCH ACTIVITY THREE: Ecology of the bald eagle

INTEREST IN WORKING WITH: Private sector; Local government; Conservation or scientific group; International organizations; U.S. federal government; Other governments (1814)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(.25,M); Rocky Mountain(.5); Hawaii(.16); Alaska(.5,M); Asia(16); Canada, western(8,M); Canada, northern(.5); Europe, western(16); NS/Australia(1)

AVAILABILITY (DAYS PER MONTH): C,30; A,30; 365

<58>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<58>

Hasse, John J., 1949, MS, 1972, Zoology
Mariculture Center; Marine Resources
Laboratory; Box 1000; Koror, Palau 96940, W.
Caroline Is.

PRINCIPAL FIELD: Fish behavior and taxonomy are
the fields of greatest competence

COMPETENCE: Animal Behavior(2); Aquatic
Ecology(1); Fishery Biology(3); Environmental
Pollution(2); Systematics(2); Taxonomy(3);
Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): State government;
Conservation group; Micronesia

EXPERIENCE (AS CONSULTANT): State government;
Conservation group; Micronesia

RESEARCH ACTIVITY ONE: Some behavior differences
of sympatric cichlids

RESEARCH ACTIVITY TWO: Taxonomy of THORICHTHYS
from British Honduras

RESEARCH ACTIVITY THREE: Sigamid culture
techniques in the So. Pacific

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2038)

IMPACT ASSESSMENT EXPERIENCE: Canals/Channels;
Water quality control; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Central
America(1,M); So. Pacific(1,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<59>

Haynes, Robert C., 1938, PhD, 1971,
Zoology/Limnology, 306-343-5980
Biology Department; University of
Saskatchewan; Saskatoon; Saskatchewan S7N0W0,
Canada

PRINCIPAL FIELD: Eutrophication, phytoplankton
ecology, primary production, artificial
circulation of lakes

COMPETENCE: Aquatic Ecology(2); Environmental
Pollution(3); Limnology(1)

EXPERIENCE (AS EMPLOYEE): Local or regional
planning group; Canadian

EXPERIENCE (AS CONSULTANT): Canadian

RESEARCH ACTIVITY ONE: Artificial circulation of
a small eutrophic lake

RESEARCH ACTIVITY TWO: Primary production of
saline lakes

RESEARCH ACTIVITY THREE: Trophic status of some
New Hampshire Lakes

INTEREST IN WORKING WITH: Local Government;
Conservation group; Professional society; The
Institute of Ecology(TIE); The Nat'l Academy
of Sciences; United Nations; AEC; CC; COE;
EPA; USDI; NSF; OST; Other Governments (1567)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Water quality control;
Artificial circulation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,M);
Canada, western(1,M)

<60>

Heinsohn, George E., 1933, PhD, 1964, Zoology,
79-3711
Zoology; James Cook University of North
Queensland; P.O. Box 999; Townsville;
Queensland, Australia

PRINCIPAL FIELD: Mammal ecology and behavior

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Aquatic Ecology(3); Marine
Biology(2); Ornithology(3); Wildlife
Management(2)

EXPERIENCE (AS CONSULTANT): County or city
government; Civic action group; Conservation
group

RESEARCH ACTIVITY ONE: Ecology of marsupials,
Western Australia

RESEARCH ACTIVITY TWO: Ecology of Savannah
woodland marsupials, North Queensland

RESEARCH ACTIVITY THREE: Ecology and conservation
of the Dugong

INTEREST IN WORKING WITH: Private Sector; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group; Professional
Society; The Institute of Ecology(TIE); The
Nat'l Academy of Sciences; International
Organizations; U.S. Federal Government;
Asian; Australia (2523)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(7,M); Australia(10,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<61>

Hettinger, Loren R., 1941, MS, 1969, Plant Ecology, 403-265-8500
Northern Engineering Services, Ltd.; 6th Ave.
6th St.; Alpine Bldg.; Calgary, Alberta,
Canada

PRINCIPAL FIELD: Analysis of plant community relationships and correlation of associated environmental factors.

COMPETENCE: Animal Behavior(3); Aquatic Ecology(3); Biostatistics(3); Forestry(3); Environmental Pollution(3); Plant Ecology(1); Physiology(3); Range Science(3); Soil Science(2); Systematics(3); Systems Analysis(3); Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

EXPERIENCE (AS CONSULTANT): Construction

RESEARCH ACTIVITY ONE: Net production and energy changes in Chihuahuan Desert

RESEARCH ACTIVITY TWO: Vegetation of drainage basin in Jasper National Park

RESEARCH ACTIVITY THREE: Vegetation of N. Yukon

INTEREST IN WORKING WITH: Private Sector; Construction; Professional society; The Institute of Ecology(TIE); USDA; AEC; COE; EPA (1014)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational facilities; Watershed, forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2,M); Canada, western(3,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,0

<62>

Hiroyuki, Masatomi, 1932, DSc, 1961, Avian Ecology
Ribai Agricult. Engineer. College; Koshunai;
Ribai; Hokkaido 079-01, Japan

PRINCIPAL FIELD: Life history and population dynamics of cranes

COMPETENCE: Animal Behavior(2); Animal Ecology(3); Ornithology(1)

RESEARCH ACTIVITY ONE: Ecological studies on the Japanese crane

RESEARCH ACTIVITY TWO: Biological expedition of Nepal Himalaya

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (4044)

GEOGRAPHIC FAMILIARITY (YEARS): Asia(17,M)

AVAILABILITY (DAYS PER MONTH): A,7; S,15

<63>

Hodges, John, 1928, PhD, 1966, Animal Breeding,
604-228-4784
Dept. of Animal Science; University of
British Columbia; Vancouver 8, British
Columbia, Canada

PRINCIPAL FIELD: Animal breeding and genetics, especially growth and milk and meat production of ruminants

COMPETENCE: Agricultural Science(2); Animal Behavior(2); Animal Husbandry(1); Biostatistics(3); Genetics(2); Population Biology(3); Range Science(3); Reproductive Biology(3)

EXPERIENCE (AS EMPLOYEE): Agriculture

EXPERIENCE (AS CONSULTANT): Agriculture; State government; Professional society; USDA; Asian; Canadian; European, eastern; European, western

RESEARCH ACTIVITY ONE: Beef production from grazing and intensive systems

RESEARCH ACTIVITY TWO: Genetic evaluation of French cattle in England

RESEARCH ACTIVITY THREE: Adaptation of cattle to Israeli conditions

INTEREST IN WORKING WITH: Agriculture; County or city government; Local or regional planning group; State government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; USDA; other Governments (1563)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(0.5); Canada, western(2); Europe, western(16)

AVAILABILITY (DAYS PER MONTH): A,?; S,? Negotiable

<64>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<64>

Hohn, Otto E., 1919, PhD, 1951,
Physiology-432-3449
Physiology Dept.; University of Alberta;
Edmonton, Alberta, Canada

PRINCIPAL FIELD: Endocrinology particularly
reproductive Arctic and Boreal Ornithology &
Mammalogy

COMPETENCE: Animal Behavior(3); Oceanography(2);
Ornithology(2); Physiology(1); Reproductive
Biology(1)

EXPERIENCE (AS EMPLOYEE): Canadian

RESEARCH ACTIVITY ONE: Report on birds lake at
Habasca region for Peace Athabasca River
Delta Project

RESEARCH ACTIVITY TWO: Hormones and seasonal
color change hares & Ptarmigan

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; The Nat'l
Academy of Sciences INRC; International
Organizations; U.S. Federal Government; Other
Governments (7/4)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western(24,M); Canada, northern(1,M)

AVAILABILITY (DAYS PER MONTH): A E S on
Sabbatical leave July '73 - July '74

<65>

Hooper, Puth L., 1943, PhD, 1971, Entomology,
403-432-3080
Dept. of Entomology; University of Alberta;
Edmonton T6G2E3, CA

PRINCIPAL FIELD: Electron microscopy of insect
sense organs

COMPETENCE: Anatomy(1); Entomology(1); Electron
Microscopy; Parasitology(2); Physiology(3)

EXPERIENCE (AS EMPLOYEE): Canadian

RESEARCH ACTIVITY ONE: Ultrastructure of sense
organs on facefly

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; AEC; COE;
DOD; EPA; HEW; USDI; NSF; OST; African;
Central American; European, western; South
American (5/4)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1);
South Central(4,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

<66>

Howard, William N., 1936, MSc, 1967, Fisheries,
204-638-3003
Province of Manitoba; Mines Resources
Environmental agat.; 120 First Avenue N.E.;
Dauphin, Manitoba R7N1A5, Canada

PRINCIPAL FIELD: Freshwater Commercial and Sport
Fisheries Management and Administration

COMPETENCE: Biostatistics(3); Fishery Biology(3)

EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; Manufacturing; Local or
regional planning group; State government;
Canadian

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State government;
Conservation group

RESEARCH ACTIVITY ONE: Development of Walleye
Natural Rearing Areas

RESEARCH ACTIVITY TWO: Lake Dauphin Water Level
Regulation

RESEARCH ACTIVITY THREE: Pickerel Tagging Studies
Lake Winnipegosis

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (2/6)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Water Resource Development
(Genl); Channelization; Dredging, filling;
Reservoirs/Dams; Watershed, forest, range;
Reservoir releases; Hydroelectric power;
water quality control; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western(6,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<67>
 Idyll, Clarence P., 1946, PhD, 1951,
 Fisheries-5797
 Fisheries; Food and Agriculture Organization
 of the United Nations; Via Delle Terme Di
 Caracalla; Rome, IT

PRINCIPAL FIELD: Biology and Population Dynamics
 Fish and Invertebrates

COMPETENCE: Aquatic Ecology(3); Fishery
 Biology(1); Environmental Pollution(3);
 Marine Biology(1); Oceanography(3)

EXPERIENCE (AS EMPLOYEE): United Nations; Int.
 Salmon Commission

EXPERIENCE (AS CONSULTANT): County or city
 government; Local or regional planning group;
 State government; Civic action group;
 Conservation group; Professional society; The
 Nat'l Academy of Sciences; United Nations;
 USDC; CC; HEW; USDI; NSF; OST; Central
 American; Canadian; South American

RESEARCH ACTIVITY ONE: Biology and population
 dynamics of shrimp

RESEARCH ACTIVITY TWO: Commercial culture of
 shrimp

INTEREST IN WORKING WITH: County or city
 government; Local or regional planning group;
 State government; Conservation or Scientific
 Group; International Organizations; USDC; CC;
 COE; EPA; HEW; USDI; NSF; Other Governments
 (3904)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
 facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(4); Southeast (20); Canada, western(8);
 Europe, western(1)

<68>
 Jensen, Lawrence C., 1936, PhD, 1966, Botany
 Botany; University of Auckland; Auckland, NZ

PRINCIPAL FIELD: Plant anatomy, plant
 ultrastructure(1)

COMPETENCE: Plant Anatomy Morph. Ultra
 Structure(1); Taxonomy(3)

EXPERIENCE (AS CONSULTANT): Mining

RESEARCH ACTIVITY ONE: Regeneration in global
 apices

RESEARCH ACTIVITY TWO: Cytological Chgs following
 bisection of apices

RESEARCH ACTIVITY THREE: Ultrastructure of
 cultured moss cells

INTEREST IN WORKING WITH: Local Government;
 Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (554)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(2); Rocky Mountain(3); North Central(5)

AVAILABILITY (DAYS PER MONTH): A,2; S,4

<69>
 Johansen, Patricia L., 1948, MS, 1971,
 Oceanography, 902-424-3655
 Institute of Oceanography; Dalhousie
 University; Halifax; Nova Scotia, CA

PRINCIPAL FIELD: Microbiology of deep-sea pelagic
 environment and phytoplankton taxonomy and
 ecology

COMPETENCE: Respondent lists 16 or more
 scientific fields

EXPERIENCE (AS EMPLOYEE): Fish & Wildlife
 Commission

RESEARCH ACTIVITY ONE: Pole of tintinnids in food
 webs

RESEARCH ACTIVITY TWO: Unidentified
 microorganisms in the deep sea

RESEARCH ACTIVITY THREE: Observations on
 podophthalmus vigil

INTEREST IN WORKING WITH: Local Government;
 Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (3421)

GEOGRAPHIC FAMILIARITY (YEARS): Hawaii(2,M);
 Canada, eastern(2,M)

<70>
 Johnson, Karen L., 1941, PhD, 1970, Botany -
 Ecology, 204-947-5642
 Curator of Botany; Manitoba Museum of Man and
 Nature; 190 Rupert St.; Winnipeg, Manitoba
 R3P0N2, Canada

PRINCIPAL FIELD: Classification of Plant
 Communities and Soil Types and Their
 Relationships

COMPETENCE: Environmental Pollution(3); Plant
 Ecology(1); Soil Science(3); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): IRP

EXPERIENCE (AS CONSULTANT): County or city
 government; Local or regional planning group;
 State government; Canadian

RESEARCH ACTIVITY ONE: Survey of the plant
 communities of Manitoba - International
 Biological Programme

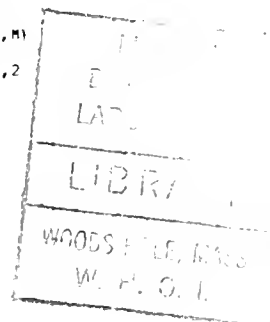
RESEARCH ACTIVITY TWO: A preliminary survey of
 the plant communities of Little Grindstone
 Point

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government (3222)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
 facilities

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(0.2); Rocky Mountain(1.5);
 Southwest(0.2); South Central(3);
 Northeast(2); Canada, western(3.5,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2



<71>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<71>

Johnston, Robert A., 1945, MS, 1973, Renewable Resources, 916-752-3026
Div. of Environmental Stds.; Also M of Planning, Univ. of So. Cal.;

PRINCIPAL FIELD: Land development & use controls based on environmental criteria, computer mapping

COMPETENCE: Env. Planning & Management; Water Resources Management

RESEARCH ACTIVITY ONE: Calif. Land conservation act effectiveness, Sac. Co.

RESEARCH ACTIVITY TWO: Planning executive effectiveness

RESEARCH ACTIVITY THREE: Geographic data handling & mapping

INTEREST IN WORKING WITH: Agriculture; Construction; Transportation; Utility; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (172)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Highways; Parks, recreational facilities; Soil erosion; Water Resource Development (Gen)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(5,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<72>

Kalff, Jacob, 1935, PhD, 1965, Limnology, 514-392-4660
Dept. of Biology; McGill University; P.O. Box 6070; Montreal, Quebec 101, Canada

PRINCIPAL FIELD: Algal population cycles - eutrophication

COMPETENCE: Aquatic Ecology(1); Limnology(1); Marine Biology(3); Nutrition(2)

RESEARCH ACTIVITY ONE: CCIBP Char Lake Project

RESEARCH ACTIVITY TWO: Lake Memphremagog Project

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (410)

IMPACT ASSESSMENT EXPERIENCE: Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3); Alaska(1); Canada, eastern(7,M); Canada, northern(1,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<73>

Karkanis, Panayoti G., 1935, PhD, 1965, Soil Chemistry, 403-284-5271
Environmental Sciences; University of Calgary; 2920-24 Ave. N.W.; Calgary, Alberta T2N1N4, Canada

PRINCIPAL FIELD: Soil and water management conservation and chemistry

COMPETENCE: Respondent lists 16 or more scientific fields

EXPERIENCE (AS CONSULTANT): Agriculture; State government; Conservation group; African; University

RESEARCH ACTIVITY ONE: Soils of the Kananaskis Valley of Alberta, Canada

RESEARCH ACTIVITY TWO: Desert creep control in Northern Sudan

RESEARCH ACTIVITY THREE: Gardud hard soil reclamation in West Sudan

INTEREST IN WORKING WITH: Agriculture; Manufacturing; County or city government; Local or regional planning group; State government; Conservation group; Professional society; The Institute of Ecology(IE); The Nat'l Academy of Sciences; United Nations; World Bank; IUCN; USDA; AEC; DOC; CC; COE; DOD; EPA; USDI; NSF; OST; AID; Asian; African; Central American; Canadian; European, eastern; European, western; South American; University (1307)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Soil erosion; Water Resource Development(GPND); Channelization; Watershed, forest, range; Flood control; Irrigation; Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Africa, North and Central(8,M); Canada, western(2); Europe, western(4)

AVAILABILITY (DAYS PER MONTH): A,22; S,22

<74>

Keiser, Cortes L., 1949, BS, 1971, Wildlife Biology, 814-236-2765

PRINCIPAL FIELD: No research experiences, bachelors's degree in wildlife biology, now employed by Pennsylvania game commission

COMPETENCE: Agronomy(3); Agricultural Science(3); Animal Behavior(2); Animal Ecology(1); Fishery Biology(3); Forestry(3); Environmental Pollution(3); Plant Ecology(2); Physiology(3); Population Biology(3)

EXPERIENCE (AS EMPLOYEE): Agriculture; Manufacturing; State government; Conservation group

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (210)

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<75>

Kidder, Gerald, 1940, PhD, 1969, Soil Science
Agricultural Services; Standard Fruit
Company; APDO N; Limon, Costa Rica

PRINCIPAL FIELD: Commercial banana production and
research

COMPETENCE: Agronomy(1); Agricultural Science(2);
Soil Science(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; USDA

RESEARCH ACTIVITY ONE: Research agronomist

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3473)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(3,M); South Central(3,M); Central
America(3,M); Mexico(2)

<76>

Krott, Peter, 1919, PhD, 1959, Forestalis,
0368-522-5101
8961 Steinenns; Kleinsoelk, Austria

PRINCIPAL FIELD: Game research and game management

COMPETENCE: Agronomy(3); Animal Behavior(3);
Animal Ecology(2); Food Sciences(3);
Forestry(3); Environmental Pollution(3);
Genetics(3); Ornithology(2); Population
Biology(3); Wildlife Management(1)

RESEARCH ACTIVITY ONE: Wolverine in Scandinavia

RESEARCH ACTIVITY TWO: Bear in Alpes

RESEARCH ACTIVITY THREE: Capercaillie in Alpes

INTEREST IN WORKING WITH: Private Sector; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group;
Conservation group; The Institute of
Ecology(TIE); The National Academy of
Sciences INRC; D.S. Federal Government; DOD;
EPA; USDI; Other Governments; South American
(4104)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Reservoir releases; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Europe,
western(25,M)

<77>

Kucera, Emil, PhD, 1969, Mammalogy, 204-786-5446
Templeton Engineering; 528 St. James St.;
Winnipeg, Manitoba R3G 3J4, Canada

PRINCIPAL FIELD: Big game populations research
and management, conservation

COMPETENCE: Animal Ecology(3); General
conservation education(3); Ornithology(3);
Population Biology(3); Wildlife Management(4)

RESEARCH ACTIVITY ONE: Wildlife research for
Mackenzie Valley gas pipeline project

RESEARCH ACTIVITY TWO: Post-doctoral fellow -
White-tailed deer research

RESEARCH ACTIVITY THREE: Lecturer small mammal
population research

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4108)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western(3); Europe, eastern(4); Europe,
western(1)

AVAILABILITY (DAYS PER MONTH): A,6; S,6

<78>

Kutty, Methil N., 1934, PhD, 1966, Physiological
Ecology-26711-9
Department of Biological Science; Madurai
University; Palkalainagar; Madurai, Tamil
Nadu 60021, IN

PRINCIPAL FIELD: Environmental Physiology of Fish
- Energetics, Anaerobiosis and Behavior

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(2); Fishery
Biology(3); Environmental Pollution(3);
Limnology(3); Physiological Ecology(1);
Marine Biology(2); Nutrition(3); Physiology(2)

EXPERIENCE (AS EMPLOYEE): NSF; State Department
(AID)

RESEARCH ACTIVITY ONE: Biology of Vaigai Dam
Fishes

RESEARCH ACTIVITY TWO: Environmental Physiology
of Atlantic Salmon Smolts

RESEARCH ACTIVITY THREE: Activity Studies of Fish

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (259)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Asia(11,M);
Canada, eastern(4,M)

<79>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<79>

La Roche, Gilles, 1922, PhD, 1967, Biochemistry,
514-342-5052
Consortium on Water Research; 6600
Cote-Des-Neiges; Montreal 249, Canada

PRINCIPAL FIELD: Development of interdisciplinary
approaches to environmental and pollution
research

COMPETENCE: Aquatic Ecology(3); Biochemistry(2);
Environmental Pollution(1); Physiology(1);
Water Resources Management(3); Toxicology(2)

EXPERIENCE (AS EMPLOYEE): AEC; EPA; USDI

EXPERIENCE (AS CONSULTANT): Manufacturing; State
government; Conservation group; The Nat'l
Academy of Sciences; HEW; USDI

RESEARCH ACTIVITY ONE: Physiological Aspects of
maturation in fish

RESEARCH ACTIVITY TWO: Interdisciplinary analysis
of pollution effects

RESEARCH ACTIVITY THREE: Interdisciplinary
approaches to environ. res.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation group; Professional
society; The Institute of Ecology; The Nat'l
Academy of Sciences; International
Organizations; USDA; AEC; USDC; CC; COE; DOD;
EPA; HPW; USDI; NSF; OST; AID; Other
Governments (37)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Highways; Pesticides,
herbicides; Water Resource Development(Genl);
Dredging, filling; Beach nourishment; Coastal
protection/jetties; Water supply; Water
quality control; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(14); Northeast(6); Canada, eastern(6);
Canada, western(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,8

<80>

Laird, Marshall, 1923, DSc, 1954, Parasitology
Research Unit Vector Pathol. Canada 709; ;
Memorial University of Newfoundland;
Elizabeth Avenue; St. John's, Newfoundland,
Canada

PRINCIPAL FIELD: Biological control in medical
entomology & avian blood parasitology

COMPETENCE: Aquatic Ecology(2); Entomology(2);
Parasitology(1); Pest Control(1)

EXPERIENCE (AS EMPLOYEE): Wld Hlth Org (WHO);
Canadian; New Zealand

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; County or city government;
State government; The National Academy of
Sciences; Wld. Hlth. Org (WHO); Canadian; New
Zealand

RESEARCH ACTIVITY ONE: Avian haematzoa as
environmental quality criteria

RESEARCH ACTIVITY TWO: Biological control of
SIMULIUM DAMNOSUM

RESEARCH ACTIVITY THREE: In Vitro mass production
of pathogens of insects

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; County or city government;
State government; The Institute of
Ecology(TIE); The National Academy of
Sciences; International Organizations; U.S.
Federal Government; Other Governments (448)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Pesticides, herbicides; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Asia(3,M);
Canada, eastern(10,M); Canada, northern(M);
Europe, western(6); New Zealand(7); South
Pacific(7)

<81>

Lawson, Dennis W., 1942, PhD, 1971, Hydrology,
613-994-9037
Environment Govt.; Hydrology Research
Division; #8 Temp. Bldg. Carling Ave.;
Ottawa, K1A-0P7, Ontario, Canada

PRINCIPAL FIELD: Groundwater; research on
subsurface waste disposal, and soil moisture;
ground water-streamflow interactions

COMPETENCE: Environmental Pollution(2); Soil
Science(2); Water Resources Management(2)

EXPERIENCE (AS EMPLOYEE): Mining; Canadian

RESEARCH ACTIVITY ONE: Groundwater-fractured
crys. rocks-research basin

RESEARCH ACTIVITY TWO: Tracer movement in
saturated porous media

RESEARCH ACTIVITY THREE: Subsurface waste disposal

INTEREST IN WORKING WITH: Private Sector; Local
Government; Civic action group; Conservation
group; Professional society; The Institute of
Ecology(TIE); The Nat'l Academy of Sciences;
International Organizations; Can. Inter.
Develop. Agency; USDA; AEC; COE; EPA; USDI;
OST; Other Governments (2519)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Dee well disposal

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(4,M); Canada, western(4,M)

AVAILABILITY (DAYS PER MONTH): Consulting,0;
PSW(3); Seconded(approx. 20)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<82>

Lee, Robert K., 1931, PhD, 1965, Botany,
613-995-6139
Botany Division; National Museum of Natural
Sciences; Ottawa K1A0H8, Canada

PRINCIPAL FIELD: Systematics and Ecology of
Marine Algae

COMPETENCE: Marine Biology(1); Oceanography(3)

EXPERIENCE (AS EMPLOYEE): USDA; Canadian

EXPERIENCE (AS CONSULTANT): Canadian

RESEARCH ACTIVITY ONE: Marine algae of the
Canadian Arctic

RESEARCH ACTIVITY TWO: Systematics of Coralline
algae

INTEREST IN WORKING WITH: Construction;
Manufacturing; Transportation; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3511)

GEOGRAPHIC FAMILIARITY (YEARS): Hawaii(4,M);
Canada, eastern(8); Canada, western(3,M);
Canada, northern(2,M); Pacific Atolls(0.3)

<83>

Lehmkuhl, Dennis M., 1942, PhD, 1969, Entomology,
306-343-2701
Biology Dept.; University of Saskatchewan;
Saskatoon, Saskatchewan, Canada

PRINCIPAL FIELD: Phymenoptera River ecology,
aquatic ecology, water pollution

COMPETENCE: Animal Behavior(3); Animal
Husbandry(2); Aquatic Ecology(1);
Entomology(1); Environmental Pollution(1);
Limnology(3); Pest Control(3);
Systematics(2); Taxonomy(2)

EXPERIENCE (AS CONSULTANT): Provincial; Canadian

RESEARCH ACTIVITY ONE: Thermal pollution by a
reservoir

RESEARCH ACTIVITY TWO: Aquatic insects of Arctic
Ponds

RESEARCH ACTIVITY THREE: Taxonomy of aquatic
insects of West Interior of Canada

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Government (203)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Reservoir releases

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2,M); Rocky Mountain(2); Canada,
western(4,M); Canada, northern

AVAILABILITY (DAYS PER MONTH): A,4; S,20

<84>

Lehmusluoto, Pasi O., 1939, MSc, 1966, Limnology,
903-378011-326
Dept. of Limnology; University of Helsinki;
E-Bldg Vlikki; SP-00710 Helsinki 71, Finland

PRINCIPAL FIELD: Eutrophication of Waters

COMPETENCE: Aquatic Ecology(2); Entomology(3);
Fishery Biology(3); Environmental
Pollution(2); Limnology(1); Marine
Biology(3); Microbiology(3); Water Resources
Management(3); Wildlife Management(3)

RESEARCH ACTIVITY ONE: Energy flow in humic lakes

RESEARCH ACTIVITY TWO: Eutrophication of Helsinki
City sea area

RESEARCH ACTIVITY THREE: Development of algal
assay procedure

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3520)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(5en1); Water quality control

GEOGRAPHIC FAMILIARITY (YEARS): Europe,
western(6,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,10

<85>

Litsinger, James A., 1941, PhD, 1972, Entomology
Entomologist; Peace Corps; U.S. Dept. of
Agriculture; Box 147; Nuku'alofa, Tonga,
South Pacific

PRINCIPAL FIELD: Agricultural insect biology and
control in temperate and subtropical areas

COMPETENCE: Entomology(1); Pest Control(1); Plant
Pathology(3); Population Biology(3);
Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): State government;
Pacific Islands

RESEARCH ACTIVITY ONE: Ecophysiology - bionomics
of alfalfa weevil, HYPERA POSTICA

RESEARCH ACTIVITY TWO: Agricultural insects of
Tonga, South Pacific

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government (4111)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(5,M); South America(2); Pacific(2,M)

AVAILABILITY (DAYS PER MONTH): A,1

<86>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<86>

Littlepage, Jack L., 1935, PhD, 1965, Biology,
604-477-6911
Dept. of Biology; University of Victoria;
3070 Phyllis; Victoria, Canada

PRINCIPAL FIELD: Physiology of Marine Zooplankton

COMPETENCE: Animal Ecology(2); Fishery
Biology(3); Environmental Pollution(1);
Limnology(3); Marine Biology(1);
Oceanography(1); Physiology(2)

EXPERIENCE (AS CONSULTANT): Construction;
Manufacturing; Mining; County or city
government; Local or regional planning group

RESEARCH ACTIVITY ONE: Physiology of zooplankton

RESEARCH ACTIVITY TWO: Victoria Marine monitoring

RESEARCH ACTIVITY THREE: Greenex Mine survey

INTEREST IN WORKING WITH: Professional society;
The Institute of Ecology; The Nat'l Academy
of Sciences; International Organizations;
U.S. Federal Government; Central American;
Canadian; South American (600)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Tailings, spoils disposal;
breeding, filling

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Central America(0.5); Canada,
western(7,M); South America(D.5);
Antarctica(3,M)

AVAILABILITY (DAYS PER MONTH): A,8; S,15

<87>

Lynch, Gerry M., 1941, MS, 1967, Wildlife
Management, 403-723-4481
Lands & Forests; Dept. of Fish & Wildlife
Division; Natural Resources Bldg.; Edmonton,
Canada

PRINCIPAL FIELD: Management Orientated Wildlife
Research

COMPETENCE: Animal Ecology(2); Forestry(2);
Parasitology(2); Pest Control(2); Plant
Ecology(2); Population Biology(2); Range
Science(2); Soil Science(2); Water Resources
Management(2); Wildlife Management(1)

RESEARCH ACTIVITY ONE: Impact of hunting on a
population of mouse

RESEARCH ACTIVITY TWO: Effect of predators on
nesting ducks

RESEARCH ACTIVITY THREE: Chip Lake wildlife -
inventory with recommendations for Management

INTEREST IN WORKING WITH: Conservation or
Scientific Group; U.S. Federal Government;
Canadian (3515)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Parks, recreational facilities; Water
Resource Development(Genl); Watershed,
forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(3,M); Canada, western(6,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,0

<88>

Marshall, Thomas L., 1943, PhD, 1973, Fish
Management, 303-491-6939
Fishery and Wildlife Biology; Fort Collins,
Co 80521, US

PRINCIPAL FIELD: Evaluation of Stream and Lake
Fishery Management Practices

COMPETENCE: Agronomy(3); Agricultural Science(3);
Anatomy(3); Animal Ecology(3); Aquatic
Ecology(3); Biostatistics(3); Entomology(3);
Fishery Biology(1); Limnology(2); Marine
Biology(3); Ornithology(3); Wildlife
Management(3)

EXPERIENCE (AS EMPLOYEE): Canadian

RESEARCH ACTIVITY ONE: Biol. recreational and
econ. parameter of a stream fishery

RESEARCH ACTIVITY TWO: Analysis of fish
introductions in Saskatchewan

RESEARCH ACTIVITY THREE: Lake inventory and water
classification

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1222)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(3); Canada, eastern(2); Canada,
western(2,M)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<89>

Mayer, Daniel P., 1943, MS, 1973, Biology,
604-291-4394
Biology; Simon Fraser University; Burnaby 2,
Canada

PRINCIPAL FIELD: Applied ecology of insects

COMPETENCE: Agricultural Science(3); Animal
Ecology(3); Entomology(1); Environmental
Pollution(2); Horticulture(3); Marine
Biology(3); Pest Control(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; USDA

EXPERIENCE (AS CONSULTANT): Agriculture

RESEARCH ACTIVITY ONE: Ecology of leaf rollers

RESEARCH ACTIVITY TWO: Larval competition of
codling moth

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; USDA; CC; EPA; Other Governments
(393)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1);
Canada, western(1,M)

AVAILABILITY (DAYS PER MONTH): S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<90>

McCarragher, Donald R., 1925, BSc, 1953, Zoology
Fisheries Branch; Dept. Primary Industries;
P.O. Box 5; Deception Bay, Queensland,
Australia

COMPETENCE: Aquatic Ecology(1); Fishery
Biology(1); Environmental Pollution(3);
Limnology(1); Marine Biology(3);
Oceanography(3); Plant Ecology(3); Water
Resources Management(3); Wildlife
Management(3)

EXPERIENCE (AS EMPLOYEE): State government;
United Nations; Australia

EXPERIENCE (AS CONSULTANT): Mining; State
government; United Nations

RESEARCH ACTIVITY ONE: Fisheries biologist

RESEARCH ACTIVITY TWO: State limnologist -
fisheries biologist

RESEARCH ACTIVITY THREE: Fisheries limnologist

INTEREST IN WORKING WITH: State government; The
Institute of Ecology; The Nat'l Academy of
Sciences; United Nations; COP; PPA; USDI;
AID; Other Governments; Australia (3389)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(Genl); Reservoirs/Dams; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(17,M); Africa(2,M); Australia(1,M)

AVAILABILITY (DAYS PER MONTH): A,10

<91>

McCauley, Robert W., 1926, PhD, 1962, Biology
Biology Department; Waterloo Lutheran
University; University of Alberta; Waterloo N2L
3C5, Ontario, Canada

PRINCIPAL FIELD: Thermal relations of fish.
Temperature selection of fish, fish culture

COMPETENCE: Anatomy(3); Animal Ecology(3);
Aquatic Ecology(1); Fishery Biology(1);
Limnology(1); Plant Pathology

EXPERIENCE (AS CONSULTANT): Agriculture

RESEARCH ACTIVITY ONE: Factors causing mortality
in alewives in Lake Ontario

RESEARCH ACTIVITY TWO: Changes in the final
preference of yellow perch with age

RESEARCH ACTIVITY THREE: Minimizing pollution
caused by dead alewives on beaches

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Local Government; State government;
Conservation or Scientific Group;
Conservation group; U.S. Federal Government;
Canadian (2537)

IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils
disposal; Hydroelectric power; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(36);
Canada, eastern(20); Europe, western(0.5)

AVAILABILITY (DAYS PER MONTH): A,5; S,21

<92>

McFarlane, Robert W., 1933, PhD, 1971, Ornithology
Peace Corps Volunteer/Chile; Casilla 270;
Santiago, Chile

PRINCIPAL FIELD: Population estimates and
ecological surveys of birds

COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Ornithology(1); Population
Biology(3); Reproductive Biology(1);
Systematics(3); Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): DOD; South American

RESEARCH ACTIVITY ONE: Pacific Ocean biological
survey program

RESEARCH ACTIVITY TWO: Ecological survey of birds
of North Chile

INTEREST IN WORKING WITH: Conservation group;
Professional society; TIE; The Nat'l Academy
of Sciences; United Nations; IUCN; U.S.
Federal Government; Other Governments (3052)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(12);
Hawaii(2,M); South America(1,M)

<93>

McNeely, Cyrus M., 1942, BS, 1964, Biology,
206-442-7024
Army Corps of Engineers; Federal Government;
30906 151st Ave. SE; Kent, Washington 98031,
WA

PRINCIPAL FIELD: Planning and assessment of
impacts associated with water resource
development

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(3); Fishery Biology(3); Environmental
Pollution(2); Plant Ecology(3); Water
Resources Management(1)

EXPERIENCE (AS EMPLOYEE): Manufacturing; State
government; COE

RESEARCH ACTIVITY ONE: Willapa Harbor navigation
environmental statement

RESEARCH ACTIVITY TWO: Mud Mountain Dam
environmental statement

RESEARCH ACTIVITY THREE: Ediz Hook Beach erosion
environmental statement

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (105)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(GENL); Channelization; Dredging,
filling; Beach nourishment; Reservoirs/Dams;
Levees/dikes; Coastal protection/jetties;
Canals/Channels; Reservoir releases;
Hydroelectric power; Navigation; Flood
control; Water supply; Water quality control;
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(8)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<94>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<94>

Meredith, Don H., 1946, MS, 1970, Biology,
403-432-5499
Dept. of Zoology; University of Alberta;
Edmonton, Alberta, Canada

PRINCIPAL FIELD: Mammalian ecology - habitat
utilization

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Plant Ecology(3); Population
Biology(2); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): USDI

RESEARCH ACTIVITY ONE: Subalpine small mammal
ecology in Washington State

RESEARCH ACTIVITY TWO: Habitat selection in 2
species of Alberta Chipmunks

INTEREST IN WORKING WITH: Local Government;
Conservation group; Professional society;
TIP; The Nat'l Academy of Sciences INRC;
International Organizations; U.S. Federal
Government; African; Central American;
Canadian; South American (2034)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2,M); Canada, western(2,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,0;post 1973
is negotiable

<95>

Miller, James, 1948, BSc, 1970, Zoology
Biology Department, Univ. San Carlos;
University San Carlos, Cebu City, Philippines

PRINCIPAL FIELD: Population and Production
Ecology of Aquatic Organisms, Primarily Fish

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Anthropology(3); Aquatic
Ecology(3); Fishery Biology(1); Forestry(3);
Environmental Pollution(2); Limnology(3);
Marine Biology(2); Oceanography(3); Plant
Ecology(3); Physiology(3); Population
Biology(2); Taxonomy(3)

EXPERIENCE (AS CONSULTANT): Civic action group

RESEARCH ACTIVITY ONE: Survey of Zooplankton,
Cebu Coastal Waters

RESEARCH ACTIVITY TWO: Population Changes in
Guppies, Lahug, Creek, Cebu

RESEARCH ACTIVITY THREE: Review Ecological
Studies, Silut Bay, Cebu

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Asian; European, western (3126)

GEOGRAPHIC FAMILIARITY (YEARS): Asia(2.5,M);
Europe, western(M)

<96>

Miller, Robert J., 1939, PhD, 1970, Zoology,
709-726-5330
Fisheries Res. Bd. of Canada; Water St. E.;
St. Johns; Newfoundland, Canada

PRINCIPAL FIELD: Energy flow in marine benthic
communities

COMPETENCE: Aquatic Ecology(1); Fishery
Biology(2); Marine Biology(2); Population
Biology(2)

RESEARCH ACTIVITY ONE: Yield prediction of crab
fishery

RESEARCH ACTIVITY TWO: Energy flow in kelp
community

RESEARCH ACTIVITY THREE: Energetics of Ctenophore
population

INTEREST IN WORKING WITH: Private Sector; Local
Government; The Institute of Ecology(TIP);
The Nat'l Academy of Sciences; U.S. Federal
Government; Other Governments (3562)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1);
Middle Atlantic(7,M); Canada, eastern(3,M)

AVAILABILITY (DAYS PER MONTH): A,2; S,2

<97>

Miskimen, George W., 1930, PhD, 1966,
Zoology-Entomology, 174-832-1722
Biology; University of Puerto Rico at
Mayaguez; College Station; Mayaguez, Puerto
Rico 00708, US

PRINCIPAL FIELD: Physiological ecology;
population dynamics; physical and biological
effects on populations as related to pest
control

COMPETENCE: Agricultural Science(2); Animal
Behavior(2); Animal Ecology(1); Animal
Husbandry(3); Entomology(1); Environmental
Pollution(3); Biological and integrated
control(1); Nutrition(3); Pest Control(?);
Plant Ecology(2); Physiology(3); Population
Biology(1); Systematics(2)

EXPERIENCE (AS EMPLOYEE): State government; USDA;
DOD

EXPERIENCE (AS CONSULTANT): USDA; South American

RESEARCH ACTIVITY ONE: Population dynamics of
sugarcane pests

RESEARCH ACTIVITY TWO: Biology of the West Indian
root borer weevil

RESEARCH ACTIVITY THREE: Electrophysiology of
insects - environmental effects on behavior

INTEREST IN WORKING WITH: State government;
Professional society; The Institute of
Ecology(TIP); The Nat'l Academy of Sciences;
United Nations; USDA; COE; DOD; EPA; HEW;
NSF; OST; AID; Central American; South
American (2323)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Southeast(4); Central America(1); South
America(1); Puerto Rico(1)

AVAILABILITY (DAYS PER MONTH): A,4; S,30

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <98>
 Mitchell, Myron J., 1947, PhD, 1974, Soil Ecology, 403-673-3662
 Biology; University of Calgary; Seebe, Alberta; Calgary, Alberta, Canada
- PRINCIPAL FIELD: Soil as it relates to energy flow and population dynamics of soil animals
- COMPETENCE: Animal Ecology(1); Aquatic Ecology(3); Environmental Pollution(3); Microbiology(3); Plant Ecology(3); Physiology(1); Soil Science(3); Taxonomy(3)
- EXPERIENCE (AS EMPLOYEE): Construction; Transportation; Conservation group
- EXPERIENCE (AS CONSULTANT): Conservation group
- RESEARCH ACTIVITY ONE: Energy flow in sites of an aspen woodland
- RESEARCH ACTIVITY TWO: Effect of radiation on lumbricus terrestris
- INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; Conservation group; International Organizations; USDA; AEC; CC; COE; EPA; USDI; NSF; OST; AID; DOT; Central American; Canadian; European, eastern; European, western (1816)
- IMPACT ASSESSMENT EXPERIENCE: Highways; Parks, recreational facilities; Pesticides, herbicides
- GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(M); Northeast(1,M); Canada, western(3,M)
- AVAILABILITY (DAYS PER MONTH): A,5; S,7
- <99>
 NG, Shung-Ko, 1943, MS, 1972, Fungal Physiology-1261-221
 Dept. of Biology; Chinese University; Shatin N.T. Hong Kong, CH
- PRINCIPAL FIELD: Hormonal Effects on Senescence of Yeast in Relation to Fermentation Processes
- COMPETENCE: Bacteriology(3); Biochemistry(3); Biostatistics(3); Genetics(3); Microbiology(2); Taxonomy(3); Fungal Physiol(2)
- RESEARCH ACTIVITY ONE: Growth analysis of yeast in continuous flow of fresh medium
- INTEREST IN WORKING WITH: Manufacturing; Utility; Professional society; United Nations; IUCN; USDC; NSP; Asian (2581)
- GEOGRAPHIC FAMILIARITY (YEARS): Asia(6,M)
- AVAILABILITY (DAYS PER MONTH): A,20; S,30
- <100>
 Oechel, Walter C., PhD, 1970, Phys. Pl Ecol Biology; McGill University; Box 6070; Montreal 101, Canada
- PRINCIPAL FIELD: Physiological plant ecology in extreme environments
- COMPETENCE: Animal Ecology(3); Aquatic Ecology(3); Forestry(2); Nutrition(3); Plant Ecology(1)
- RESEARCH ACTIVITY ONE: The ecology of LARREA DIVARICATA in the deserts of the S.W. U.S.
- RESEARCH ACTIVITY TWO: Ecology and CO2 gas exchange of Arctic Mosses
- RESEARCH ACTIVITY THREE: Ecology and photosynthesis patterns of subarctic plants
- INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Other Governments (198)
- GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3); Southeast(1); Central America(0.2); Canada, eastern(3)
- AVAILABILITY (DAYS PER MONTH): A,7; S,5
- <101>
 Oloffs, Peter C., 1929, PhD, 1967, Pesticide Toxicology, 604-291-4220
 Department of Biology; Simon Fraser University; Burnaby 2; British Columbia, Canada
- PRINCIPAL FIELD: Pesticides, metabolism, residues (soils, waters, plant), Toxicology (Hepatic dysfunction and pesticide interactions)
- COMPETENCE: Agronomy(2); Agricultural Science(3); Biochemistry(2); Entomology(2); Environmental Pollution(2); Pest Control(2); Plant Pathology(3); Physiology(2); Soil Science(3); Toxicology, Chem. and Pathology of Pesticides(1)
- EXPERIENCE (AS EMPLOYEE): Agriculture; Manufacturing
- EXPERIENCE (AS CONSULTANT): Agriculture; Manufacturing; County or city government; State government; Canadian
- RESEARCH ACTIVITY ONE: Significance of pesticide residues in man and animals with impaired Hepatic Metabolism
- RESEARCH ACTIVITY TWO: Fate and behavior of pesticides in natural waters
- RESEARCH ACTIVITY THREE: Metabolism and persistence of NCS-3260 in soils and plants
- INTEREST IN WORKING WITH: Agriculture; Manufacturing; County or city government; Local or regional planning group; State government; Professional society; The Institute of ecology(TIE); The Nat'l Academy of Sciences; FAO,WHO; U.S. Federal Government; Other Governments; Canadian (1347)
- IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides
- GEOGRAPHIC FAMILIARITY (YEARS): North Central(5); Canada, western(10,M); Europe, western(3)
- AVAILABILITY (DAYS PER MONTH): A, depends on teaching duty; S,30

<102>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<102>

Osborn, Andrew W., 1939, PhD, 1969,
Zoology-40-0271
CSR Research Laboratories; Colonial Sugar
Refining Company; 28 Barcoo Street;
Roseville; New South Wales, Australia

PRINCIPAL FIELD: Ecologic significance and
biology of soldier fly

COMPETENCE: Entomology(1); Plant Pathology(3)

EXPERIENCE (AS EMPLOYEE): Agriculture

RESEARCH ACTIVITY ONE: Biological control of
soldier flies

RESEARCH ACTIVITY TWO: Dispersion, mating
behavior, pheromones mass-rearing of
Homoeosoma Vagella

RESEARCH ACTIVITY THREE: Suppression of macadamia
insects with U.L.V.

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation group; Professional
society; The Institute of Ecology(TIE); The
Nat'l Academy of Sciences; International
Organizations; U.S. Federal Government;
Canadian; European, western (1969)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): Australia

AVAILABILITY (DAYS PER MONTH): A,2; S,2 (I am a
citizen of the United States)

<103>

Ostrofsky, Milton L., 1947, MS, 1973, Limnology,
416-743-7890
Sheppard T Powell Consultants Ltd.; 1245
Martindrove Rd.; Rexdale, Ontario M9W4X2,
Canada

PRINCIPAL FIELD: Aquatic Productivity
Phytoplankton Ecology

COMPETENCE: Animal Ecology(3); Aquatic
Ecology(1); Fishery Biology(3); Environmental
Pollution(2); Limnology(1); Marine
Biology(3); Taxonomy(2); Water Resources
Management(2)

EXPERIENCE (AS EMPLOYEE): Utility; State
government

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Churchill Falls, Labrador
Environmental Study

RESEARCH ACTIVITY TWO: Boundary Dam Thermal Study

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1202)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Reservoirs/Dams;
Hydroelectric power; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (1,M);
Canada, eastern(3,M)

<104>

Ovington, John D., 1925, BSc, 1965, Botany
Dept. of Forestry; Australian National
University; Canberra 2600, Australia

PRINCIPAL FIELD: Ecology, Productivity and
Dynamics of Terrestrial Ecosystems
Particularly Forests

COMPETENCE: Agricultural Science(3); Animal
Behavior(3); Forestry(1); Pest Control(3);
Plant Ecology(1); Physiology(3); Soil
Science(3); Water Resources Management(2);
Wildlife Management(2); National Park Nature
Reserve Management(1)

EXPERIENCE (AS EMPLOYEE): Conservation group;
Professional society

EXPERIENCE (AS CONSULTANT): Agriculture; Mining;
Transportation; County or city government;
Local or regional planning group; State
government; Civic action group; Conservation
group; Professional society; United Nations;
IUCN; NSF; Asian; African; Central American;
European, eastern; European, western; South
American

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or Scientific Group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
International Organizations; United Nations;
World Bank; IUCN; U.S. Federal Government;
USDA; AEC; USDC; CC; COE; DOD; EPA; HEW; HUD;
USDI; NSF; OST; AID; DOT; Other Governments;
Asian; African; Central American; Canadian;
European, eastern; European, western; South
American (2352)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Energy
conversion/production; Forestry; Parks,
recreational facilities; Soil erosion; Water
Resource Development(Genl); Beach
nourishment; Reservoirs/Dams; Watershed,
forest, range; Reservoir releases; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Asia(4,M);
Africa(1); Central America(0.5); Canada,
eastern(0.5); Europe, eastern(1); Europe,
western(3,M); South America(0.5);
Australia(7,)

TABLE RESPONDENT
ALPHABETICAL LISTING

<105>

Owen, Michael D., 1940, PhD, 1959, Zoology,
519-679-3150
Zoology; University of Western Ontario;
Richmond Street; London, Ontario N6A3K7,
Canada

PRINCIPAL FIELD: Effects of Natural Toxins on
Nerve and Muscle Systems

COMPETENCE: Entomology(1); Marine Biology(3);
Pest Control(3); Physiology(1)

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1364)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2);
Canada, eastern(3); Australia(5)

AVAILABILITY (DAYS PER MONTH): A,3; S,8

<106>

Page, Jerry J., 1942, BS, 1969, Wildlife,
702-750-6698
U.S. Fish and Wildlife Service, US

PRINCIPAL FIELD: Wildlife Management Censusing
Wildlife

COMPETENCE: Animal Ecology(2); Fishery
Biology(2); Environmental Pollution(2);
Limnology(3); Ornithology(1); Pest
Control(1); Population Biology(1); Range
Science(1); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): State government;
Conservation group; Professional society; USDI

RESEARCH ACTIVITY ONE: Golden eagle population
studies

RESEARCH ACTIVITY TWO: Mountain lion habitat
analysis

RESEARCH ACTIVITY THREE: Prairie falcon survey

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Local Government; Conservation
or Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (1780)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M)

AVAILABILITY (DAYS PER MONTH): A,7; S,7

<107>

Parker, Thomas L., 1944, MS, 1969, Zoology,
604-687-0151
P.P. Slaney & Co. Ltd.; 402 W. Pender;
Vancouver; British Columbia, Canada

PRINCIPAL FIELD: Relationship of wildlife to
habitat and response to man-made change

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Utility; State
government

RESEARCH ACTIVITY ONE: Effect of proposed
reservoir on wildlife and vegetation

RESEARCH ACTIVITY TWO: Effect of hydro
development on wildlife

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; CC; COB;
EPA; HEW; USDI; NSF; OST; AID; DOT; Other
Governments (343)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(3,M); Alaska(0.5,M); Canada,
western(2,M); Canada, northern(0.5,M)

AVAILABILITY (DAYS PER MONTH): A,31; S,31

<108>

Parkhurst, Benjamin P., 1947, MS, 1972, Fishery
Biology
Instituto De Piscicultura; Peace
Corps-C.V.C.; Apartado Nacional 157; Buga,
Valle, CO

PRINCIPAL FIELD: Dynamics and Ecology of Fish
Populations

COMPETENCE: Aquatic Ecology(2); Fishery
Biology(1); Environmental Pollution(3);
Limnology(2)

EXPERIENCE (AS EMPLOYEE): Peace Corps

EXPERIENCE (AS CONSULTANT): South American

RESEARCH ACTIVITY ONE: Fish Populations of
Western Lake Erie

INTEREST IN WORKING WITH: Agriculture; Utility;
Local Government; Conservation or Scientific
Group; International Organizations; USDA;
COB; EPA; USDI; HEW; OST; AID; Central
American; Canadian; South American (245)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/reproduction; Exotic species

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(2,M); South America(0.5,M)

AVAILABILITY (DAYS PER MONTH): A,24; S,24

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<109>
 Arkhurst, David P., 1942, PhD, 1970, Botany
 Agr. Met. Section; CSIRO Atm. Phys. Div.;
 Station St.; Aspendale; Victoria 3195,
 Australia

PRINCIPAL FIELD: Adaptations of plants for heat
 and mass transfers with environment

COMPETENCE: Agronomy (2); Biostatistics (3);
 Biophysics (2); Environmental Pollution (3);
 Plant Ecology (1); Physiology (Plant) (2);
 Population Biology (3); Systems Analysis (3);
 Evolution (2)

EXPERIENCE (AS CONSULTANT): Civic action group;
 Conservation group

RESEARCH ACTIVITY ONE: Leaf sizes in various
 environments

RESEARCH ACTIVITY TWO: DDT transfers in ecosystems

INTEREST IN WORKING WITH: Private Sector;
 Agriculture; Local Government; Conservation
 or Scientific Group; International
 Organizations; U.S. Federal Government; Other
 Governments (36%)

GEOGRAPHIC FAMILIARITY (YEARS): Pocky
 Mountain (0.5); North Central (3.5,M);
 Australia (3)

<110>
 Parsons, Timothy Richard, PhD, 1958, Biochemistry
 Institute of Oceanography; University of
 British Columbia; Vancouver, British
 Columbia, Canada

PRINCIPAL FIELD: Biological oceanography
 including the chemistry of marine organisms
 and the relationship between trophic levels
 in the sea

COMPETENCE: Biochemistry (3); Fishery Biology (3);
 Limnology (2); Marine Biology (2);
 Oceanography (1)

EXPERIENCE (AS EMPLOYEE): United Nations; Canadian

EXPERIENCE (AS CONSULTANT): State government; AEC

RESEARCH ACTIVITY ONE: Estuarine management

RESEARCH ACTIVITY TWO: Estuarine management

RESEARCH ACTIVITY THREE: Aquaculture

INTEREST IN WORKING WITH: Private Sector; Local
 Government; International Organizations; U.S.
 Federal Government; Other Governments;
 Canadian (1422)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
 Development (genl); Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Asia (2), Europe,
 Western (2)

AVAILABILITY (DAYS PER MONTH): S, 30

<111>
 Pearson, Arthur M., 1938, PhD, 1962, Ecology,
 403-425-6860
 Canadian Wildlife Service, Canada

PRINCIPAL FIELD: Ecology of large mammals
 especially carnivores

COMPETENCE: Animal Behavior (3); Animal
 Ecology (1); Biostatistics (3); Nutrition (2);
 Parasitology (3); Plant Ecology (3); Population
 Biology (2); Reproductive Biology (2);
 Taxonomy (3); Wildlife Management (1)

EXPERIENCE (AS EMPLOYEE): Canadian

RESEARCH ACTIVITY ONE: Ecology of northern
 interior grizzly bear

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (199%)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
 conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
 western (3); Canada, northern (9,M); Puerto,
 western (2.5)

AVAILABILITY (DAYS PER MONTH): A, 10; S,

<112>
 Perez, Gerald S.A., 1943, MS, 1969, Wildlife
 Management-772-8851
 Office of the Director; Dept. of Land
 Management; O'Brien Drive and Aspinall
 Street; Agaña, Guam 96910, US

PRINCIPAL FIELD: Wildlife Research and General
 Administration of Land and Natural Resources

COMPETENCE: Agronomy (3); Animal Behavior (3);
 Animal Ecology (1); Forestry (3); Environmental
 Pollution (3); Ornithology (3); Plant
 Ecology (3); Population Biology (3); Range
 Science (3); Taxonomy (3); Water Resources
 Management (3); Wildlife Management (1)

EXPERIENCE (AS EMPLOYEE): State government; USDA

RESEARCH ACTIVITY ONE: Study of Guam doves

RESEARCH ACTIVITY TWO: Study of fruit bats

RESEARCH ACTIVITY THREE: Compilation of needed
 land use legislation and regulations

INTEREST IN WORKING WITH: Agriculture;
 Construction; County or City government;
 Local or regional planning group;
 International Organizations; USDC; CC; COP;
 DOD; EPA; HEW; HUD; USDI; NSF; OST; AID;
 Other Governments (1145)

IMPACT ASSESSMENT EXPERIENCE: Shoreline
 protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Guam (5)

AVAILABILITY (DAYS PER MONTH): A, 20; S, 10

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<113>

Pfister, Donald H., 1945, PhD, 1971,
Mycology-R32-4040
Biology Department; University of Puerto
Rico; Mayaguez, Puerto Rico 00708, US

PRINCIPAL FIELD: Taxonomy and biology of the
operculate discomycetes (Pezizales)

COMPETENCE: Genetics(3); Mycology(1);
Microbiology(2); Plant Pathology(1);
Taxonomy(1)

RESEARCH ACTIVITY ONE: Monographic studies of
psilopezia and pachyella

RESEARCH ACTIVITY TWO: Check list of Caribbean
pezizales

INTEREST IN WORKING WITH: Private Sector; U.S.
Federal Government (1337)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4);
South America(0.12)

AVAILABILITY (DAYS PER MONTH): A,7; S,10

<114>

Pharis, Richard P., 1937, Doctorate, 1961, Plant
Physiology, 403-284-5259
Biology Dept.; University of Calgary;
Calgary, Alberta T2N 1N4, CA

PRINCIPAL FIELD: Plant hormone physiology,
especially gibberellins as related to flowering

COMPETENCE: Forestry(2); Physiology(1)

EXPERIENCE (AS EMPLOYEE): USDA; DOD

EXPERIENCE (AS CONSULTANT): State government;
Civic action group; Conservation group;
Professional society; Canadian

RESEARCH ACTIVITY ONE: Gibberellin
interconversions in higher plants

RESEARCH ACTIVITY TWO: Physiology of flowering in
conifers

RESEARCH ACTIVITY THREE: Physiology of
gibberellin-mediated processes

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (534)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Pesticides, herbicides; Watershed, forest,
range

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(2); Southwest(2); Southeast(3);
Canada, Western(8,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,5

<115>

Pinkowski, Benedict C., 1943, MS, Zoology,
313-79A-3192
US

COMPETENCE: Respondent lists 16 or more
scientific fields

RESEARCH ACTIVITY ONE: Nesting ecology of eastern
bluebird

RESEARCH ACTIVITY TWO: Vocalizations of eastern
bluebird

RESEARCH ACTIVITY THREE: Banding study

INTEREST IN WORKING WITH: Agriculture; County or
city government; Local or regional planning
group; State government; Conservation or
Scientific Group; USDA; COE; DOD; HEW; USPI;
NSF; OST; European, eastern; South American
(769)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(8)

AVAILABILITY (DAYS PER MONTH): A,30; S,30

<116>

Pollock, William Stewart, 1935, BS, 1960,
Forestry, 819-326-3F59
Timmerlinn Woodland Services; F.R. #2; Ste
Agathe Des Monts, Quebec, Canada

PRINCIPAL FIELD: Forest Ecology

COMPETENCE: Entomology(3); Forestry(1);
Environmental Pollution(2); Horticulture(3);
Pest Control(2); Plant Ecology(2); Plant
Pathology(2); Soil Science(3); Taxonomy(3);
Water Resources Management(3); Wildlife
Management(2)

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Professional society;
Canadian

RESEARCH ACTIVITY ONE: Effect of Changing Water
Table on Hardwood Forest

RESEARCH ACTIVITY TWO: Asbestos Tailings and
Pollution of Maple Sugar Groves

RESEARCH ACTIVITY THREE: Study of Revegetation
of Exposed Banks Along 360 Miles of Northern
Railroad

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (284)

IMPACT ASSESSMENT EXPERIENCE: Airports; Energy
conversion/production; Forestry; Highways;
Parks, recreational facilities; Pesticides,
herbicides; Soil erosion; Tailings, spoils
disposal; Water Resource Development (Genl);
Channelization; Dredging, filling;
Reservoirs/Dams; Levees/dikes; Watershed,
forest, range; Water supply; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(10,M); Canada, northern(2)

AVAILABILITY (DAYS PER MONTH): A,25; S,25

<117>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<117>

Potter, Michael A., 1947, BS, 1970,
Zoology (Ecology)-072 R57 444
Dept of Primary Industries; Fisheries
Research Station; P.O. Box 5; Deception Bay,
Queensland, Australia

PRINCIPAL FIELD: Biology and Ecology of Marine
Macro Crustacea

COMPETENCE: Animal Behavior(3); Animal
Husbandry(2); Aquatic Ecology(2);
Biochemistry(3); Entomology(3); Fishery
Biology(1); Marine Biology(1); Population
Biology(1)

EXPERIENCE (AS EMPLOYER): State government

RESEARCH ACTIVITY ONE: Dynamics of King Prawn
Populations in Queensland

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1105)

IMPACT ASSESSMENT EXPERIENCE: Shoreline
protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Australia(3)

AVAILABILITY (DAYS PER MONTH): A,N/A; S,N/A

<118>

Prince, Carl R., 1945, PhD, 1972, Plant Ecology,
403-R04-3630
Spirit River Secondary School; P.O. Box 99;
Spirit River; R04360, Alberta R04360, Canada

PRINCIPAL FIELD: Relations between lichens and
higher plant communities

COMPETENCE: Anatomy(3); Environmental
Pollution(3); Lichenology(2); Plant
Ecology(1); Population Biology(3); Soil
Science(3); Systematics(3); Taxonomy(3)

RESEARCH ACTIVITY ONE: Role of the lichen synusia
in heath communities

RESEARCH ACTIVITY TWO: Lichen collection of H.E.
Wilson

INTEREST IN WORKING WITH: Conservation group;
Professional society; The Institute of
Ecology (TIE); The Nat'l Academy of Sciences;
United Nations; U.S. Federal Governments;
Other Governments (3021)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): Europe,
western(3,M)

<119>

Prouse, Nicholas J., 1948, BS, 1970, Marine
Biology, 902-426-3275
Marine Ecology Lab.; Bedford Institute of
Oceanography; P.O. Box 1009; Dartmouth, CA

PRINCIPAL FIELD: Oil pollution and effects on
marine organisms

COMPETENCE: Aquatic Ecology(2); Fishery
Biology(3); Environmental Pollution(1);
Limnology(3); Marine Biology(2);
Oceanography(3); Population Biology(3)

RESEARCH ACTIVITY ONE: Effect of oil on marine
phytoplankton photosynthesis

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (533)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(2,M)

AVAILABILITY (DAYS PER MONTH): A,?; S,2

<120>

Reid, David M., 1940, PhD, 1967, Plant
Physiology, 403-284-6130
Dept. of Biology; University of Calgary;
Calgary, Alberta T2N1N4, Canada

PRINCIPAL FIELD: Physiology of Plant Hormones &
Phytochrome, Flooding & Waterlogging

COMPETENCE: Agricultural Science(3); Anatomy(3);
Biochemistry(3); Forestry(3); Environmental
Pollution(3); Horticulture(3); Physiology(1)

RESEARCH ACTIVITY ONE: Effects of flooding on
growth & physiology of plants

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1396)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western(5); Europe, eastern(3)

AVAILABILITY (DAYS PER MONTH): A,0; S,5

<121>

Reiswig, Henry M., 1936, PhD, 1971, Biology,
514-392-5987
Redpath Museum; McGill University; P.O. Box
6970; Montreal 101; Quebec, Canada

PRINCIPAL FIELD: Feeding and energy budgets of
marine benthic suspension feeders

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(3); Marine Biology(1); Nutrition(2);
Oceanography(2); Systematics(2); Taxonomy(2)

RESEARCH ACTIVITY ONE: Faunal survey of Pacific
submarine caves

RESEARCH ACTIVITY TWO: Deep submersible survey of
Jamaica reefs

RESEARCH ACTIVITY THREE: Biology ecology of
Jamaican demospongiae

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (324)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5); Northeast(6); Central
America(2,M); Canada, eastern(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<122>
Pickett, Karl E., MS, 1968, Quatern. Geol.
Consultant; Geological Assoc. of Canada; 3052
Hammond Bay Rd.; Nanaimo, BC, Canada

PRINCIPAL FIELD: Geology of landforms and
surficial deposits and their relationship to
the "grass roots" of ecological systems

COMPETENCE: Fishery Biology(3); Limnology(3);
Austernary geology(1); Alpine Ecology
subartic(2); Cryopedology(3); Soil
Science(3); Taxonomy(2); Water Resources
Management(3); Environmental Geology(2);
Marine Geology(3)

EXPERIENCE (AS EMPLOYEE): Fossil Fuel Co.; USP;
Canadian (Federal)

EXPERIENCE (AS CONSULTANT): Canadian (Federal);
British Columbia, Alberta

RESEARCH ACTIVITY ONE: Coal property & evaluation

RESEARCH ACTIVITY TWO: Landslides in Mica
Reservoir

RESEARCH ACTIVITY THREE: Quaternary & ecological
investigations - Ogilvie Mtns., Yukon

INTEREST IN WORKING WITH: Private Sector; Fossil
Fuel Co.; Local Government; Conservation
Group; Professional Society; COE; USDI;
Canadian (Federal); British Columbia, Alberta
(1811)

GEOGRAPHIC FAMILIARITY (YEARS): Asia(.5); Canada,
western(2,M); Canada, northern(1); Europe,
western(1); Antarctica(1)

AVAILABILITY (DAYS PER MONTH): Depends on the job
on hand & where it is & amount of remuneration

<123>
Rising, James D., 1942, PhD, 1968, Zoology,
416-928-3485
Zoology Dept.; University of Toronto; 25
Harbord Street; Toronto, Ontario 181, Canada

PRINCIPAL FIELD: Geographic variation of animals;
evolution and systematics

COMPETENCE: Animal Ecology(3); Ornithology(1);
Population Biology(2); Systematics(1);
Taxonomy(3)

RESEARCH ACTIVITY ONE: Evolution of Orioles

RESEARCH ACTIVITY TWO: Geographic Variation and
Evolution of Savannah Sparrows

RESEARCH ACTIVITY THREE: Seasonal Variation in
Metabolism of Black-capped Chickadees

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (702)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(5);
Northeast(1); Canada, eastern(9); Canada,
western(0.5); Canada, northern(0.5);
Mexico(0.5)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<124>
Pisk, Michael J., 1940, PhD, 1971, Marine
Ecology, 416-522-4971
Department of Geology; McMaster University;
Hamilton, Ontario, Canada

PRINCIPAL FIELD: Influence of substrate type on
population structure

COMPETENCE: Animal Ecology(2); Biostatistics(3);
Environmental Pollution(3); Sedimentology(2);
Marine Biology(1); Paleontology(2);
Population Biology(2); Tropical Marine
Biology(2)

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Mining; Civic action
group

RESEARCH ACTIVITY ONE: Intertidal substrate
rugosity and species diversity

RESEARCH ACTIVITY TWO: Silurian echinoid traces

RESEARCH ACTIVITY THREE: Algal fouling on acrylic
plates

INTEREST IN WORKING WITH: Private Sector; Mining;
Local Government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; Other Governments (1029)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(8,M); Central America(0.5,M); Canada,
eastern(4,M); Canada, western(0.5)

AVAILABILITY (DAYS PER MONTH): A,5; S,30

<125>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<125>

Poberge, Marcien R., 1934, PhD, 1965,
Microbiology, 418-644-3960
Canada Environment; Canadian Forestry
Service; 1080 Vallon; Ste. Foy, Quebec, Canada

PRINCIPAL FIELD: Nitrogen transformation,
mobility, and availability in forest soils

COMPETENCE: Forestry(3); Microbiology(1); Soil
Science(2)

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): County or city
government; Local or regional planning group;
State government; Conservation group;
Professional society; Canadian

RESEARCH ACTIVITY ONE: Nitrogen in soil water

RESEARCH ACTIVITY TWO: Christmas tree
fertilization and protection

RESEARCH ACTIVITY THREE: Large scale aerial
application of urea to forest

INTEREST IN WORKING WITH: Private Sector;
Agriculture; Construction; Manufacturing;
Mining; Transportation; Utility; Local
Government; County or city government; Local
or regional planning group; State government;
Conservation or scientific group; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology (TIE); The Nat'l Academy of Sciences
INRC; International organizations; United
Nations; World Bank; IUCN; U.S. Federal
Government; USDA; AEC; USDC; CC; COE; DOD;
PPA; HPW; HUD; USDI; NSF; OST; AID; DOT;
Other governments; Asian; African; Central
American; Canadian; European, eastern;
European, western; South American (1818)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(14,M)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<126>

Robertson, Michael R., 1945, MS, 1967, Limnology,
204-269-7379
Environment Canada Fisheries Service; 501
University Crescent; Winnipeg R3T2N6, Canada

PRINCIPAL FIELD: Fisheries Resource Assessment,
Allocation and Management

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): County or city
government; State government; Civic action
group; Conservation group

RESEARCH ACTIVITY ONE: Aquatic assessment of
arctic regions

RESEARCH ACTIVITY TWO: Sport fishery impact on
Great Lakes, NWT

RESEARCH ACTIVITY THREE: Fisheries development
task force

INTEREST IN WORKING WITH: Agriculture; Mining;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
International Organizations; United Nations;
IUCN; USDA; COE; DOD; EPA; HPW; DOT; Asian;
Canadian; European, eastern; European,
western (1545)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Highways; Soil erosion; Water
Resource Development(Genl); Beach
nourishment; Reservoirs/Dams; Watershed,
forest, range; Hydroelectric power; Water
supply; Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western(6,M); Canada, northern(2,M)

AVAILABILITY (DAYS PER MONTH): A,6; S,3

<127>

Rommel, Sentiel A., PhD, 1972, Oceanography
Biological Station; Fisheries Research Board
of Canada; St. Andrews, New Brunswick, Canada

PRINCIPAL FIELD: Energy relationships in biology
of magnetic and electric fields

COMPETENCE: Animal Behavior(2); Biophysics(2);
Fishery Biology(3); Environmental
Pollution(3); Marine Biology(2);
Oceanography(1); Physiology(2)

EXPERIENCE (AS EMPLOYEE): DOD; Canadian

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; Conservation group; DOD

RESEARCH ACTIVITY ONE: Electro sensitivity of
salmon and eels

RESEARCH ACTIVITY TWO: Electric field modeling in
the ocean

RESEARCH ACTIVITY THREE: Ultrastructure and its
field effects

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Transportation; Utility; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3028)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4);
Asia(1); Canada, eastern(1)

AVAILABILITY (DAYS PER MONTH): A,3; S,1

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<12B>

Sachithanathan, Kanapathipiccal, 1941, MS, 1966,
Zoology, Columbo-27431
Dept. of Fisheries; Fisheries Research
Station; P.O. Box 531, Colombo 3, Ceylon

PRINCIPAL FIELD: Studies in Fisheries Food
Technology

COMPETENCE: Bacteriology(2); Biochemistry(2);
Fishery Biology(1); Food Sciences(3);
Environmental Pollution(3); Marine
Biology(1); Microbiology(2); Nutrition(2);
Oceanography(2)

EXPERIENCE (AS CONSULTANT): United Nations

RESEARCH ACTIVITY ONE: Beche-De-Mer consultant

RESEARCH ACTIVITY TWO: Improving quality of dry
fish

RESEARCH ACTIVITY THREE: Proximate composition
studies in dry fish

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1657)

IMPACT ASSESSMENT EXPERIENCE: Coastal
protection/jetties; Canals/Channels

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(0.16,M); Hawaii(M); Asia(9,M); Pacific
Islands(0.33)

<129>

Sakai, Seiroku, 1924, Dr Agr., 1960, Insect
Toxicol., 049-324-3111
Inst. Biol. & Chemistry; Daito Punka
University; Takasaka, Saitama;
Higasi-Matuyama, Saitama 355, Japan

PRINCIPAL FIELD: Joint action, insect toxicology,
dermaptera, numerical taxonomy, forest
entomology

COMPETENCE: Agronomy(3); Agricultural Science(3);
Animal Behavior(2); Animal Ecology(2);
Biochemistry(2); Biostatistics(1);
Entomology(1); Forestry(3); Environmental
Pollution(3); Genetics(3); Pest Control(1);
Physiology(2); Population Biology(1);
Systematics(1); Taxonomy(1)

RESEARCH ACTIVITY ONE: Evolutional Biology of
Dermaptera, Joint Action of Insecticide

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
TIE; The Natl Academy of Sciences;
International Organizations; U.S. Federal
Government; Other Governments (3055)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Pesticides, herbicides; Reservoir releases

GEOGRAPHIC FAMILIARITY (YEARS): Asia(29)

AVAILABILITY (DAYS PER MONTH): A,3; S,10

<13D>

Salb, Thomas J., 1948, MS, 1972, Zoology

PRINCIPAL FIELD: Physiological Ecology and
Vertebrate Ecology

COMPETENCE: Anatomy(2); Animal Behavior(2);
Animal Ecology(1); Entomology(3);
Ornithology(2); Pest Control(4); Plant
Ecology(2)

RESEARCH ACTIVITY ONE: Northern Georgia limits of
Merriam k rat in Pecos River

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; AEC; COE; DOD;
EPA; NSF; Asian; African; Central American;
South American (710)

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(M); Southwest(3,M)

<131>

Salonius, Peter O., 1940, MSc, 1966,
Microbiology, 406-455-6621
Canada-Environment; Canadian Forestry
Service; P.O. Box 4000; Fredericton; New
Brunswick, Canada

PRINCIPAL FIELD: Microbiology of forest soil

COMPETENCE: Fishery Biology(3); Microbiology(2);
Soil Science(1)

EXPERIENCE (AS EMPLOYEE): State government;
Canadian

EXPERIENCE (AS CONSULTANT): Manufacturing;
Conservation group

RESEARCH ACTIVITY ONE: Slow release fertilizer
study

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Other Governments (807)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Pesticides, herbicides; Watershed, forest,
range

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(6,M)

AVAILABILITY (DAYS PER MONTH): A,4; S,0

<132>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<132>

Schmidt, Christian H.G., 1947, B.Sc., 1971,
Zoology, 604-754-2111
British Columbia Fish and Wildlife Branch;
3249 Norwood Ave.; North Vancouver, British
Columbia, Canada

PRINCIPAL FIELD: Wildlife - habitat
relationships, behavior and population
processes

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYEE): Utility; State
government; Canadian

RESEARCH ACTIVITY ONE: Black-tail deer winter
range study

RESEARCH ACTIVITY TWO: Blue grouse population
study

RESEARCH ACTIVITY THREE: Environmental
consequences of flooding a reservoir site

INTEREST IN WORKING WITH: Agriculture; Utility;
Local Government; County or city government;
Local or regional planning group; State
government; Conservation group; Professional
society; The Institute of Ecology(TIE); The
National Academy of Sciences; International
Organizations; U.S. Federal Government; Other
Governments (1025)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams;
Reservoir releases; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada, western(2)

AVAILABILITY (DAYS PER MONTH): A,25; S,30

<133>

Schofi, Anton, 1943, MSA, 1971, Soil Science,
709-368-3192
Canada Dept. of Agriculture; P.O. Box 70984;
St. John's West; Newfoundland, CA

PRINCIPAL FIELD: Soil genesis and classification,
soil survey, land use for agriculture, rec.,
engineering

COMPETENCE: Agronomy(2); Agricultural Science(2);
Animal Husbandry(3); Forestry(3);
Environmental Pollution(2); Horticulture(3);
Range Science(2); Soil Science(1); Water
Resources Management(2)

RESEARCH ACTIVITY ONE: Soil survey and land
capability, Codroy, New Foundland, Canada

RESEARCH ACTIVITY TWO: Soil survey for highway
construction

RESEARCH ACTIVITY THREE: Soil survey and land
capability, Clinton, British Columbia, Canada

INTEREST IN WORKING WITH: Agriculture;
Construction; Transportation; Utility; Local
Government; County or city government;
Conservation group; Professional society; The
Institute of Ecology(TIE); International
Organizations; USDA; COE; EPA; HUD; USDI;
NSF; ORT; AID; DOT; Other Governments (1745)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Highways; Parks, recreational
facilities; Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(2,M);
Canada, eastern(2,M); Canada, western(2,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,5

<134>

Schweinsburg, Raymond P., 1942, Ph.D., 1969,
Wildlife Ecology, 401-488-8377
Western Office IGL Ltd; Environmental
Research Associates; 10240-124 Street;
Edmonton, Alberta, Canada

PRINCIPAL FIELD: Study of Animal Behavior &
Ecology

COMPETENCE: Physiology(3); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): Mining

RESEARCH ACTIVITY ONE: ECollared Peccary in the
Arizona Desert

RESEARCH ACTIVITY TWO: Migration & behavior of
whistling swan

RESEARCH ACTIVITY THREE: Ornithological
Investigation of the Proposed Trans-Canadian
pipeline

INTEREST IN WORKING WITH: Private Sector;
Construction; Manufacturing; Mining; Local
Government; Conservation or Scientific Group;
United Nations; IOCN; U.S. Federal
Government; USDI; NSF; Other Government;
Canadian (2417)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1,M);
Middle Atlantic(2); Canada, northern(2,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<135>
Seba, Douglas B., 1941, PhD, 1969, Oceanography, 303-234-4661
U.S. Environmental Protection; School of Marine and Atmospheric Science; The Lodge 1445 Corona; Denver, Co 80218, US
PRINCIPAL FIELD: Water Pollution
COMPETENCE: Animal Ecology(2); Anthropology(1); Biochemistry(3); Fishery Biology(2); Environmental Pollution(1); Limnology(3); Marine Biology(2); Oceanography(1)
EXPERIENCE (AS EMPLOYEE): Manufacturing; EPA
EXPERIENCE (AS CONSULTANT): Agriculture; Construction; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; United Nations
RESEARCH ACTIVITY ONE: Oil pollution
RESEARCH ACTIVITY TWO: Mercury pollution
RESEARCH ACTIVITY THREE: Pesticide pollution
INTEREST IN WORKING WITH: Agriculture; Construction; Manufacturing; Mining; Transportation; Utility; County or city government; Local or regional planning group; State government; Local Government; Conservation or Scientific Group; Civic action group; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; United Nations; World Bank; IUCN; U.S. Federal Government; Other Governments (1207)
IMPACT ASSESSMENT EXPERIENCE: Airports; Pesticides, herbicides; Channelization; Dredging, filling; Beach nourishment; Coastal protection/tetties; Canals/Channels; Water quality control
GEOGRAPHIC FAMILIARITY (YEAPS): Rocky Mountain(1); Southeast(11,M); Central America(1)
<136>
Servizi, James A., 1934, PhD, 1963, Civic Engineering, 604-858-4612
Environmental Conservation Division, Chief; International Pacific Salmon Fisheries Commission; Cultus Lake, British Columbia, Canada
PRINCIPAL FIELD: Evaluation of effluent treatments for protection of fishery resources
COMPETENCE: Aquatic Ecology(3); Bacteriology(3); Biochemistry(3); Environmental Pollution(1); Limnology(3); Microbiology(3); Physiology(3); Water Resources Management(3)
EXPERIENCE (AS CONSULTANT): Manufacturing; Mining; Local or regional planning group; COE; EPA; Canadian
RESEARCH ACTIVITY ONE: Detoxification of kraft mill effluent by an aerated lagoon
RESEARCH ACTIVITY TWO: Toxicity of municipal sewage of salmon
RESEARCH ACTIVITY THREE: Toxicity of heavy metals to young salmon
INTEREST IN WORKING WITH: Construction; Manufacturing; Mining; Local Government; Professional society; The Institute of Ecology(TIE); The Nat'l Academy of Sciences; COE; PDA; HEW; USDI; NSF; OST; AID; Canadian (3048)
IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils disposal; Water quality control
GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(4); Northeast(2); Canada, western(10,M)
<137>
Sherman, Daryl K., BA, 1966, Zoology, 418-656-3181
Biology; University Laval; Cite Universitaire; Quebec, Quebec, Canada
PRINCIPAL FIELD: The dynamics of terrestrial vertebrates especially birds and mammals
COMPETENCE: Animal Behavior(3); Animal Ecology(1); Environmental Pollution(3); Ornithology(2); Population Biology(1)
RESEARCH ACTIVITY ONE: Population dynamics of Calif. quail
INTEREST IN WORKING WITH: Conservation or Scientific Group; International Organizations; CC; COE; EPA; HEW; HUD; USDI; NSF; OST; AID DOT; Other Governments (2446)
IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Water Resource Development (Genl); Fish & Wildlife conservation; Pesticides, herbicides
GEOGRAPHIC FAMILIARITY (YEARS): Canada, eastern(2); Canada, western(4)
<138>
Silco, Louis, 1942, PhD, 1970, Wildlife Biology, 519-824-4120
Pathology Dept.; University of Guelph; Guelph, Ontario N1g 2W1, Canada
PRINCIPAL FIELD: Waterfowl pathology
COMPETENCE: Anatomy(3); Animal Ecology(3); Bacteriology(3); Biochemistry(3); Environmental Pollution(3); Ornithology(2); Parasitology(3); Population Biology(3); Veterinary Science(3); Wildlife Management(1)
RESEARCH ACTIVITY ONE: Lead poisoning in waterfowl
RESEARCH ACTIVITY TWO: Epizootiology of trichomoniasis in doves
INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Government (701)
IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation
GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3.5,M); Northeast(2); Canada, eastern(3,M)
AVAILABILITY (DAYS PER MONTH): A,3; S,3

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<139>

Silker, Ted B., 1918, MS, 1941, Forest Range
Mgt., 405-372-6211
Forestry Dept.; OK State University; 115
Hartman; Stillwater, OK 74074, US

PRINCIPAL FIELD: Systems analysis;
geology&soil&plant assoc. and land mgt.
relationships

COMPETENCE: Forestry; Plant Ecology(1); Range
Science(2); Soil Science(1); Systems
Analysis(1); Wildlife Management(2)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Local or regional planning
group; State government; Professional
society; USDA

RESEARCH ACTIVITY ONE: Surface geology soil
relations in coastal plain

RESEARCH ACTIVITY TWO: Geology- soil-biotic
relationships

RESEARCH ACTIVITY THREE: Plant indicators of
timber&range-wildlife class

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; County or city government;
Local or regional planning group; State
government; Civic action group; Conservation
group; Professional society; TIE; The Nat'l
Academy of Sciences INRC; United Nations;
USDA; COE; EPA; NSF; AID; Asian; African;
Canadian; European, eastern; South American
(1099)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Watershed, forest, range; Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): South
Central(11,M); Southeast(2,M)

AVAILABILITY (DAYS PER MONTH): A,1; S,3

<140>

Simmonds, Frederick J., 1915, DS, 1961,
Biological Control
Director, Comm. Inst. Biological Control;
Commonwealth Inst. of Biological Control;
Gordon Street; Curepe, Trinidad

PRINCIPAL FIELD: Biological control of insect
pests and weeds

COMPETENCE: Agricultural Science; Animal
Behavior; Animal Ecology; Entomology(1);
Biological Control; Pest Control(1)

EXPERIENCE (AS CONSULTANT): Agriculture; County
or city government; Conservation group;
Professional society; United Nations; USDA;
AID; Asian; African; Central American;
Canadian; European, eastern; European,
western; South American; All British
Commonwealth and many others

RESEARCH ACTIVITY ONE: Supervising C.T.B.C. staff
in Europe, Trinidad, India, Pakistan, Malaya,
and West Africa, Argentina.

INTEREST IN WORKING WITH: Agricultural; Local
Government; County or city government;

Conservation or scientific group;
International organizations; U.S. Federal
government; USDA; EPA; AID; Other governments
(1815)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Parks, recreational facilities;
Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(.5); Rocky Mountain(.5);
Southwest(.5); Asia(4,M); Africa(1,M);
Central America(20,M); Canada, eastern(5);
Europe, western(3); South America(1)

AVAILABILITY (DAYS PER MONTH): Depends on type of
consultancy

<141>

Slinkard, Alfred E., 1931, PhD, 1957, Agronomy,
306-343-3014
Crop Science; University of Saskatchewan;
Saskatoon S7N040, CA

PRINCIPAL FIELD: Organ; Organism; Population

COMPETENCE: Agronomy(1); Genetics(2);
Horticulture(3)

INTEREST IN WORKING WITH: Agriculture;
Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
International Organizations; U.S. Federal
Government; Other Governments (1699)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(M); Rocky Mountain(14,M); Canada,
western(1,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,6

<142>

Specht, Harold B., 1927, PhD, 1958, Entomology,
902-678-4884
Agriculture; Canada Agricultur Research Stn.;
Kentville, CA

PRINCIPAL FIELD: Insect and mite ecology, orchard
apple, pea aphid ecology, tobacco cutworms

COMPETENCE: Entomology(1); Pest Control(2);
Taxonomy(3)

EXPERIENCE (AS EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Agriculture; State
government

RESEARCH ACTIVITY ONE: Apple aphids

RESEARCH ACTIVITY TWO: Pea aphids

RESEARCH ACTIVITY THREE: Tobacco cutworms

INTEREST IN WORKING WITH: Agriculture; Local
Government; State government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (578)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Beach nourishment;
Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Northeast(2); Canada, eastern(22,M)

AVAILABILITY (DAYS PER MONTH): A,10; S,10

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><143> Stephansson, Stephan E., 1943, BSc, 1967, Biology, 704-474-8791 Natural Resource Institute; University of Manitoba; Winnipeg; Manitoba R3T2N2, Canada</p> <p>PRINCIPAL FIELD: Assessment of lakes for fisheries development and management</p> <p>COMPETENCE: Aquatic Ecology(2); Bacteriology(3); Fishery Biology(1); Environmental Pollution(2); Limnology(1); Microbiology(3); Population Biology(3); Water Resources Management(2)</p> <p>EXPERIENCE (AS EMPLOYEE): Canadian</p> <p>RESEARCH ACTIVITY ONE: Assessment of fisheries stocks in N.W.T. Lakes</p> <p>INTEREST IN WORKING WITH: Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3588)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Canada, western(1); Canada, northern(4,M)</p>	<p><145> Stroek, Rudolph F., 1937, MSA, 1961, Fish. Biology-454-3495 Mar. Forest Ranger School; University of New Brunswick; Regent St.; Fredericton, New Brunswick, Canada</p> <p>PRINCIPAL FIELD: Fish and Wildlife Management</p> <p>COMPETENCE: Respondent lists 16 or more scientific fields</p> <p>EXPERIENCE (AS EMPLOYEE): County or city government; State government</p> <p>EXPERIENCE (AS CONSULTANT): County or city government; State government</p> <p>INTEREST IN WORKING WITH: Private Sector, Local Government; Conservation group; Professional society; The Institute of Ecology; The Nat'l Academy of Sciences; International Organizations; U.S. Federal Government; Canadian (1217)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(4,M); Canada, eastern(10,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,2; S,30</p>
<p><144> Stibick, Jeffrey N.L., 1940, PhD, 1967, Entomology-4121 Ext. 46 Dept. of Agriculture, Stock and Fisheries; Konedobu; Port Moresby, Central District, Papua, New Guinea</p> <p>PRINCIPAL FIELD: Systematics of Insecta Leading to Evolutionary and Biogeographical Studies</p> <p>COMPETENCE: Animal Behavior(3); Animal Ecology(2); Biostatistics(2); Entomology(1); Pest Control(2); Population Biology(2); Systematics(1); Taxonomy(1); Evolution, Biogeography(1)</p> <p>EXPERIENCE (AS EMPLOYEE): Papua, New Guinea</p> <p>EXPERIENCE (AS CONSULTANT): Agriculture; USDA</p> <p>RESEARCH ACTIVITY ONE: Oil palm insect pest survey, West New Britain</p> <p>RESEARCH ACTIVITY TWO: Cacao weevil systematic evolutionary biogeographical studies</p> <p>RESEARCH ACTIVITY THREE: Dipteridae</p> <p>INTEREST IN WORKING WITH: Agriculture; State government; Conservation or Scientific Group International Organizations; U.S. Federal Government; Other Governments (3364)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides; Dredging, filling</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); Southeast(4,M); Pacific(3,M)</p> <p>AVAILABILITY (DAYS PER MONTH): None; spare time only at best; if of interest</p>	<p><146> Stockner, John G., 1940, PhD, 1967, Zoology, 604-926-1817 Pacific Env. Institute; Fish Research Board of Canada; 4160 Marine Drive; W. Vancouver, British Columbia, Canada</p> <p>PRINCIPAL FIELD: Limnology, Estuarine Ecology, Water Resource Management</p> <p>COMPETENCE: Animal Ecology(2); Anthropology(1); Aquatic Ecology(1); Entomology(3); Fishery Biology(3); Limnology(1); Marine Biology(3); Oceanography(2); Paleontology(2); Water Resources Management(1)</p> <p>EXPERIENCE (AS EMPLOYEE): Canadian</p> <p>EXPERIENCE (AS CONSULTANT): Mining; Utility; State government; Conservation group; Conservation group</p> <p>INTEREST IN WORKING WITH: Canadian Water Resource Management Group</p> <p>RESEARCH ACTIVITY TWO: Estuarine research</p> <p>RESEARCH ACTIVITY THREE: Algal communities in lakes</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1457)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Tailings disposal; disposal; Int. Res. Developmental Reserve Res.Dams; Hydroelectric power; Water quality control; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(3,M); North Central(2); Canada, western(1,M); Canada, northern(1,M); England(1)</p> <p>AVAILABILITY (DAYS PER MONTH): A,1; S,10</p>

2107

TAP:2 - RESPONSE 5
(ALPHABETICAL LISTING)

<41>

Taylor, Nathaniel W., 1922, PhD, 1958,
Mathematics, 067-722411
Mathematics; University of New England;
Armidale, NSW 2351, Australia

PRINCIPAL FIELD: Mathematical models on
populations of tribolium under laboratory
conditions

COMPETENCE: Population Biology(2); Systems
Analysis(3)

RESEARCH ACTIVITY ONE: Tribolium populations

INTEREST IN WORKING WITH: Conservation or
Scientific Group; U.S. Federal Government;
Asian; Canadian; European; Western (157)

GEOGRAPHIC FAMILIARITY (YEARS): Europe,
Western(7); Australia(30)

<148>

Thompson, Gerald E., 1940, MSc, 1972, Aquatic
Ecology, 403-268-8503
Fish & Wildlife Division; Dept. of Land &
Forests; 806 620-7th Ave. SW; Calgary T2P
0Y8, Canada

PRINCIPAL FIELD: Ecology and life history of
freshwater fishes

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(1); Fishery Biology(1); Environmental
Pollution(2); Limnology(2); Wildlife
Management(1)

EXPERIENCE (AS EMPLOYEE): Canadian

RESEARCH ACTIVITY ONE: Life history of Prosodium
Williamsoni in the Sheep River, Alberta

RESEARCH ACTIVITY TWO: Behavioral responses of
mountain whitefish and eastern brook trout

RESEARCH ACTIVITY THREE: Ecological impact of
proposed reservoir site on Bow River

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (3501)

IMPACT ASSESSMENT EXPERIENCE: Highways; Water
Resource Development/GENL., Reservoirs/Dams
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(2); Canada, western(4,6); Canada,
northern(0.5)

<149>

Thum, Alan P., 1943, PhD, 1972, Marine Ecology
Zoology Dept.; University of Cape Town;
University Avenue; Rondebosch; Cape, South
Africa

PRINCIPAL FIELD: Reproductive Ecology of Marine
Benthic Organisms and Distribution Abundance

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Biostatistics(3); Environmental
Pollution(2); Marine Biology(3);
Oceanography(3); Physiology(3); Population
Biology(2); Reproductive Biology(1);
Systematics(3)

RESEARCH ACTIVITY ONE: Reproductive ecology of an
estuarine copepod

RESEARCH ACTIVITY TWO: Sand beach meiofauna
ecosystem

INTEREST IN WORKING WITH: Private Sector;
Utility; Local Government; County or City
government; Local or regional planning group
State government; Conservation or Scientific
Group; International Organizations; U.S.
Federal Government; FPA; HEW; NSF; Other
Governments (3649)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling;
Beach nourishment

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(7,M); Africa(1)

AVAILABILITY (DAYS PER MONTH): A,20; S,30

<150>

Tosi, Joseph A Jr., 1921, PhD, 1959, Geography-22
62 41
Administrator and Land use Ecologist;
Tropical Science Center (Centro Cientifico
Tropical); Apartado 8-3870; San Jose, Costa
Rica

PRINCIPAL FIELD: Life zone system of ecological
analysis and mapping; land capability
classification; land management systems for
the tropics

COMPETENCE: Forestry(1); Environmental
Pollution(2); Horticulture(2);
Bioclimatology(1); Soil Science(2); Plant
Ecology(2); Wildlife Management(2);
Comparative land use systems(1)

EXPERIENCE (AS CONSULTANT): Agriculture;
Manufacturing; Mining; Transportation;
Utility; State government; Civic action
group; Conservation group; TIE; United
Nations; World Bank; IUCN; OAS; ODD; AID;
Central American; South American

RESEARCH ACTIVITY ONE: Ecological Reconnaissance
of the Guatapé hydroelectric power project

RESEARCH ACTIVITY TWO: Política de conservación de
recursos naturales del Peru

RESEARCH ACTIVITY THREE: Clasificación y
metodología para determinación capacidad de
uso mayor de la tierra en Colombia

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Mining; Transportation;
Utility; Local Government; State government;
Civic action group; Conservation group; TIE;
International Organizations; United Nations;
World Bank; IUCN; OAS; U.S. Federal
Government; Asian; African; Central American;
South American; Indo-Pacific (2447)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Highways; Parks, recreational
facilities; Soil erosion; Water Resource
Development (Genl); Reservoirs/Dams;
Watershed, forest, range; Flood control;
Irrigation; Water supply; Shoreline
protection; Land capability classification

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5);
Asia(1); Africa(1); Central America(13,M);
South America(12,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,15, Most of
year already contracted

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<151>

Trevor-Deutsch, Furlough, 1948, PhD, 1973,
Vertebrate Ecology, 613-231-4490
Biology Department; Colonel By Drive; Ottawa,
K1S 5B6, Ontario, Canada

PRINCIPAL FIELD: Mammal ecology, species to
community level; diet determination of
ancient man

COMPETENCE: Animal Ecology(1); Anthropology(2);
Entomology(3); Fishery Biology(3);
Environmental Pollution(2)

RESEARCH ACTIVITY ONE: Rabies transfer from bats
to mice in mines and caves

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (109)

IMPACT ASSESSMENT EXPERIENCE: Cave fauna
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada, eastern(4)

AVAILABILITY (DAYS PER MONTH): A,7; S,30

<152>

Ulfstrand, Staffan, 1933, PhD, 1968, Zoology
Ecology Building; Dept. Animal Ecology;
University of Lund; Helgonav 5; Lund S-22362,
Sweden

PRINCIPAL FIELD: Running water ecology, bird
ecology, conservation natural resources

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(1); Entomology(2); Environmental
Pollution(3); Limnology(3); Ornithology(1);
Taxonomy(3); Water Resources Management(3);
Wildlife Management(3); Tropical Ecology(3)

EXPERIENCE (AS EMPLOYEE): European, western

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; Conservation group;
Professional society; World Bank; European,
western

RESEARCH ACTIVITY ONE: Running water animal
communities in Subarctic

RESEARCH ACTIVITY TWO: Pesticide effects on bird
activity

RESEARCH ACTIVITY THREE: Migratory birds as air
traffic hazards

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1311)

IMPACT ASSESSMENT EXPERIENCE: Airports; Parks,
recreational facilities; Pesticides,
herbicides; Hydroelectric power; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Africa(1,M);
Europe, western(15,M)

<153>

Vanpeenen, Peter F., 1932, MD, 1957, Epidemiology
U.S. Navy; I36 Widjaja Djakarta; Jakarta,
Indonesia

PRINCIPAL FIELD: Epidemiology of zoonotic disease

COMPETENCE: Animal Ecology(2); Entomology(3);
Parasitology(1); Taxonomy(2); Epidemiology(1)

EXPERIENCE (AS EMPLOYEE): DOD

EXPERIENCE (AS CONSULTANT): County or city
government; United Nations; Asian

RESEARCH ACTIVITY ONE: Zoonoses of Indonesia

RESEARCH ACTIVITY TWO: Introduction of nonimones

RESEARCH ACTIVITY THREE: Schistosomiasis in
Celebes

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (360)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
Watershed, forest, range; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(8);
Middle Atlantic(4); Asia(5); Africa(3)

AVAILABILITY (DAYS PER MONTH): A,1; S,1

<154>

Veilleux, Clement M., 1940, MSc(MBA), 1965(72),
Fish Ecology, 418-623-7454
Treasury Board Quebec Government; 3449
Platanes; Orsainville; Quebec, Canada

PRINCIPAL FIELD: Freshwater fisheries and
wildlife management, master in public
administration

COMPETENCE: Animal Behavior(3); Aquatic
Ecology(2); Fishery Biology(7); Wildlife
Management(3)

RESEARCH ACTIVITY ONE: Planning proposal to
Quebec Wildlife Service

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1346)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(10,M); Canada, western(0,33)

AVAILABILITY (DAYS PER MONTH): Not before 1976

<155>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<155>

Venhuizen, Bradley A., 1944, MSc, 1970, Zoology,
604-987-3849
Biology Dept.; Capilano College; 1770
Mathers; West Vancouver; British Columbia, CA

PRINCIPAL FIELD: Teaching of general vertebrate
biology

COMPETENCE: Entomology(2); Genetics(2);
Physiology(2); Reproductive Biology(1)

INTEREST IN WORKING WITH: Agriculture; Mining;
Transportation; Utility; Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4004)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(M); North Central(M); Canada,
western(6,M)

AVAILABILITY (DAYS PER MONTH): A,5; S,25

<156>

Vitt, Dale W., 1944, PhD, 1970, Bryology,
403-432-652
Botany; Univ. of Alberta; Edmonton, Alberta,
CA

PRINCIPAL FIELD: Ecology and Systematics of
Bryophytes Particularly in Polar Regions

COMPETENCE: Plant Ecology(2); Population
Biology(2); Systematics(1); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): State government;
Professional society; NSF; Canadian

RESEARCH ACTIVITY ONE: Productivity of Arctic
Bryophytes

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining;
Transportation; Utility; County or city
government; Local or regional planning group;
State government; Conservation group;
Professional society; The Institute of
Ecology (TIE); The Nat'l Academy of Sciences
INRC; United Nations; AEC; CC; COE; DOD; HEW;
NSF; Canadian; South American (3979)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
Canada, western(3,M); Canada, northern(2,M);

<157>

Wadsworth, Carl E., 1939, PhD, 1970, Zoology,
808-293-9211
Dept. Natural Sciences; Church College of
Hawaii; Laie, Hawaii 96762, US

PRINCIPAL FIELD: Ecology of Vertebrates
(Primarily Mammals)

COMPETENCE: Animal Behavior(3); Animal
Ecology(1); Entomology(3); Ornithology(3);
Population Biology(2); Range Science(3);
Reproductive Biology(2); Water Resources
Management(3); Wildlife Management(3)

EXPERIENCE (AS EMPLOYER): USDI

RESEARCH ACTIVITY ONE: Herbicides and Animals in
Aspen Community

RESEARCH ACTIVITY TWO: Reproduction and Ecology
of RUTAMIAS

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; CC; COE;
EPA; USDI; NSF (3967)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks,
recreational facilities; Pesticides,
herbicides; Watershed, forest, range; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(2,M); Southwest(4,M); Hawaii(2)

AVAILABILITY (DAYS PER MONTH): A,4; S,2

<158>

Walker, James L., 1932, PhD, 1962, Soil
Sci(Trop)-Guat.680045
North Carolina State Univ. at Raleigh; ICTA
La Aurora Zona 13; Guatemala CENAMER,
Guatemala

PRINCIPAL FIELD: Tropical Agronomy and Soil
Science Fertilizer Use Economics All Climatic
Zones AG sector Analysis

COMPETENCE: Agronomy(1); Agricultural Science(2);
Anthropology(3); Horticulture(3); Pest
Control(3); Plant Ecology(3); Plant
Pathology(3); Soil Science(1); Systems
Analysis(3); Geology-Geochemistry(2);
Volcanology(2)

EXPERIENCE (AS EMPLOYEE): USDA

EXPERIENCE (AS CONSULTANT): Agriculture; Mining;
County or city government; Local or regional
planning group; State government; United
Nations; USDA; AID; Central American; South
American

RESEARCH ACTIVITY ONE: Crop Response to Plant
Nutrients-Seven Crops Trop-Tempr.

RESEARCH ACTIVITY TWO: El/Salvador Rule Soil
Science in Central-AG Sector Analysis

RESEARCH ACTIVITY THREE: Colombia Soil Climate
Constraint

INTEREST IN WORKING WITH: Agriculture; Mining;
County or city government; Local or regional
planning group; State government; Civic
action group; Conservation group;
Professional society; The Institute of
Ecology (TIE); The Nat'l Academy of Sciences
INRC; United Nations; World Bank; USDA; AEC;
USDC; CC; COE; DOD; EPA; HEW; HUD; USDI; NSF;
OST; AID; DOT; Asian; African; Central
American; Canadian; European, eastern;
European, western; South American; Middle
East (3113)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil
erosion; Tailings, spoils disposal

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(2,M); Hawaii(5,M); Central
America(8,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,3

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<159>

Wallen, Donald G., 1933, PhD, 1970, Marine Algal Ecology & Physiology, 519-253-4232
Biology; University of Windsor; Windsor, Ontario, Canada

PRINCIPAL FIELD: Light effects (intensity and quality) and temperature effects on metabolism of algae and their effects on energy flows in aquatic ecosystems

COMPETENCE: Aquatic Ecology(1); Fishery Biology(3); Limnology(2); Algal physiological ecology(1); Marine Biology(2); Plant Ecology(3); Water Resources Management(3)

RESEARCH ACTIVITY ONE: Fertilizer effect on productivity in Lake St. Clair

RESEARCH ACTIVITY TWO: The nature of photosynthate in phytoplankton populations in relation to light quality

RESEARCH ACTIVITY THREE: The effect of trace metals on growth and photosynthesis of algae

INTEREST IN WORKING WITH: Conservation group; The Institute of Ecology (TIE); The Nat'l. Academy of Sciences INRC; COE; EPA; HEW; NSF; Canadian (1922)

GEOGRAPHIC FAMILIARITY (YEARS): Canada, eastern(7); Canada, western(5,M)

<160>

Wanleelag, Boonsom, 1938, BS, 1972, Aquatic Entomology
Entomology; Kasetsart University; Paholyothin Road; Bangkok, Bangkok, Thailand

PRINCIPAL FIELD: Aquatic Entomology Limnology and Water Pollution are my Greatest Competence

COMPETENCE: Aquatic Ecology; Entomology(2); Environmental Pollution; Limnology; Pest Control; Water Resources Management

RESEARCH ACTIVITY ONE: Ecological and Aquatic Insects Studies in Vienna

RESEARCH ACTIVITY TWO: Investigation on Toxicity of Detergents and Sewage

RESEARCH ACTIVITY THREE: Radiation Effect Studies on Sparganotus milleriana

INTEREST IN WORKING WITH: Conservation or Scientific Group; The Institute of Ecology (TIE); International Organizations; FAO; U.S. Federal Government; HEW; Other Governments; European, eastern; European, western; South American (2089)

GEOGRAPHIC FAMILIARITY (YEARS): Europe, western(5.5)

AVAILABILITY (DAYS PER MONTH): A,26; S,26

<161>

Warkentin, Benno P., 1929, PhD, 1956, Soil Science, 514-453-8580
Soil Science Department; McGill University; Macdonald College; Ste Anne Bellevue, Quebec, Canada

PRINCIPAL FIELD: Physical soil properties related to water and waste management

COMPETENCE: Agronomy(2); Agricultural Science(3); Environmental Pollution(2); Soil Science(1); Water Resources Management(3)

EXPERIENCE (AS EMPLOYEE): Manufacturing; Civic action group; Professional society; Caribbean

RESEARCH ACTIVITY ONE: Soils for irrigation in Antigua, West Indies

RESEARCH ACTIVITY TWO: Waste Management in Soils

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (215)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil erosion

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(2); Northeast(4); Canada, eastern(14,M); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,R; S,20

<162>

Welch, Harold E., 1941, PhD, 1967, Zoology, 416-928-8538
Zoology Department Toronto; 23 4th Str.; Toronto, Ontario, Canada

PRINCIPAL FIELD: Limnological energy flow and arctic limnology

COMPETENCE: Animal Ecology(2); Aquatic Ecology(1); Limnology(1); Marine Biology(1)

RESEARCH ACTIVITY ONE: CCIPB Char Lake Project

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1992)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(4); Canada, eastern(2); Canada, northern(3,M)

<163>

Wickstrom, Conrad E., 1943, MA; (PhD), 1968; (1973), Biology, 503-686-4530
Dept. of Biology; University of Oregon; Department of Biology; Eugene, Oregon 97403, US

PRINCIPAL FIELD: Thermobiology and microbial ecology

COMPETENCE: Animal Ecology(2); Aquatic Ecology(2); Environmental Pollution(3); Limnology(3); Microbiology(1); Plant Ecology(2); Population Biology(3)

RESEARCH ACTIVITY ONE: Ecology of two thermophilic algae and an ostracod

INTEREST IN WORKING WITH: Local government; Conservation or scientific group; International organizations; U.S. federal government; Other government (1641)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(7,M)

<164>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<164>

Williams, D Dudley, 1946, MS, 1972, Freshwater
Biology, 519-885-1211
Dept. of Biology; University of Waterloo;
Ontario, CA

PRINCIPAL FIELD: Ecology of stream benthos

COMPETENCE: Aquatic Ecology(3); Limnology(3);
Marine Biology(3); Oceanography(3)

EXPERIENCE (AS CONSULTANT): Acres Pool. Consult.

RESEARCH ACTIVITY ONE: Distribution of animals in
streambeds

RESEARCH ACTIVITY TWO: Effect of installing
pipeline across Detroit River

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations: U.S. Federal Government (488)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(7,M); Europe, western(1)

AVAILABILITY (DAYS PER MONTH): A,7; S,10

<165>

Wong, Horne S., 1923, PhD, 1960, Entomology,
403-435-7210
Northern Forest Research Centre; Canadian
Forestry Service; 5320-122 Street; Edmonton,
Alberta T6B3T5, Canada

PRINCIPAL FIELD: Systematics of insects with
particular reference to sawflies

COMPETENCE: Anatomy(2); Animal Behavior(2);
Entomology(1); Forestry(2); Pest Control(2);
Systematics(1); Taxonomy(1)

EXPERIENCE (AS EMPLOYEE): Professional society;
Canadian

EXPERIENCE (AS CONSULTANT): Agriculture;
Construction; County or city government;
Local or regional planning group; State
government; Professional society; USDA;
Canadian

RESEARCH ACTIVITY ONE: A Canadian species of
Susana

RESEARCH ACTIVITY TWO: Doryctria in gall rust

RESEARCH ACTIVITY THREE: Spread of European
spruce sawfly

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; County or city
government; Local or regional planning group;
State government; Professional society;
United Nations; World Bank; IUCN; U.S.
Federal Government; Other Governments (402)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; Parks, recreational facilities;
Pesticides, herbicides; Watershed, forest,
range

GEOGRAPHIC FAMILIARITY (YEARS): North Central(3);
Canada, western(2,M); Canada, northern(2)

AVAILABILITY (DAYS PER MONTH): A,2; S,5

<166>

Zilke, Samuel, 1914, PhD, 1967, Agronomy (Weed
Science) and Ecology
Box 147; Springside, Saskatchewan SCA 3V0,
Canada

PRINCIPAL FIELD: Effect of environment
(biological and physical) on plants and plant
communities. Physiological ecology

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government;
Canadian

RESEARCH ACTIVITY ONE: Thistle seed development
and the effect of the environment on seed
germination and early seedling development of
thistles

RESEARCH ACTIVITY TWO: The spread of toadflax in
Saskatchewan and the effect of the
environment on weed seeds

RESEARCH ACTIVITY THREE: Ecological life
histories of persistent perennial weeds

INTEREST IN WORKING WITH: Agriculture;
Construction; Mining; Transportation;
Utility; Local Government; Conservation
group; Professional society; IIR; The Nat'l
Academy of Sciences INRC; International
Organizations; U.S. Federal Government;
Asian; African; Canadian; European, eastern;
European, western; South American; Australia
(716)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Soil erosion;
watershed, forest, range

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(4,M); Canada, western(15,M); Canada,
northern(4,M)

AVAILABILITY (DAYS PER MONTH): A,25; S,25

SECTION II

TABLE 2

INDEX BY COMPETENCE IN ECOSYSTEM MANAGEMENT

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

AGRICULTURAL
 AUSTRIA
 Butt, Billy A.
 AUSTRALIA
 Osborn, Andrew W.
 CANADA
 Foscolos, Anthony E.
 Hooper, Ruth L.
 Schori, Anton
 Slinkard, Alfred E.
 Specht, Harold B.
 Boughton, Glenn F.
 Christie, Bertram R.
 Fanning, Leoard M.
 Hodges, John
 Karkanis, Panayoti G.
 Mayer, Daniel P.
 Zilke, Samuel
 COSTA RICA
 Kidder, Gerald
 GUATEMALA
 Walker, James L.
 IRAN
 Gowing, Donald P.
 PAKISTAN
 Chowdhry, Inayat U.
 US
 Balsbaugh, Jr., Edward O.
 Czuba, Margaret A.
 Miskimen, George W.
 AIR POLLUTION
 US
 Czuba, Margaret A.
 ALPINE, SUBALPINE
 CANADA
 Douglas, George W.
 ANTARCTIC, COASTAL
 SWITZERLAND
 Boyd, John C.
 CHEMICAL POLLUTION
 AUSTRIA
 Butt, Billy A.
 CANADA
 Duffey, Robert R.
 Oloffs, Peter C.
 Robertge, Marcien R.
 US
 Balsbaugh, Jr., Edward O.
 Czuba, Margaret A.
 COASTAL
 CANADA
 Davies, Gordon S.
 Ellis, Derek V.
 Fischer, David W.
 Hancock, David A.
 La Roche, Gilles
 Lee, Robert K.
 ITALY
 Canzonier, Walter J.
 UNITED KINGDOM
 Barnes, Richard S.K.
 US
 Silker, Ted H.
 COASTAL, ESTUARINE
 CANADA
 Prouse, Nicholas J.
 Davies, Gordon S.
 Parsoas, Timothy Richard
 ITALY
 Idyll, Clarence P.
 MEXICO
 Flourie, Eric J.
 SOUTH AFRICA
 Thum, Alan E.
 UNITED KINGDOM
 Barnes, Richard S.K.
 US
 Seba, Douglas B.
 COASTAL, MARSHLAND
 CANADA
 Prouse, Nicholas J.
 Davies, Gordon S.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATICN)

COASTAL, MARSHLAND
 US
 Seba, Douglas B.

DESERT
 CANADA
 Fanning, Leonard M.
 Hettinger, Loren R.
 Karkanis, Panayoti G.
 Oechel, Walter C.

PAKISTAN
 US
 Chowdhry, Inayat U.
 Wadsworth, Carl E.

ENERGY FLOWS
 AUSTRALIA
 Ovington, John D.
 Parkhurst, David P.

CANADA
 Colby, Peter J.
 Colby, Peter J.
 Davies, Gordon S.
 Fanning, Leonard M.
 Miller, Robert J.
 Mitchell, Myron J.
 Oechel, Walter C.
 Rommel, Sentiel A.
 Wallen, Donald G.
 Welch, Harold E.

PHILIPPINES
 Miller, James

VENEZUELA
 Castellano, Eliseo

CANADA
 Bliss, Lawrence C.

FISHERIES
 AUSTRALIA
 McCarraber, Donald B.
 Potter, Michael A.

BRAZIL
 Davis, Stuart G.

CANADA
 Chevalier, John E.
 Fry, Frederick, EJ
 Robertson, Michael R.
 Stephansson, Stephan E.
 Stocck, Rudolph E.
 Thompson, Gerald E.

CEYLON
 Sachithanathan, Fanapathipiccal

COLOMBIA
 Parkhurst, Benjamin B.

INDIA
 Das, Asia F.

ITALY
 Idyll, Clarence P.

PHILIPPINES
 Miller, James

SWITZERLAND
 Boyd, John C.
 Goodwin, Barry A.

US
 Marshall, Thomas L.

FORECASTING
 US
 Pinkowski, Benedict C.
 Silker, Ted H.

FOREST, CONIFEROUS
 AUSTRIA
 Krott, Peter

AUSTRALIA
 Ovington, John D.

CANADA
 Banfield, Alexander W.F.
 Schori, Anton
 Auclair, Allan N.
 Benson, Crandall A.
 Desgranges, Jean-Luc
 Hettinger, Loren R.
 Lynch, Gerry M.
 Mitchell, Myron J.
 Oechel, Walter C.
 Parker, Thomas L.
 Pearson, Arthur M.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FOREST, CONIFEROUS

CANADA

Pollock, William Stewart
Trevor-Deutsch, Burleigh

PAKISTAN

Chowdhry, Inayat U.

SWITZERLAND

Goodwin, Harry A.

US

Silker, Ted B.

FOREST, DECIDUOUS

AUSTRALIA

Ovington, John D.

CANADA

Auclair, Allan N.
Benson, Crandall A.
Desgranges, Jean-Luc
Lynch, Gerry M.
Mitchell, Myron J.
Pollock, William Stewart
Roberge, Marcien R.
Trevor-Deutsch, Burleigh

COSTA RICA

Tosi, Joseph A Jr.

PAKISTAN

Chowdhry, Inayat U.

SWITZERLAND

Goodwin, Harry A.

US

Czuba, Margaret A.
Pfister, Donald B.
Silker, Ted H.

FORESTS

AUSTRALIA

Ovington, John D.

CANADA

Benson, Crandall A.
Panning, Leonard M.
Pollock, William Stewart
Roberge, Marcien R.
Salonius, Peter O.

COSTA RICA

Tosi, Joseph A Jr.

PAKISTAN

Chowdhry, Inayat U.

US

Silker, Ted H.

FRESH WATER, LAKE

AUSTRALIA

McCarragher, Donald B.

CANADA

Prouse, Nicholas J.
Chevalier, John R.
Davies, Gordon S.
Fry, Frederick, EJ
Gallup, Donald W.
Haynes, Robert C.
Ostrofsky, Milton L.
Robertson, Michael R.
Servizi, James A.
Stephansson, Stephan E.
Stocek, Rudolph P.
Stockner, John G.
Wallen, Donald G.
Welch, Harold E.

COLOMBIA

Parkhurst, Benjamin B.

FINLAND

Lehmsluoto, Pasi O.
Lehmsluoto, Pasi O.

SWITZERLAND

Boyd, John C.
Goodwin, Harry A.

US

Graf, Donald P.

FRESH WATER, RIVER

CANADA

Prouse, Nicholas J.
Chevalier, John R.
Lehkuhl, Dennis M.
Robertson, Michael R.
Servizi, James A.
Stocek, Rudolph P.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FRESH WATER, RIVER

CANADA
Thompson, Gerald E.
SWEDEN
Ulfstrand, Staffan
SWITZERLAND
Goodwin, Barry A.

GRASSLAND

AUSTRALIA
Barrett, Reginald H.
CANADA
Hooper, Ruth L.
Schori, Anton
Slinkard, Alfred E.
Boughton, Glenn R.
Panning, Leonard M.
Rodges, John
Parker, Thomas L.
Zilke, Samuel
SWITZERLAND
Goodwin, Barry A.

US
Balsbaugh, Jr., Edward O.
Silker, Ted H.

HEATH LAND

ENGLAND
Armstrong, Patrick H.

INLAND MINERAL WATERS

AUSTRALIA
McCarragher, Donald B.

ISLAND

CANADA
Poster, Bristol

LAND USE DESIGN

CANADA
Coleman, Derek J.
Dorney, Robert S.
Panning, Leonard M.
Fischer, David W.
Karkanis, Panayoti G.
Zilke, Samuel

COSTA RICA
Tosi, Joseph A Jr.

ENGLAND
Armstrong, Patrick H.

US
Perez, Gerald S.A.
Silker, Ted H.

LAND POLLUTION

CANADA
Schori, Anton
Bates, Thomas E.
Dorney, Robert S.
Panning, Leonard M.
Fischer, David W.
Hancock, David A.
Karkanis, Panayoti G.
Salonius, Peter O.
Zilke, Samuel

COSTA RICA
Kidder, Gerald

INDONESIA
Vanpeenen, Peter F.

US
Czuba, Margaret A.
Miskimen, George W.
Perez, Gerald S.A.
Pinkowski, Benedict C.
Silker, Ted H.

MARINE, CONTINENTAL SHELF

AUSTRALIA
Potter, Michael A.

CANADA
Ellis, Derek V.
Panning, Leonard M.
Littlepage, Jack L.
Miller, Robert J.
Parsons, Timothy Richard

CEYLON
Sachithanathan, Kanapathipiccal

US
Seba, Douglas E.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MARINE, GENERAL
 CANADA
 Johansen, Patricia L.
 Hancock, David A.
 La Roche, Gilles
 CEYLON
 Sachithananthan, Kanapathipiccal
 US
 Naines, Kenneth C.
 Seba, Douglas B.

MARINE, INTERTIDAL
 CANADA
 Davies, Gordon S.
 Hancock, David A.
 Lee, Robert K.
 Risk, Michael J.
 ITALY
 Idyll, Clarence P.
 Canzoniet, Walter J.
 SOUTH AFRICA
 Thum, Alan B.
 US
 Seba, Douglas B.

MARINE, OPEN OCEAN
 CANADA
 Prouse, Nicholas J.
 Fanning, Leonard H.
 Hancock, David A.
 Littlepage, Jack L.
 Parsons, Timothy Richard
 Rommel, Sentiel A.
 US
 Seba, Douglas B.

MAXIMIZING STABLE YIELDS
 AUSTRALIA
 Barrett, Reginald H.
 Ovington, John D.
 CANADA
 Benson, Crandall A.
 Fanning, Leonard H.
 Robertson, Michael P.
 COSTA RICA
 Kidder, Gerald
 Tosi, Joseph A Jr.
 GUATEMALA
 Walker, James L.
 SWITZERLAND
 Dasmann, Raymond P.
 US
 Silker, Ted H.

MEASURING ECOSYSTEM STRESS
 CANADA
 Banfield, Alexander W.F.
 Clark, William C.
 Bewley, Derek J.
 Bliss, Lawrence C.
 Ellis, Derek V.
 La Roche, Gilles
 Littlepage, Jack L.
 US
 Graf, Donald P.
 Page, Jerry L.
 Silker, Ted H.

MINERAL CYCLING
 AUSTRALIA
 Ovington, John D.
 CANADA
 Mitchell, Myron J.
 Roberge, Marcien R.
 Salonins, Peter O.
 US
 Czuba, Margaret A.

MONTANE COMMUNITIES
 CANADA
 Meredith, Don H.

NEW SPECIES INTRODUCTION
 AUSTRALIA
 Barrett, Reginald H.
 McCarragher, Donald B.
 CANADA
 Specht, Harold B.
 Foster, Bristol
 Wong, Rorne R.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

NEW SPECIES INTRODUCTION
 US
 Balsbanh, Jr., Edward D.
 Miskimen, George W.
 Pinkowski, Benedict C.
 Silker, Ted H.

NOISE POLLUTION
 CANADA
 Panning, Leonard M.

AIR POLLUTION
 CANADA
 Bliss, Lawrence C.
 Colby, Peter J.
 Colby, Peter J.
 Panning, Leonard M.
 Hancock, David A.

POPULATION DYNAMICS
 AUSTRALIA
 Barrett, Reginald H.
 Reinsohn, George E.
 Potter, Michael A.

CANADA
 Banfield, Alexander W. F.
 Specht, Harold B.
 Colby, Peter J.
 Colby, Peter J.
 Davies, Gordon S.
 Desgranges, Jean-Luc
 Fry, Frederick, EJ
 Hancock, David A.
 Kalf, Jacob
 Lee, Robert K.
 Lynch, Gerry M.
 Mitchell, Myron J.
 Robertson, Michael E.
 Sherman, Daryl K.
 Trevor-Deutsch, Burleigh
 Zilke, Samuel

INDONESIA
 Vanpeenen, Peter P

ITALY
 Idyll, Clarence P.

SWEDEN
 Olstrand, Staffan

SWITZERLAND
 Dasmann, Raymond P.

US
 Miskimen, George W.
 Page, Jerry L.
 Pinkowski, Benedict C.

PRODUCTIVITY
 AUSTRIA
 Krott, Peter

AUSTRALIA
 Ovington, John D.

CANADA
 Banfield, Alexander W. F.
 Vitt, Dale H.
 Benson, Crandall A.
 Colby, Peter J.
 Colby, Peter J.
 Davies, Gordon S.
 Gallup, Donald N.
 Hancock, David A.
 Haynes, Robert C.
 Littlepage, Jack L.
 Miller, Robert J.
 Mitchell, Myron J.
 Oechel, Walter C.
 Ostrofsky, Milton L.
 Wallen, Donald G.
 Welch, Harold E.
 Zilke, Samuel

FINLAND
 Lehmusluoto, Paal O.

VENEZUELA
 Castellano, Eliseo

US
 Silker, Ted H.

PROGRAMMING
 AUSTRALIA
 Parkhurst, David P.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

PROGRAMMING
CANADA
Auclair, Allan N.
Rommel, Sentiel A.
US
Pinkowski, Benedict C.

RADIATION POLLUTION
CANADA
Fanning, Leonard M.

RECREATIONAL
AUSTRALIA
Ovington, John D.
CANADA
Fischer, David W.
Hancock, David A.
Pollock, William Stewart
Robertson, Michael R.
ENGLAND
Armstrong, Patrick R.
PAKISTAN
Chowdhry, Inayat U.

RESERVOIR
CANADA
Haynes, Robert C.
Ostrosky, Milton L.
Parker, Thomas L.

RIVERS
CANADA
Robertson, Michael R.
SWEDEN
Ulfstrand, Staffan
SWITZERLAND
Goodwin, Barry A.

SAVANNAH
AUSTRALIA
Heinsohn, George E.
CANADA
Fanning, Leonard M.
Karkanis, Panayoti G.
SWITZERLAND
Goodwin, Barry A.
US
Silker, Ted H.

SMALL FRESHWATER BODIES
CANADA
Laird, Marshall

THERMAL EFFLUENT
CANADA
Gallup, Donald N.

THERMAL POLLUTION
CANADA
Fry, Frederick, EJ
Lehmkuhl, Dennis M.
US
Wickstrom, Conrad E.
CANADA
McCauley, Robert W.

TROPICAL
AUSTRALIA
Heinsohn, George E.
Ovington, John D.
CANADA
Fanning, Leonard M.
Poster, Bristol
Risk, Michael J.
CHILE
McParlane, Robert W.
COSTA RICA
Kidder, Gerald
Tosi, Joseph A Jr.
GUATEMALA
Walker, James L.
INDONESIA
Vanpeenen, Peter P.
PHILIPPINES
Miller, James
US
Palanrow, Marjorie V.C.
Miskimen, George W.
Pfister, Donald R.
VENEZUELA
Castellano, Eliseo

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

TDNDRA
CANADA
Banfield, Alexander W.F.
Vitt, Dale H.
Benson, Crandall A.
Bliss, Lawrence C.
Fanning, Leonard M.
Hettinger, Loren R.
Rohn, Otto E.
Johnson, Karen L.
Meredith, Don H.
Oechel, Walter C.
Pearson, Arthur M.
Robertson, Michael R.

URBAN
CANADA
Coleman, Derek J.
Dorney, Robert S.
Fanning, Leonard M.
Fischer, David W.

VOLCANICTERRAINS
GUATEMALA
Walker, James L.

WASTE RECYCLING
CANADA
Fanning, Leonard M.

WATER, FRESH POLLUTION
CANADA
Prouse, Nicholas J.
Gallup, Donald N.
Haynes, Robert C.
Karkanis, Panayoti G.
Ostrofsky, Milton L.
Servizi, James A.
Stockner, John G.
Thompson, Gerald E.

FINLAND
Lehmusluoto, Pasi O.

SWITZERLAND
Boyd, John C.

US
Graf, Donald P.

WATER, MARINE POLLUTION
CANADA
Ellis, Derek W.
Hancock, David A.
Lee, Robert K.
Littlepage, Jack L.

US
Seba, Douglas B.

WATERSHEDS
CANADA
Vitt, Dale H.
Colby, Peter J.
Colby, Peter J.
Davies, Gordon S.
Fanning, Leonard M.
Fischer, David W.
Pollock, William Stewart

PAKISTAN
Chowdhry, Inayat U.

SWITZERLAND
Goodwin, Harry A.

US
McNeely, Cyrus M.

WEATHER MODIFICATION
CANADA
Fanning, Leonard M.

WILDLIFE CENSUSING
US
Page, Jerry L.

WILDLIFE MANAGEMENT
AUSTRALIA
Barrett, Reginald H.
Reinsohn, George E.

AUSTRIA
Krott, Peter

CANADA
Banfield, Alexander W.F.
Hancock, David A.
Lynch, Gerry M.
Parker, Thomas L.
Pearson, Arthur M.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

WILDLIFE MANAGEMENT

CANADA

Schweinsburg, Raymond E.
Silco, Louis
Stocek, Rudolph P.

INDONESIA

Vanpeenen, Peter P.

PAKISTAN

Chowdhry, Inayat U.

SWITZERLAND

Dasmann, Raymond P.
Goodwin, Harry A.

US

Page, Jerry L.
Perez, Gerald S.A.
Pinkowski, Benedict C.

SECTION II

TABLE 3

INDEX BY KEYWORDS

INVS ARTHROPOD ECOLOGY CAPE HORN ISLANDS AQUATIC ECOLOGY	(ANIMAL) OF WATERS FERTILIZED BY HUMAN WASTES EC	16
IPS OF PERSISTENT PERENNIAL WEEDS EFFECT OF ENVIRONMENT	(BIOLOGICAL AND PHYSICAL) ON PLANTS AND PLANT CO	166
METABOLISM RESIDUES (SOILS WATERS PLANT) TOXICOLOGY	(HEPATIC DYSFUNCTION AND PESTICIDE INTERACTIONS)	101
SWAMP ECOLOGY OF BRACKISH-WATERS ESPECIALLY ESTUARIES	(INC. PHYSIOLOGY AND TAXONOMY OF ESTUARINE ANIMA	7
ALS ON GROWTH AND PHOTOSYNTHESIS OF ALGAE LIGHT EFFECTS	(INTENSITY AND QUALITY) AND TEMPERATURE EFFECTS	159
LES TAXONOMY AND BIOLOGY OF THE OPERCULATE DISCOCYPTES	(PELIZALES) MONOGRAPHIC STUDIES OF PSILOPEZIA AN	113
DUCTION AND ECOLOGY OF BOTANIAS ECOLOGY OF VERTEBRATES	(PRIMARILY MAMMALS) HERBICIDES AND ANIMALS IN AS	157
60 IN SOILS AND PLANTS PESTICIDES METABOLISM RESIDUES	(SOILS WATERS PLANT) TOXICOLOGY (HEPATIC DYSF	101
RMS AND SUPERFICIAL DEPOSITS AND THEIR RELATIONSHIP TO THE	"GRASS ROOTS" OF ECOLOGICAL SYSTEMS COAL PROPERT	122
OLUNT SURVEY OF THE BLACKWATER ESTUARY ECOLOGY OF LAGGON	"THE SWANPOOL" ECOLOGY OF BRACKISH-WATERS ESPP	7
AL ANALYSIS CHEM. THERMO. ANALYSIS OF SILICATES BY ATCH	ABSORP SPECTROSCOPY ANALYSIS OF CARBON AND SULPH	49
TRIBUTION ABUNDANCE REPRODUCTIVE ECOLOGY OF AN ESTUARINE	ACCOL SAND BEACH MEGALOPODA ECOSYSTEM REPRODUCTI	149
IPS DIVERSITY SILURIAN ECRUROID TRACES ALGAL POOLING ON	ACRYLIC PLATES INFLUENCE OF SUBSTRATE TYPE ON P	124
RITAL CRITERIA COMPUTER MAPPING CALIF. LAND CONSERVATION	ACT EFFECTIVENESS SAC. CO. PLANNING EXECUTIVE EP	71
P SYSTEMS GENETIC EVALUATION OF PERCHER CATTLE IN ENGLAND	ADAPTATION OF CATTLE TO ISRAELI CONDITIONS ANIM	63
ZES IN VARIOUS ENVIRONMENTS DDT TRANSFERS IN ECOSYSTEMS	ADAPTATIONS OF PLANTS FOR HEAT AND MASS TRANSFER	109
IRAPPE DANGER OF EAGLES TO AIRCRAFT AT AIRPORTS IN B.C.	ADAPTION OF AFRICAN MAMMALS TO ENVIRONMENT; PART	50
E STUDY OF SENSORY DEVELOPMENT AND LEARNING PROCESSES IN	ADULT FORMS DISCRIMINATION LEARNING IN RATS AND G	17
Y RESOURCES DETOXIFICATION OF KRAFT MILL EFFLUENT BY AN	ABERATED LAGOON TOXICITY OF MUNICIPAL SEWAGE OF S	136
CHRISTMAS TREE FERTILIZATION AND PROTECTION LARGE SCALE	APRIAL APPLICATION OF UREA TO FOREST NITROGEN T	125
TS WITH DOW INSECTICIDES CONTROL OF PERENNIAL GRASSES IN	APPROPRIATION AREAS CONTROL OF INSECTS OF IMPORT	1
V SOUTHERN SPAIN LAND USE CHANGE IN NATAL MIDLANDS SOUTH	AFRICA APPLICATION OF ECOSYSTEM CONCEPT IN LAND	3
P IN EUROPE TRINIDAD INDIA PAKISTAN MALAYA AND WEST	AFRICA ARGENTINA. BIOLOGICAL CONTROL OF INSECT	140
NG GRADUATE STUDENTS IN WILDLIFE PCOLOGY ECOLOGY OF EAST	AFRICAN GAME ESPECIALLY GIRAFFE DANGER OF EAGLE	50
P OF EAGLES TO AIRCRAFT AT AIRPORTS IN B.C. ADAPTION OF	AFRICAN MAMMALS TO ENVIRONMENT; PARTICULARLY GIR	50
SOIL SCIENCE FERTILIZER USE ECONOMICS ALL CLIMATIC ZONES	AG SECTOR ANALYSIS CROP RESPONSE TO PLANT NUTRIE	158
TO CHANGES IN THE RIVAL PREFERENCE OF YELLOW PERCH WITH	AGE MINIMIZING POLLUTION CAUSED BY DEAD ALEWIVES	91
STIMULI AND NEST BUILDING IN THE ZEBRA FINCH EFFECTS OF	AGONISTIC DISPLAYS IN BARBUS STOLICKANUS PAPENTA	41
TO PUBLIC HEALTH RESEARCH DEVELOPMENT AND MARKETING CP	AGRICULTURAL CHEMICALS PARTICULARLY PESTICIDES C	1
RA POSTICA AGRICULTURAL INSECTS CP TONGA, SOUTH PACIFIC	AGRICULTURAL INSECT BIOLOGY AND CONTROL IN TEMPE	85
PHYSIOLOGY - BIONOMICS OF ALPALPA WEEVIL HYPERA POSTICA	AGRICULTURAL INSECTS OF TONGA SOUTH PACIFIC AG	85
EVALUATION OF BIOLOGICAL CONTROL EVALUATION OF CANADIAN	AGRICULTURAL PESTS PARASITES & PREDATORS OF ORCH	10
IL GENESIS AND CLASSIFICATION SOIL SURVEY LAND USE PCR	AGRICULTURE REC. ENGINEERING SOIL SURVEY AND L	133
COMMERCIAL BANANA PRODUCTION AND RESEARCH RESEARCH	AGRONOMIST	75
CTOR ANALYSIS COLOMBIA SOIL CLIMATE CONSTRAINT TROPICAL	AGRONOMY AND SOIL SCIENCE FERTILIZER USE ECONOMI	158
IC PESTICIDE EFFECTS ON BIRD ACTIVITY MIGRATORY BIRDS AS	AIR TRAFFIC HAZARDS RUNNING WATER ECOLOGY BIRD	152
AST AFRICAN GAME ESPECIALLY GIRAFFE DANGER OF EAGLES TO	AIRCRAFT AT AIRPORTS IN B.C. ADAPTION OF AFRICA	50
POPULATION STUDIES IN FORESTS NEAR MONTREAL INTERNATIONAL	AIRPORT AREA ECOLOGY BIRDS AIRPORT MONTREAL MIGR	31
TS NEW MONTREAL INTERNATIONAL AIRPORT AREA ECOLOGY BIRDS	AIRPORT MONTREAL MIGRATION FLYWAY OF SHORE BIRDS	31
GAME ESPECIALLY GIRAFFE DANGER OF EAGLES TO AIRCRAFT AT	AIRPORTS IN B.C. ADAPTION OF AFRICAN MAMMALS TO	50
CN CALIFORNIA WILDLIFE-LOGGING RELATIONSHIPS SOUTHEAST	ALASKA LARGE MAMMAL ECOLOGY - POPULATION DYNAMI	8
THE HISTORY OF PROSODIUM WILLIAMSONI IN THE SHEEP RIVER	ALBERTA BEHAVIORAL RESPONSES OF MOUNTAIN WHITEPI	148
GT IN WASHINGTON STATE HABITAT SELECTION IN 2 SPECIES OF	ALBERTA CHIPMUNKS MAMMALIAN ECOLOGY - HABITAT U	94
OF BIOTA HEATED EFFLUENT AT HIGH LATITUDES INVENTORY CP	ALBERTA LAKES DISTRIBUTION ECOLOGY TAXONOMY	52
ERVATION AND CHEMISTRY SOILS OF THE KANANASKIS VALLEY CP	ALBERTA CANADA DESERT CREEP CONTROL IN NORTHERN	73
CTION OF FISH FISH CULTURE FACTORS CAUSING MORTALITY IN	ALEWIVES IN LAKE ONTARIO CHANGES IN THE PINAL PR	91
ELLOW PERCH WITH AGE MINIMIZING POLLUTION CAUSED BY DEAD	ALEWIVES ON BEACHES TERRESTRIAL RELATIONS OF FISH.	91
AND FISH COMMUNITIES TO ENVIRONMENTAL STRESS RESPONSE CP	ALEWIVES TO ENVIRONMENTAL STRESS EFFECT OF TEMPE	28
AND FISH COMMUNITIES TO ENVIRONMENTAL STRESS RESPONSE OF	ALEWIVES TO ENVIRONMENTAL STRESS EFFECT OF TEMPE	29
FRATE AND SUBTROPICAL AREAS ECOPHYSIOLOGY - BIORHONICS OF	ALPALPA WEEVIL HYPERA POSTICA AGRICULTURAL INSE	85
E EFFECT OF TRACE METALS ON GROWTH AND PHOTOSYNTHESIS OF	ALGAE LIGHT EFFECTS (INTENSITY AND QUALITY) AND	159
HE ALGAE OF THE CANADIAN ARCTIC SYSTEMATICS OF CORALLINE	ALGAE SYSTEMATICS AND ECOLOGY OF MARINE ALGAE M	82
TOLOGY AND MICROBIAL ECOLOGY ECOLOGY OF TWO THERMOPHILIC	ALGAE AND AN OSTRACOD THERMOB	163
TY AND QUALITY) AND TEMPERATURE EFFECTS ON METABOLISM OF	ALGAE AND THEIR EFFECTS ON ENERGY FLOWS IN AQUAT	159
CS OF CORALLINE ALGAE SYSTEMATICS AND ECOLOGY OF MARINE	ALGAE MARINE ALGAE OF THE CANADIAN ARCTIC SYSTEM	82
NE ALGAE SYSTEMATICS AND ECOLOGY OF MARINE ALGAE MARINE	ALGAE OF THE CANADIAN ARCTIC SYSTEMATICS OF CORA	82
EUTROPHICATION OF RELSTIRKI CITY SEA AREA DEVELOPMENT OF	ALGAL ASSAY PROCEDURE EUTROPHICATION OF WATERS	84
WAGAN WATER RESOURCE MANAGEMENT STUDY ESTUARINE RESEARCH	ALGAL COMMUNITIES IN LAKES LIMNOLOGY ESTUARINE E	146
ROGOSITY AND SPECIES DIVERSITY SILURIAN ECRUROID TRACES	ALGAL POOLING ON ACRYLIC PLATES INFLUENCE OF SO	124
ING SEAWATER INTAKE SCREER CLEAN PHYTOPLANKTON ECOLOGY;	ALGAL MASS CULTURES MARICULTURE ADVICE ON PERMAN	56
HAR LAKE PROJECT LAKE MEMPHRETAGOG PROJECT	ALGAL POPULATION CYCLES - EUTROPHICATION CCIBP C	72
S DEVELOPMENT TASK FORCE FISHERIES RESOURCE ASSESSMENT	ALLOCATION AND MANAGEMENT AQUATIC ASSESSMENT OF	126
T WOLVERINE IN SCANDINAVIA BEAR IN ALPES CAPERCAILLIE IN	ALPES GAME RESEARCH AND GAME MANAGEMEN	76
RCH AND GAME MANAGEMENT WOLVERINE IN SCANDINAVIA BEAR	ALPES CAPERCAILLIE IN ALPES GAME BESPE	76
EMENT SURVEY ENVIRONMENTAL PROTECTION BOARD ARCTIC AND	ALPINE PLANT ECOLOGY AND ARCTIC ECOSYSTEM AND P	14
GY OF VEGETATION OF DAMAGED AREAS CASCADE PASS WASH.	ALPINE-SUBALPINE COMMUNITIES CASCADE RANGE WA	39
EAL MIGRATION FLYWAY OF SHORE BIRDS EASTERN-QUEBEC NORTH	AFRICA BREEDING BIRD SURVEY BIRD POPULATION ST	31
OF FISH ENVIRONMENTAL PHYSIOLOGY OF FISH - ENERGETICS	ANAEROBIOSIS AND BEHAVIOR BIOLOGY OF VAIGAI DAM	78
PLANT INDICATORS OF TIMBERGRANGE-WILDLIFE CLASS SYSTEMS	ANATISYS; GEOLOGY/SOIL/PLANT ASSOC. AND LAND MGT	139
DOCERS EFFECT OF UREA FERTILIZER ON BLACK SPRUCE REGEN.	ANATOMY OF TREES AND FOREST MANAGEMENT ASSESMEN	11
N OF APICES ULTRASTRUCTURE OF CULTURED MOSS CELLS PLANT	ANATOMY PLANT ULTRASTRUCTURE (?) REGENERATION IN	68
LOGY SPECIES TO COMMUNITY LEVEL; DIET DETERMINATION OF	ANCIENT MAN BABIES TRANSFER FROM BATS TO MICE IN	151
ATION OF THE PROPOSED TRANS-CANADIAN PIPELINE STUDY OF	ANIMAL BEHAVIOR & ECOLOGY ECOLLARED PECCARY IN T	134
E IN ENGLAND ADAPTATION OF CATTLE TO ISRAELI CONDITIONS	ANIMAL BREEDING AND GENETICS ESPECIALLY GROWTH	63
AVOR OF COPEINA ARROLDI VERTEBRATE SOCIAL BEHAVIOR AND	ANIMAL COMMUNICATION SOCIAL STIMULI AND NEST BOI	41
RD ECOLOGY CONSERVATION NATURAL RESOURCES RUNNING WATER	ANIMAL COMMUNITIES IN SUBARCTIC PESTICIDE EFFECT	152
T RELATES TO ENERGY FLOW AND POPULATION DYNAMICS OF SOIL	ANIMALS ENERGY FLOW IN MITES OF AN ASPEN WOODLAN	98
LOGY OF VERTEBRATES (PRIMARILY MAMMALS) HERBICIDES AND	ANIMALS IN ASPEN COMMUNITY REPRODUCTION AND ECOL	157
DETOXIFY RIVER ECOLOGY OF STREAM BERTHOS DISTRIBUTION OF	ANIMALS IN STREAMBEDS EFFECT OF INSTALLING PIPEL	164
ERACTIONS) SIGNIFICANCE OF PESTICIDE RESIDUES IN MAN AND	ANIMALS WITH IMPAIRED HEPATIC METABOLISM PATE AN	101
LLY ESTUARIES (INC. PHYSIOLOGY AND TAXONOMY OF ESTUARINE	ANIMALS) SURVEY OF THE SOLENT SURVEY OF THE BLAC	7
LISH OF BLACK-CAPPED CRICKADEERS GEOGRAPHIC VARIATION OF	ANIMALS; EVOLUTION AND SYSTEMATICS EVOLUTION OF	123
TRACE ELEMENT CHEMISTRY OF OCEANS & IN PARTICULAR CP	ANOXIC SYSTEMS	48
STES ECOLOGY OF PERCH OF LAC LEMAN INTERNAL TEMPERATURES	ANTARCTIC PENGUINS ARTHROPOD ECOLOGY CAPE HORN T	16
ED TO WATER AND WASTE MANAGEMENT SOILS FOR IRRIGATION IN	ANTIGUA WEST INDIES WASTE MANAGEMENT IN SOILS	161

TABLE 1 RESEARCH OR CONSOLIDATION EXPERIENCE AND PRINCIPLE FIELD

CO CUTWORMS INSECT AND MITE ECOLOGY ORCHARD APPLE PFA	142
ORCHARD APPLE PFA APHID ECOLOGY TOBACCO CUTWORMS APHID	142
LE PFA APHID ECOLOGY TOBACCO CUTWORMS APHID PFA	142
ANATOMY PLANT ULTRASTRUCTURE(1) REGENERATION IN GLOBAL	62
IN GLOBAL APICES CYTOLOGICAL CHGS FOLLOWING BISECTION OF	64
LOGY ORCHARD APPLE PFA APHID ECOLOGY TOBACCO CUTWORM	142
PHIDS TOBACCO CUTWORMS INSECT AND MITE ECOLOGY ORCHARD	142
APPLE PFA APHID ECOLOGY TOBACCO CUTWORMS APPLE	142
ELS IN THE SPA ESTUARINE MANAGEMENT ESTUARINE MANAGEMENT	140
AND SEDIMENTS ACTION OF ORGANIC AND METALLIC SALTS UPON	2
FISHERIES RESOURCE ASSESSMENT ALLOCATION AND MANAGEMENT	126
SANCTUARY AND COMMUNITY RELATIONSHIPS FISHERIES BIOLOGIST	21
ANTARCTIC PERGOINS ARTHROPOD ECOLOGY CAPE HORN ISLANDS	16
UNA CANNERY POLLUTION BY PHOTOGRAPHY CULTURAL EFFECTS ON	66
OF WEST INTERIOR OF CANADA EPHEMEROPTERA RIVER ECOLOGY	83
METABOLISM OF ALGAE AND THEIR EFFECTS ON ENERGY FLOWS IN	169
AGE RADIATION EFFECT STUDIES ON SPARGANOTIS HILLEBRANDIA	160
ECOLOGY WATER POLLUTION THERMAL POLLUTION BY A RESERVOIR	81
A RESERVOIR AQUATIC INSECTS OF ARCTIC PONDS TAXONOMY OF	47
ATER POLLUTION ARE MY GREATEST COMPETENCE ECOLOGICAL AND S.	160
SILT BAY, CEBU POPULATION AND PRODUCTION ECOLOGY OF	97
LARVAE ENVIRONMENTAL STUDY BOUNDARY LAM THERMAL STUDY	133
MENTAL MANAGEMENT SURVEY ENVIRONMENTAL PROTECTION BOARD	14
RES & PTARMIGAN ENDOCRINOLOGY PARTICULARLY REPRODUCTIVE	64
BRYOPHYTES PARTICULARLY IN POLAR REGIONS PRODUCTIVITY OF	156
RENCE TO INTERPRETATION OF CONSERVATION VALUES TO PUBLIC	57
AL PROTECTION BOARD ARCTIC AND ALPINE PLANT ECOLOGY AND	18
T ECOLOGY AND ARCTIC ECOSYSTEM AND PERTURBATION STUDIES	14
N STUDIES ARCTIC ENVIRONMENTAL MANAGEMENT PARARCTIC OILS	14
LIMNOLOGICAL ENERGY FLOW AND	162
DESERTS OF THE S.W. U.S. ECOLOGY AND CO2 GAS EXCHANGE OF	100
TION THERMAL POLLUTION BY A RESERVOIR AQUATIC INSECTS OF	83
ESSEMENT ALLOCATION AND MANAGEMENT AQUATIC ASSESSMENT OF	126
AND ECOLOGY OF MARINE ALGAE MARINE ALGAE OF THE CANADIAN	82
FLOW IN HOMIC LAKES EUTROPHICATION OF HELSINKI CITY SEA	84
ON STUDIES IN FORESTS NEW MONTREAL INTERNATIONAL AIRPORT	31
URALPINE COMMUNITIES CASCADE RANGE WA NATURAL RESEARCH	79
OPE TRINIDAD INDIA PAKISTAN MALAYA AND WEST AFRICA	140
Y OF ANIMAL BEHAVIOR & ECOLOGY COLLARED BECCARY IN THE	134
PLAYS IN BARBUS STOLICKANUS PARENTAL BEHAVIOR OF COPRINA	43
CH OF LAC LEMAN INTERNAL TEMPERATURES ANTARCTIC PERGOINS	16
OGY PRIMARY PRODUCTION ARTIFICIAL CIRCULATION OF LAKES	59
TROPHICATION PHYTOPLANKTON ECOLOGY PRIMARY PRODUCTION	59
ECOLOGY EFFECT OF CHANGING WATER TABLE ON HARDWOOD FOREST	116
EPTEBRATES (PRIMARILY MAMMALS) HERBICIDES AND ANIMALS IN	157
TION DYNAMICS OF SOIL ANIMALS ENERGY FLOW IN MITES OF AN	94
PHICATION OF HELSINKI CITY SEA AREA DEVELOPMENT OF ALGAL	84
MANAGEMENT WORKSHOPS AN APPROACH TO ENVIRONMENTAL IMPACT	35
S RESOURCE ASSESSMENT ALLOCATION AND MANAGEMENT AQUATIC	126
SSMENT OF LAKES FOR FISHERIES DEVELOPMENT AND MANAGEMEN	143
HOOK BEACH BROSTON ENVIRONMENTAL STATEMENT PLANNING AND	93
AGEMENT ASSESSMENT OF FISHERIES STOCKS IN N.W.T. LAKES	103
CK SPRUCE REGEN. ANATOMY OF TREES AND FOREST MANAGEMENT	11
NWT FISHERIES DEVELOPMENT TASK FORCE FISHERIES RESOURCE	126
NGE-WILDLIFE CLASS SYSTEMS ANALYSIS; GEOLOGY/SOIL/PLANT	139
MMOLOGY REPORT ON BIRDS LAKE AT HABASUA REGION FOR PEACE	64
S IN DEEP OCEAN ECOLOGICAL STUDIES OF INSHORE WATERS OF	22
BIOLOGY OF VAIGAI DAM FISHES ENVIRONMENTAL PHYSIOLOGY OF	78
TOGRAPHY CULTURAL EFFECTS ON AQUATIC ECOLOGY EFFECTS OF	65
RENIAL ANALYSIS CHEM. THERMOD. ANALYSIS OF SILICATES BY	49
AL METHODS OF INSECT CONTROL STERILE MALE TECHNIQUE AND	18
MNAL ECOLOGY AND BEHAVIOR ECOLOGY OF MARSUPIALS WESTERN	60
AVAILABILITY IN FOREST SOILS NITROGEN IN SOIL WA	125
S OF INSECTS BIOLOGICAL CONTROL IN MEDICAL ENTOMOLOGY &	80
CONTROL IN MEDICAL ENTOMOLOGY & AVIAN BLOOD PARASITOL	80
ALLY GIRAFFE DANGER OF EAGLES TO AIRCRAFT AT AIRPORTS IN	50
Y PENNSYLVANIA GAME COMMISSION RO RESEARCH EXPERIENCES	74
IODS ASPECTS OF PARASITIC DISEASES IN OYSTER POPULATIONS	19
RATS AND GUINEA PIGS BARPRESSING IN GUINEA PIGS AND RATS	17
ARCTIC ECOLOGY ECOLOGY OF SEA BIRD ISLAND ECOLOGY OF THE	97
ST COMMERCIAL	75
GY OF EASTERN BLUEBIRD VOCALIZATIONS OF EASTERN BLUEBIRD	115
ON OF MAPLE SUGAR GROVES STUDY OF REVEGETATION EXPOSED	116
DING IN THE ZEBRA FINCH EFFECTS OF AGONISTIC DISPLAYS IN	41
OLT FORMS DISCRIMINATION LEARNING IN RATS AND GUINEA PIGS	17
EGY CHANGES IN CHTHUAHOMAN DESERT VEGETATION OF DRAINAGE	81
INTERACTIONS GROUNDWATER-FACIATED CRYST. ROCKS-RESEARCH	61
AND NATURAL RESOURCES STUDY OF GUAM DOVES STUDY OF FRUIT	112
; DIET DETERMINATION OF ANCIENT MAN BABIES TRANSFER FROM	151
AGEMENT ENVIRONMENTAL IMPACT OF NORTHERN PIPELINES JAMES	6
IES LAHUG CREEK CEBU REVIEW ECOLOGICAL STUDIES SILT	95
EMENT MOD MOUNTAIN DAM ENVIRONMENTAL STATEMENT EDIZ HOOK	93
RONDANCE REPRODUCTIVE ECOLOGY OF AN ESTUARINE ACCEL SAND	149
WITH AGE MINIMIZING POLLUTION CAUSED BY DEAD ALEWIVES ON	91
ECIALY CARNIVORES ECOLOGY OF NORTHERN INTERIOR GRIZZLY	111
BEAR ECOLOGY OF LARGE MAMMALS ES	111

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

THE RESEARCH AND GAME MANAGEMENT WOLVERINE IN SCANDINAVIA	GA	76
STUDIES IN DRY FISH STUDIES IN FISHERIES FOOD TECHNOLOGY	GA	128
ESPECIALY GROWTH AND MILK AND MEAT PRODUCTION OF RUMINANTS	GA	53
ELECTROPHYSIOLOGY OF INSECTS - ENVIRONMENTAL EFFECTS ON	GA	97
THE PROPOSED TRANS-CANADIAN PIPELINE STUDY OF ANIMAL	GA	134
PARENTAL BEHAVIOR OF COPEINA ARNOLDI VERTEBRATE SOCIAL	GA	41
BEING A RESERVOIR SITE WILDLIFE - HABITAT RELATIONSHIPS	GA	132
DETAILED SIGANID CULTURE TECHNIQUES IN THE SO. PACIFIC FISH	GA	58
RENTAL PHYSIOLOGY OF FISH - ENERGETICS ANAEROBIOSIS AND	GA	78
AND TAXONOMY ARE THE FIELDS OF GREATEST COMPETENCE SOME	GA	58
LOGY AND CONSERVATION OF THE DUGONG MAMMAL ECOLOGY AND	GA	60
PACIFIC SALTS UPON AQUATIC AND MARINE MICROBES; PATE AND	GA	2
CUES OF ALGONOSTIC DISPLAYS IN BARBUS STOLICKARUS PARENTAL	GA	41
AN AND ANIMALS WITH IMPAIRED REPATIC METABOLISM PATE AND	GA	101
LOGY ECOLOGICAL PECCARY IN THE ARIZONA DESERT MIGRATION &	GA	134
Y BIOLOGICAL CONTROL OF SOLDIER FLIES DISPERSION DURING	GA	102
ERT OF PRODUCTION WILLIAMSONI IN THE SHEEP RIVER ALBERTA	GA	148
ERGETICS OF CLOSTRIDIUM POPULATION ENERGY FLOW IN MARINE	GA	96
EACH REPRODUCTION ECOSYSTEM REPRODUCTIVE ECOLOGY OF MARINE	GA	121
ATCAN DEMOSPONGIAE FEEDING AND ENERGY BUDGETS OF MARINE	GA	149
TALLING PIPELINE ACROSS DETROIT RIVER ECOLOGY OF STREAM	GA	164
DEER RESEARCH LECTURE SMALL MAMMAL POPULATION RESEARCH	GA	77
Y A CRACA CRACA STUDIES ON THE DIGESTIVE ORGANS OF ONPK	GA	33
HEMISTRY PLANT PHYSIOLOGY PLANT GROWTH AND DEVELOPMENT	GA	12
Y ROLE OF INITIATION FACTORS IN PROTEIN SYNTHESIS PLANT	GA	12
Y WEST BRITAIN CACAO BEVIL SYSTEMATIC EVOLUTIONARY	GA	144
IDEAE SYSTEMATICS OF INSECTA LEADING TO EVOLUTIONARY AND	GA	144
ADATION OF STREAM AND LAKE FISHERY MANAGEMENT PRACTICES	GA	88
TION ON MACROFAUNA PHC OF CANADA LTD ENVIRONMENTAL STUDY	GA	46
W BIOLOGICAL CONTROL INSECT SYSTEMATICS EVALUATION OF	GA	10
PROSOM IN VITRO MASS PRODUCTION OF PATHOGENS OF INSECTS	GA	80
GY ZOOGEOGRAPHY OF COLEOPTERA ESPECIALI CHRYSOMELIDAE	GA	5
D, INDIA, PAKISTAN, MALAYA, AND WEST AFRICA, ARGENTINA.	GA	140
LOGY AVIAN HAEMATOZOA AS ENVIRONMENTAL QUALITY CRITERIA	GA	80
D.L.V. ECOLOGICAL SIGNIFICANCE AND BIOLOGY OF SOLDIER FLY	GA	102
PARASITES & PREDATORS OF ORCHARD PESTS PEST MANAGEMENT	GA	97
PHYSIOLOGICAL ECOLOGY: POPULATION DYNAMICS; PHYSICAL AND	GA	10
PHICS OF CRANES ECOLOGICAL STUDIES ON THE JAPANESE CRANE	GA	62
COMMERCIAL FISH FISHERIES MANAGEMENT BOTH ECONOMIC AND	GA	36
A ESTUARINE MANAGEMENT ESTUARINE MANAGEMENT AQUACULTURE	GA	110
VEY OF THE PLANT COMMUNITIES OF MANITOBA - INTERNATIONAL	GA	70
ESTIMATES AND ECOLOGICAL SURVEYS OF BIRDS PACIFIC OCEAN	GA	92
TEACHING OF GENERAL VERTEBRATE	GA	155
RAL INSECTS OF TONGA, SOUTH PACIFIC AGRICULTURAL INSECT	GA	85
DYNAMICS OF KING PRAWN POPULATIONS IN QUEENSLAND	GA	117
ULATION DYNAMICS OF SHRIMP COMMERCIAL CULTURE OF SHRIMP	GA	67
BIOLOGY AND POPULATION DYNAMICS FISH AND INVERTEBRATES	GA	67
SUBMARINE CAVES DEEP SUBMERSSIBLE SURVEY OF JAMAICA REEFS	GA	121
N DESIGN AND CONSTRUCTION OF SHELLFISH DEPURATION PLANT	GA	19
PTEBA NUMERICAL TAXONOMY FOREST ENTOMOLOGY EVOLUTIONAL	GA	129
STRUCTURE AND ITS FIELD EFFECTS ENERGY RELATIONSHIPS IN	GA	127
MADAGASCAR INSECTS WITH D.L.V. ECOLOGICAL SIGNIFICANCE AND	GA	102
ACHRYELLA CHECK LIST OF CARIBBEAN PEZIZALES TAXONOMY AND	GA	113
D TO PEST CONTROL POPULATION DYNAMICS OF SUGARCANE PESTS	GA	97
ISIOLOGY OF FISH - ENERGETICS ANAEROBIOSIS AND BEHAVIOR	GA	78
TALLY CHRYSOMELIDAE BIOLOGICAL CONTROL OF CANADA THISTLE	GA	5
NO RESEARCHER EXPERIENCES BACHELORS'S DEGREE IN WILDLIFE	GA	74
DIPTERA ON LIVESTOCK TAXONOMY OF PACTYBRACHIS TAXONOMY	GA	5
BIONOMICS TEMPERATURE AND DEVELOPMENT OF SPRUCE BODWORN	GA	42
ETHOL IN TEMPERATE AND SUBTROPICAL AREAS ECOPHYSIOLOGY -	GA	85
RY OF INSECTS IN FOREST NURSERIES INSECT TAXONOMY AND	GA	42
R OF ZOOPLANKTON ORGANISMS EFFECT OF THERMAL EFFLUENT OF	GA	52
TOMY OF TREES AND FOREST MANAGEMENT ASSESSMENT OF YELLOW	GA	11
TER ANIMAL COMMUNITIES IN SUBARCTIC PESTICIDE EFFECTS ON	GA	152
OF BIRDS AS AIR TRAFFIC HAZARDS RUNNING WATER ECOLOGY	GA	152
SRVATION VALUES TO PUBLIC ARCTIC ECOLOGY ECOLOGY OF SEA	GA	57
BIRDS EASTERN-QUEBEC NORTH AMERICA BREEDING BIRD SURVEY	GA	31
WAY OF SHORE BIRDS EASTERN-QUEBEC NORTH AMERICA BREEDING	GA	31
FORESTS NEW MONTREAL INTERNATIONAL AIRPORT AREA ECOLOGY	GA	31
UAL THE DYNAMICS OF TERRESTRIAL VERTEBRATES ESPECIALY	GA	137
Y SUBARCTIC PESTICIDE EFFECTS ON BIRD ACTIVITY MIGRATORY	GA	152
Y BIRDS AIRPORT MONTREAL MIGRATION FLIWAY OF SHORE	GA	31
CP PORILLON NATIONAL PARK, QUEBEC POPULATION ECOLOGY OF	GA	37
CTIVE ARCTIC AND BOREAL OPNITHOLOGY & HARMNOLOGY REPORT ON	GA	64
TION STUDY OF BIRDS OF LA MADRICIE NATIONAL PARK QUEBEC	GA	37
DS IN RELATION WITH PLANT SUCCESSION POPULATION STUDY OF	GA	37
PIC OCEAN BIOLOGICAL SURVEY PROGRAM ECOLOGICAL SURVEY OF	GA	92
TH CHILE POPULATION ESTIMATES AND ECOLOGICAL SURVEYS OF	GA	92
REGENERATION IN GLOBAL APICES CYTOLOGICAL CBGS FOLLOWING	GA	68
ION OF SHELLFISH DEPURATION PLANT BIOLOGY OF COMMERCIAL	GA	19
OSTER POPULATIONS BACTERIAL AND VIBAL CONTAMINATION OF	GA	19
ON OMBARIAN WOOD PRODUCERS EFFECT OF UREA FERTILIZER ON	GA	11
OP SAVANNAH SPARROWS SEASONAL VARIATION IN METABOLISM OF	GA	123
HABITAT RELATIONSHIPS BEHAVIOR AND POPULATION PROCESSES	GA	132
BEAR IN ALPES CAPERCAILLIE IN ALPES	GA	76
BECHE-DE-MER CONSULTANT IMPROVING QUALITY OF DRY	GA	128
BEEF PRODUCTION FROM GRAZING AND INTENSIVE SYSTEMS	GA	53
BEHAVIOR PHYSIOLOGICAL ECOLOGY: POPULATION DYNAMICS	GA	97
BEHAVIOR & ECOLOGY ECOLLARED PECCARY IN THE ARIZ	GA	134
BEHAVIOR AND ANIMAL COMMUNICATION SOCIAL STIMULI	GA	41
BEHAVIOR AND POPULATION PROCESSES BLACK-TAIL DEER	GA	132
BEHAVIOR AND TAXONOMY ABE THE FIELDS OF GREATEST	GA	58
BEHAVIOR BIOLOGY OF VAIGAI DAM FISHES ENVIRONNEN	GA	78
BEHAVIOR DIFFERENCES OF SYMPATRIC CICHLIDS TAXON	GA	58
BEHAVIOR ECOLOGY OF HARSUPIALS WESTERN AUSTRALI	GA	60
BEHAVIOR OF CHLORINATED HYDROCARBONS IN NATURAL	GA	2
BEHAVIOR OF COPEINA ARNOLDI VERTEBRATE SOCIAL B	GA	41
BEHAVIOR OF PESTICIDES IN NATURAL WATERS HETABOL	GA	101
BEHAVIOR OF WHISTLING SWAN ORNITHOLOGICAL INVEST	GA	134
BEHAVIOR PHEROMONES MASS-REARING OF BOMBOSSOMA	GA	102
BEHAVIOBAL- ECOLOGY IN RELATION TO HABITAT	GA	34
BEHAVIOBAL RESPONSES OF MOUNTAIN WHITEFISH AND E	GA	148
BENTHIC COMMUNITIES YIELD PREDICTION OF CPAB FIS	GA	96
BENTHIC ORGANISMS AND DISTRIBUTION ABUNDANCE REP	GA	121
BENTHIC SUSPENSION FEEDERS PAUNAL SURVEY OF PACI	GA	149
BENTHOS DISTRIBUTION OF ANIMALS IN STREAMBEDS EP	GA	164
BIG GAME POPULATIONS RESEARCH AND MANAGEMENT CO	GA	77
BYACULATUS HISTO-MORPHOLOGY AND CYTOLOGY OF THE	GA	33
BIOCHEMICAL ECOLOGY OF LOWER PLANTS SEED DORMANC	GA	12
BIOCHEMISTRY PLANT PHYSIOLOGY PLANT GROWTH AND	GA	12
BIOGEOGRAPHICAL STUDIES ELATERIDAE SYSTEMATICS	GA	144
BIOGEOGRAPHICAL STUDIES OIL PALM INSECT PEST SUR	GA	144
BIOL. RECREATIONAL AND ECON. PARAMETER OF A STR	GA	88
BIOLOGICAL & CHEMICAL MONITORING OF WINE WASTES	GA	46
BIOLOGICAL CONTROL EVALUATION OF CANADIAN AGRIC	GA	10
BIOLOGICAL CONTROL IN MEDICAL ENTOMOLOGY & AVIAN	GA	80
BIOLOGICAL CONTROL OF CANADA THISTLE BIOLOGY EC	GA	5
BIOLOGICAL CONTROL OF INSECT PESTS AND WEEDS SDP	GA	140
BIOLOGICAL CONTROL OF SIMULIUM DANNOSUM IN VITRO	GA	80
BIOLOGICAL CONTROL OF SOLDIER FLIES DISPERSION	GA	102
BIOLOGICAL CONTROL INSECT SYSTEMATICS EVALUATIO	GA	97
BIOLOGICAL EFFECTS ON POPULATIONS AS RELATED TO	GA	10
BIOLOGICAL EXPEDITION OF NEPAL HIMALAYA LIFE HI	GA	62
BIOLOGICAL FISHERIES MANAGEMENT CONSULTANT - SAR	GA	36
BIOLOGICAL OCEANOGRAPHY INCLUDING THE CHEMISTRY	GA	110
BIOLOGICAL PROGRAMME A PRELIMINARY SUBVEY OF THE	GA	70
BIOLOGICAL SURVEY PROGRAM ECOLOGICAL SURVEY OF B	GA	92
BIOLOGY	GA	155
BIOLOGY AND CONTROL IN TEMPERATE AND SUBTROPICAL	GA	85
BIOLOGY AND ECOLOGY OF MARINE MACRO CRUSTACEA BY	GA	117
BIOLOGY AND POPULATION DYNAMICS FISH AND INVERTE	GA	67
BIOLOGY AND POPULATION DYNAMICS OF SHRIMP COMMER	GA	67
BIOLOGI ECOLOGY OF JAMAICAN DEMOSPONGIAE FEEDIN	GA	121
BIOLOGY OF COMMERCIAL BIVALVE MOLLUSCS VARIOUS A	GA	19
BIOLOGY OF DERMAPTERA JOINT ACTION OF INSECTICI	GA	129
BIOLOGY OF MAGNETIC AND ELECTRIC FIELDS ELECTRO	GA	127
BIOLOGY OF SOLDIER FLY BIOLOGICAL CONTROL OF SOL	GA	102
BIOLOGY OF THE OPERCULATE DISCONICETES (PEZIZALE	GA	113
BIOLOGY OF THE WEST INDIAN BOOT BORER BEVIL ELE	GA	97
BIOLOGY OF VAIGAI DAM FISHES ENVIRONMENTAL PHYSI	GA	78
BIOLOGY ECOLOGY CONTROL OF DIPTERA ON LIVESTOC	GA	5
BIOLOGY NOW EMPLOYED BY PENNSYLVANIA GAME COMMI	GA	74
BIOLOGY ZOOGEOGRAPHY OF COLEOPTERA ESPECIALY	GA	5
BIONOMICS AND TAXONOMY OF WEB-SPINNING SAWFLIES	GA	42
BIONOMICS OF ALPALPA BEVIL HYPERA POSTICA AGRI	GA	85
BIONOMICS TEMPERATURE AND DEVELOPMENT OF SPRUCE	GA	42
BIOTA HEATED EFFLUENT AT HIGH LATITUDES INVENTOR	GA	52
BIRCH REGENERATION BY TREATMENT EFFECT OF C.I.P.	GA	11
BIRD ACTIVITY MIGRATORY BIRDS AS AIR TRAFFIC HAZ	GA	152
BIRD ECOLOGY CONSERVATION NATURAL RESOURCES RW	GA	152
BIRD ISLAND ECOLOGY OF THE BALD EAGLE WILDLIFE	GA	57
BIRD POPULATION STUDIES IN FORESTS NEW MONTREAL	GA	31
BIRD SURVEY BIRD POPULATION STUDIES IN FORESTS	GA	31
BIRDS AIRPORT MONTREAL MIGRATION FLIWAY OF SHORE	GA	31
BIRDS AND MAMMALS POPULATION DYNAMICS OF CALIF.	GA	137
BIRDS AS AIR TRAFFIC HAZARDS RUNNING WATER ECOL	GA	152
BIRDS EASTERN-QUEBEC NORTH AMERICA BREEDING BIRD	GA	31
BIRDS IN RELATION WITH PLANT SUCCESSION POPULATI	GA	37
BIRCS LAKE AT WABASCA REGION POR PEACE ATAHASIA	GA	64
BIRDS OF PORILLON NATIONAL PARK QUEBEC POPULAT	GA	37
BIRDS OF LA MADRICIE NATIONAL PARK QUEBEC BIRDS	GA	37
BIRDS OF NORTH CHILE POPULATION ESTIMATES AND E	GA	92
BIRDS PACIFIC OCEAN BIOLOGICAL SURVEY PROGRAM EC	GA	92
BISECTION OF APICES ULTASTRUCTURE OF CULTURED M	GA	68
BIVALVE MOLLUSCS VARIOUS ASPECTS OF PARASITIC DI	GA	19
BIVALVE SHELLFISH CONSULTING ON DESIGN AND CONST	GA	19
BLACK SPRUCE REGEN. ANATOMY OF TREES AND FOREST	GA	11
BLACK-CAPPED CRICKADEES GEOGRAPHIC VARIATION OF	GA	123
BLACK-TAIL DEER WINTER RANGE STUDY BLUE GOOSE P	GA	132

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

OF ESTUARINE ANIMALS) SURVEY OF THE SOLENT SURVEY OF THE	7
INSECTS BIOLOGICAL CONTROL IN MEDICAL ENTOMOLOGY & AVIAN	80
POPULATION PROCESSES BLACK-TAIL DEER WINTER RANGE STUDY	132
ING ECOLOGY OF EASTERN BLUEBIRD VOCALIZATIONS OF EASTERN	115
NG STUDY NESTING ECOLOGY OF EASTERN	115
SOURCE DEVELOPMENT WITH LEAST ENVIRONMENT POLLUTION WILD	24
IGAN ENDOCRINOLOGY PARTICULARLY REPRODUCTIVE ARCTIC AND	64
AMICS OF SUGARCANE PESTS BIOLOGY OF THE WEST INDIAN HOOT	97
ON ECOLOGY CRURCHILL FALLS LABRAOUR ENVIRONMENTAL STUDY	103
OK TROUT ECOLOGICAL IMPACT OF PROPOSED RESEVOIR SITE ON	148
MILKPIUSH CULTURE CULTURE OF FISH IN	23
TER ESTUARY ECOLOGY OF LAGOON "THE SWANPOOL" ECOLOGY OF	7
FEEDING FOR CROP QUALITY DEVELOPMENT OF COMMERCIAL PLANT	7
GLAND ADAPTATION OF CATTLE TO ISRAELI CONDITIONS ANIMAL	25
ATION FLIPWAY OF SHORE BIRDS EASTERN-QUEBEC NORTH AMERICA	63
IES DEVELOPMENT OF HYBRIDS IN PORAGE CROPS EVALUATION OF	31
R CROP QUALITY DEVELOPMENT OF COMMERCIAL PLANT BREEDING	31
OGRAPIICAL STUDIES OIL PALM INSECT PEST SURVEY WEST NEW	25
I CONSTRUCTION SOIL SURVEY AND LAND CAPABILITY CLINTON	144
ENCES OF SYMPATRIC CICHLIDS TAXONCHY OF THORICHTHYS FROM	58
A BEHAVIORAL RESPONSES OF MOUNTAIN WHITEFISH AND EASTERN	148
TES PARTICULARLY IN POLAR REGIONS PRODUCTIVITY OF ARCTIC	156
IVITY OF ARCTIC BRYOPHYTES ECOLOGY AND SYSTEMATICS OF	156
CGY ECOLOGY OF JAMAICAN DEMOSPONGIAE FEEDING AND ENERGY	121
NOMY ARD BIONOMICS TEMPERATURE AND DEVELOPMENT OF SPRUCE	42
BEHAVIOR AND ANIMAL COMMUNICATION SOCIAL STIMULI AND NEST	41
BIOLOGICAL CONTROL OF INSECT PESTS AND WEEDS SUPERVISING	41
MENT OF YELLOW BIRCH REGENERATION BY TREATMENT EFFECT OF	140
AL STUDIES OIL PALM INSECT PEST SURVEY WEST NEW BRITAIN	11
NTROLS BASED ON ENVIRONMENTAL CRITERIA COMPUTER MAPPING	144
ATES ESPECIALLY BIRDS AND MAMMALS POPULATION DYNAMICS OF	71
EMENT CONSULTANT - SARDINES COASTAL ZONE MANAGEMENT FOR	137
TIONSTRIPS ECOLOGY OF INTRODUCED INGLULATES REARST RANCH	36
SE OF CEREALS AND OIL SEEDS INCLUDES WINTER INCREASE IN	15
IN CALIFORNIA SEED INCREASE - NEW VARIETIES - WINTER IN	15
ANCH CALIFORNIA ECOLOGY OF PERAL BODGS DYE CREEK RANCH	8
LOGY RELATED TO URBAN AND URBANIZING REGIONS UTICA SURVY	38
IC PONDS TAXONOMY OF AQUATIC INSECTS OF WEST INTERIOR OF	30
L SURVEY AND LAND CAPABILITY CLINTON BRITISH COLUMBIA	133
AND CHEMISTRY SOILS OF THE KANAWASKIS VALLEY OF ALBERTA	73
EFFECTS OF HEAVY METAL CONTAMINATION ON MACROFAUNA FMC OF	46
P OCEAN ECOLOGICAL STUDIES OF INSHORE WATERS OF ATLANTIC	22
SOIL SURVEY AND LAND CAPABILITY CODROY NEW POUNDLANU	133
LEOPTERA ESPECIALLY CHRISOHELIIDAE BIOLOGICAL CONTROL OF	10
STEMATICS EVALUATION OF BIOLOGICAL CONTROL EVALUATION OF	82
TEMATICS AND ECOLOGY OF MARINE ALGAE MARINE ALGAE OF THE	134
SWAN ORNITHOLOGICAL INVESTIGATION OF THE PROPOSED TRANS-	165
ATICS OF INSECTS WITH PARTICULAR REFERENCE TO SAMPLES A	55
CTS OF ZOOPLANKTON ON PHYTOPLANKTON SPECIE MEASURING TUNA	150
IPE ZONE SYSTEM OF ECOLOGICAL ANALYSIS AND MAPPING; LAND	133
OTL SURVEY FOR HIGHWAY CONSTRUCTION SOIL SURVEY AND LAND	133
POR AGRICULTURE REC. ENGINEERING SOIL SURVEY AND LAND	133
ES DEL PERU CLASIFICACION Y METODOLOGIA PARA DETERMINACION	150
TERNAL TEMPERATURES ANTARCTIC PENGUINS ARTHROPOD ECOLOGY	133
D GAME MANAGEMENT WOLVERINE IN SCANDINAVIA BEAR IN ALPES	76
SIS OF SILICATES BY ATOM ABSORP SPECTROSCOPY ANALYSIS OF	49
RAPHIC STUDIES OF PSILOPEZIA AND PACTHYELLA CHECK LIST OF	113
BEAR ECOLOGY OF LARGE MAMMALS ESPECIALLY	111
ON; TAXONOMY PEDOLOGY OF REVEGETATION OF DAMAGED AREAS	39
AREAS CASCADE PASS WASH. ALPINE-SUBALPINE COMMUNITIES	39
AZING AND INTENSIVE SYSTEMS GENETIC EVALUATION OF FRENCH	63
TIC EVALUATION OF FRENCH CATTLE IN ENGLAND ADAPTATION OF	63
ISH. TEMPERATURE SELECTION OF FISH FISH CULTURE FACTORS	91
IENT MAN HABIES TRANSPER FROM BATS TO MICE IN MINES AND	151
IC SUSPENSION FEEDERS FAUNAL SURVEY OF PACIFIC SUBMARINE	121
" ALGAL POPULATION CYCLES - EUTROPHICATION	72
LIMNOLOGICAL ENERGY FLOW AND ARCTIC LIMNOLOGY	162
LARUG CREEK CEBU REVIEW ECOLOGICAL STUDIES SILUT BAY	95
AQUATIC ORGANISMS PRIMARILY FISH SURVEY OF ZOOPLANKTON	95
SMAL WATERS POPULATION CHANGES IN CUPIES LABDG CREEK	95
P INDONESIA INTRODUCTION OF NEMATODES SCHISTOSOMIASIS IN	153
WING BISECTION OF APICES ULTRASTRUCTURE OF CULTURED MOSS	68
ITAT ANALYSIS PRAIRIE PALCON SURVEY WILDLIFE MANAGEMENT	106
SEVEN CROPS TROP-TEMPER. EL/SALVADOR RUIE SOIL SCIENCE IN	158
P PEDIGREED SEED STOCKS SEED PORIPORICATION & INCREASE OF	15
OF TELOSTEAN FISHES STUDIES ON THE DIGESTIVE SYSTEM OF A	33
POSTEAN FISHES STUDIES ON THE DIGESTIVE SYSTEM OF A CHACA	33
LIMNOLOGICAL ENERGY FLOW AND ARCTIC LIMNOLOGY CCIBF	162
ALGAL POPULATION CYCLES - EUTROPHICATION CCIBF	72
AND ATTRACTANT IN CHARGE OF RESEARCH LAB. ENTOMOLOGY IN	18
INSECT CONTROL STERILE MALE TECHNIQUE AND ATTRACTANT IN	18
ZIZALES) MONOGRAPHIC STUDIES OF PSILOPEZIA AND PACTHYELLA	113
NCE AND INORGANIC CHEMISTRY X-RAY DIFFERENTIAL ANALYSIS	49
ADONA FMC OF CANADA LTD ENVIRONMENTAL STUDY BIOLOGICAL &	46
LTH RESEARCH DEVELOPMENT AND MARKETING OF AGRICULTURAL	*
BLACKWATER ESTUARY ECOLOGY OF LAGOON "THE SWANPO	7
BLOOD PARASITOLOGY AVIAN HARMATOZOA AS ENVIRONNE	80
BLUE GROUSE POPULATION STUDY ENVIRONMENTAL CONSE	132
BLUEBIRD HARDING STUDY NEST	115
BLUEBIRD VOCALIZATIONS OF EASTERN BLUEBIRD BANDI	115
BOAB IN WEST PAKISTAN PESTICIDES AND PRODUCTION	24
BORRAL ORNITHOLOGY & MAMMOLOGY REPORT ON BIRDS LA	64
BORER WEEVIL ELECTROPHYSIOLOGY OF INSECTS - ENVI	97
BOUNDARY DAM THERMAL STUDY AQUATIC PRODUCTIVITY	103
BOW RIVER ECOLOGY AND LIFE HISTORY OF FRESHWATE	148
BRACKISH AND FRESHWATER PONDS IMPROVED METHOD OF	23
BRACKISH-WATERS ESPECIALLY ESTUARIES (INC. PRIS	7
BREEDING BREEDING PERENNIAL PORAGE SPECIES DEVE	25
BREEDING AND GENETICS ESPECIALLY GROWTH AND MIL	63
BREEDING BIRD SURVEY BIRD POPULATION STUDIES IN	31
BREEDING POB CROP QUALITY DEVELOPMENT OF CONNERC	31
BREEDING PERENNIAL PORAGE SPECIES DEVELOPMENT OF	25
BRITAIN CACAO WEEVIL SYSTEMATIC EVOLUTIONARY BIO	144
BRITISH COLUMBIA CANADA SOIL GENESIS AND CLASS	133
BRITISH HONDURAS SIGANID CULTURE TECHNIQUES IN T	58
BROOK TROUT ECOLOGICAL IMPACT OF PROPOSED RESERV	148
BRYOPHYTES ECOLOGY AND SYSTEMATICS OF BRYOPHY	156
BRYOPHYTES PARTICULARLY IN POLAR REGIONS PRODUCT	156
BUDGETS OF MARINE BERTHIC SUSPENSION FEEDERS PAU	121
BUWORN BIONOMICS AND TAXONOMY OF NEW-SPINNING S	42
BUILDING IN THE ZEBRA FINCH EFFECTS OF AGONISTIC	41
C.I.B.C. STAFF IN EUROPE TRINIDAD INDIA PARIS	140
C.I.P. MILL CLOSURE ON ONTARIO WOOD PRODCCERS E	11
CACAO WEEVIL SYSTEMATIC EVOLUTIONARY BIOGEOGRAP	144
CALIF. LAND CONSERVATION ACT EFFECTIVERSS SAC.	71
CALIF. QUAIL THE DYNAMICS OF TERRESTRIAL WERTER	137
CALIFORNIA & SEA GRANT COMMERCIAL FISHERIES - FO	36
CALIFORNIA ECOLOGY OF PERAL HOGS DYE CREEK RANC	8
CALIFORNIA SEED INCREASE - NEW VARIETIES - WINT	15
CALIFORNIA VARIETY VERIFICATOR OF PEDIGREED SEE	15
CALIFORNIA WILDLIFE-LOGGING RELATIONSHIPS SOUTH	8
CAMPUS ECOLOGY & DESIGN 406 HIGHWAY IMPACT STU	38
CANADA EPHEMEROPTERA RIVER ECOLOGY AQUATIC ECO	30
CANADA SOIL GENESIS AND CLASSIFICATION SOIL SU	133
CANADA DESERT CREEP CONTROL IN NORTHERN SODAN GA	73
CANADA LTD ENVIRONMENTAL STUDY BIOLOGICAL & CREM	46
CANADA PRITOPALANTON PRODUCTION AND EXTRA-CELLULA	22
CANADA SOIL SURVEY FOR HIGHWAY CONSTRUCTION SOIL	133
CANADA TRISTLE BIOLOG ECOLOGY CONTROL OF DIPT	10
CANADIAN AGRICULTURAL PESTS PARASITES & PREDATOR	10
CANADIAN ARCTIC SYSTEMATICS OF COBALLINE ALGAE	82
CANADIAN PIPELINE STUDY OF ANIMAL BEHAVIOR & EC	134
CARADIAN SPECIES OF SUSANA DIOBXYTRIA IN GALL RU	165
CARBERY EFFLUENT BY PHOTOGRAPHY CULTURAL EFFECT	55
CAPABILITY CLASSIFICATION; LAND MANAGEMENT SYSTE	150
CAPABILITY CLINTON BRITISH COLUMBIA CANADA S	133
CAPABILITY CODROY NEW POUNDLANO CANADA SOIL S	133
CAPACIDAD DE USO MAYOR DE LA TIERRA EN COLOMBIA	150
CAPE ROHW ISLANDS AQUATIC ECOLOGY (ANIMAL) OF W	76
CAPERCAILLIE IN ALPES GAME RESEARCH AN	16
CARBON AND SULPROB IN MINEROLOGY AND ROCKS INTER	49
CARIBBEAN PEZIZALES TAXONOMY AND BIOLOGY OF THE	113
CARNIVORES ECOLOGY OF NORTHERN INTERIOR GRIZZLY	111
CASCADE PASS WASH. ALPINE-SUBALPINE COMMUNITIES	39
CASCADE RANGE WA NATURAL RESEARCH AREA SURVEY	39
CATTLE IN ENGLAND ADAPTATION OF CATTLE TO ISRAEL	63
CATTLE TO ISRAELI CONDITIONS ANIMAL BREEDING AN	63
CAUSING MORTALITY IN ALEWUTES IN LAKE ONTARIO CH	91
CAVES MAMMAL ECOLOGY SPECIES TO COMMUNITY LEVE	151
CAVES DEEP SUBNESSIBLE SURVEY OF JAMAICA REEPS B	121
CCIBF CHAR LAKE PROJECT LAKE MEMPHEENAGOG PROJEC	72
CCIBF CHAR LAKE PROJECT	162
CEBU POPULATION AND PRODUCTION ECOLOGY OF AQUAT	95
CEBU COASTAL WATERS POPULATION CHANGES IN CUPIE	95
CEBU REVIEW ECOLOGICAL STUDIES SILUT BAY CEBU	95
CELEBES EPIDEMIOLOGY OF ZOONOTIC DISEASE ZOONES	153
CELLS PLANT ANATOMY PLANT ULTRAS'STRUCTURE (I) R	68
CENSUSING WILDLIFE GOLDEN EAGLE POPULATION STUDI	106
CENTRAL-AG SECTOB ANALYSIS COLOMBIA SOIL CLIMATE	158
CEREALS AND OIL SEEDS INCLUDES WINTER INCREASE	15
CHACA CHACA STUDIES ON THE DIGESTIVE ORGANS OF O	33
CHACA STUDIES ON THE DIGESTIVE ORGANS OF ONPOK B	33
CHAR LAKE PROJECT	162
CHAR LAKE PROJECT LAKE MEMPHEENAGOG PROJECT	72
CHARGE OF ENTOMOLOGY RESEARCH LAB. ENTOMOLOGY EI	18
CHARGE OF RESEARCH LAB. ENTOMOLOGY IN CHARGE OF	18
CHECK LIST OF CARIBBEAN PEZIZALES TAXONOMY AND	113
CHEM. THERMOOD. ANALYSIS OF SILICATES BY ATOM ABS	49
CHEMICAL MONITORING OF NIRE WASTES ENVIRONMENTAL	46
CHENICALS PARTICULARLY PESTICIDES CONTROL OF RIC	*

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

PHENT AQUACULTURE BIOLOGICAL OCEANOGRAPHY INCLUDING THE	CHEMISTRY OF MARINE ORGANISMS AND THE RELATIONSHIPS	110
STEMS	CHEMISTRY OF OCEANS IN PARTICULAR OF ANOXIC ZONE	48
N WEST SUDAN SOIL AND WATER MANAGEMENT CONSERVATION AND	CHEMISTRY SOILS OF THE KANAWASKIS VALLEY OF ALBERTA	73
RESEARCH IN CLAY MINERALOGY SOIL SCIENCE AND INORGANIC	CHEMISTRY X-RAY DIFFERENTIAL ANALYSIS CHEM. THE	49
RASTRUCTURE(1) REGENERATION IN GLOBAL APICES CYTOLOGICAL	CHSS FOLLOWING BISECTION OF APICES ULTRASTRUCTURE	69
PARBONS SEASONAL VARIATION IN METABOLISM OF BLACK-CAPPED	CHICKADEES GEOGRAPHIC VARIATION OF ANIMALS; EVO	123
TROPHICAL FACTORS. NET PRODUCTION AND ENERGY CHANGES IN	CHIROBAEON DISEPT VEGETATION OF DRAINAGE BASIN I	61
GICAL SURVEY PROGRAM ECOLOGICAL SURVEY OF BIRDS OF NORTH	CHILE POPULATION ESTIMATES AND ECOLOGICAL SURVEY	92
POPULATION OF MOUSE EFFECT OF PREDATORS ON NESTING DUCKS	CHIP LAKE WILDLIFE - INVENTORY WITH RECOMMENDATI	87
SRINGTON STATE HABITAT SELECTION IN 2 SPECIES OF ALBERTA	CRIPMONKS MAMMALIAN ECOLOGY - HABITAT UTILIZATI	94
S UPON AQUATIC AND MARINE MICROBES; EATE AND BEHAVIOR OF	CHLORINATED HYDROCARBONS IN NATURAL WATERBODIES	2
AND AVAILABILITY IN FOREST SOILS NITROGEN IN SOIL WATER	CHRISTMAS TREE FERTILIZATION AND PROTECTION LARG	125
AXONOMY BIOLOGY ZOOGEOGRAPHY OF COLEOPTERA ESPECIALLY	CHRYSOMELIDAE BIOLOGICAL CONTROL OF CANADA THIST	5
HERMAL STUDY AQUATIC PRODUCTIVITY PHYTOPLANKTON ECOLOGY	CHURCHILL FALLS LABRADOR ENVIRONMENTAL STUDY HO	103
EATEST COMPETENCE SOME BEHAVIOR DIFFERENCES OF SYMPATRIC	CICHLIDS TAXONOMY OF TORICHTHYS FROM BRITISH CO	58
Y PRODUCTION ARTIFICIAL CIRCULATION OF LAKES ARTIFICIAL	CIRCULATION OF A SMALL EUTROPHIC LAKE PRIMARY PR	59
N PHYTOPLANKTON ECOLOGY PRIMARY PRODUCTION ARTIFICIAL	CIRCULATION OF LAKES ARTIFICIAL CIRCULATION OF A	59
ESS EFFECT OF TEMPERATURE OF SURVIVAL AND DEVELOPMENT OF	CISCO SURVIVAL OF WALLEYE ON WOOD FIBER SLUDGE D	29
ISS EFFECT OF TEMPERATURE ON SURVIVAL AND DEVELOPMENT OF	CISCO SURVIVAL OF WALLEYES ON WOOD FIBER SLUDGE	28
RS ENERGY FLOW IN HUMIC LAKES EUTROPHICATION OF HELSINKI	CITY SEA AREA DEVELOPMENT OF ALGAL ASSAY PROCEDI	84
VIROENVIRONMENT TRAINING PROGRESS INFORMATION FLOW IN NEW YORK	CITY'S EPA MODELING ANALYSIS OF ECOSYSTEM PROC	26
ECOSYSTEMS FERTILIZER EFFECT ON PRODUCTIVITY IN LAKE ST.	CLAIR THE NATURE OF PHOTOSYNTHATE IN PHYTOPLANKT	159
T POLITICA DE CONSERVACION DE RECURSOS NATURALES DEL PERU	CLASSIFICACION Y METODOLOGIA PARA DETERMINACION CAP	150
R RELATIONSHIPS PLANT INDICATORS OF TIMBER&RANGE-WILDLIFE	CLASS SYSTEMS ANALYSIS; GEOLOGIC&SOIL&PLANT ASSO	139
R INTRODUCTIONS IN SASKATCHEWAN LAKE INVENTORY AND WATER	CLASSIFICATION EVALUATION OF STREAM AND LAKE PI	88
VEY OF THE PLANT COMMUNITIES OF LITTLE GRINDSTONE POINT	CLASSIFICATION OF PLANT COMMUNITIES AND SOIL TYP	70
SOIL GENESIS CLASSIFICATION SURVEY SOIL AND LAND	CLASSIFICATION OF WATERTON LAKES NATIONAL PARK	27
ITY, CLINTON, BRITISH COLUMBIA, CANADA SOIL GENESIS AND	CLASSIFICATION SOIL SURVEY LAND USE FOR AGRICU	133
ION OF WATERTON LAKES NATIONAL PARK SOIL GENESIS	CLASSIFICATION SURVEY SOIL AND LAND CLASSIFICATI	27
STEM OF ECOLOGICAL ANALYSIS AND MAPPING; LAND CAPABILITY	CLASSIFICATION; LAND MANAGEMENT SYSTEMS FOR THE	150
INTERCHANGE REACTION RATE OF H+ ON 2:1 CLAYS RESEARCH IN	CLAY MINERALOGY SOIL SCIENCE AND INORGANIC CHEM	49
ECROLOGY AND ROCKS INTERCHANGE REACTION RATE OF H+ ON 2:1	CLAYS RESEARCH IN CLAY MINERALOGY SOIL SCIENCE	49
OXI ADVICE ON METHODS FOR KEEPING SPASWATER INTAKE SCREEN	CLEAN PHYTOPLANKTON ECOLOGY; ALGAL MASS CULTURE	56
SOIL SCIENCE IN CENTRAL-AG SECTOR ANALYSIS COLOMBIA SOIL	CLIMATE CONSTRAINT TROPICAL AGRONOMY AND SOIL S	158
L AGRONOMY AND SOIL SCIENCE FERTILIZER USE ECONOMICS AIL	CLIMATIC ZONES AG SECTOR ANALYSIS CROP RESPONSE	158
OR HIGHWAY CONSTRUCTION SOIL SURVEY AND LAND CAPABILITY	CLINTON BRITISH COLUMBIA CANADA SOIL GENESIS	133
ON BIRCH REGENERATION BY TREATMENT EFFECT OF C.I.P. HILL	CLOSURE ON ONTARIO WOOD PRODUCERS EFFECT OF URE	11
MAPPING CALIF. LAND CONSERVATION ACT EFFECTIVENESS SAC.	CO. PLANNING EXECUTIVE EFFECTIVENESS GEOGRAPHIC	71
RELATIONSHIP TO THE "GRASS ROOTS" OF ECOLOGICAL SYSTEMS	COAL PROPERTY & EVALUATION LANDSLIDES IN MICA R	122
AND HGT. RELATIONSHIPS SURFACE GEOLOGY SOIL RELATIONS IN	COASTAL PLAIN GEOLOGY- SOIL-BIOTIC RELATIONSHIPS	139
IC ORGANISMS PRIMARILY FISH SURVEY OF ZOOPLANKTON CEBU	COASTAL WATERS POPULATION CHANGES IN GUPPIES LA	95
MENTAL IMPACT MANAGEMENT WORKSHOPS INDUSTRIAL IMPACT ON	COASTAL ZONE ENVIRONMENT RESOURCE AND ENVIRONME	47
TO ENVIRONMENTAL IMPACT ASSESSMENT INDUSTRIAL IMPACT CH	COASTAL ZONE ENVIRONMENT ENVIRONMENTAL IMPACT MA	35
ND BIOLOGICAL FISHERIES MANAGEMENT CONSULTANT - SARDINES	COASTAL ZONE MANAGEMENT FOR CALIFORNIA F. SEA GRA	36
OF INSECTS ECOLOGY OF LEAF ROLLERS LARVAL COMPETITION OF	CODLING MOTH APPLIED ECOLOGY	89
TURE REC. ENGINEERING SOIL SURVEY AND LAND CAPABILITY	CODROY NEW POUNDLAND CANADA SOIL SURVEY FOR NI	133
NOHI OF PACHYRACHIS TAXONOMY BIOLOGY ZOOGEOGRAPHY OF	COLEOPTERA ESPECIALLY CHRYSOMELIDAE BIOLOGICAL	5
S ROLE OF THE LICHEN SIVUSIA IN HEATH COMMUNITIES LICHEN	COLLECTION OF H.B. WILSON RELATIONS BETWEEN LIC	118
ARA DETERMINACION CAPACIDAD DE USO MAYOR DE LA TIERRA EN	COLOMBIA LIFE ZONE SYSTEM OF ECOLOGICAL ANALYSI	150
EN SALVADOR RILE SOIL SCIENCE IN CENTRAL-AG SECTOR ANALYSIS	COLOMBIA SOIL CLIMATE CONSTRAINT TROPICAL AGRON	158
EACE ATHABASIA RIVER DELTA PROJECT HORMONES AND SEASONAL	COLOR CHANGE HARES & PTARMIGAN ENDOCRINOLOGY PA	64
UCTION SOIL SURVEY AND LAND CAPABILITY CLINTON BRITISH	COLUMBIA CANADA SOIL GENESIS AND CLASSIFICATIO	133
CR AGRONOMIST	COMMERCIAL BANANA PRODUCTION AND RESEARCH RESEAR	75
D CONSTRUCTION OF SHELLFISH DEGRADATION PLANT BIOLOGY OF	COMMERCIAL BIVALVE MOLLUSCS VARIOUS ASPECTS OF P	19
INVERTEBRATES BIOLOGY AND POPULATION DYNAMICS OF SHRIMP	COMMERCIAL CULTURE OF SHRIMP BIOLOGY AND POPULA	67
OR CALIFORNIA & SEA GRANT COMMERCIAL FISHERIES - FOOD OF	COMMERCIAL FISH FISHERIES MANAGEMENT BOTH ECONO	36
DINES COASTAL ZONE MANAGEMENT FOR CALIFORNIA & SEA GRANT	COMMERCIAL FISHERIES - FOOD OF COMMERCIAL FISH	36
S EVALUATION OF BREEDING FOR CROP QUALITY DEVELOPMENT OF	COMMERCIAL PLANT BREEDING BREEDING PERENNIAL PO	25
N PICKEREL TAGGING STUDIES LAKE WINNIPEGOSIS FRESHWATER	COMMERCIAL AND SPORT FISHERIES MANAGEMENT AND AD	66
E IN WILDLIFE BIOLOGY NOW EMPLOYED BY PENNSYLVANIA GAME	COMMISSION NO RESEARCH EXPERIENCES BACHELORS'S	74
W COPOLINA ARNOLDI VERTEBRATE SOCIAL BEHAVIOR AND ANIMAL	COMMUNICATION SOCIAL STIMULI AND NEST BUILDING I	41
OGY OF LITTLE GRINDSTONE POINT CLASSIFICATION OF PLANT	COMMUNITIES AND SOIL TYPES AND THEIR RELATIONSHI	70
OGY CONSERVATION NATURAL RESOURCES RUNNING WATER ANIMAL	COMMUNITIES IN SUBARCTIC PESTICIDE EFFECTS ON BI	152
ER PLANT COMMUNITIES ROLE OF THE LICHEN SIVUSIA IN HEATH	COMMUNITIES LICHEN COLLECTION OF H.B. WILSON RE	118
L BIOLOGICAL PROGRAMME A PRELIMINARY SURVEY OF THE PLANT	COMMUNITIES OF LITTLE GRINDSTONE POINT CLASSIFI	70
D SOIL TYPES AND THEIR RELATIONSHIPS SURVEY OF THE PLANT	COMMUNITIES OF MANITOBA - INTERNATIONAL BIOLOGI	70
N.E. WILSON RELATIONS BETWEEN LICHENS AND HIGHER PLANT	COMMUNITIES ROLE OF THE LICHEN SIVUSIA IN HEATH	118
ON WOOD FIBER SLUDGE DEPOSITS RESPONSE OF FISH AND FISH	COMMUNITIES TO ENVIRONMENTAL STRESS RESPONSE OF	28
ON WOOD FIBER SLUDGE DEPOSITS RESPONSE OF FISH AND FISH	COMMUNITIES TO ENVIRONMENTAL STRESS RESPONSE OF	29
OF CTENOPHORE POPULATION ENERGY FLOW IN MARINE BENTRIC	COMMUNITIES YIELD PREDICTION OF CRAB FISHERY ENE	96
N OF DAMAGED AREAS CASCADE PASS WASH. ALPINE-SUBALPINE	COMMUNITIES CASCADE RANGE WA NATURAL RESEARCH	39
ENVIRONMENT (BIOLOGICAL AND PHYSICAL) ON PLANTS AND PLANT	COMMUNITIES. PHYSIOLOGICAL ECOLOGY THISTLE SEED	166
S, CASCADE RANGE, WA NATURAL RESEARCH AREA SURVEY PLANT	COMMUNITY ECOLOGY - STRUCTURE DYNAMICS COMPOSI	39
IES YIELD PREDICTION OF CRAB FISHERY ENERGY FLOW IN KEEP	COMMUNITY ENERGETICS OF CTENOPHORE POPULATION E	96
S TO HICE IN HINES AND CAVES MAMMAL ECOLOGY SPECIES TO	COMMUNITY LEVEL; DIET DETERMINATION OF ANCIENT M	151
NATIONAL PARK VEGETATION OF R. UDON ANALYSIS OF PLANT	COMMUNITY RELATIONSHIPS AND CORRELATION OF ASSOC	61
TIC BIOLOGIST FISHERY POPULATION PARAMETERS AND	COMMUNITY RELATIONSHIPS FISHERIES BIOLOGIST AQUA	21
ATES (PRIMARILY MAMMALS) HERBICIDES AND ANIMALS IN ASPEN	COMMUNITY REPRODUCTION AND ECOLOGY OF EUTANIAS	157
WATER RESOURCE MANAGEMENT STUDY ESTUARINE RESEARCH ALGAL	COMMUNITIES IN LAKES LIMNOLOGY ESTUARINE ECOLOGY	146
ENTOMOLOGY LIMNOLOGY AND WATER POLLUTION ARE MY GREATEST	COMPETENCE ECOLOGICAL AND AQUATIC INSECTS STUDIE	160
C FISH BEHAVIOR AND TAXONOMY ARE THE FIELDS OF GREATEST	COMPETENCE SOME BEHAVIOR DIFFERENCES OF SYMPATRI	58
PLIED ECOLOGY OF INSECTS ECOLOGY OF LEAF ROLLERS LARVAL	COMPETITION OF CODLING MOTH	89
ATURAL RESOURCES STUDY OF GOAM DOVES STUDY OF PROIT HATS	COMPILEATION OF NEEDED LAND USE LEGISLATION AND R	112
E-NER CONSULTANT IMPROVING QUALITY OF DRY FISH PROXIMATE	COMPOSITION STUDIES IN DRY FISH STUDIES IN FISH	128
A SURVEY PLANT COMMUNITY ECOLOGY - STRUCTURE DYNAMICS	COMPOSITION; TAXONOMY PEDOLOGY OF REVEGETATION	39

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL PEOPLE

ELORMENT & USE CONTROLS BASED ON ENVIRONMENTAL CRITERIA IN NATAL WILDLANDS SOUTH AFRICA	APPLICATION OF ECOSYSTEM RECONVERSIONS IN HIGHER PLANTS	PHYSIOLOGY OF FLOWERING IN E OF THE GUATEPE HYDROELECTRIC POWER PROJECT	POLITICA DE IDEAS AND PRODUCTION PROBLEMS DEVELOPMENT AND ENVIRONMENT ON ENVIRONMENTAL CRITERIA	COMPUTER MAPPING CALIF. LAND CONSERVATION ACT	71
CONCEPT IN LAND USE STUDIES AND CONSERVATION LAW	CONIPERS PHYSIOLOGY OF GIBBERELLIN-MEDIATED PRPC	CONSERVATION DE RECURSOS NATURALES DEL PERU CLAS	CONSERVATION PLANNING AND EVALUATION OF RESOURC	CONSERVATION ACT EFFECTIVENESS SAC. CO. PLANNING	71
CONSERVATION AND CHEMISTRY SOILS OF THE KANANASK	CONSERVATION LAND USE IN SUFFOLK SANDLINGS: A SY	CONSERVATION NATURAL RESOURCES RUNNING WATER ANI	CONSERVATION OF THE DUGONG MAMMAL ECOLOGY AND B	CONSERVATION USES WINE REVEGETATION SAND DUNE STAB	13
CONSERVATION VALUES TO PUBLIC ARCTIC ECOLOGY ECO	CONSERVATION WILDLIFE RESEARCH FOR MACKENZIE VAL	CONSTRAINT TROPICAL AGRONOMY AND SOIL SCIENCE F	CONSTRUCTION OF SHELLFISH DEPOSITION PLANT BIOL	CONSTRUCTION SOIL SURVEY AND LAND CAPABILITY CL	133
CONSULTATION TO HOSPITALS FOOD PROCESSING FOOD	CONSULTING ON DESIGN AND CONSTRUCTION OF SRELLPI	CONTAMINATION OF RIVALVE SHELLFISH CONSULTING ON	CONTAMINATION OF NACHOPOADIA PNC OF CANADA LTD EN	CONTROLS BASED ON ENVIRONMENTAL CRITERIA COMBOT	71
COPELAND ARNOLDI VERTEBRATE SOCIAL BEHAVIOR AND	CORALLINE ALGAE SYSTEMATICS AND ECOLOGY OF MARI	CO2 GAS EXCHANGE OF ANCTIC MOSSES ECOLOGY AND PR	CRAB FISHERY ENERGY FLOW IN KELP COMMUNITY ENERB	CRANE BIOLOGICAL EXPEDITION OF NEPAL HIMALAYA L	62
CRANES ECOLOGICAL STUDIES ON THE JAPANESE CRANE	CRANES ECOLOGICAL STUDIES ON THE JAPANESE CRANE	CRAB RANCR CALIFORNIA WILDLIFE-LOGGING RELATIO	CREEK CEBU REVIEW ECOLOGICAL STUDIES SILT BAY	CREEP CONTROL IN NORTHERN SUDAN GARDUD HARD SOIL	73
CRITERIA BIOLOGICAL CONTROL OF SIMULIUM DAMMOSUM	CRITERIA BIOLOGICAL CONTROL OF SIMULIUM DAMMOSUM	CRITERIA BIOLOGICAL CONTROL OF SIMULIUM DAMMOSUM	CRITERIA BIOLOGICAL CONTROL OF SIMULIUM DAMMOSUM	CRITERIA BIOLOGICAL CONTROL OF SIMULIUM DAMMOSUM	71
CRITON PULP MILL MARINE MONITORING MARINE POLL	CROIX ADVICE ON METHODS FOR KEEPING SEAWATER INT	CROP PRODUCTION AND EXPERIMENTAL MORPROGENESIS P	CROP QUALITY DEVELOPMENT OF COMMERCIAL PLANT BRE	CROP RESPONSE TO PLANT NUTRIENTS-SEVEN CROPS TR	158
CROPS EVALUATION OF BREEDING FOR CROP QUALITY DE	CROPS INCLUDING TOXICITY OF NON NUTRIENT ELEMENT	CROPS TROP-TEMP. EL/SALVADOR HOLE SOIL SCIENCE	CRUSTACEA DYNAMICS OF KING BRAWN POPULATIONS IN	CRYS. ROCKS-RESEARCH BASIN TRACER MOVEMENT IN SA	117
CTENOPHORE POPULATION ENERGY FLOW IN MARINE BEN	CULTURAL EFFECTS ON AQUATIC ECOLOGY EFFECTS OF	CULTURE CULTURE OF PISH IN B	CULTURE FACTORS CAUSING MORTALITY IN ALEVIYS IN	CULTURE OF PISH IN BRACKISH AND FRESHWATER PONDS	23
CULTURE OF SHRIMP BIOLOGY AND POPULATION DINAM	CULTURE TECHNIQUES IN THE SO. PACIFIC PISH BEHA	CULTURED MOSS CELLS PLANT ANATOMY PLANT ULTRAS	CULTURES MARICULTURE ADVICE ON FERNANCY OF DREDG	CUTWORMS INSECT AND HITE ECOLOGY ORCRANO APPLE	142
CUTWORMS APPLE APRIDS PEA APRIDS TOBACCO CUTWORM	CYCLES - EUTROPHICATION CCIBP CRAR LAKE PROJECT	CYTOLOGICAL CRGS FOLLOWING BISECTION OF APICES U	CYTOLOGICAL STUDIES OF FLORAL PRIMORDIA PLANT P	CYTOLOGY OF THE PANCREAS OF SOME TELBOSTEAN PISH	33
DAM ENVIRONMENTAL STATEMENT EDIZ HOOK BEACH EROS	DAM FISRES ENVIRONMENTAL PRYSIOLOGY OF ATLANTIC	DAM TERNAL STUDY AQUATIC PRODUCTIVITY PRYTOPLA	DAMAGED AREAS CASCADE PASS WASH. ALPINE-SUBBAL	DAMMOSUM IN VITRO MASS PRODUCTION OF PATROGERS O	80
DANGER OF EAGLES TO AIRCRAFT AT AIRPORTS IN B.C.	DAUPHIN WATER LEVEL REGULATION PICKEREL TAGTING	DDT TRANSFERS IN ECOSYSTEMS ADAPTATORS OF PLAN	DE CONSERVAION DE RECURSOS NATURALES DEL PERU CL	DE LA TIERRA EN COLOMBIA LIPE ZONE SYSTEM OF EC	150
DE RECURSOS NATURALES DEL PERU CLASIFICACION Y MET	DE USO MAYOR DE LA TIERRA EN COLOMBIA LIPE ZONE	DEAD ALEVIYS OR BEACRES TERFIMAL RELATIONS OF P	DECISIONS ENVIRONMENTAL IMPACT MANAGEMENT WORKSR	DEEP CCEAR ECOLOGICAL STUDIES OF INSHORE WATERS	22
DEEP SEA OBSERVATIONS ON PODOPTHALMOS VIGIL MI	DEEP SUBMERSIBLE SURVEY OF JAMAICA REEFS BIOLOGY	DEEP-SEA PELAGIC ENVIRONMENT AND PHYTOPLANKTON T	DEEP RESEARCH LECTURER SMALL MAMMAL POPULATION R	DEEP WINTER RANGE STUDY BLUE GROUSE POPULATION S	132
DEL PERU CLASIFICACION Y METODOLOGIA PARA DETERM	DELTA PROJECT ROBMONES AND SEASONAL COLOR CHANGE	DEHOSPONGIAE FEEDING AND ENERGY BUDGETS OF MARI	DEPOSITS RESPONSE OF PISH AND PISH COMMUNITIES	DEPOSITS RESPONSE OF PISH AND PISH COMMUNITIES	28
DEPOSITS AND THEIR RELATIONSHIP TO THE "GRASS RO	DEPOSITION PLANT BIOLOGY OF COMMERCIAL BIVALVE	DERMAETERA JOINT ACTION OF INSECTICIDE JOINT A			129

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ACTION OF INSECTICIDE	JOINT ACTION	INSECT TOXICOLOGY	DERMAPTERA	NUMERICAL TAXONOMY	FOREST ENTOMOLOGY	129
MISTRY SOILS OF THE KANARASKIS VALLEY OF ALBERTA	CANADA		DESERT CREEP CONTROL IN NORTHERN SUDAN	GARDUD BA		73
INAL BEHAVIOR & ECOLOGY	ECOLLARED PECCARY IN THE ARIZONA		DESERT MIGRATION & BEHAVIOR OF WHISTLING SWAN OR			134
FACTORS, NET PRODUCTION AND ENERGY CHANGES IN CHIRIHOARDAN			DESERT VEGETATION OF DRAINAGE BASIN IN JASREP NA			61
ENE ENVIRONMENTS THE ECOLOGY OF LARREA DIVARICATA IN THE			DESERTS OF THE S.W. U.S. ECOLOGY AND CO2 GAS EXC			100
D VIRAL CONTAMINATION OF BIVALVE SHELLFISH CONSULTING ON			DESIGN AND CONSTRUCTION OF SHELLFISH DEPURATION			19
BAN AND URBANIZING REGIONS UTICA SDRY CAMPUS	ECOLOGY &		DESIGN 406 HIGHWAY IMPACT STUDY OKWARI COUNTY S			38
C INSECTS STUDIES IN VIENNA INVESTIGATION ON TOXICITY OF			DETERGENTS AND SEWAGE RADIATION EFFECT STUDIES O			160
CURSOS NATURALES DEL PERU CLASIFICACION Y METODOLOGIA PARA			DETERMINACION CAPACIDAD DE USO MAYOR DE LA TIERRA			150
EPLUENT TREATMENTS FOR PROTECTION OF FISHERY RESOURCES			DETOKIFICATION OF KRAFT MILL EFFLUENT BY AN APERA			134
INALS IN STREAMBEDS EFFECT OF INSTALLING PIPELINE ACROSS			DETROIT RIVER ECOLOGY OF STREAM BENTHOS DISTRIB			164
E EFFECTIVENESS GEOGRAPHIC DATA HANDLING & MAPPING			DEVELOPMENT & USE CONTROLS BASED ON ENVIRONMENTA			71
BOAR IR WEST PAKISTAN PESTICIDES AND PRODUCTION PROBLEMS			DEVELOPMENT AND ENVIRONMENT CONSERVATION PLANNI			24
D RATS BAIT-SHINESS IN GUIREA RIGS THE STUDY OF SENSORY			DEVELOPMENT AND LEARNING PROCESSES IN ADULT FORM			17
TOCKS IN N.W.T. LAKES ASSESSMENT OF LAKES FOR FISHERIES			DEVELOPMENT AND MANAGEMENT ASSESSMENT OF FISHERI			143
ROL OF INSECTS OF IMPORTANCE TO PUBLIC HEALTH RESEARCH			DEVELOPMENT AND MARKETING OF AGRICULTURAL CHEMIC			1
RD PLANT COMMUNITIES. PHYSIOLOGICAL ECOLOGY THISTLE SEED			DEVELOPMENT AND THE EFFECT OF THE ENVIRONMENT ON			166
INTERGRATING NATURE PROTECTION WITH THE			DEVELOPMENT AND USE OF LAND AND WATER			53
PLANT BIOCHEMISTRY PLANT PHYSIOLOGY PLANT GROWTH AND			DEVELOPMENT BIOCHEMICAL ECOLOGY OF LOWER PLANTS			12
ENVIRONMENTAL IMPACT OF NORTHERN PIPELINES JAMES BAY HYDRO			DEVELOPMENT ENVIRONMENTAL IMPACT NORTHERN ECOSY			6
IN HUMIC LAKES EUTROPHICATION OF HELSINKI CITY SEA AREA			DEVELOPMENT OF ALGAL ASSAY PROCEDURE EUTROPHICA			84
ENVIRONMENTAL STRESS EFFECT OF TEMPERATURE OF SURVIVAL AND			DEVELOPMENT OF CISCO SURVIVAL OF WALLEYE OR WOOD			29
VIRONMENTAL STRESS EFFECT OF TEMPERATURE ON SURVIVAL AND			DEVELOPMENT OF CISCO SURVIVAL OF WALLEYES ON WOOD			28
IN FORAGE CROPS EVALUATION OF BREEDING POS CBOP QUALITY			DEVELOPMENT OF COMMERCIAL PLANT BREEDING PREDI			25
ECIAL PLANT BREEDING BREEDING PEBERNIAL FORAGE SPECIES			DEVELOPMENT OF HYBRIDS IN FORAGE CROPS EVALUATIO			25
N EFFECTS INTERDISCIPLINARY APPROACHES TO ENVIRON. RES.			DEVELOPMENT OF INTERDISCIPLINARY APPROACHES TO E			79
MORSEPT'S INSECT TAXONOMY AND BIONOMICS TEMPERATURE AND			DEVELOPMENT OF SPRUCE BUDWORM BIONOMICS AND TAXO			42
P THE ENVIRONMENT ON SEED GERMINATION AND EARLY SEEDLING			DEVELOPMENT OF THISTLES THE SPREAD OF TOADFLAX I			166
ERICAL AND SPORT FISHERIES MANAGEMENT AND ADMINISTRATIVE			DEVELOPMENT OF WALLEYE NATURAL REARING AREAS LAK			66
SED RESERVOIR ON WILDLIFE AND VEGETATION EFFECT OF HYDRO			DEVELOPMENT ON WILDLIFE RELATIONSHIP OF WILDLIF			107
GIOMS SPORT FISHERY IMPACT ON GREAT LAKES WWT FISHERIES			DEVELOPMENT TASK FORCE FISHERIES RESOURCE ASSES			126
AND ASSESSMENT OF IMPACTS ASSOCIATED WITH WATER RESOURCE			DEVELOPMENT WILLARA HARBOR NAVIGATION ENVIRONMEN			93
ONMENT CONSERVATION PLANNING AND EVALUATION OF RESOURCE			DEVELOPMENT WITH LEAST ENVIRONMENT POLLUTION WIL			24
S AND CAVES MANHAL ECOLOGY SPECIES TO COMMUNITY LEVEL;			DIET DETERMINATION OF ANCIENT MAN RABIES TRANSPF			151
HOW ARE THE FIELDS OF GREATEST COMPETENCE SOME BEHAVIOR			DIFFERENCES OF SYMPATRIC CYCLIDS TAXONOMY OF TR			58
MINERALOLOGY SOIL SCIENCE AND INORGANIC CHEMISTRY X-RAY			DIFFERENTIAL ANALYSIS CHEM. THERMO. ANALYSIS OF			49
THE DIGESTIVE ORGANS OF TELEOSTEAN FISHES STUDIES ON THE			DIGESTIVE SYSTEM OF A CHACA CHACA STUDIES ON THE			33
S ON THE DIGESTIVE SYSTEM OF A CHACA CHACA STUDIES ON THE			DIGESTIVE ORGANS OF OMPKOP BINAACULATUS HISTO-MORP			33
OSTEAN FISHES HISTO-MORPHOLOGY & HISTO-CHEMISTRY OF THE			DIGESTIVE ORGANS OF TELEOSTEAN FISHS STUDIES ON			33
CULAR REFERENCE TO SAVILLES A CANADIAN SPECIES OF SOSANA			DIOXYCETRIA IN GALL RUST SPREAD OF EUROPEAN SPRUC			165
L CONTROL OF CANADA THISTLE BIOLOGY ECOLOGY CONTROL CP			DIPYTERA ON LIVESTOCK TAXONOMY OF PACYTRACRIS T			5
IBBEAN PEZIZALES TAXONOMY AND BIOLOGY OF THE OPERCULATE			DISCOMYCETES (PEZIZALES) MONOGRAPHIC STUDIES OF			113
ENSORY DEVELOPMENT AND LEARNING PROCESSES IN ADULT FORMS			DISCRIMINATION LEARNING IN RATS AND GUINEA PIGS E			17
NES SCRISTOSOMIASIS IN CELEBES EPIDEMIOLOGY OF ZOONOTIC			DISEASE ZOORESSES OF INDONESIA INTRODUCTION OF NO			163
COMMERCIAL BIVALVE MOLLUSCS VARIOUS ASPECTS OF PARASITIC			DISEASES IN OYSTER POPULATIONS BACTERIAL AND VIR			19
CLOGY OF SOLDIER FLY BIOLOGICAL CONTROL OF SOLDIER FLIES			DISPERSION MATING BEHAVIOR PHEROMONES MASS-REA			102
ND NEST BUILDING IN THE ZEBRA FINCH EFFECTS OF AGONISTIC			DISPAYS IN BARBUS STOLICANUS PARENTAL BEHAVIOR			41
ACER MOVEMENT IN SATURATED POROUS MEDIA SUBSURFACE WASTE			DISPOSAL GROUNDWATER; RESEARCH ON SUBSURFACE WA			81
E CROPS INCLUDING TOXICITY OF NON NUTRIENT ELEMENTS LAND			DISPOSAL OF SEWAGE SLUDGE LAND RECLAMATION EVAL			9
ASTE DISROSAL GROUNDWATER; RESEARCH ON SUBSURFACE WASTE			DISPOSAL AND SOIL MISTURE; GROUND WATER-STREA			81
MONITORING PROGRAMS NINE IRDUSTRIAL DOMESTIC VICTORIA			DISTRICT TRUNK SEWERS UTAR HIN'S LTD. MARINE NON			43
NT ECOLOGY IN EXTREME ENVIRONMENTS THE ECOLOGY OF LARREA			DIVARICATA IN THE DESERTS OF THE S.W. U.S. ECOLO			100
ATION STRUCTURE INTERTIDAL SUBSTRATE ROGOSITY AND SPECIES			DIVERSITY SILURIAN ECHLOROID TRACES ALGAL POOLIN			124
MARINE POLLUTION MONITORING PROGRAMS NINE INDUSTRIAL			DOMESTIC VICTORIA DISTRICT TRUNK SEWERS DTAH NTR			43
AND DEVELOPMENT BIOCHEMICAL ECOLOGY OF LOWER PLANTS SEED			DOMINANCY AND GERMINATION POLE OF INITIATION PACT			12
POISONING IN WATERPOWL ERIZOTOLOGY OF TRICBANOMIASIS IN			DOVES WATERPOWL PATROLOGY LEAD P			138
MINISTRATOR OF LAND AND NATURAL RESOURCES STUDY OF GUAN			DOVES STUDY OF FRUIT BATS COMPILATION OF NEEDED			112
ARTICULARLY PESTICIDES CONTROL OF RICE INSECT RESTS WITH			DRUG INSECTICIDES CONTROL OF PERENNIAL GRASSES IN			1
ON AND ENERGY CHANGES IN CHIRHOARDAN DESERT VEGETATION CE			DRAINAGE BASIN IN JASPER NATIONAL PARK VEGETATIO			61
Y; ALGAL MASS CULTURES MARICULTURE ADVICE ON PERHANCY CP			DREDGING OPERATION IN PEEP LAGOON ST. CROIX ADV			56
ING QUALITY OF DRY FISR PROXIMATE COMPOSITION STUDIES IN			DRY FISH STUDIES IN FISREWIPS FOOD TECHNOLOGY B			128
TECHNOLOGY BECCE-DE-MER CONSULTANT IMPROVING QUALITY CP			DRY FISH PROXIMATE COMPOSITION STUDIES IN DRY PI			87
ON A POPULATION OF MOUSE EFFECT OF PREDATORS OR NESTING			DOCKS CRIP LAKE WILDLIFE - INVENTORY WITH RECOMM			128
DIPALS NORTH QUEENSLAND ECOLOGY AND CONSERVATION OF THE			DUGONG MANHAL ECOLOGY AND BEHAVIOR ECOLOGY OF M			60
OF PLANTS GENERAL CONSERVATION USES NINE REVEGETATION SAND			DUKE STAB. SHORELINE REVEG. USP			13
PULATIONS OF WESTERN LAKE EBIE			DYNAMICS AND ECOLOGY OF FISR POPULATIONS FISR PO			108
GULATES REARST RARCR CALIFORNIA ECOLOGY OF PERAL ROGS			DRY CREEK BANCF CALIFORNIA WILDLIFE-LOGGING REL			8
L EFFECTS ON BEHAVIOR PHYSIOLOGICAL ECOLOGY; POPULATCR			DYNAMICS; PHYSICAL AND BIOLOGICAL EFFECTS ON POP			97
SH RESIDUES (SOILS WATERS PLANT) TOXICOLOGY (HEPATIC			DYSFUNCTION AND PESTICIDY INTERACTIONS) SIGNIFIC			101
C ECOLOGY ECOLOGY OF SEA BIRD ISLAND ECOLOGY OF THE BALD			EAGLE WILDLIFE ECOLOGY WITH BEPPERENCE TO INTERR			57
ON SURVEY WILDLIFE MANAGEMENT CENSUSING WILDLIFE GOLDEN			EAGLE POPULATION STUDIES MOUNTAIN LION HABITAT A			106
OLGY OF EAST AFRICAN GAME ESPECIALLY GIRAFFE DANGER OF			EAGLES TO AIRCRAFT AT AIRPORTS IN B.C. ADAPTION			50
RECTING GRADUATE STUDENTS IN WILDLIFE ECOLOGY ECOLOGY OF			EAST AFRICAN GAME ESPECIALLY GIBAPPE DANGER OF			50
NESTING ECOLOGY OF EASTERN BLUEBIRD VOCALIZATIONS OF			EASTERN BLUEBIRD BANDING STUDY			115
ND BANDING STUDY			EASTERN BLUEBIRD VOCALIZATIONS OF EASTERN BLUEBI			115
ALBERTA BEHAVIORAL RESPONSES OF MOUNTAIN WHITEFISH AND			EASTERN BROOK TROUT ECOLOGICAL IMPACT OF PROPOSE			148
Y BIRDS AIRPORT MORTALITY MIGRATION FLYWAY OF SHORE BIRDS			EASTERN-QUEBEC NORTH AMERICA BREEDING BIRD SURVE			31
RTIDAL SUBSTRATE ROGOSITY AND SPECIES DIVERSITY SILURIAN			ECHIBOUID TRACES ALGAL POOLING ON ACRYLIC PLATES			124
S- CANADIAN PIPELINE STUDY OF ANIMAL BEHAVIOR & ECOLOGY			ECOLLARED PECCARY IN THE ARIZONA DESERT MIGRATIO			134
USO MAYOR DE LA TIERRA EN COLOMBIA LIFE ZONE SYSTEM OF			ECOLOGICAL ANALYSIS AND MAPPING; LAND CAPABILITY			150
GIONAL AND RESOURCE PLANNING ECONOMICS OF RURAL LAND USE			ECOLOGICAL ANALYSIS OF WATERLOO COUNTY ECOLOGICA			30
LIMNOLOGY AND WATER POLLUTION ARE MY GREATEST COMPETENCE			ECOLOGICAL AND AQUATIC INSECTS STUDIES IN VIENNA			160
OF RURAL LAND USE ECOLOGICAL ANALYSIS OF WATERLOO COUNTY			ECOLOGICAL APPROACH TO REGIONAL PLANNING TRF AR			30
RESPONSES OF MOUNTAIN WHITEFISH AND EASTERN BROOK TROUT			ECOLOGICAL IMPACT OF PROPOSED RESERVOIR SITE ON			148
Y & EVALUATION LANDSLIDES IN HICA RESERVOIR QUATERRARY &			ECOLOGICAL INVESTIGATIONS - OGILVIE MTS. EURON			122

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

TCHEWAN AND THE EFFECT OF THE ENVIRONMENT ON WEED SEEDS	166
OGICAL APPROACH TO REGIONAL PLANNING THE APPLICATION OF	30
CLASSIFICATION; LAND MANAGEMENT SYSTEMS FOR THE TROPICS	150
DYNAMICS NON-LIVING ORGANIC MATTER DYNAMICS IN DEEP OCEAN	22
HIMALAYA LIFE HISTORY AND POPULATION DYNAMICS OF CRANES	62
POPULATION CHANGES IN GOPPIES LAHOG CREEK CEEB REVIEW	95
SURVEYS OF BIRDS PACIFIC OCEAN BIOLOGICAL SURVEY PROGRAM	92
PRODUCTION ECOLOGY	20
SURVEY OF BIRDS OF NORTH CHILE POPULATION ESTIMATES AND	92
DEPOSITS AND THEIR RELATIONSHIP TO THE "GRASS ROOTS" OF	122
ICE PENGUINS ARTHROPOD ECOLOGY CAPE HORN ISLANDS AQUATIC	16
ATED TO URBAN AND URBANIZING REGIONS UTICA SUNY CAMPUS	38
T SELECTION IN 2 SPECIES OF ALBERTA CHIPMUNKS MAMMALIAN	94
FE-LOGGING RELATIONSHIPS, SOUTHEAST ALASKA LARGE MAMMAL	8
RANGE, WA NATURAL RESEARCH AREA SURVEY PLANT COMMUNITY	39
ENVIRONMENTAL PROTECTION BOARD ARCTIC AND ALPINE PLANT	14
QUEENSLAND ECOLOGY AND CONSERVATION OF THE DUGONG MAMMAL	60
ECOLOGY OF SAVANNAH WOODLAND MARSUPIALS NORTH QUEENSLAND	60
ECOLOGY AND CONTROL OF VERTEBRATE PESTS	45
ECOLOGY AND CO2 GAS EXCHANGE OF ARCTIC MOSSES EC	100
LOGICAL IMPACT OF PROPOSED RESERVOIR SITE ON BOW RIVER	148
S.W. U.S. ECOLOGY AND CO2 GAS EXCHANGE OF ARCTIC MOSSES	100
LY IN POLAR REGIONS PRODUCTIVITY OF ARCTIC BRYOPHYTES	156
LIMITS OF MERRIAM K RAT IN PECOS RIVER PHYSIOLOGICAL	130
UDIES IN FORESTS NEW MONTREAL INTERNATIONAL AIRPORT AREA	31
LEMAN INTERNAL TEMPERATURES ANTARCTIC PENGUINS ARTHROPOD	16
BY DAM THERMAL STUDY AQUATIC PRODUCTIVITY PHYTOPLANKTON	103
SED TRANS- CANADIAN PIPELINE STUDY OF ANIMAL BEHAVIOR &	134
PRODUCTION ECOLOGY ECOLOGICAL SURVEY TROPICAL MOUNTAINS	20
INSULAR PROBLEMS DIRECTING GRADUATE STUDENTS IN WILDLIFE	50
O INTERPRETATION OF CONSERVATION VALUES TO PUBLIC ARCTIC	57
OSTRACOD THERMOBIOLOGY AND MICROBIAL	163
POSED BANKS ALONG 360 MILES OF NORTHERN RAILROAD FOREST	116
ERT EFFLUENT BY PHOTOGRAPHY CULTURAL EFFECTS ON AQUATIC	55
THESIS PATTERNS OF SUBARCTIC PLANTS PHYSIOLOGICAL PLANT	100
ANALYSIS OF MAMMAL BEHAVIORAL-	34
IAN ECOLOGY - HABITAT UTILIZATION SUBALPINE SMALL MAMMAL	94
IN PECOS RIVER PHYSIOLOGICAL ECOLOGY AND VERTEBRATE	130
ENTRIC ORGANISMS AND DISTRIBUTION ABUNDANCE REPRODUCTIVE	149
ICAL STUDIES, SILT BAY, CEBU POPULATION AND PRODUCTION	95
EBEC BIRDS OF PORTILLON NATIONAL PARK, QUEBEC POPULATION	37
"THE BLACKWATER ESTUARY ECOLOGY OF LAGOON "THE SWANPOOL"	7
PROBLEMS DIRECTING GRADUATE STUDENTS IN WILDLIFE ECOLOGY	50
TERN BLUEBIRD BANDING STUDY NESTING	115
EBICIDES AND ANIMALS IN ASPEN COMMUNITY REPRODUCTION AND	157
COLOGY OF INTRODUCED UNGULATES BEARST RANCH CALIFORNIA	8
WESTERN LAKE ERIE DYNAMICS AND	108
L COMPETITION OF CODLING MOTH APPLIED	89
AL ECOLOGY - POPULATION DYNAMICS - HABITAT RELATIONSHIPS	8
E CAVES DEEP SUBMERSSIBLE SURVEY OF JAMAICA REEPS BIOLOGY	121
S) SURVEY OF THE SOLENT SURVEY OF THE BLACKWATER ESTUARY	7
COLOGY OF NORTHERN INTERIOR GRIZZLY BEAR	111
PHYSIOLOGICAL PLANT ECOLOGY IN EXTREME ENVIRONMENTS THE	100
DLING MOTH APPLIED ECOLOGY OF INSECTS	89
ANT PHYSIOLOGY PLANT GROWTH AND DEVELOPMENT BIOCHEMICAL	12
N ARCTIC SYSTEMATICS OF CORALLINE ALGAE SYSTEMATICS AND	82
ARINE ACOEL SAND BEACH HEIOPADRA ECOSYSTEM REPRODUCTIVE	149
NG PRAWN POPULATIONS IN QUEENSLAND BIOLOGY AND	117
CONSERVATION OF THE DUGONG MAMMAL ECOLOGY AND BEHAVIOR	60
ECOLOGY OF LARGE MAMMALS ESPECIALLY CARNIVORES	111
IC ECOLOGY (ANIMAL) OF WATERS FERTILIZED BY HUMAN WASTES	16
Y AND BEHAVIOR ECOLOGY OF MARSUPIALS WESTERN AUSTRALIA	60
RETATION OF CONSERVATION VALUES TO PUBLIC ARCTIC ECOLOGY	57
EDS EFFECT OF INSTALLING PIPELINE ACROSS DETROIT RIVER	164
LOES TO PUBLIC ARCTIC ECOLOGY ECOLOGY OF SEA BIRD ISLAND	57
D THERMOBIOLOGY AND MICROBIAL ECOLOGY	163
IN ASPEN COMMUNITY REPRODUCTION AND ECOLOGY OF EUTAMIAS	157
E DESIGN 406 HIGHWAY IMPACT STUDY ORKARY COUNTY SYSTEMS	38
P-SEA PELAGIC ENVIRONMENT AND PHYTOPLANKTON TAXONOMY AND	69
PHYSICAL) ON PLANTS AND PLANT COMMUNITIES. PHYSIOLOGICAL	166
Y OF SEA BIRD ISLAND ECOLOGY OF THE BALD EAGLE WILDLIFE	57
INSCTS OF WEST INTERIOR OF CANADA EPHEMEROPTERA RIVER	83
TY MIGRATORY BIRDS AS AIR TRAFFIC HAZARDS RUNNING WATER	152
IRDS AS AIR TRAFFIC HAZARDS RUNNING WATER ECOLOGY BIRD	152
YSOMELIDAE BIOLOGICAL CONTROL OF CANADA THISTLE BIOLOGY	5
PLE APRIDS PPA APRIDS TOBACCO CUTWORMS INSECT AND MITE	142
SOME NEW HAMPSHIRE LAKES EUTROPHICATION PHYTOPLANKTON	59
L ECOSYSTEMS PARTICULARLY FORESTS	104
ES TRANSFER FROM BATS TO MICE IN MIRES AND CAVES MAMMAL	151
HGH LATITUDES INVENTORY OF ALBERTA LAKES DISTRIBUTION	52
WORMS INSECT AND MITE ECOLOGY ORCHARD APPLE PEA APRID	142
INTERIOR OF CANADA EPHEMEROPTERA RIVER ECOLOGY AQUATIC	83
RESEARCH ALGAL COMMUNITIES IN LAKES LIMNOLOGY ESTUARINE	146
POR KEEPING SEAWATER INTAKE SCREEN CLEAN PHYTOPLANKTON	56
SECTS - ENVIRONMENTAL EFFECTS ON BEHAVIOR PHYSIOLOGICAL	97
ECOLOGICAL LIFE HISTORIES OF PERSISTENT PERENNIA	166
ECOLOGICAL PRINCIPLES TO REGIONAL AND RESOURCE P	30
ECOLOGICAL RECONNAISSANCE OF THE GUATEPE HYDROEL	150
ECOLOGICAL STUDIES OF INSHORE WATERS OF ATLANTIC	22
ECOLOGICAL STUDIES ON THE JAPANESE CRANE BIOLOGY	62
ECOLOGICAL STUDIES SILDIT BAY CEBU POPULATION	95
ECOLOGICAL SURVEY OF BIRDS OF NORTH CHILE POPUL	92
ECOLOGICAL SURVEY TROPICAL MOUNTAINS	20
ECOLOGICAL SURVEYS OF BIRDS PACIFIC OCEAN BIOLOG	92
ECOLOGICAL SYSTEMS COAL PROPERTY & EVALUATION LA	122
ECOLOGY (ANIMAL) OF WATERS FERTILIZED BY HUMAN W	16
ECOLOGY & DESIGN 406 HIGHWAY IMPACT STUDY ORKARY	38
ECOLOGY - HABITAT UTILIZATION SUBALPINE SMALL MA	94
ECOLOGY - POPULATION DYNAMICS - HABITAT RELATION	8
ECOLOGY - STRUCTURE DYNAMICS COMPOSITION; TAXO	39
ECOLOGY AND ARCTIC ECOSYSTEM AND PERTURBATION S	14
ECOLOGY AND BEHAVIOR ECOLOGY OF MARSUPIALS WEST	60
ECOLOGY AND CONSERVATION OF THE DUGONG MAMMAL E	60
ECOLOGY AND CONTROL OF VERTEBRATE PESTS	45
ECOLOGY AND CO2 GAS EXCHANGE OF ARCTIC MOSSES EC	100
ECOLOGY AND LIFE HISTORY OF FRESHWATER FISHES LI	148
ECOLOGY AND PHOTOSYNTHESIS PATTERNS OF SUBARCTIC	100
ECOLOGY AND SYSTEMATICS OF BRYOPHYTES PARTICULAR	156
ECOLOGY AND VERTEBRATE ECOLOGY NORTHERN GEORGIA	130
ECOLOGY BIRDS AIRPORT MONTREAL MIGRATION FLWAY	31
ECOLOGY CAPE HORN ISLANDS AQUATIC ECOLOGY (ANIM	16
ECOLOGY CHURCHILL FALLS LABRADOR ENVIRONMENTAL	103
ECOLLARED PECCARY IN THE ARIZONA DESERT	134
ECOLOGY ECOLOGICAL SURVEY TROPICAL MOUNTAINS	20
ECOLOGY OF EAST AFRICAN GAME ESPECIALLY	50
ECOLOGY OF SEA BIRD ISLAND ECOLOGY OF TH	57
ECOLOGY ECOLOGY OF TWO THERMOPHILIC ALGAE AND AN	163
ECOLOGY EFFECT OF CHANGING WATER TABLE ON HARDWO	116
ECOLOGY EFFECTS OF ATMOSPHERIC NUCLEAR TESTS ON	55
ECOLOGY IN EXTREME ENVIRONMENTS THE ECOLOGY OF L	100
ECOLOGY IN RELATION TO HABITAT	34
ECOLOGY IN WASHINGTON STATE HABITAT SELECTION IN	94
ECOLOGY NORTHERN GEORGIA LIMITS OF MERRIAM K RAT	130
ECOLOGY OF AN ESTUARINE ACOEL SAND BEACH METOPAD	149
ECOLOGY OF AQUATIC ORGANISMS PRIMARILY FISH SUR	95
ECOLOGY OF BIRDS IN RELATION WITH PLANT SUCCESSI	37
ECOLOGY OF BRACKISH-WATERS ESPECIALLY ESTUARIES	7
ECOLOGY OF EAST AFRICAN GAME ESPECIALLY GIRAFFE	50
ECOLOGY OF EASTERN BLUEBIRD VOCALIZATIONS OF EAS	115
ECOLOGY OF EUTAMIAS ECOLOGY OF VERTEBRATES (PRI	157
ECOLOGY OF FERAL HOGS DYE CREEK RANCH CALIFORN	8
ECOLOGY OF FISH POPULATIONS FISH POPULATIONS OF	108
ECOLOGY OF INSECTS ECOLOGY OF LEAF ROLLERS LARVA	89
ECOLOGY OF INTRODUCED UNGULATES BEARST RANCH C	8
ECOLOGY OF JAMAICAN DEMOSPONGIAE FEEDING AND EN	121
ECOLOGY OF LAGOON "THE SWANPOOL" ECOLOGY OF BRA	7
ECOLOGY OF LARGE MAMMALS ESPECIALLY CARNIVORES E	111
ECOLOGY OF LARREA DIVARICATA IN THE DESERTS OF T	100
ECOLOGY OF LEAF ROLLERS LARVAL COMPETITION OF CO	89
ECOLOGY OF LOWER PLANTS SEED DORMANCY AND GERMIN	12
ECOLOGY OF MARINE ALGAE MARINE ALGAE OF THE CANA	82
ECOLOGY OF MARINE BENTHIC ORGANISMS AND DISTRIBU	149
ECOLOGY OF MARINE MACRO CRUSTACEA DYNAMICS OF XI	117
ECOLOGY OF MARSUPIALS WESTERN AUSTRALIA ECOLOGY	60
ECOLOGY OF NORTHERN INTERIOR GRIZZLY BEAR	111
ECOLOGY OF PERCH OF LAC LEMAN INTERNAL TEMPERA	16
ECOLOGY OF SAVANNAH WOODLAND MARSUPIALS NORTH	60
ECOLOGY OF SEA BIRD ISLAND ECOLOGY OF THE BALD E	57
ECOLOGY OF STREAM BENTHOS DISTRIBUTION OF ANIMAL	164
ECOLOGY OF THE BALD EAGLE WILDLIFE ECOLOGY WITH	57
ECOLOGY OF TWO THERMOPHILIC ALGAE AND AN OSTRACO	163
ECOLOGY OF VERTEBRATES (PRIMARILY MAMMALS) HERBI	157
ECOLOGY RELATED TO URBAN AND URBANIZING REGIONS	38
ECOLOGY ROLE OF TINTINIDS IN FOOD WEBS UNIDENTI	69
ECOLOGY THISTLE SEED DEVELOPMENT AND THE EFFECT	166
ECOLOGY WITH REFERENCE TO INTERPRETATION OF CONS	57
ECOLOGY AQUATIC ECOLOGY WATER POLLUTION TREBNA	83
ECOLOGY BIRD ECOLOGY CONSERVATION NATURAL RESO	152
ECOLOGY CONSERVATION NATURAL RESOURCES RUNNING	152
ECOLOGY CONTROL OF DIPTERA ON LIVESTOCK TAXONOMY	5
ECOLOGY ORCHARD APPLE PEA APRID ECOLOGY TOBAC	142
ECOLOGY PRIMARY PRODUCTION ARTIFICIAL CIRCULAT	59
ECOLOGY PRODUCTIVITY AND DYNAMICS OF TERRESTRIA	104
ECOLOGY SPECIES TO COMMUNITY LEVEL; DIET DETERM	151
ECOLOGY TAXONOMY AND SECONDARY PRODUCTION OF Z	52
ECOLOGY TOBACCO CUTWORMS APPLE APRIDS PEA APRID	142
ECOLOGY WATER POLLUTION THERMAL POLLUTION BY A	83
ECOLOGY WATER RESOURCE MANAGEMENT OKANAGAN WATE	146
ECOLOGY; ALGAL MASS CULTURES MARICULTURE ADVICE	56
ECOLOGY; POPULATION DYNAMICS; PHYSICAL AND BIOL	97

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

OMA VAGELLA SUPPRESSION OF MACADAMIA INSECTS WITH U.L.V.	102
LAKE FISHERY MANAGEMENT PRACTICES BIOL. RECREATIONAL AND	88
IPS - FOOD OF COMMERCIAL FISH FISHERIES MANAGEMENT BOTH	36
RAINT TROPICAL AGRONOMY AND SOIL SCIENCE FERTILIZER USE	158
ECOLOGICAL PRINCIPLES TO REGIONAL AND RESOURCE PLANNING	30
T BIOLOGY AND CONTROL IN TEMPERATE AND SUBTROPICAL AREAS	85
CTIVE ECOLOGY OF AN ESTUARINE ACEP SAND BEACH METEOROLOGICAL	149
IE REGION, QUEBEC ANALYSIS AND SIMULATION OF ECOSYSTEMS	149
CTION BOARD ARCTIC AND ALPINE PLANT ECOLOGY AND ARCTIC	14
SE CHANGE IN NATAL MIDLANDS SOUTH AFRICA APPLICATION OF	3
ATION FLOW IN NEW YORK CITY'S EPA MODELING ANALYSIS OF	26
MENT LEAF SIZES IN VARIOUS ENVIRONMENTS DOT TRANSFERS IN	109
LAW OF ESTRIE REGION, QUEBEC ANALYSIS AND SIMULATION OF	4
SM OF ALGAE AND THEIR EFFECTS ON ENERGY FLOWS IN AQUATIC	159
ECOLOGY PRODUCTIVITY AND DYNAMICS OF TERRESTRIAL	104
MES BAY HYDRO DEVELOPMENT ENVIRONMENTAL IMPACT NORTHERN	6
ENTAL STATEMENT MDD MOUNTAIN DAM ENVIRONMENTAL STATEMENT	93
IC AND ELECTRIC FIELDS ELECTRO SENSITIVITY OF SALMON AND	127
NSERVATION ACT EFFECTIVENESS SAC. CO. PLANNING EXECUTIVE	71
CRITERIA COMPUTER MAPPING CALIF. LAND CONSERVATION ACT	71
TON ORGANISMS EFFECT OF THERMAL EFFLUENT OF BIOTA HEATED	52
CTION OF FISHERY RESOURCES DETOXIFICATION OF KHAPT HILL	136
OPPLANKTON ON PHYTOPLANKTON SPECIE MEASURING TUNA CANNERY	55
BY PRODUCTION OF ZOOPLANKTON ORGANISMS EFFECT OF THERMAL	52
TOXICITY OF HEAVY METALS TO YOUNG SALMON EVALUATION OF	136
CROP RESPONSE TO PLANT NUTRIENTS-SEVEN CROPS TROP-TEMPH.	158
O WEEVIL SYSTEMATIC EVOLUTIONARY BIOGEOGRAPHICAL STUDIES	144
D ELECTRIC FIELDS ELECTRO SENSITIVITY OF SALMON AND BELS	127
EFFECTS ENERGY RELATIONSHIPS IN BIOLOGY OF MAGNETIC AND	127
RELATIONSHIPS IN BIOLOGY OF MAGNETIC AND ELECTRIC FIELDS	127
STRUCTURE OF SENSE ORGANS ON FACELY	65
SCANE PESTS BIOLOGY OF THE WEST INDIAN ROOT BORER WEEVIL	97
EXPERIENCES BACHELORS'S DEGREE IN WILDLIFE BIOLOGY NOW	74
A PAPA DETERMINACION CAPACIDAD DE USO MAIOR DE LA TIERRA	150
CT HORMONES AND SPASIONAL COLOR CHANGE HARES & PTARMIGAN	64
PREDICTION OF CRAB FISHERY ENERGY FLOW IN KELP COMMUNITY	96
VITY STUDIES OF FISH ENVIRONMENTAL PHYSIOLOGY OF FISH -	78
PS BIOLOGY ECOLOGY OF JAMAICAN DEMOSPONGIAE FEEDING AND	121
OF ASSOCIATED ENVIRONMENTAL FACTORS. NET PRODUCTION AND	61
PROJECT LIMNOLOGICAL	162
RADIATION ON LUMBRICUS TERRESTRIS SOIL AS IT RELATES TO	98
PREVENT OF ALGAL ASSAY PROCEDURE EUTROPHICATION OF WATERS	84
INE BENTHIC COMMUNITIES YIELD PREDICTION OF CRAB FISHERY	96
W IN KELP COMMUNITY ENERGETICS OF CTENOPHORE POPULATION	96
S TO ENERGY FLOW AND POPULATION DYNAMICS OF SOIL ANIMALS	98
TURE EFFECTS ON METABOLISM OF ALGAE AND THEIR EFFECTS ON	159
ELING IN THE OCEAN ULTRASTRUCTURE AND ITS FIELD EFFECTS	127
SIPICATION SOIL SURVEY LAND USE FOR AGRICULTURE REC.	133
INTENSIVE SYSTEMS GENETIC EVALUATION OF PRENCH CATTLE IN	63
N OF PATHOGENS OF INSECTS BIOLOGICAL CONTROL IN MEDICAL	80
INSECT TOXICOLOGY DERMATERIA NUMERICAL TAXONOMY FOREST	129
CH LAB. ENTOMOLOGY IN CHARGE OF ENTOMOLOGY RESEARCH LAB.	18
MALE TECHNIQUE AND ATTRACTANT IN CHARGE OF RESEARCH LAB.	18
ATION EFFECT STUDIES ON SPARGANOTIS MILLERIANA AQUATIC	160
CTANT IN CHARGE OF RESEARCH LAB. ENTOMOLOGY IN CHARGE OF	160
SIS OF POLLUTION EFFECTS INTERDISCIPLINARY APPROACHES TO	79
T MANAGEMENT WORKSHOPS INDUSTRIAL IMPACT ON COASTAL ZONE	47
LIFE HISTORIES OF PERSISTENT PEBRENIAL WEEDS EFFECT OF	166
ON PODOPTHALMUS VIGIL MICROBIOLOGY OF DEEP-SEA PELAGIC	69
ISTAN PESTICIDES AND PRODUCTION PROBLEMS DEVELOPMENT AND	24
NTAL IMPACT ASSESSMENT INDUSTRIAL IMPACT ON COASTAL ZONE	35
SE IN SUPPOLK SANDLINGS: A SYSTEMS APPROACH LAND USE AND	3
ADAPTATIONS OF PLANTS FOR HEAT AND MASS TRANSFERS WITH	109
L ECOLOGY TRISTLE SEED DEVELOPMENT AND THE EFFECT OF THE	166
ARNING AND EVALUATION OF RESOURCE DEVELOPMENT WITH LEAST	24
RAFT AT AIRPORTS IN B.C. ADAPTICN OF AFRICAN MAMMALS TO	50
ON. RES. DEVELOPMENT OF INTERDISCIPLINARY APPROACHES TO	79
IRONMENT RESOURCE AND ENVIRONMENTAL PLANNING AND POLICY	47
ALL DEER WINTER RANGE STUDY BLUE GROUSE POPULATION STUDY	132
LING & MAPPING LAND DEVELOPMENT & USE CONTROLS BASED ON	71
INDIAN ROOT BORER WEEVIL ELECTROPHYSIOLOGY OF INSECTS -	97
NT COMMUNITY RELATIONSHIPS AND CORRELATION OF ASSOCIATED	61
IMPACT OF NORTHERN PIPELINES JAMES BAY HYDRO DEVELOPMENT	6
ENVIRONMENTAL IMPACT MANAGEMENT WORKSHOPS AN APPROACH TO	35
ASSESSMENT INDUSTRIAL IMPACT ON COASTAL ZONE ENVIRONMENT	35
LICY ENVIRONMENTAL ASPECTS OF WATER MANAGEMENT DECISIONS	47
SYSTEMS WITH PARTICULAR REFERENCE TO WILDLIFE MANAGEMENT	6
GY AND ARCTIC ECOSYSTEM AND PERTURBATION STUDIES ARCTIC	14
ES ARCTIC ENVIRONMENTAL MANAGEMENT PANARCTIC OILS ARCTIC	14
AL STUDY BIOLOGICAL & CHEMICAL MONITORING OF MINE WASTES	46
ANAEROBIOSIS AND BEHAVIOR BIOLOGY OF VAIGAI DAM FISHES	78
LOGY OF ATLANTIC SALMON SMOLTS ACTIVITY STUDIES OF FISH	78
USTRIAL IMPACT ON COASTAL ZONE ENVIRONMENT RESOURCE AND	47
METAL AND OTHER ENVIRONMENTAL POLLUTION INTERACTIONS OF	32
BIOLOGY AND SOIL STUDIES ESPECIALLY HEAVY METAL AND OTHER	32
ECOLOGIC SIGNIFICANCE AND BIOLOGY OF SOLDIER FLY	102
ECON. PARAMETER OF A STREAM FISHERY ANALYSIS OF	88
ECONOMIC AND BIOLOGICAL FISHERIES MANAGEMENT CON	36
ECONOMICS ALL CLIMATIC ZONES AG SECTOR ANALYSIS	158
ECONOMICS OF RURAL LAND USE ECOLOGICAL ANALYSIS	30
ECOPHYSIOLOGY - BIONOMICS OF ALPALPA WEEVIL HYP	85
ECOSYSTEM REPRODUCTIVE ECOLOGY OF MARINE BENTHI	149
ECOSYSTEM ANALYSIS SYSTEMS ANALYSIS OF LAKE TEXO	149
ECOSYSTEM AND PERTURBATION STUDIES ARCTIC PWIR	14
ECOSYSTEM CONCEPT IN LAND USE STUDIES AND CONSER	3
ECOSYSTEM PROCESSES FOR USE BY PLANNERS POLICY	26
ECOSYSTEMS ADAPTATIONS OF PLANTS FOR HEAT AND M	109
ECOSYSTEMS ECOSYSTEM ANALYSIS SYSTEMS ANALYSIS O	4
ECOSYSTEMS FERTILIZER EFFECT ON PRODUCTIVITY IN	159
ECOSYSTEMS PARTICULARLY POPESTS	104
ECOSYSTEMS WITH PARTICULAR REFERENCE TO WILDLIFE	6
EDIZ HOOK BEACH EROSION ENVIRONMENTAL STATEMENT	93
BELS ELECTRIC FIELD MODELING IN THE OCEAN ULTRAS	127
EFFECTIVENESS GEOGRAPHIC DATA HANDLING & MAPPING	71
EFFECTIVENESS SAC. CO. PLANNING EXECUTIVE EFFECT	71
EFFLUENT AT HIGH LATITUDES INVENTORY OF ALBERTA	52
EFFLUENT BY AN AERATED LAGOON TOXICITY OF MUNICI	136
EFFLUENT BY PHOTOGRAPHY CULTURAL EFFECTS ON AQU	55
EFFLUENT OF BIOTA HEATED EFFLUENT AT HIGH LATITD	52
EFFLUENT TREATMENTS FOR PROTECTION OF FISHERY R	136
EL/SALVADOR ROLE SOIL SCIENCE IN CENTRAL-AG SECT	158
ELATERIDAR SYSTEMATICS OF INSECTA LEADING TO EV	144
ELECTRIC FIELD MODELING IN THE OCEAN ULTRASTRUCT	127
ELECTRIC FIELDS ELECTRO SENSITIVITY OF SALMON AN	127
ELECTRO SENSITIVITY OF SALMON AND BELS ELECTRIC	127
ELECTRON MICROSCOPY OF INSECT SENSE ORGANS ULTRA	65
ELECTROPHYSIOLOGY OF INSECTS - ENVIRONMENTAL EFF	97
EMPLOYED BY PENNSYLVANIA GAME COMMISSION 40 RES	74
EN COLOMBIA LIFE ZONE SYSTEM OF ECOLOGICAL ANAL	150
ENDOCRINOLOGY PARTICULARLY REPRODUCTIVE ARCTIC A	64
ENERGETICS OF CTENOPHORE POPULATION ENERGY FLOW	96
ENERGETICS ANAEROBIOSIS AND BEHAVIOR BIOLOGY OF	78
ENERGY BUDGETS OF MARINE BENTHIC SUSPENSION FEED	121
ENERGY CHANGES IN CHIHUAHUA DESERT VEGETATION O	61
ENERGY FLOW AND ARCTIC LIMNOLOGY CCIBP CHAR LAKE	162
ENERGY FLOW AND POPULATION DYNAMICS OF SOIL ANIM	98
ENERGY FLOW IN HUMIC LAKES EUTROPHICATION OF HEL	84
ENERGY FLOW IN KELP COMMUNITY ENERGETICS OF CTEN	96
ENERGY FLOW IN MARINE BENTRIC COMMUNITIES YIELD	96
ENERGY FLOW IN WITES OF AN ASPEN WOODLAND EFFECT	98
ENERGY FLOWS IN AQUATIC ECOSYSTEMS FERTILIZER EF	159
ENERGY RELATIONSHIPS IN BIOLOGY OF MAGNETIC AND	127
ENGINEERING SOIL SURVEY AND LAND CAPABILITY COD	133
ENGLAND ADAPTATION OF CATTLE TO ISRAELI CONDITIO	63
ENTOMOLOGY & AVIAN BLOOD PARASITOLOGY AVIAN HAEM	80
ENTOMOLOGY EVOLUTIONAL BIOLOGY OF DERMATERIA JO	129
ENTOMOLOGY EXPERT HUNGARY NON-CHEMICAL METHODS	18
ENTOMOLOGY IN CHARGE OF ENTOMOLOGY RESEARCH LAB.	18
ENTOMOLOGY LIMNOLOGY AND WATER POLLUTION ARE MY	160
ENTOMOLOGY RESEARCH LAB. ENTOMOLOGY EXPERT HUNGA	160
ENVIRON. RES. DEVELOPMENT OF INTERDISCIPLINARY	79
ENVIRONMENT RESOURCE AND ENVIRONMENTAL PLANNING	47
ENVIRONMENT (BIOLOGICAL AND PHYSICAL) ON PLANTS	166
ENVIRONMENT AND PHYTOPLANKTON TAXONOMY AND ECOLO	69
ENVIRONMENT CONSERVATION PLANNING AND EVALUATIO	24
ENVIRONMENT ENVIRONMENTAL IMPACT MANAGEMENT WORK	35
ENVIRONMENT IN SOUTHERN SPAIN LAND USE CHANGE IN	3
ENVIRONMENT LEAF SIZES IN VARIOUS ENVIRONMENTS D	109
ENVIRONMENT ON SEED GERMINATION AND EARLY SEEDLI	166
ENVIRONMENT POLLUTION WILD BOAR IN WEST PAKISTAN	24
ENVIRONMENT; PARTICULARLY GIRAFFE; ALSO INSULAR	50
ENVIRONMENTAL AND POLLUTION RESEARCH PHYSIOLOGI	79
ENVIRONMENTAL ASPECTS OF WATER MANAGEMENT DECISY	47
ENVIRONMENTAL CONSEQUENCES OF FLOODING A RESERVE	132
ENVIRONMENTAL CRITERIA COMPUTER MAPPING CALIF.	71
ENVIRONMENTAL EFFECTS ON BEHAVIOR PHYSIOLOGICAL	97
ENVIRONMENTAL FACTORS. NET PRODUCTION AND ENERGY	61
ENVIRONMENTAL IMPACT NORTHERN ECOSYSTEMS WITH P	6
ENVIRONMENTAL IMPACT ASSESSMENT INDUSTRIAL IMPAC	35
ENVIRONMENTAL IMPACT MANAGEMENT WORKSHOPS AN AP	35
ENVIRONMENTAL IMPACT MANAGEMENT WORKSHOPS INDUST	47
ENVIRONMENTAL IMPACT OF NORTHERN PIPELINES JAMES	6
ENVIRONMENTAL MANAGEMENT PANARCTIC OILS ARCTIC E	14
ENVIRONMENTAL MANAGEMENT SURVEY ENVIRONMENTAL PR	14
ENVIRONMENTAL MONITORING OF TASO SOUND EFFECTS	46
ENVIRONMENTAL MONITORING OF ATLANTIC SALMON SMOL	78
ENVIRONMENTAL PHYSIOLOGY OF FISH - ENERGETICS A	78
ENVIRONMENTAL PLANNING AND POLICY ENVIRONMENTAL	47
ENVIRONMENTAL POLLUTANTS IN PLANTS HEAVY METAL S	32
ENVIRONMENTAL POLLUTION INTERACTIONS OF ENVIRONM	32

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

NT PANARCTIC OILS ARCTIC ENVIRONMENTAL MANAGEMENT SURVEY	ENVIRONMENTAL PROTECTION BOARD ARCTIC AND ALPIN	94
MOLOGY A AVIAN BLOOD PARASITIC AVIAN PAEMATOZOA AS	ENVIRONMENTAL QUALITY CRITERIA BIOLOGICAL CONTR	80
MINNESOTA MASTITIS CONTROL IMMUNOLOGICAL MICROBIOLOGY	ENVIRONMENTAL SANITATION ESPECIALLY AS RELATED T	40
TAIN DAM ENVIRONMENTAL STATEMENT EDIZ HOOK BEACH PROSIC	ENVIRONMENTAL STATEMENT PLANNING AND ASSESSMENT	93
FROM NAVIGATION ENVIRONMENTAL STATEMENT HUD MOUNTAIN DAM	ENVIRONMENTAL STATEMENT EDIZ HOOK BEACH EROSION	93
FROM WATER RESOURCE DEVELOPMENT WILLABA HARBOR NAVIGATION	ENVIRONMENTAL STATEMENT HUD MOUNTAIN DAM ENVIRON	93
UNITIES TO ENVIRONMENTAL STRESS RESPONSE OF ALFIVIES TO	ENVIRONMENTAL STRESS EFFECT OF TEMPERATURE OF SU	29
MONITORS TO ENVIRONMENTAL STRESS RESPONSE OF ALEWIVES TO	ENVIRONMENTAL STRESS EFFECT OF TEMPERATURE ON SU	26
SLUDGE DEPOSITS RESPONSE OF FISH AND FISH COMMUNITIES TO	ENVIRONMENTAL STRESS RESPONSE OF ALEWIVES TO ENV	28
SLUDGE DEPOSITS RESPONSE OF FISH AND FISH COMMUNITIES TO	ENVIRONMENTAL STRESS RESPONSE OF ALEWIVES TO ENV	29
NAVY MPAL CONTAMINATION ON MACROPADNA PFC OF CANADA LTD	ENVIRONMENTAL STUDY BIOLOGICAL & CHEMICAL MONIT	46
ACTIVITY PHYTOPLANKTON ECOLOGY CHURCHILL FALLS LABRADOR	ENVIRONMENTAL STUDY BOUNDARY DAM THERMAL STUDY	103
ND MASS TRANSFERS WITH ENVIRONMENT LEAF SIZES IN VARIOUS	ENVIRONMENTS DDT TRANSFER IN ECOSYSTEMS ADAPTA	109
SUBARCTIC PLANTS PHYSIOLOGICAL FLANT ECOLOGY IN EXTREME	ENVIRONMENTS TRE ECOLOGY OF LARREA DIVARICATA IN	100
SPREAD OF TOADFLAX IN SASKATCHEWAN AND THE EFFECT OF THE	ENVIRONMENT ON WEEP SPEEDS ECOLOGICAL LIFE HISTO	166
NT TRAINING PROGRESS INFORMATION FLOW IN NEW YORK CITY'S	FPA MODELING ANALYSIS OF ECOSYSTEM PROCESSES P	26
TAXONOMY OF AQUATIC INSECTS OF WEST INTERIOR OF CANADA	EPHEMEROPTERA RIVER ECOLOGY AQUATIC ECOLOGY WA	83
IA INTRODUCTION OF MONYMONES SCHISTOSOMIASIS IN CLEBERE	EPIDEMIOLOGY OF ZOONOTIC DISEASE ZOONOSSES OF IND	153
OGY OF FISH POPULATIONS FISH POPULATIONS OF WESTERN LAKE	EPIZOOTIOLOGY OF TRICHOMONIASIS IN DOVES	138
HUD MOUNTAIN DAM ENVIRONMENTAL STATEMENT EDIZ HOOK BEACH	ERIE DYNAMICS AND ECOL	108
OL IMMUNOLOGICAL MICROBIOLOGY ENVIRONMENTAL SANITATION	EROSION ENVIRONMENTAL STATEMENT PLANNING AND AS	93
OF CALIF. QUAIL THE DYNAMICS OF TERRESTRIAL VERTEBRATES	ESPECIALLY AS RELATED TO HOSPITAL AND INDUSTRIAL	40
OR GRIZZLY BEAR ECOLOGY OF LARGE MAMMALS	ESPECIALLY BIRDS AND MAMMALS POPULATION DYNAMICS	137
YBRACHIS "AXONOMY BIOLOGY ZOOGEOGRAPHY OF COLEOPTERA	ESPECIALLY CARNIVORES ECOLOGY OF NORTHERN INTERI	111
GY OF LAGOON "THE SWANPOOL" ECOLOGY OF BRACKISH-WATERS	ESPECIALLY CHRYSOMELIDAE BIOLOGICAL CONTROL OF C	5
IBERELLIN-MEDIATED PROCESSES PLANT HORMONE PHYSIOLOGY	ESPECIALLY ESTUARIES (INC. PHYSIOLOGY AND TAXONO	7
UDENTS IN WILDLIFE ECOLOGY ECOLOGY OF EAST AFRICAN GAME	ESPECIALLY GIRAFFELINS AS RELATED TO FLOWERING G	114
TLE TO ISRAELI CONDITIONS ANIMAL BREEDING AND GENETICS	ESPECIALLY GIRAFFE DANGER OF EAGLES TO AIRCRAFT	50
S OF FLORAL PRIMORDIA PLANT PHYSIOLOGY AND SOIL STUDIES	ESPECIALLY GROWTH AND MILK AND MEAT PRODUCTION O	63
AN ECOLOGICAL SURVEY OF BIRDS OF NORTHERN CHILE POPULATION	ESPECIALLY HEAVY METAL AND OTHER ENVIRONMENTAL P	32
LYSIS SYSTEMS ANALYSIS OF LAKE TEXOMA MANAGEMENT PLAN O	ESTIMATES AND ECOLOGICAL SURVEYS OF BIRDS PACIFI	92
N "THE SWANPOOL" ECOLOGY OF BRACKISH-WATERS ESPECIALLY	ESTRIE REGION QUEBEC ANALYSIS AND SIMULATION O	8
NS AND DISTRIBUTION ABUNDANCE REPRODUCTIVE ECOLOGY OF AN	ESTUARIES (INC. PHYSIOLOGY AND TAXONOMY OF ESTUA	7
S ESPECIALLY ESTUARIES (INC. PHYSIOLOGY AND TAXONOMY OF	ESTUARINE ACOEL SAND BEACH HETEROAUNA ECOSYSTEM	149
ESTUARINE RESEARCH ALGAL COMMUNITIES IN LAKES LIMNOLOGY	ESTUARINE ANIMALS) SURVEY OF THE SOLENT SURVEY O	7
P BETWEEN TROPIC LEVELS IN THE SEA ESTUARINE MANAGEMENT	ESTUARINE ECOLOGY WATER RESOURCE MANAGEMENT OKA	146
S AND THE RELATIONSHIP BETWEEN TROPIC LEVELS IN THE SEA	ESTUARINE MANAGEMENT AQUACULTURE BIOLOGICAL OCE	110
URCE MANAGEMENT OKANAGAN WATER RESOURCE MANAGEMENT STUDY	ESTUARINE MANAGEMENT ESTUARINE MANAGEMENT AQUAC	110
E ANIMALS) SURVEY OF THE SOLENT SURVEY OF THE BLACKWATER	ESTUARINE RESEARCH ALGAL COMMUNITIES IN LAKES LIM	146
MARIANA ISLANDS HERPETOFAUNA OF GUAM ETHNOBOTANY OF IAP	ESTUARY ECOLOGY OF LAGOON "THE SWANPOOL" ECOLOG	7
CPA OF THE NORTHERN MARIANA ISLANDS HERPETOFAUNA OF GUAM	ETHNOBOTANY OF MICRONESIA FLORA OF THE NORTHERN	44
OF INSECT PESTS AND WEEDS SUPERVISING C.I.B.C. STAFF IN	ETHNOBOTANY OF IAP ETHNOBIOLOGY OF MICRONESIA P	48
DIAN SPECIES OF SUSANA DIORCTRIA IN GALL RUST SPREAD OF	EUROPE TRINIDAD INDIA PAKISTAN MALAYA AND W	140
D ANIMALS IN ASPEN COMMUNITY REPRODUCTION AND ECOLOGY OF	EUROPEAN SPRUCE SAWFLY SYSTEMATICS OF INSECTS W	165
L CIRCULATION OF LAKES ARTIFICIAL CIRCULATION OF A SMALL	EUTAMIAS ECOLOGY OF VERTEBRATES (PRIMARILY MAMM	157
HRPMAGOG PROJECT ALGAL POPULATION CYCLES -	EUTROPHIC LAKE PRIMARY PRODUCTION OF SALINE LAKE	59
URE EUTROPHICATION OF WATERS ENERGY FLOW IN HUMIC LAKES	EUTROPHICATION CCIBP CHAR LAKE PROJECT LAKE WEMP	72
INKI CITY SPA AREA DEVELOPMENT OF ALGAL ASSAY PROCEDURE	EUTROPHICATION OF HELSINKI CITY SPA AREA DEVELOP	84
SALINE LAKES TROPIC STATUS OF SOME NEW HAMPSHIRE LAKES	EUTROPHICATION OF WATERS ENERGY FLOW IN HOMIC L	84
LACK-CAPPED CHICKADEES GEOGRAPHIC VARIATION OF ANIMALS;	EUTROPHICATION PHYTOPLANKTON ECOLOGY PRIMARY P	59
OGRAPIIC VARIATION OF ANIMALS; EVOLUTION AND SYSTEMATICS	EVOLUTION AND SYSTEMATICS EVOLUTION OF ORIOLES P	123
SYSTEMATICS EVOLUTION OF ORIOLES GEOGRAPHIC VARIATION AND	EVOLUTION OF ORIOLES GEOGRAPHIC VARIATION AND EV	123
LOGY DERMAPTERA NUMERICAL TAXONOMY FOREST ENTOMOLOGY	EVOLUTION OF SAVANNAH SPARROWS SEASONAL VARIATIO	123
AL STUDIES ELATERIDAE SYSTEMATICS OF INSECTA LEADING TO	EVOLUTIONARY BIOLOGY OF DERMAPTERA JOINT ACTION	129
CT PEST SURVEY PEST NEW BRITAIN CACAO WEEVIL SYSTEMATIC	EVOLUTIONARY AND BIOGEOGRAPHICAL STUDIES OIL PAL	144
P. LAND CONSERVATION ACT EFFECTIVENESS SAC. CO. PLANNING	EVOLUTIONARY BIOGEOGRAPHICAL STUDIES ELATERIDAE	144
ANES ECOLOGICAL STUDIES ON THE JAPANESE CRANE BIOLOGICAL	EXECUTIVE EFFECTIVENESS GEOGRAPHIC DATA HANDLING	71
ON EMPLOYED BY PENNSYLVANIA GAME COMMISSION NO RESEARCH	EXPEDITION OF NEPAL HIMALAYA LIFE HISTORY AND P	62
OMOLOGY IN CHARGE OF ENTOMOLOGY RESEARCH LAB. ENTOMOLOGY	EXPERIENCES BACHELORS'S DEGREE IN WILDLIFE BIOL	74
RE WATERS OF ATLANTIC CANADA PHYTOPLANKTON PRODUCTION AND	EXPERT HUNGARY NON-CHEMICAL METHODS OF INSECT C	18
ERMS OF SUBARCTIC PLANTS PHYSIOLOGICAL PLANT ECOLOGY IN	EXTRA-CELLULAR RELEASE PHYTOPLANKTON PRODUCTION	22
OF INSECT SENSE ORGANS ULTRASTRUCTURE OF SENSE ORGANS CN	EXTREME ENVIRONMENTS THE ECOLOGY OF LARREA DIVAR	100
OPULATION STUDIES MOUNTAIN LION HABITAT ANALYSIS PRAIRIE	FACEPLY ELECTRON MICROSCOPY	65
DY AQUATIC PRODUCTIVITY PHYTOPLANKTON ECOLOGY CHURCHILL	FALCON SURVEY WILDLIFE MANAGEMENT CENSUSING WIL	106
NIC AND METALLIC SALTS UPON AQUATIC AND MARINE MICROBES;	FALLS LABRADOR ENVIRONMENTAL STUDY BOUNDARY DAM	103
DORS IN MAN AND ANIMALS WITH IMPAIRED HEPATIC METABOLISM	FATE AND BEHAVIOR OF CHLORINATED HYDROCARBONS IN	2
AND ENERGY BUDGETS OF MARINE BENTHIC SUSPENSION FEEDERS	FATE AND BEHAVIOR OF PESTICIDES IN NATURAL WATER	101
FEEDING AND ENERGY BUDGETS OF MARINE BENTHIC SUSPENSIO	FAUNAL SURVEY OF PACIFIC SUBMARINE CAVES DEEP SO	121
JAMAICA REEPS BIOLOGY ECOLOGY OF JAMAICAN DEMOSPONGIAE	FEEDERS FAUNAL SURVEY OF PACIFIC SUBMARINE CAVES	121
FOR HACKERZIE VALLEY GAS PIPELINE PROJECT POST-DOCTORAL	FEEDING AND ENERGY BUDGETS OF MARINE BENTHIC SOS	121
NTRODUCED UNGLATES HERBST RANCB CALIFORNIA ECOLOGY OF	FELLOW - WHITE-TAILED DEEP RESEARCH LECTURER SMA	77
REMOVAL EFFECTS OR SENESCENCE OF YEAST IN RELATION TO	PERAL HOGS DYE CREEK RANCB CALIFORNIA WILDLIFE	8
TY IN FOREST SOILS NITROGEN IN SOIL WATER CHRISTMAS TREE	PERMENTATION PROCESSES GROWTH ANALYSIS OF YEAST	99
GY CAPE HORN ISLANDS AQUATIC ECOLOGY (ANIMAL) OF WATERS	PERTILIZATION AND PROTECTION LARGE SCALE AERIAL	125
AND THEIR EFFECTS ON ENERGY FLOWS IN AQUATIC ECOSYSTEMS	PERTILIZED BY HUMAN WASTES ECOLOGY OF PERCH OF L	16
. MILL CLOSURE ON ONTARIAN WOOD PRODUCERS EFFECT OF BREA	PERTILIZER EFFECT ON PRODUCTIVITY IN LAKE ST. CL	159
MICROBIOLOGY OF FOREST SOIL SLOW RELEASE	PERTILIZER ON BLACK SPRUCE REGEN. ANATOMY OF TR	111
L CLIMATE CONSTRAINT TROPICAL AGRONOMY AND SOIL SCIENCE	PERTILIZER STUDY	131
AL AND DEVELOPMENT OF CISCO SURVIVAL OF WALLEYES ON WOOD	PERTILIZER USE ECONOMICS ALL CLIMATIC ZONES AG S	158
VAL AND DEVELOPMENT OF CISCO SURVIVAL OF WALLEYE ON WOOD	FIBER SLUDGE DEPOSITS RESPONSE OF FISH AND FISH	28
CTRIC FIELD MODELING IN THE OCEAN ULTRASTRUCTURE AND ITS	FIBER SLUDGE DEPOSITS RESPONSE OF FISH AND FISH	29
C FIELDS ELECTRO SENSITIVITY OF SALMON AND BELS ELECTRIC	FIELD EFFECTS ENERGY RELATIONSHIPS IN BIOLOGY O	127
ING MORTALITY IN ALEWIVES IN LAKE ONTARIO CHANGES IN THE	FIELD MODELING IN THE OCEAN ULTRASTRUCTURE AND I	127
NUCINATION SOCIAL STIMULI AND NEST BUILDING IN THE ZEBRA	FINAL PREFERENCE OF YELLOW PERCH WITH AGE MINIM	91
	PINCH EFFECTS OF AGONISTIC DISPLAYS IN BARBUS ST	41

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

	AUTECOLOGY OF FISH	51
PHYSIOLOGY OF ATLANTIC SALMON SMOLTS ACTIVITY STUDIES OF	FISH ENVIRONMENTAL PHYSIOLOGY OF FISH - ENERGET	78
IA & SEA GRANT COMMERCIAL FISHERIES - FOOD OF COMMERCIAL	FISH FISHERIES MANAGEMENT BOTH ECONOMIC AND BIO	36
QUALITY OF DRY FISH PROXIMATE COMPOSITION STUDIES IN DRY	FISH STUDIES IN FISHERIES FOOD TECHNOLOGY BECHE	128
TS ACTIVITY STUDIES OF FISH ENVIRONMENTAL PHYSIOLOGY OF	FISH - ENERGETICS ANAEROBIOSIS AND BEHAVIOR BIO	78
L OF WALLEYES ON WOOD FIBER SLODGE DEPOSITS RESPONSE OF	FISH AND FISH COMMUNITIES TO ENVIRONMENTAL STRES	28
OF WALLEYE ON WOOD FIBER SLODGE DEPOSITS RESPONSE OF	FISH AND FISH COMMUNITIES TO ENVIRONMENTAL STRES	29
RYAL CULTURE OF SHRIMP BIOLOGY AND POPULATION DYNAMICS	FISH AND INVERTEBRATES BIOLOGY AND POPULATION DY	67
	FISH AND WILDLIFE MANAGEMENT	145
HONDURAS SIGANID CULTURE TECHNIQUES IN THE SO. PACIFIC	FISH BEHAVIOR AND TAXONOMY ARE THE FIELDS OF GRE	58
EYES ON WOOD FIBER SLODGE DEPOSITS RESPONSE OF FISH AND	FISH COMMUNITIES TO ENVIRONMENTAL STRESS RESPON	28
LEYE ON WOOD FIBER SLODGE DEPOSITS RESPONSE OF FISH AND	FISH COMMUNITIES TO ENVIRONMENTAL STRESS RESPON	29
HERMAL RELATIONS OF FISH. TEMPERATURE SELECTION OF FISH	FISH CULTURE FACTORS CAUSING MORTALITY IN ALEWIC	91
ETHOD OF MILKFISH CULTURE	FISH IN BRACKISH AND FRESHWATER PONDS IMPROVED M	23
OLLUTION RESEARCH PHYSIOLOGICAL ASPECTS OF MATURATION IN	FISH INTERDISCIPLINARY ANALYSIS OF POLLUTION EFF	79
ONAL AND ECON. PARAMETER OF A STREAM FISHERY ANALYSIS OF	FISH INTRODUCTIONS IN SASKATCHEWAN LAKE INVENTO	88
E ERIE	FISH POPULATIONS FISH POPULATIONS OF WESTERN LAK	108
	FISH POPULATIONS OF WESTERN LAKE ERIE	108
NOLOGY BECHE-DE-MER CONSULTANT IMPROVING QUALITY OF DRY	FISH PROXIMATE COMPOSITION STUDIES IN DRY FISH	128
N AND PRODUCTION ECOLOGY OF AQUATIC ORGANISMS PRIMARILY	FISH SURVEY OF ZOOPLANKTON CEBO COASTAL WATERS	95
HES THERMAL RELATIONS OF FISH. TEMPERATURE SELECTION OF	FISH VISH CULTURE FACTORS CAUSING MORTALITY IN	91
CAUSED BY DEAD ALEWIVES ON BEACHES THERMAL RELATIONS OF	FISH. TEMPERATURE SELECTION OF FISH FISH CULTUR	91
AL ZONE MANAGEMENT FOR CALIFORNIA & SEA GRANT COMMERCIAL	FISHERIES - FOOD OF COMMERCIAL FISH FISHERIES M	36
PLANNING PROPOSAL TO QUEBEC WILDLIFE SERVICE FRESHWATER	FISHERIES AND WILDLIFE MANAGEMENT MASTER IN PUB	154
ISHERY POPULATION PARAMETERS AND COMMUNITY RELATIONSHIPS	FISHERIES BIOLOGIST AQUATIC BIOLOGIST	21
	FISHERIES BIOLOGIST FISHERIES LIMNOLOGIST	90
S BIOLOGIST FISHERIES LIMNOLOGIST	FISHERIES BIOLOGIST STATE LIMNOLOGIST - FISHERIE	90
ISHERIES STOCKS IN N.W.T. LAKES ASSESSMENT OF LAKES FOR	FISHERIES DEVELOPMENT AND MANAGEMENT ASSESSMENT	143
ARCTIC REGIONS SPORT FISHERY IMPACT ON GREAT LAKES NWT	FISHERIES DEVELOPMENT TASK FORCE FISHERIES RESO	126
SH PROXIMATE COMPOSITION STUDIES IN DRY FISH STUDIES IN	FISHERIES FOOD TECHNOLOGY BECHE-DE-MER CONSULTAN	128
HERIES BIOLOGIST STATE LIMNOLOGIST - FISHERIES BIOLOGIST	FISHERIES LIMNOLOGIST	90
ODIES LAKE WINNIPEGOSIS FRESHWATER COMMERCIAL AND SPORT	FISHERIES MANAGEMENT AND ADMINISTRATION DEVELOP	66
EA GRANT COMMERCIAL FISHERIES - FOOD OF COMMERCIAL FISH	FISHERIES MANAGEMENT BOTH ECONOMIC AND BIOLOGICA	36
FISH FISHERIES MANAGEMENT BOTH ECONOMIC AND BIOLOGICAL	FISHERIES MANAGEMENT CONSULTANT - SARDINES COAST	36
CT ON GREAT LAKES, NWT FISHERIES DEVELOPMENT TASK FORCE	FISHERIES RESOURCE ASSESSMENT ALLOCATION AND MA	126
S FOR FISHERIES DEVELOPMENT AND MANAGEMENT ASSESSMENT OF	FISHERIES STOCKS IN N.W.T. LAKES ASSESSMENT OF	143
TICES BIOL. RECREATIONAL AND ECON. PARAMETER OF A STREAM	FISHERY ANALYSIS OF FISH INTRODUCTIONS IN SASKAT	88
W IN MARINE BENTRIC COMMUNITIES YIELD PREDICTION OF CRAB	FISHERY ENERGY FLOW IN KELP COMMUNITY ENERGETICS	96
ND MANAGEMENT AQUATIC ASSESSMENT OF ARCTIC REGIONS SPORT	FISHERY IMPACT ON GREAT LAKES NWT FISHERIES DEV	126
AND WATER CLASSIFICATION EVALUATION OF STREAM AND LAKE	FISHERY MANAGEMENT PRACTICES BIOL. RECREATIONAL	88
TIONSHIPS FISHERIES BIOLOGIST AQUATIC BIOLOGIST	FISHERY POPULATION PARAMETERS AND COMMUNITY RELA	21
MON EVALUATION OF EFFLUENT TREATMENTS FOR PROTECTION OF	FISHERY RESOURCES DETOXIFICATION OF KRAFT MILL	136
PHOLOGY AND CYTOLOGY OF THE PANCREAS OF SOME TELEOSTEAN	FISHES HISTO-MORPHOLOGY & HISTO-CHEMISTRY OF TH	33
RGETICS ANAEROBIOSIS AND BEHAVIOR BIOLOGY OF VAIGAI DAM	FISHES ENVIRONMENTAL PHYSIOLOGY OF ATLANTIC SALM	78
ITE ON BOW RIVER ECOLOGY AND LIFE HISTORY OF FRESHWATER	FISHES LIFE HISTORY OF PROSODIUM WILLIAMSONI IN	148
E HISTO-CHEMISTRY OF THE DIGESTIVE ORGANS OF TELEOSTEAN	FISHES STUDIES ON THE DIGESTIVE SYSTEM OF A CHACA	33
AND BIOLOGY OF SOLDIER FLY BIOLOGICAL CONTROL OF SOLDIER	FLIES DISPERSION MATING BEHAVIOR PHEROMONES MA	102
Y OF PLANTS PHYSIOLOGY OF PLANT HORMONES & PHYTOCHROME	FLOODING & WATERLOGGING EFFECTS OF FLOODING ON G	120
DE GROSS POPULATION STUDY ENVIRONMENTAL CONSEQUENCES OF	FLOODING A RESERVOIR SITE WILDLIFE - HABITAT RE	132
HORMONES & PHYTOCHROME FLOODING & WATERLOGGING EFFECTS OF	FLOODING ON GROWTH & PHYSIOLOGY OF PLANTS PHYSI	120
A OF GUAM ETHNOBOTANY OF YAP ETHNOBIOLOGY OF MICRONESIA	FLORA OF THE NORTHERN MARIANA ISLANDS HERPETOFAU	44
METAL STUDIES IN PLANTS AND SOILS CYTOLOGICAL STUDIES OF	GLOBAL BIODIVERSITY PLANT PHYSIOLOGY AND SOIL STOD	32
	FLOW AND ARCTIC LIMNOLOGY CCIPB CHAR LAKE PROJEC	162
ON OR LUMBRIONS TERRESTRIIS SOIL AS IT RELATES TO ENERGY	FLOW AND POPULATION DYNAMICS OF SOIL ANIMALS EN	98
F ALGAL ASSAY PROCEDURE EUTROPHICATION OF WATERS ENERGY	FLOW IN HUMIC LAKES EUTROPHICATION OF HELSINKI C	84
THIC COMMUNITIES YIELD PREDICTION OF CRAB FISHERY ENERGY	FLOW IN KELP COMMUNITY ENERGETICS OF CTENOPHORE	96
LE COMMUNITY ENERGETICS OF CTENOPHORE POPULATION ENERGY	FLOW IN MARINE BENTHIC COMMUNITIES YIELD PREDICT	96
ERG FLOW AND POPULATION DYNAMICS OF SOIL ANIMALS ENERGY	FLOW IN HITES OF AN ASPEN WOODLAND EFFECT OF RAD	98
EW OF RESOURCE/ENVIRONMENT TRAINING PROGRESS INFORMATICN	FLOW IN NEW YORK CITY'S EPA MODELING ANALYSIS	26
NTATION PROCESSES GROWTH ANALYSIS OF YEAST IN CONTINUOUS	FLOW OF FRESH MEDIUM HORMONAL EFFECTS ON SENESC	99
HORMONE PHYSIOLOGY ESPECIALLY GIBBERELLINS AS RELATED TO	FLOWERING GIBBERELLIN INTERCONVERSIONS IN HIGHER	114
BERELLIN INTERCONVERSIONS IN HIGHER PLANTS PHYSIOLOGY OF	FLOWERING IN CONIFERS PHYSIOLOGY OF GIBBERELLIN-	114
EFFECTS ON METABOLISM OF ALGAE AND THEIR EFFECTS ON ENERGY	FLUXES IN AQUATIC ECOSYSTEMS FERTILIZER EFFECT ON	159
WITH U.L.V. ECOLOGIC SIGNIFICANCE AND BIOLOGY OF SOLDIER	FLY BIOLOGICAL CONTROL OF SOLDIER FLIES DISPERSI	102
AL AIRPORT AREA ECOLOGY BIRDS AIRPORT MONTREAL MIGRATION	FLYWAY OF SHORE BIRDS EASTERN-QUEBEC NORTH AMERI	31
COND EFFECTS OF HEAVY METAL CONTAMINATION ON MACROFAUNA	FMC OF CANADA LTD ENVIRONMENTAL STUDY BIOLOGICAL	46
G SANITATION CONSULTATION TO HOSPITALS FOOD PROCESSING	FOOD HANDLING INDUSTRIES MASTITIS CONTROL IMMUNO	40
MENT FOR CALIFORNIA & SEA GRANT COMMERCIAL FISHERIES -	FOOD OF COMMERCIAL FISH FISHERIES MANAGEMENT BO	36
LLY AS RELATED TO HOSPITAL AND INDUSTRIAL SANITATION AND	FOOD PROCESSING SANITATION CONSULTATION TO HOSPI	40
ND FOOD PROCESSING SANITATION CONSULTATION TO HOSPITALS	FOOD PROCESSING FOOD HANDLING INDUSTRIES MASTIT	40
TE COMPOSITION STUDIES IN DRY FISH STUDIES IN FISHERIES	FOOD TECHNOLOGY BECHE-DE-MER CONSULTANT IMPROVIN	128
PHYTOPLANKTON TAXONOMY AND ECOLOGY ROLE OF TIMOTHY IN	FOOD WEBS UNIDENTIFIED MICROORGANISMS IN THE DEE	69
EDING PERENNIAL FORAGE SPECIES DEVELOPMENT OF HYBRIDS IN	FORAGE CROPS EVALUATION OF BREEDING FOR CROP QUA	25
FORMENT OF COMMERCIAL PLANT BREEDING BREEDING PERENNIAL	FORAGE SPECIES DEVELOPMENT OF HYBRIDS IN FORAGE	25
RY IMPACT ON GREAT LAKES NWT FISHERIES DEVELOPMENT TASK	FORCE FISHERIES RESOURCE ASSESSMENT ALLOCATION	126
AND PROTECTION LARGE SCALE AERIAL APPLICATION OF UREA TO	FOREST NITROGEN TRANSFORMATION MOBILITY AND A	125
REST ECOLOGY EFFECT OF CHANGING WATER TABLE ON HARDWOOD	FOREST ASBESTOS TAILINGS AND POLLUTION OF MAPLE	116
ON OPEXPOSED BANKS ALONG 360 MILES OF NORTHERN RAILROAD	FOREST ECOLOGY EFFECT OF CHANGING WATER TABLE ON	116
TION INSECT TOXICOLOGY DERMAPTERA NUMERICAL TAXONOMY	FOREST ENTOMOLOGY EVOLUTIONAL BIOLOGY OF DERMAPT	129
FERTILIZER ON BLACK SPRUCE REGEN. ANATOMY OF TREES AND	FOREST MANAGEMENT ASSESSMENT OF YELLOW BIRCH REG	11
D TAXONOMY OF WEB-SPINNING SAWFLIES SURVEY OF INSECTS IN	FOREST NURSRIES INSECT TAXONOMY AND BIOMONIC	42
	FOREST SOIL SLOW RELEASE FERTILIZER STODY	131
	FOREST SOILS NITROGEN IN SOIL WATER CHRISTMAS TR	125
NITROGEN TRANSFORMATION MOBILITY AND AVAILABILITY IN	FORESTS ECOLOGY PRODUCTI	104
VITY AND DYNAMICS OF TERRESTRIAL ECOSYSTEMS PARTICULARLY	FORESTS NEW MONTREAL INTERNATIONAL AIRPORT AREA	31
AMERICA BREEDING BIRD SURVEY BIRD POPULATION STUDIES IN		

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

Y OF BIRDS OF LA MAURICIE NATIONAL PARK QUEBEC BIRDS OF	37
Y OF SENSORY DEVELOPMENT AND LEARNING PROCESSES IN ADULT	17
TY AND SPECIES DIVERSITY SILURIAN ECHINOID TRACES ALGAL	124
ENGINEERING SOIL SURVEY AND LAND CAPABILITY CODROY NEW	133
FROM GRAZING AND INTENSIVE SYSTEMS GENETIC EVALUATION OF	63
PROCESSES GROWTH ANALYSIS OF YEAST IN CONTINUOUS FLOW OF	99
L REGULATION PICKEREL TAGGING STUDIES LAKE WINNIPEGOSIS	66
RESTORATION PLANNING PROPOSAL TO QUEBEC WILDLIFE SERVICE	154
RESERVOIR SITE ON BOW RIVER ECOLOGY AND LIFE HISTORY OF	148
TURE CULTURE OF FISH IN BRACKISH AND	23
LAND AND NATURAL RESOURCES STUDY OF DOAM DOVES STUDY OF	112
E TO SAWFLIES A CANADIAN SPECIES OF SUSANA DIORICTRIA IN	165
DEGREE IN WILDLIFE BIOLOGY NOW EMPLOYED BY PENNSYLVANIA	74
ALPES CAPERCAILLIE IN ALPES GAME RESEARCH AND	76
RESEARCH LECTURE SMALL MAMMAL POPULATION RESEARCH BIG	77
CANDINAVIA BEAR IN ALPES CAPERCAILLIE IN ALPES	76
ATE STUDENTS IN WILDLIFE ECOLOGY ECOLOGY OF EAST AFRICAN	50
P ALBERTA CANADA DESERT CREEP CONTROL IN NORTHERN SUDAN	73
VARIATA IN THE DESERTS OF THE S.W. D.S. ECOLOGY AND CO2	100
ENT CONSERVATION WILDLIFE RESEARCH FOR MACKENZIE VALLEY	77
LAND CAPABILITY, CLINTON, BRITISH COLUMBIA, CANADA SOIL	133
ASSPICATION OF WATERTON LAKES NATIONAL PARK SOIL	27
NANTS BEEF PRODUCTION FROM GRAZING AND INTENSIVE SYSTEMS	63
ION OF CATTLE TO ISRAELI CONDITIONS ANIMAL BREEDING AND	63
EFFECTIVENESS SAC. CO. PLANNING EXECUTIVE EFFECTIVENESS	71
ANIMALS; EVOLUTION AND SYSTEMATICS EVOLUTION OF ORIOLES	123
ONAL VARIATION IN METABOLISM OF BLACK-CAPPED CHICKADEFS	123
WARY & ECOLOGICAL INVESTIGATIONS - OGLIVIE MTS., YUKON	122
GYSSOILEPLANT ASSOC. AND LAND MGT. RELATIONSHIPS SURFACE	139
CATIONS OF TIMBERRANGE-WILDLIFE CLASS SYSTEMS ANALYSIS;	139
IONSHIPS SURFACE GEOLOGY SOIL RELATIONS IN COASTAL PLAIN	139
PHYSIOLOGICAL ECOLOGY AND VERTEBRATE ECOLOGY NORTHERN	130
ED DEVELOPMENT AND THE EFFECT OF THE ENVIRONMENT ON SEED	166
NT BIOCHEMICAL ECOLOGY OF LOWER PLANTS SEED DORMANCY AND	12
YSIOLOGY ESPECIALLY GIBBERELLINS AS RELATED TO FLOWERING	114
PLANTS PHYTOLOGY OF BLOOMING IN CONTEMPERS PHYTOLOGY OF	114
MEDIATED PROCESSES PLANT HORMONE PHYSIOLOGY ESPECIALLY	114
ILDLIFE ECOLOGY ECOLOGY OF EAST AFRICAN GAME ESPECIALLY	50
ADAPTATION OF AFRICAN MAMMALS TO ENVIRONMENT; PARTICULARLY	50
PLANT ANATOMY PLANT ULTBASTRUCTURE (1) REGENERATION IN	68
IF FALCON SURVEY WILDLIFE MANAGEMENT CENSUSING WILDLIFE	106
T; PARTICULARLY GIRAPPE; ALSO INSULAR PROBLEMS DIRECTING	50
INSECT PESTS WITH DOW INSECTICIDES CONTROL OF PERRENIAL	1
LK AND MEAT PRODUCTION OF RUMINANTS BEEF PRODUCTION FROM	63
TIC ASSESSMENT OF ARCTIC REGIONS SPORT FISHERY IMPACT ON	126
AQUATIC ENTOMOLOGY LIMNOLOGY AND WATER POLLUTION ARE NY	160
Q. PACIFIC FISH BEHAVIOR AND TAXONOMY ARE THE FIELDS OF	58
TON PHYTOLOGY OF ZOOPLANKTON VICTORIA MARINE MONITORING	86
A PRELIMINARY SURVEY OF THE PLANT COMMUNITIES OF LITTLE	70
MAMALS ESPECIALLY CARNIVORES ECOLOGY OF NORTHERN INTERIOR	111
RESEARCH ON SUBSURFACE WASTE DISPOSAL AND SOIL MOISTURE;	81
ENT IN SATURATED POROUS MEDIA SUBSURFACE WASTE DISPOSAL	81
AND SOIL MOISTURE; GROUND WATER-STREAMFLOW INTERACTIONS	81
LATION PROCESSES BLACK-TAIL DEER WINTER RANGE STUDY BLUE	132
OD FOREST ASBESTOS TAILINGS AND POLLUTION OF MAPLE SUGAR	116
TOCHROME FLOODING & WATERLOGGING EFFECTS OF FLOODING ON	120
SENESCENCE OF YEAST IN RELATION TO FERMENTATION PROCESSES	99
N SYNTHESIS PLANT BIOCHEMISTRY PLANT PHYSIOLOGY PLANT	12
ELI CONDITIONS ANIMAL BREEDING AND GENETICS ESPECIALLY	63
RELATION TO LIGHT QUALITY THE EFFECT OF TRACE METALS ON	159
AL ADMINISTRATION OF LAND AND NATURAL RESOURCES STUDY OF	112
IA FLORA OF THE NORTHERN MARIANA ISLANDS HERPETOFAUNA OF	44
SYSTEMS FOR THE TROPICS ECOLOGICAL RECONNAISSANCE OF THE	150
PIGS BARPRESSING IN GUINEA PIGS AND BATS BAIT-SHYNESS IN	17
MINATION LEARNING IN RATS AND GUINEA PIGS BARPRESSING IN	17
CESSSES IN ADULT FORMS DISCRIMINATION LEARNING IN RATS AND	17
F ZOOPLANKTON CEBU COASTAL WATERS POPULATION CHANGES IN	95
LICHEN SYNOSTA IN HEALTH COMMUNITIES LICHEN COLLECTION OF	118
HDR IN MINEROLOGY AND ROCKS INTERCHANGE REACTION RATE OF	49
40 BOREAL ORBITOLOGY & MANHOLOGY REPORT ON BIRDS LAKE AT	64
ANALYSIS OF MAMMAL BEHAVIORAL- ECOLOGY IN RELATION TO	34
G WILDLIFE GOLDEN EAGLE POPULATION STUDIES MOUNTAIN LION	106
DEO DEVELOPMENT ON WILDLIFE RELATIONSHIP OF WILDLIFE TO	107
AST ALASKA LARGE MAMMAL ECOLOGY - POPULATION DYNAMICS -	8
AL CONSEQUENCES OF FLOODING A RESERVOIR SITE WILDLIFE -	132
ATION SUBALPINE SMALL MAMMAL ECOLOGY IN WASHINGTON STATE	94
R IN 2 SPECIES OF ALBERTA CRIPPHONS MAMMALIAN ECOLOGY -	94
L IN MEDICAL ENTOMOLOGY & AVIAN BLOOD PARASITOLOGY AVIAN	80
RY PRODUCTION OF SALINE LAKES THERMIC STATUS OF SOME NEW	59
FACTS ASSOCIATED WITH WATER RESOURCE DEVELOPMENT WILLAPA	93
LRoad FOREST ECOLOGY EFFECT OF CHARGING WATER TABLE ON	116
A RIVER DELTA PROJECT HORMONES AND SEASONAL COLOR CHANGE	64
EFFECTS ON BIRD ACTIVITY MIGRATORY BIRDS AS AIR TRAFFIC	152
STATION AREAS CONTROL OF INSECTS OF IMPORTANCE TO PUBLIC	1
- HABITAT RELATIONSHIPS ECOLOGY OF INTRODUCED ONGULATS	8
FORILLON NATIONAL PARK QUEBEC POPULATION ECOLO	37
FORMS DISCRIMINATION LEARNING IN RATS AND GUINEA	17
POOLING ON ACRYLIC PLATES INFLUENCE OF SUBSTRAT	124
POORLAND CANADA SOIL SURVEY FOR HIGHWAY CONSTR	133
FRENCH CATTLE IN ENGLAND ADAPTATION OF CATTLE TO	63
FRESH MEDIUM NOBONAL EFFECTS ON SENESCENCE OF	99
FRESHWATER COMMERCIAL AND SPORT FISHERIES MANAGE	66
FRESHWATER FISHERIES AND WILDLIFE MANAGEMENT MA	154
FRESHWATER FISHES LIFE HISTORY OF PROSODIUM WILL	148
FRESHWATER PONDS IMPROVED METHOD OF MILKPIER COL	23
FRUIT BATS COMPILATION OF NEEDED LAND USE LEGISL	112
GALL RUST SPREAD OF EUROPEAN SPBCE SAWFLY SYST	165
GAME COMMISSION NO RESEARCH EXPERIENCES BACREL	74
GAME MANAGEMENT WOLVERINE IN SCANDINAVIA BEAR IN	76
GAME POPULATIONS RESEARCH AND MANAGEMENT CONSER	77
GAME RESEARCH AND GAME MANAGEMENT WOLVERINE IN S	76
GAME ESPECIALLY GIRAPPE DANGER OF EAGLES TO AIR	50
GARDUD HARD SOIL RECLAMATION IN WEST SUDAN SOIL	73
GAS EXCHANGE OF ARCTIC MOSSES ECOLOGY AND PHOTOS	100
GAS PIPELINE PROJECT POST-DOCTORAL FELLOW - WRIT	77
GENESIS AND CLASSIFICATION SOIL SURVEY LAND US	133
GENESIS CLASSIFICATION SURVEY SOIL AND LAND CL	27
GENETIC EVALUATION OF FRENCH CATTLE IN ENGLAND A	63
GENETICS ESPECIALLY GROWTH AND MILK AND MEAT PR	63
GEOGRAPHIC DATA HANDLING & MAPPING LARD DEVELOP	71
GEOGRAPHIC VARIATION AND EVOLUTION OF SAVANNAH S	123
GEOGRAPHIC VARIATION OF ANIMALS; EVOLUTION AND S	123
GEOLOGY OF LANDFORMS AND SURFICIAL DEPOSITS AND	122
GEOLOGY SOIL RELATIONS IN COASTAL PLAIN GEOLOGY-	139
GEOLOGY&SOILEPLANT ASSOC. AND LAND MGT. RELATION	139
GEOLOGY- SOIL-BIOTIC RELATIONSHIPS PLANT INDICAT	139
GEORGIA LIMITS OF MERRIAN K RAT IN PECOS RIVER	130
GERMINATION AND EARLY SEEDLING DEVELOPMENT OF TR	166
GERMINATION ROLE OF INITIATION FACTORS IN PROTEI	12
GIBBERELLIN INTERCONVERSIONS IN HIGHER PLANTS PR	114
GIBBERELLIN-MEDIATED PROCESSES PLANT HORMONE PH	114
GIBBERELLINS AS RELATED TO FLOWERING GIBBERELLIN	114
GIRAPPE DANGER OF EAGLES TO AIRCRAFT AT AIRPORTS	50
GIRAPPE; ALSO INSULAR PROBLEMS DIRECTING GRADUAT	50
GLOEAL APICES CYTOLOGICAL CHGS FOLLOWING BISCTI	68
GOLDEN EAGLE POPULATION STUDIES MOUNTAIN LION RA	106
GRADUATE STUDENTS IN WILDLIFE ECOLOGY ECOLOGY OF	50
GRASSES IN APPRESTATION AREAS CONTROL OF INSECT	1
GRAZING AND INTENSIVE SYSTEMS GENETIC EVALUATION	63
GREAT LAKES WMT FISHERIES DEVELOPMENT TASK FORC	126
GREATEST COMPETENCE ECOLOGICAL AND AQUATIC INSEC	160
GREATEST COMPETENCE SOME BEHAVIOR DIFFERENCES OF	58
GREENEY HIRE SURVEY PHYSIOLOGY OF MARINE ZOOPLA	86
GRINDSTONE POINT CLASSIFICATION OF PLANT COMMUN	70
GRIZZLY BEAR ECOLOGY OF LARGE MA	111
GROUNDF WATER-STREAMFLOW INTERACTIONS GROUNDWATER	81
GROUNDWATER; RESEARCH ON SUBSURFACE WASTE DISPOS	81
GROUNDWATER-PRACTURED CRYST. ROCKS-RESEARCH BASIN	81
GROUSE POPULATION STUDY ENVIRONMENTAL CONSEQUEN	132
GROVES STUDY OF REVEGETATION OPEXPOSED BANKS AL	116
GROWTH & PHYSIOLOGY OF PLANTS PHYSIOLOGY OF PLA	120
GROWTH ANALYSIS OF YEAST IN CONTINUOUS FLOW OF P	99
GROWTH AND DEVELOPMENT BIOCHEMICAL ECOLOGY OF LO	12
GROWTH AND MILK AND MEAT PRODUCTION OF RUMINANTS	63
GROWTH AND PHOTOSYNTHESIS OF ALGAE LIGHT EFFECT	159
GUAM DOVES STUDY OF FRUIT BATS COMPILATION OF NE	112
GUAM ETNOBOTANY OF IAP ETNOBIOLOGY OF MICRONE	44
GUATEBE HYDROELECTRIC POWER PROJECT POLITICA DE	150
GUINEA PIGS THE STUDY OF SENSORY DEVELOPMENT AM	17
GUINEA PIGS AND BATS BAIT-SHYNESS IN GUINEA PIGS	17
GUINEA PIGS BARPRESSING IN GUINEA PIGS AND RATS	17
GUPIPES LARDG CREEK CEBU REVIEW ECOLOGICAL ST	95
R.E. WILSON RELATIONS BETWEEN LICHENS AND HIGRE	118
R+ ON 2:1 CLAYS RESEARCH IN CLAY MINERALOGY SO	49
RABASCA REGION FOR PEACE ATHABASIA RIVER DELTA P	64
HABITAT	34
HABITAT ANALYSIS PRAIRIE FALCON SURVEY WILDLIFE	106
HABITAT AND RESPONSE TO MAN-MADE CHANGE EFFECT O	107
HABITAT RELATIONSHIPS ECOLOGY OF INTRODUCED ONGU	8
HABITAT RELATIONSHIPS BEHAVIOR AND POPULATION P	132
HABITAT SELECTION IN 2 SPECIES OF ALBERTA CRIPHO	94
HABITAT UTILIZATION SUBALPINE SMALL MAMMAL ECOLO	94
HABMATOZOA AS ENVIRONMENTAL QUALITY CRITERIA BIO	80
HAMPSHIRE LAKES EUTROPHICATION PHYTOPLANKTON E	59
HARBOR NAVIGATION ENVIRONMENTAL STATEMENT MUD NO	93
HARDWOOD FOREST ASBESTOS TAILINGS AND POLLUTION	116
HARES & PTARMIGAN ENDOCRINOLOGY PARTICULARLY BE	64
HAZARDS RUNNING WATER ECOLOGY BIRD ECOLOGY CO	152
HEALTH RESEARCH DEVELOPMENT AND MARKETING OF A	1
HEARST RAMCR CALIFORNIA ECOLOGY OF PERAL ROGS	8

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

SDDT TRANSFERS IN ECOSYSTEMS ADAPTATIONS OF PLANTS FOR	HEAT AND MASS TRANSFERS WITH ENVIRONMENT LEAF ST	109
COOLANT ORGANISMS EFFECT OF THERMAL EFFLUENT OF BIOTA	HEATED EFFLUENT AT HIGH LATITUDES INVENTORY OF A	52
OF HIGH R PLANT COMMUNITIES ROLE OF THE LICHEN SYNDRIA IN	HEATH COMMUNITIES LICHEN COLLECTON OF H.E. WILS	118
PRIMORDIA PLANT PHYSIOLOGY AND SOIL STUDIES ESPECIALLY	HEAVY METAL AND OTHER ENVIRONMENTAL POLLUTION IN	32
ASTES ENVIRONMENTAL MONITORING OF TADU SOUND EFFECTS OF	HEAVY METAL CONTAMINATION ON MACROPAUNA FNC OF C	46
UTIOR INTERACTIONS OF ENVIRONMENTAL POLLUTANTS IN PLANTS	HEAVY METAL STUDIES IN PLANTS AND SOILS CYTOLOGY	32
AGONY TOXICITY OF MUNICIPAL SEWAGE OF SALMON TOXICITY OF	HEAVY METALS TO YOUNG SALMON EVALUATION OF PPPL	136
N OF WATERS ENERGY FLOW IN HUMIC LAKES EUTROPHICATION OF	HELSINKI CITY SEA AREA DEVELOPMENT OF ALGAL ASSA	84
P OF PESTICIDE RESIDUES IN MAN AND ANIMALS WITH IMPAIRED	HEPATIC METABOLISM FATE AND BEHAVIOR OF PESTIC	101
OF EUTANIAS ECOLOGY OF VERTEBRATES (PRIMARILY MAMMALS)	HERBICIDES AND ANIMALS IN ASPEN COMMUNITY REPROD	157
LOGY OF MICRONESIA FLORA OF THE NORTHERN MARIARA ISLANDS	HERPETOPAUNA OF GUAM ETHNOBOTANY OF YAP ETHNOBY	44
S EFFECT OF THERMAL EFFLUENT OF BIOTA HEATED EFFLUENT AT	HIGH LATITUDES INVENTORY OF ALBERTA LAKES DISTR	52
COLLECTION OF R.F. WILSON RELATIONS BETWEEN LICHENS AND	HIGHER PLANT COMMUNITIES ROLE OF THE LICHEN SYND	118
AS RELATED TO FLOWERING GIBBERELLIN INTERCONVERSIONS IN	HIGHER PLANTS PHYSIOLOGY OF FLOWERING IN CONIFER	114
APABILITY COADROY NEW POUNDLAND CANADA SOIL SURVEY FOR	HIGHWAY CONSTRUCTION SOIL SURVEY AND LAND CAPABI	133
ANIZING REGIONS UTICA SUNY CAMPUS ECOLOGY & DESIGN 406	HIGHWAY IMPACT STUDY OKWARI COUNTY SYSTEMS ECOL	78
IES ON THE JAPANESE CRANE BIOLOGICAL EXPEDITION OF NEPAL	HIMALAYA LIFE HISTORY AND POPULATION DYNAMICS O	62
P PANCREAS OF SOME TELBOSTEAN FISHES HISTO-MORPHOLOGY &	HISTO-CHEMISTRY OF THE DIGESTIVE ORGANS OF TELEO	33
AND CYTOLOGY OF THE PANCREAS OF SOME TELBOSTEAN FISHES	HISTO-MORPHOLOGY & HISTO-CHEMISTRY OF THE DIGEST	33
ACA STUDIES ON THE DIGESTIVE ORGANS OF OMPOK BIFACULATUS	HISTO-MORPHOLOGY AND CYTOLOGY OF THE PANCREAS OF	33
EFFECT OF THE ENVIRONMENT ON WEED SEEDS ECOLOGICAL LIFE	HISTORIES OF PERSISTENT PERENNIAL WEEDS EPPECT	166
HESE CRANE BIOLOGICAL EXPEDITION OF NEPAL HIMALAYA LIFE	HISTORY AND POPULATION DYNAMICS OF CRANES ECOLOG	62
F PROPOSED RESERVOIR SITE ON BOW RIVER ECOLOGY AND LIFE	HISTORY OF FRESHWATER FISHES LIFE HISTORY OF PRO	148
IVER ECOLOGY AND LIFE HISTORY OF FRESHWATER FISHES LIFE	HISTORY OF PROSODIUM WILLIAMSONI IN THE SHEEP RI	148
CEO REGULATES REARST RANCH CALIFORNIA ECOLOGY OF PERAL	HOGS DYE CRPEK RANCH CALIFORNIA WILDLIFE-LOGGI	8
DISPERSION MATING BEHAVIOR PHEROMONES MASS-REARING OF	HOMOBOSOMA VAGELLA SUPPRESSION OF MACADAMIA INSE	102
SYMPATRIC CICHLIDS TAXONOMY OF THORICHTRYS FROM BRITISH	HONOURAS SIGANID CULTURE TECHNIQUES IN THE SO. P	58
STATEMENT AND MOUNTAIN DAN ENVIRONMENTAL STATEMENT EDIZ	HOOK BEACH EROSION ENVIRONMENTAL STATEMENT PLAN	93
TH ANALYSIS OF YEAST IN CONTINUOUS FLOW OF FRESH MEDIUM	HORMONAL EFFECTS ON SENESCENCE OF YEAST IN RELAT	99
TERS PHYSIOLOGY OF GIBBERELLIN-MEDIATED PRECESSES PLANT	HORMONE PHYSIOLOGY ESPECIALLY GIBBERELLINS AS RE	114
NG ON GROWTH & PHYSIOLOGY OF PLANTS PHYSIOLOGY OF PLANT	HORMONES & PHYTOCHROME FLOODING & WATERLOGGING	120
T TABASCA REGION FOR PEACE ATNABASIA RIVER DELTA PROJECT	HORMONES AND SEASONAL COLOR CHANGE HARES & PTARM	64
L TEMPERATURES ANTARCTIC PENGUINS ARTHROPOD ECOLOGY CAPE	HORN ISLANDS AQUATIC ECOLOGY (ANIMAL) OF WATERS	16
LOGY ENVIRONMENTAL SANITATION ESPECIALLY AS RELATED TO	HOSPITAL AND INDUSTRIAL SANITATION AND FOOD PROC	40
ANIMATION AND FOOD PROCESSING SANITATION CONSULTATION TO	HOSPITALS FOOD PROCESSING FOOD HANDLING INDUST	40
SLANDS AQUATIC ECOLOGY (ANIMAL) OF WATERS FERTILIZED BY	HUMAN WASTES ECOLOGY OF PERCH OF LAC LEMAN INTER	84
ASSAY PROCEDURE EUTROPHICATION OF WATERS ENERGY FLOW IN	HUMIC LAKES EUTROPHICATION OF HELSINKI CITY SEA	16
IN CHARGE OF ENTOMOLOGY RESEARCH LAB. ENTOMOLOGY EXPERT	HUNGARY NON-CHEMICAL METHODS OF INSECT CONTROL	18
EMPT MANAGEMENT ORIENTATED WILDLIFE RESEARCH IMPACT OF	HUNTING ON A POPULATION OF MOOSE EFFECT OF PREDA	87
PEDING BREEDING PERENNIAL FORAGE SPECIES DEVELOPMENT OF	HYBRIDS IN FORAGE CROPS EVALUATION OF BREEDING P	25
ENT ENVIRONMENTAL IMPACT OF NORTHERN PIPELINES JAMES BAY	HYDRO DEVELOPMENT ENVIRONMENTAL IMPACT NORTHERN	6
PROPOSED RESERVOIR ON WILDLIFE AND VEGETATION EFFECT OF	HYDRO DEVELOPMENT ON WILDLIFE RELATIONSHIP OF W	107
IC AND MARINE MICROBES; FATE AND BEHAVIOR OF CHLORINATED	HYDROCARBONS IN NATURAL WATERS MICROBE-POLLUTANT	2
FOR THE TROPICS ECOLOGICAL RECONNAISSANCE OF TER GUATATEP	HYDROELECTRIC POWER PROJECT POLITICA DE CONSERVA	150
RICAL AREAS ECOPHYSIOLOGY - ECONOMICS OF ALPALFA WEEVIL	HYPERA POSTICA AGRICULTURAL INSECTS OF TONGA SO	85
OD PROCESSING FOOD HANDLING INDUSTRIES MASTITIS CONTROL	IMMUNOLOGICAL MICROBIOLOGY ENVIRONMENTAL SANIT	40
VERN PIPELINES JAMES BAY HYDRO DEVELOPMENT ENVIRONMENTAL	IMPACT NORTHERN ECOSYSTEMS WITH PARTICULAR REPE	6
IMPACT MANAGEMENT WORKSHOPS AN APPROACH TO ENVIRONMENTAL	IMPACT ASSESSMENT INDUSTRIAL IMPACT ON COASTAL Z	35
INDUSTRIAL IMPACT ON COASTAL ZONE ENVIRONMENT ENVIRONMENTAL	IMPACT MANAGEMENT WORKSHOPS AN APPROACH TO ENVI	35
NTAL ASPECTS OF WATER MANAGEMENT DECISIONS ENVIRONMENTAL	IMPACT MANAGEMENT WORKSHOPS INDUSTRIAL IMPACT ON	47
FOR MANAGEMENT MANAGEMENT ORIENTATED WILDLIFE RESEARCH	IMPACT OF HUNTING ON A POPULATION OF MOOSE EPPEC	87
ARTICULAR REFERENCE TO WILDLIFE MANAGEMENT ENVIRONMENTAL	IMPACT OF NORTHERN PIPELINES JAMES BAY HYDRO DEV	6
OF MOUNTAIN WHITEFISH AND EASTERN BROOK TROUT ECOLOGICAL	IMPACT OF PROPOSED RESERVOIR SITE ON BOW RIVER	148
CNS ENVIRONMENTAL IMPACT MANAGEMENT WORKSHOPS INDUSTRIAL	IMPACT ON COASTAL ZONE ENVIRONMENT RESOURCE AND	47
N APPROACH TO ENVIRONMENTAL IMPACT ASSESSMENT INDUSTRIAL	IMPACT ON COASTAL ZONE ENVIRONMENT ENVIRONMENTAL	35
EMENT AQUATIC ASSESSMENT OF AKCTIC REGIONS SPORT FISHERY	IMPACT ON GREAT LAKES NWT FISHERIES DEVELOPMENT	126
REGIONS UTICA SUNY CAMPUS ECOLOGY & DESIGN 406 HIGHWAY	IMPACT STUDY OKWARI COUNTY SYSTEMS ECOLOGY RELA	38
SION ENVIRONMENTAL STATEMENT PLANNING AND ASSESSMENT OF	IMPACTS ASSOCIATED WITH WATER RESOURCE DEVELOPME	93
GNIFICANCE OF PESTICIDE RESIDUES IN MAN AND ANIMALS WITH	IMPAIRED HEPATIC METABOLISM FATE AND BEHAVIOR OF	101
SEED PURIFICATION & INCREASE OF CEREALS AND OIL SEEDS	INCLUDES WINTER INCREASE IN CALIFORNIA SEED INCR	15
ND WEEDS SUPERVISING C.I.B.C. STAFF IN EUROPE TRINIDAD	INDIA PAKISTAN MALAYA AND WEST AFRICA ARGENT	140
POLATION DYNAMICS OF SUGARCANE PESTS BIOLOGY OF THE WEST	INDIAN ROOT BORER WEEVIL ELECTROPHYSIOLOGY OF IN	97
N COASTAL PLAIN GEOLOGY- SOIL-BIOTIC RELATIONSHIPS PLANT	INDICATORS OF TEMPERATURE-WILDLIFE CLASS SYSTE	139
D WASTE MANAGEMENT SOILS FOR IRRIGATION IN ARTIGOA WEST	INDIES WASTB MANAGEMENT IN SOILS PHYSICAL SOIL	161
IN CELEBES EPIDEMIOLOGY OF ZOONOTIC DISEASE ZOONOSES OF	INDONESIA INTRODUCTION OF NONIMONES SCHISTOSOMIA	153
MENT DECISIONS ENVIRONMENTAL IMPACT MANAGEMENT WORKSHOPS	INDUSTRIAL IMPACT ON COASTAL ZONE ENVIRONMENT R	47
ORKSHOPS AN APPROACH TO ENVIRONMENTAL IMPACT ASSESSMENT	INDUSTRIAL IMPACT ON COASTAL ZONE ENVIRONMENT EN	35
ENVIRONMENTAL SANITATION ESPECIALLY AS RELATED TO HOSPITAL AND	INDUSTRIAL SANITATION AND FOOD PROCESSING SANITA	40
E MONITORING MARINE POLLUTION MONITORING PROGRAMS NINE	INDUSTRIAL DOMESTIC VICTORIA DISTRICT TRUNK SER	43
ONSULTATION TO HOSPITALS FOOD PROCESSING FOOD HANDLING	INDUSTRIES MASTITIS CONTROL IMMUNOLOGICAL MICRO	40
LARNING REVIEW OF RESOURCE/ENVIRONMENT TRAINING PROGRESS	INFORMATION FLOW IN NEW YORK CITY'S EPA MODELIN	26
GY OF LOWER PLANTS SEED DORMANCY AND GERMINATION ROLE OF	INITIATION FACTORS IN PROTEIN SYNTHESIS PLANT B	12
2:1 CLAYS RESEARCH IN CLAY MINERALOLOGY SOIL SCIENCE AND	INORGANIC CHEMISTRY X-RAY DIFFERENTIAL ANALYSIS	49
RACCO COTWORMS APPLE APHIDS PPA APHIDS TOBACCO COTWORMS	INSECT AND HITE ECOLOGY ORCHARD APPLE PEA ARBI	142
ICULTURAL INSECTS OF TONGA, SOUTH PACIFIC AGRICULTURAL	INSECT BIOLOGY AND CONTROL IN TEMPERATE AND SUBT	85
LAB. ENTOMOLOGY EXPERT HUNGARY NON-CHEMICAL METHODS OF	INSECT CONTROL STERILE MALE TECHNIQUE AND ATTRA	18
ING TO EVOLUTIONARY AND BIOGEOGRAPHICAL STUDIES OIL PALM	INSECT PEST SURVEY WEST NEW BRITAIN CACAO WEEVI	144
LAYA, AND WEST AFRICA, ARGENTINA. BIOLOGICAL CONTROL OF	INSECT PESTS AND WEEDS SUPERVISING C.I.B.C. STAF	140
LTRAL CHEMICALS PARTICULARLY PESTICIDES CONTROL OF RICE	INSECT PESTS WITH DOW INSECTICIDES CONTROL OF PE	1
NS ON PACEPFLY ELECTRON MICROSCOPY OF	INSECT SENSE ORGANS ULTRASTRUCTURE OF SENSE ORGA	65
S OF ORCHARD PESTS PEST MANAGEMENT BIOLOGICAL CONTROL	INSECT SYSTEMATICS EVALUATION OF BIOLOGICAL CONT	10
SPINNING SAWFLIES SURVEY OF INSECTS IN FOREST NURSERIES	INSECT TAXONOMY AND DIONONICS TEMPERATURE AND DE	42
P DERMAPTERA, JOINT ACTION OF INSECTICIDE JOINT ACTION	INSECT TOXICOLOGY DERMAPTERA NUMERICAL TAXONOM	129
ONARY BIOGEOGRAPHICAL STUDIES ELATERIDAE SYSTEMATICS OF	INSECTA LEADING TO EVOLUTIONARY AND BIOGEOGRAPHI	144
LOGY EVOLUTIONAL BIOLOGY OF DERMAPTERA JOINT ACTION OF	INSECTICIDE JOINT ACTION INSECT TOXICOLOGY DE	129

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

CHARLY PESTICIDES CONTROL OF RICE INSECT PESTS WITH DOW	1
MILIM DAMNOSUM IN VITRO MASS PRODUCTION OF PATHOGENS OF	80
F THE WEST INDIAN ROOT BORER BEVIL ELECTROPHYSIOLOGY OF	97
ON OF CODLING MOTH APPLIED ECOLOGY OF	89
IONOMICS AND TAXONOMY OF REE-SPINNING SAWFLIES SURVEY OF	42
WATER POLLUTION THERMAL POLLUTION BY A RESERVOIR AQUATIC	83
L OF PERENNIAL GRASSES IN AFFORESTATION AREAS CONTROL OF	1
BIONOMICS OF ALPALPA BEZVIL HYPERA POSTICA AGRICULTURAL	85
VOIR AQUATIC INSECTS OF ARCTIC PONDS TAXONOMY OF AQUATIC	83
LION ARE MY GREATEST COMPETENCE ECOLOGICAL AND AQUATIC	160
IL RUST SPREAD OF EUROPEAN SPRUCE SAWFLY SYSTEMATICS OF	165
S-PEARING OF HOMOCOSOMA VAGELLA SUPPRESSION OF MACADAMIA	102
ANTIC MATTER DYNAMICS IN DEEP OCEAN ECOLOGICAL STUDIES OF	22
RENTHOS DISTRIBUTION OF ANIMALS IN STREAMBEDS EFFECT OF	164
ETICAN MAMMALS TO ENVIRONMENT; PARTICULARLY GIRAFFE; ALSO	50
LAGOON ST. CROIX ADVICE ON METHODS FOR KEEPING SEAWATER	56
PRODUCTION OF RUMINANTS BEEF PRODUCTION FROM GRAZING AND	63
STE DISPOSAL AND SOIL MOISTURE; GROUND WATER-STEPPINGFLOW	81
WATERED HYDROCARBONS IN NATURAL WATERS MICROBE-POLLUTANT	2
ESPECIALLY HEAVY METAL AND OTHER ENVIRONMENTAL POLLUTION	32
S (PLANT) TOXICOLOGY (HEPATIC DYSFUNCTION AND PESTICIDE	101
S ANALYSIS OF CARBON AND SULPHUR IN MINERALOGY AND ROCAS	49
ESPECIALLY GIBBERELLINS AS RELATED TO FLOWERING GIBBERELLIN	114
ION RESEARCH PHYSIOLOGICAL ASPECTS OF MATURATION IN FISH	79
IN FISH INTERDISCIPLINARY ANALYSIS OF POLLUTION EFFECTS	79
DISCIPLINARY APPROACHES TO ENVIRON. RES. DEVELOPMENT OF	79
ENT AND USE OF LAND AND WATER	53
LARGE MAMMALS ESPECIALLY CARNIVORES ECOLOGY OF NORTHERN	111
ECTS OF ARCTIC PONDS TAXONOMY OF AQUATIC INSECTS OF WEST	83
FERTILIZED BY HUMAN WASTES ECOLOGY OF PERCH OF LAC LEMAN	16
SURVEY BIRD POPULATION STUDIES IN FORESTS NEW MONTREAL	31
ATONSHIPS SURVEY OF THE PLANT COMMUNITIES OF MANITOBA -	70
TES INFLUENCE OF SUBSTRATE TYPE ON POPULATION STRUCTURE	124
AND FCOM. PARAMETER OF A STREAM FISHERY ANALYSIS OF FISH	88
REY ANALYSIS OF FISH INTRODUCTIONS IN SASKATCHEWAN LAKE	88
RMAL EFFLUENT OF BIOTA HEATED EFFLUENT AT HIGH LATITUDES	52
EFFECT OF PREDATORS ON NESTING DUCKS CHIP LAKE WILDLIFE -	87
TURE OF SHRIMP BIOLOGY AND POPULATION DYNAMICS FISH AND	67
OPRTIES RELATED TO WATER AND WASTE MANAGEMENT SOILS POR	161
TION VALUES TO PUBLIC ARCTIC ECOLOGY ECOLOGY OF SEA BIRD	57
PERATURES ANTARCTIC PENGUINS ARTHROPOD ECOLOGY CAPE HORN	16
ETHNOBIOLOGY OF MICRONESIA FLORA OF THE NORTHERN MARIANA	88
TION OF FRENCH CATTLE IN ENGLAND ADAPTATION OF CATTLE TO	63
RY OF PACIFIC SUBMARINE CAVES DEEP SUBMERSSIBLE SURVEY OF	121
P SUBMERSSIBLE SURVEY OF JAMAICA REEFS BIOLOGY ECOLOGY OF	121
PE MANAGEMENT ENVIRONMENTAL IMPACT OF NORTHERN PIPELINES	6
POPULATION DYNAMICS OF CRANES ECOLOGICAL STUDIES ON THE	62
GES IN CHIHUAHUAN DESERT VEGETATION OF DRAINAGE BASIN IN	61
MY FOREST ENTOMOLOGY EVOLUTIONAL BIOLOGY OF DERMAPTERA	129
ONAL BIOLOGY OF DERMAPTERA, JOINT ACTION OF INSECTICIDE	129
ND VERTEBRATE ECOLOGY NORTHERN GEORGIA LIMITS OF MERRIAM	130
WATER MANAGEMENT CONSERVATION AND CHEMISTRY SOILS OF THE	73
MUNITIES YIELD PREDICTION OF CRAB FISHERY ENERGY FLOW IN	96
IOLOGY AND ECOLOGY OF MARINE MACRO CRUSTACEA DYNAMICS OF	117
S FOR PROTECTION OF FISHERY RESOURCES DETOXIFICATION OF	136
ATION WITH PLANT SUCCESSION POPULATION STUDY OF BIRDS OF	37
NEODOLOGIA PARA DETERMINACION CAPACIDAD DE USO MAYOR DE	150
RESEARCH LAB. ENTOMOLOGY IN CHARGE OF ENTOMOLOGY RESEARCH	18
RILE MALE TECHNIQUE AND ATTRACTANT IN CHARGE OF RESEARCH	18
ATIC PRODUCTIVITY PHYTOPLANKTON ECOLOGY CHDRICRILL PALLS	103
OF WATERS FERTILIZED BY HUMAN WASTES ECOLOGY OF PERCH OF	7
F THE SOLENT SURVEY OF THE BLACKWATER ESTUARY ECOLOGY OF	16
RCES DETOXIFICATION OF KRAFT MILL EFFLUENT BY AN AERATED	136
CULTURE ADVICE ON PERMANCY OF BREDDING OPERATION IN PEEP	56
KTON CEBU COASTAL WATERS POPULATION CHANGES IN GUPPIES	95
ARCTIC AND BOREAL ORNITHOLOGY & MAMMLOGY REPORT ON BIRDS	64
INSTRATION DEVELOPMENT OF RALLEYF NATURAL BEARING AREAS	66
ECOLOGY OF FISH POPULATIONS FISH POPULATIONS OF WESTERN	108
NTORY AND WATER CLASSIFICATION EVALUATION OF STREAM AND	88
M FISHERY ANALYSIS OF FISH INTRODUCTIONS IN SASKATCHEWAN	88
OLATION CYCLES - EUTROPHICATION CCIBP CRAR LAKE PROJECT	72
H. FISH CULTURE FACTORS CAUSING MORTALITY IN ALEWIVES IN	91
ION OF LAKES ARTIFICIAL CIRCULATION OF A SMALL EUTROPHIC	59
LIMNOLOGICAL ENERGY FLOW AND ARCTIC LIMNOLOGY CCIBP CRAR	162
ALGAL POPULATION CYCLES - EUTROPHICATION CCIBP CRAR	72
AQUATIC ECOSYSTEMS FERTILIZER EFFECT ON PRODUCTIVITY IN	159
ION OF ECOSYSTEMS ECOSYSTEM ANALYSIS SYSTEMS ANALYSIS OF	8
ATION OF MOUSE EFFECT OF PREDATORS ON NESTING DUCKS CHIP	87
DAUPHIN WATER LEVEL REGULATION PICKEREL TAGGING STUDIES	66
AND MANAGEMENT ASSESSMENT OF FISHERIES STOCKS IN N.W.T.	143
A HEATED EFFLUENT AT HIGH LATITUDES INVENTORY OF ALBERTA	52
ION OF SALINE LAKES TROPIC STATUS OF SOME NEW HAMPSHIRE	59
E MANAGEMENT STUDY ESTUARINE RESEARCH ALGAL COMMUNITIES IN	146
N ECOLOGY PRIMARY PRODUCTION ARTIFICIAL CIRCULATION OF	59
PROCEDURE EUTROPHICATION OF WATERS ENERGY FLOW IN DOMIC	84
INSECTICIDES CONTROL OF PERENNIAL GRASSES IN APP	1
INSECTS BIOLOGICAL CONTROL IN MEDICAL ENTOMOLOG	80
INSECTS - ENVIRONMENTAL EFFECTS ON BEHAVIOR PHY	97
INSECTS ECOLOGY OF LEAF ROLLERS LARVAL COMPETITI	89
INSECTS IN FOREST NDRSERIPS INSECT TAXONOMY AND	42
INSECTS OF ARCTIC PONDS TAXONOMY OF AQUATIC INSE	83
INSECTS OF IMPORTANCE TO PUBLIC HEALTH RESEARCH	1
INSECTS OF TONGA SOUTH PACIFIC AGRICULTURAL IN	85
INSECTS OF WEST INTERIOR OF CANADA EPHEMENOPTER	83
INSECTS STUDIES IN VIENNA INVESTIGATION ON TOXIC	160
INSECTS WITH PARTICULAR REFERENCE TO SAWFLIES A	165
INSECTS WITH D.L.V. ECOLOGIC SIGNIFICANCE AND BI	102
INSHORE WATERS OF ATLANTIC CANADA PHYTOPLANTON P	22
INSTALLING PIPELINE ACROSS DETROIT RIVER ECOLOG	164
INSOLAR PROBLEMS DIRECTING GRADUATE STUDENTS IN	50
INTAKE SCREEN CLEAN PHYTOPLANKTON ECOLOGY; ALGA	56
INTENSIVE SYSTEMS GENETIC EVALUATION OF FRENCH C	63
INTERACTIONS GROUNDWATER-FRACTURED CRYS. ROCKS-R	81
INTERACTIONS IN NATURAL WATERS AND SEDIMENTS AC	2
INTERACTIONS OF ENVIRONMENTAL POLLUTANTS IN PLAN	32
INTERACTIONS) SIGNIFICANCE OF PESTICIDE RESIDUES	101
INTERCHANGE REACTION RATE OF H ₂ O ON 2:1 CLAYS RE	49
INTERCONVERSIONS IN HIGHER PLANTS PHYSIOLOGY OF	114
INTERDISCIPLINARY ANALYSIS OF POLLUTION EFFECTS	79
INTERDISCIPLINARY APPROACHES TO ENVIRON. RES. U	79
INTERDISCIPLINARY APPROACHES TO ENVIRONMENTAL AR	79
INTERGRATING NATURE PROTECTION WITH THE DEVELOPM	53
INTERIOR GRIZZLY BEAR ECOLOGY OF	111
INTERIOR OF CANADA EPHEMENOPTERA RIVER ECOLOGY	83
INTERNAL TEMPERATURES ANTARCTIC PENGUINS ARTHRO	16
INTERNATIONAL AIRPORT AREA ECOLOGY BIRDS AIRPORT	31
INTERNATIONAL BIOLOGICAL PROGRAMME A PRELIMINARY	70
INTERTIDAL SUBSTRATE ROGOSITY AND SPECIES DIVERS	124
INTRODUCTIONS IN SASKATCHEWAN LAKE INVENTORY AND	88
INVENTORY AND WATER CLASSIFICATION EVALUATION O	88
INVENTORY OF ALBERTA LAKES DISTRIBUTION ECOLOG	52
INVENTORY WITH RECOMMENDATIONS FOR MANAGEMENT M	87
INVERTEBRATES BIOLOGY AND POPULATION DYNAMICS OF	67
IRRIGATION IN ANTIGUA WEST INDIES WASTE MANAGEN	161
ISLAND ECOLOGY OF THE BALD EAGLE WILDLIFE ECOLO	57
ISLANDS AQUATIC ECOLOGY (ANIMAL) OF WATERS PERT	16
ISLANDS HERPETOPAUWA OF GUAM ETHNOBOTANY OF JAP	88
ISRAELI CONDITIONS ANIMAL BREEDING AND GENETICS	63
JAMAICA REEFS BIOLOGY ECOLOGY OF JAMAICAN DEMOSP	121
JAMAICAN DEMOSPONGIAE FEEDING AND ENERGY BDDGET	121
JAMES BAY BIDRO DEVELOPMENT ENVIRONMENTAL IMPACT	6
JAPANESE CRANE BIOLOGICAL EXPEDITION OF NEPAL HI	62
JASPER NATIONAL PARK VEGETATION OF N. YUKON ANA	61
JOINT ACTION OF INSECTICIDE JOINT ACTION IRSEC	129
JOINT ACTION INSECT TOXICOLOGY DERMAPTERA NUM	129
K RAT IN PECOS RIVER PHYSIOLOGICAL ECOLOGY A	130
KANANASKIS VALLEY OF ALBERTA CANADA DESERT CREE	73
KELP COMMUNITY ENERGETICS OF CTENOPHORE POPULATI	96
KING BROWN POPULATIONS IN QUEENSLAND B	117
KRAFT MILL EFFLUENT BY AN AERATED LAGOON TOXICIT	136
LA MAURICIE NATIONAL PARK QUEBEC BIRDS OF PORIL	37
LA TIERRA EN COLOMBIA LIFE ZONE SYSTEM OF ECOL	150
LAB. ENTOMOLOGY EXPERT HUNGARY NON-CHEMICAL NET	18
LAB. ENTOMOLOGY IN CHARGE OF ENTOMOLOGY RESEARCH	18
LABRADOR ENVIRONMENTAL STUDY BOUNDARY DAM THERMA	103
LAC LEMAN INTERNAL TEMPERATURES ANTARCTIC PENGUI	7
LAGOON "THE SWANPOOL" ECOLOGY OF FRAKRISH-WATER	16
LAGOON TOXICITY OF MUNICIPAL SEWAGE OF SALMON TO	136
LAGOON ST. CROIX ADVICE ON METHODS FOR KEEPING	56
LARGO CREEK CEBU REVIEW ECOLOGICAL STUDIES SI	95
LAKE AT BABASCA REGION FOR PEACE ATHABASIA RIVER	64
LAKE DROPHIN WATER LEVEL REGULATION PICKEREL TAG	66
LAKE ERIE DYNAMICS AND	108
LAKE FISHERY MANAGEMENT PRACTICES BIOL. RECREATI	88
LAKE INVENTORY AND WATER CLASSIFICATION EVALUAT	88
LAKE MEMPREMAGOG PROJECT ALGAL PO	72
LAKE ONTARIO CHANGES IN THE FINAL PREPERENDUM OF	91
LAKE PRIMARY PRODUCTION OF SALINE LAKES TROPIC	59
LAKE EBOJECT	162
LAKE PROJECT LAKE MEMPREMAGOG PROJECT	72
LAKE ST. CLAIR THE NATURE OF PHOTOSYNTHATE IN PH	159
LAKE TEXOMA MANAGEMENT PLAN OF ESTRIE REGION QU	8
LAKE WILDLIFE - INVENTORY WITH RECOMMENDATIONS F	87
LAKE WIRNIREGOSIS FRESHWATER COMMERCIAL AND SPO	66
LAKES ASSESSMENT OF LAKES FOR FISHERIES DEVELOP	143
LAKES DISTRIBUTION ECOLOGY TAXONOMY AND SECO	52
LAKES EUTROPHICATION PHYTOPLANKTON ECOLOGY PR	59
LAKES LIMNOLOGY ESTUARINE ECOLOGY WATER RESOU	146
LAKES ARTIFICIAL CIRCULATION OF A SMALL EUTROPH	59
LAKES EUTROPHICATION OF HELSINKI CITY SEA AREA D	84

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ASSESSMENT OF FISHERIES STOCKS IN N.W.T. LAKES	ASSESSMENT OF LAKES FOR FISHERIES DEVELOPMENT AND MANAGEMENT	143
CLASSIFICATION SURVEY SOIL AND LAND CLASSIFICATION OF WATERBODIES	LAKES NATIONAL PARK SOIL GENESIS CLASSIFICATION	27
PRODUCTION OF A SMALL EUTROPHIC LAKE PRIMARY PRODUCTION OF SALINE LAKES	LAKES TROPHIC STATUS OF SOME NEW HAMPSHIRE LAKES	59
ASSESSMENT OF ARCTIC REGIONS SPORT FISHERY IMPACT ON GREAT LAKES	LAKES NWT FISHERIES DEVELOPMENT TASK FORCE	126
RELATIONS WILDLIFE RESEARCH AND GENERAL ADMINISTRATION OF LAND AND NATURAL RESOURCES STUDY OF GUAM DOVES	LAND AND WATER INTERGRATION	53
RATING WATERS PROTECTION WITH THE DEVELOPMENT AND USE OF LIFE ZONE SYSTEM OF ECOLOGICAL ANALYSIS AND MAPPING;	LAND CAPABILITY CLASSIFICATION; LAND MANAGEMENT	150
ADA SOIL SURVEY FOR HIGHWAY CONSTRUCTION SOIL SURVEY AND USE FOR AGRICULTURE	LAND CAPABILITY CLINTON BRITISH COLUMBIA CANADA	133
NEW. ENGINEERING SOIL SURVEY AND CLASSIFICATION OF WATERBODIES	LAND CAPABILITY CODROY NEW FOUNDLAND CANADA	133
BASED ON ENVIRONMENTAL CRITERIA COMPUTER MAPPING CALIF. CUTIVE EFFECTIVENESS GEOGRAPHIC DATA HANDLING & MAPPING	LAND CONSERVATION ACT EFFECTIVENESS SAC. CO. PLANNING	71
NTS OF CROPS INCLUDING TOXICITY OF NON NUTRIENT ELEMENTS	LAND DEVELOPMENT & USE CONTROLS BASED ON ENVIRONMENT	71
AL ANALYSIS AND MAPPING; LAND CAPABILITY CLASSIFICATION;	LAND DISPOSAL OF SEWAGE SLUDGE LAND RECLAMATION	9
E CLASS SYSTEMS ANALYSIS; GEOLOGICAL & PLANT ASSOC. AND OF NON NUTRIENT ELEMENTS	LAND MANAGEMENT SYSTEMS FOR THE TROPICS ECOLOGICAL	150
LAND USE IN SUPPOLL SANDLINGS: A SYSTEMS APPROACH	LAND MGT. RELATIONSHIPS SURFACE GEOLOGY SOIL RELATIONSHIPS	139
LAND USE AND ENVIRONMENT IN SOUTHERN SPAIN	LAND RECLAMATION EVALUATION OF NUTRIENT REQUIREMENTS	9
LAND USE CHANGE IN NATAL MIDLANDS SOUTH AFRICA	LAND USE AND ENVIRONMENT IN SOUTHERN SPAIN	3
LAND USE ECOLOGICAL ANALYSIS OF WATERLOO COUNTY	LAND USE FOR AGRICULTURE REC. ENGINEERING SOIL SURVEY	133
LAND USE IN SUPPOLL SANDLINGS: A SYSTEMS APPROACH	LAND USE LEGISLATION AND REGULATIONS WILDLIFE RESEARCH	112
LAND USE STUDIES AND CONSERVATION LAND USE IN SOUTH AFRICA	LAND USE STUDIES AND CONSERVATION LAND USE IN SOUTH AFRICA	3
LANDFORMS AND SURFICIAL DEPOSITS AND THEIR RELATIONSHIPS	LANDSLIDES IN MICA RESERVOIR QUATERNARY & ECOLOGICAL	122
LANDSLIDES IN MICA RESERVOIR QUATERNARY & ECOLOGICAL	LARREA DIVARICATA IN THE DESERTS OF THE S.W. U.S.	100
LARVAL COMPETITION OF CODLING MOTH	LATITUDES INVENTORY OF ALBERTA LAKES DISTRIBUTION	52
LEAD POISONING IN WATERPOW EPIZOOTIOLOGY OF TRILOBITES	LEADING TO EVOLUTIONARY AND BIOGEOGRAPHICAL STUDIES	144
LEAF ROLLERS LARVAL COMPETITION OF CODLING MOTH	LEAF SIZES IN VARIOUS ENVIRONMENTS DDT TRANSFERS	109
LEARNING IN BATS AND GUINEA PIGS BARPRESSING IN GUINEA PIGS	LEARNING PROCESSES IN ADULT FORMS DISCRIMINATION	17
LEARNING PROCESSES IN ADULT FORMS DISCRIMINATION	LEAST ENVIRONMENT POLLUTION WILD BOAR IN WEST PA	24
LECTURER SMALL MAMMAL POPULATION RESEARCH BIG GAME	LEGISLATION AND REGULATIONS WILDLIFE RESEARCH	112
LEHMAN INTERNAL TEMPERATURES ANTARCTIC PENGUINS	LEVEL; DIET DETERMINATION OF ANCIENT MAN BABIES	151
LICHEN COLLECTION OF H.E. WILSON RELATIONS BETWEEN LICHENS AND HIGHER PLANT COMMUNITIES	LICHEN SYNDICATA IN HEATH COMMUNITIES LICHEN COLLECTION	118
LICHENS AND HIGHER PLANT COMMUNITIES ROLE OF THE LICHENS	LICHENS AND HIGHER PLANT COMMUNITIES ROLE OF THE LICHENS	118
LICHENS HISTORIES OF PERSISTENT PERENNIAL WEEDS	LIPE HISTORY AND POPULATION DYNAMICS OF CRANES	62
LIPE HISTORY OF FRESHWATER FISHES	LIPE HISTORY OF FRESHWATER FISHES	148
LIPE HISTORY OF PROSODIUM WILLIAMSONI IN THE SHREVE	LIPE ZONE SYSTEM OF ECOLOGICAL ANALYSIS AND MAPPING	150
LIGHT EFFECTS (INTENSITY AND QUALITY) AND TEMPERATURE	LIGHT EFFECTS (INTENSITY AND QUALITY) AND TEMPERATURE	159
LIGHT QUALITY THE EFFECT OF TRACE METALS ON GROWTH	LIMITS OF MERRIAM K RAT IN PECOS RIVER PHYSIOLOGICAL	130
LIMNOLOGICAL ENERGY FLOW AND ARCTIC LIMNOLOGY	LIMNOLOGICAL ENERGY FLOW AND ARCTIC LIMNOLOGY	162
LIMNOLOGIST - FISHERIES BIOLOGIST FISHERIES BIOLOGIST	LIMNOLOGIST - FISHERIES BIOLOGIST FISHERIES BIOLOGIST	90
LIMNOLOGY AND WATER POLLUTION ARE MY GREATEST CONCERNS	LIMNOLOGY AND WATER POLLUTION ARE MY GREATEST CONCERNS	160
LIMNOLOGY CCIPB CHAR LAKE PROJECT	LIMNOLOGY ESTUARINE ECOLOGY WATER RESOURCE MANAGEMENT	146
LITTLE GRINDSTONE POINT CLASSIFICATION OF PLANT LIVES	LITTLE GRINDSTONE POINT CLASSIFICATION OF PLANT LIVES	70
LTD ENVIRONMENTAL STUDY BIOLOGICAL & CHEMICAL MONITORING	LTD ENVIRONMENTAL STUDY BIOLOGICAL & CHEMICAL MONITORING	46
LTD. MARINE MONITORING CROPPON PULP MILL MARINE MONITORING	LTD. MARINE MONITORING CROPPON PULP MILL MARINE MONITORING	43
LUMBRICUS TERRESTRIS SOIL AS IT RELATES TO ENERGY	LUMBRICUS TERRESTRIS SOIL AS IT RELATES TO ENERGY	98
MACKENZIE VALLEY GAS PIPELINE PROJECT POST-DOCTORAL	MACKENZIE VALLEY GAS PIPELINE PROJECT POST-DOCTORAL	77
MACRO CRUSTACEA DYNAMICS OF KING PRAWN POPULATION	MACRO CRUSTACEA DYNAMICS OF KING PRAWN POPULATION	117
MACROFAUNA FMC OF CANADA LTD ENVIRONMENTAL STUDY	MAGNETIC AND ELECTRIC FIELDS ELECTRO SENSITIVITY	127
MAGNETIC AND ELECTRIC FIELDS ELECTRO SENSITIVITY	MAGNETIC AND ELECTRIC FIELDS ELECTRO SENSITIVITY	127
MALAYA AND WEST AFRICA ARGENTINA. BIOLOGICAL	MALAYA AND WEST AFRICA ARGENTINA. BIOLOGICAL	140
MALE TECHNIQUE AND ATTRACTANT IN CHARGE OF RESEARCH	MALE TECHNIQUE AND ATTRACTANT IN CHARGE OF RESEARCH	18
MAMMAL BEHAVIORAL- ECOLOGY IN RELATION TO HABITAT	MAMMAL BEHAVIORAL- ECOLOGY IN RELATION TO HABITAT	34
MAMMAL ECOLOGY - POPULATION DYNAMICS - HABITAT RESEARCH	MAMMAL ECOLOGY - POPULATION DYNAMICS - HABITAT RESEARCH	8
MAMMAL ECOLOGY AND BEHAVIOR ECOLOGY OF MARSUPIAL	MAMMAL ECOLOGY AND BEHAVIOR ECOLOGY OF MARSUPIAL	60
MAMMAL ECOLOGY IN WASHINGTON STATE HABITAT SELECTION	MAMMAL ECOLOGY IN WASHINGTON STATE HABITAT SELECTION	94
MAMMAL POPULATION SPECIES TO COMMUNITY LEVEL; DIET	MAMMAL POPULATION SPECIES TO COMMUNITY LEVEL; DIET	151
MAMMAL POPULATION RESEARCH BIG GAME POPULATIONS	MAMMAL POPULATION RESEARCH BIG GAME POPULATIONS	77
MAMMALIAN ECOLOGY - HABITAT UTILIZATION SUBALPINE	MAMMALIAN ECOLOGY - HABITAT UTILIZATION SUBALPINE	94
MAMMALS ESPECIALLY CARNIVORES ECOLOGY OF NORTHERN	MAMMALS ESPECIALLY CARNIVORES ECOLOGY OF NORTHERN	111
MAMMALS POPULATION DYNAMICS OF CALIF. QUAIL THE	MAMMALS POPULATION DYNAMICS OF CALIF. QUAIL THE	137
MAMMALS TO ENVIRONMENT; PARTICULARLY GIRAFFE; AL	MAMMALS TO ENVIRONMENT; PARTICULARLY GIRAFFE; AL	50
MAMMALS) HERBICIDES AND ANIMALS IN ASPEN COMMUNITY	MAMMALS) HERBICIDES AND ANIMALS IN ASPEN COMMUNITY	157
MAMMALS) REPORT ON BIRDS LAKE AT HABASCA REGION	MAMMALS) REPORT ON BIRDS LAKE AT HABASCA REGION	64
MAM AND ANIMALS WITH IMPAIRED HEPATIC METABOLISM	MAM AND ANIMALS WITH IMPAIRED HEPATIC METABOLISM	101
MAM BABIES TRANSFER FROM BATS TO MICE IN MINES	MAM BABIES TRANSFER FROM BATS TO MICE IN MINES	151

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

IPR RELATIONSHIP OF WILDLIFE TO HABITAT AND RESPONSE TO	MAN-MADE CHANGE EFFECT OF PROPOSED RESERVOIR ON	107
CHIP LAKE WILDLIFE - INVENTORY WITH RECOMMENDATIONS FOR	WISR AND WILDLIFE	145
WINNIPEGOSIS FRESHWATER COMMERCIAL AND SPORT FISHERIES	MANAGEMENT	87
TROPHIC LEVELS IN THE SEA ESTUARINE MANAGEMENT ESTUARINE	MANAGEMENT ORIENTATED WILDLIFE RESEA	87
ASK FORCE FISHERIES RESOURCE ASSESSMENT ALLOCATION AND	MANAGEMENT AND ADMINISTRATION DEVELOPMENT OF WAL	66
LAKES ASSESSMENT OF LAKES FOR FISHERIES DEVELOPMENT AND	MANAGEMENT AQUACULTURE BIOLOGICAL OCEANOGRAPHY	110
USER ON BLACK SPRUCE REGEN. ANATOMY OF TREES AND FOREST	MANAGEMENT AQUATIC ASSESSMENT OF ARCTIC REGIONS	126
COMMERCIAL FISHERIES - FOOD OF COMMERCIAL FISH FISHERIES	MANAGEMENT ASSESSMENT OF FISHERIES STOCKS IN N.W	143
IN LION HABITAT ANALYSIS BRAIRIE FALCON SURVEY WILDLIFE	MANAGEMENT ASSESSMENT OF YELLOW BIRCH REGENERATI	11
RDUD HARD SOIL RECLAMATION IN WEST SUDAN SOIL AND WATER	MANAGEMENT BOTH ECONOMIC AND BIOLOGICAL FISHERIE	36
PERIES MANAGEMENT BOTH ECONOMIC AND BIOLOGICAL FISHERIES	MANAGEMENT CENSUSING WILDLIFE GOLDEN EAGLE POPOL	106
ENTAL PLANNING AND POLICY ENVIRONMENTAL ASPECTS OF WATER	MANAGEMENT CONSERVATION AND CHEMISTRY SOILS OF T	73
ORTHERN ECOSYSTEMS WITH PARTICULAR REFERENCE TO WILDLIFE	MANAGEMENT CONSULTANT - SARDINES COASTAL ZONE MA	36
RELATIONSHIP BETWEEN TROPHIC LEVELS IN THE SEA ESTUARINE	MANAGEMENT DECISORS ENVIRONMENTAL IMPACT MANAGE	47
FISHERIES MANAGEMENT CONSULTANT - SARDINES COASTAL ZONE	MANAGEMENT ENVIRONMENTAL IMPACT OF NORTHERN PIPE	6
EMENT SOILS FOR IRRIGATION IN ANTIGUA WEST INDIES WASTE	MANAGEMENT ESTUARINE MANAGEMENT AQUACULTURE BIO	110
S IN LAKES LIMNOLOGY ESTUARINE ECOLOGY WATER RESOURCE	MANAGEMENT FOR CALIFORNIA & SEA GRANT COMMERCIAL	36
ILDLIE - INVENTORY WITH RECOMMENDATIONS FOR MANAGEMENT	MANAGEMENT IN SOILS PHYSICAL SOIL PROPERTIES BE	161
ECOSYSTEM AND PERTURBATION STUDIES ARCTIC ENVIRONMENTAL	MANAGEMENT OKANAGAN WATER RESOURCE MANAGEMENT ST	146
STEMS ECOSYSTEM ANALYSIS SYSTEMS ANALYSIS OF LAKE TEXOMA	MANAGEMENT ORIENTATED WILDLIFE RESEARCH IMPACT O	87
ERS CLASSIFICATION EVALUATION OF STREAM AND LAKE FISHERY	MANAGEMENT PANARCTIC OILS ARCTIC ENVIRONMENTAL M	14
ILS PHYSICAL SOIL PROPERTIES RELATED TO WATER AND WASTE	MANAGEMENT PLAN OF ESTRIE REGION QUEBEC ANALYS	4
COLOGY WATER RESOURCE MANAGEMENT OKANAGAN WATER RESOURCE	MANAGEMENT PRACTICES BIOL. RECREATIONAL AND ECON	88
ENVIRONMENTAL MANAGEMENT PANARCTIC OILS ARCTIC ENVIRONMENTAL	MANAGEMENT SOILS FOR IRRIGATION IN ANTIGUA WEST	161
ALYSIS AND MAPPING; LAND CAPABILITY CLASSIFICATION; LAND	MANAGEMENT STUDY ESTUARINE RESEARCH ALGAL CONNOT	146
S CAPECAILLIE IN ALPES GAME RESEARCH AND GAME	MANAGEMENT SURVEY ENVIRONMENTAL PROTECTION BOARD	14
IMPACT ON COASTAL ZONE ENVIRONMENT ENVIRONMENTAL IMPACT	MANAGEMENT SYSTEMS FOR THE TROPICS ECOLOGICAL RE	150
PECTS OF WATER MANAGEMENT DECISIONS ENVIRONMENTAL IMPACT	MANAGEMENT WOLVERINE IN SCANDINAVIA BEAS IN ALPE	76
TURAL PESTS PARASITES & PREDATORS OF ORCHARD PESTS PEST	MANAGEMENT WORKSHOPS AN APPROACH TO ENVIRONMENT	35
L POPULATION RESEARCH BIG GAME POPULATIONS RESEARCH AND	MANAGEMENT WORKSHOPS INDUSTRIAL IMPACT ON COASTA	47
EBEC WILDLIFE SERVICE FRESHWATER FISHERIES AND WILDLIFE	MANAGEMENT BIOLOGICAL CONTROL INSECT SYSTEMATI	10
D THEIR RELATIONSHIPS SURVEY OF THE FLANT COMMUNITIES OF	MANAGEMENT CONSERVATION WILDLIFE RESEARCH FOR M	77
LE OR HARDWOOD FOREST ASBESTOS TAILINGS AND POLLUTION OF	MANAGEMENT MASTER IN PUBLIC ADMINISTRATION PLAN	154
NING EXECUTIVE EFFECTIVENESS GEOGRAPHIC DATA HANDLING &	MARITOMA - INTERNATIONAL BIOLOGICAL PROGRAMME A	70
E USE CONTROLS BASED ON ENVIRONMENTAL CRITERIA COMPUTER	MARLE SUGAR GROVES STUDY OF VEGETATION OPEXOS	116
EN COLOMBIA LIFE ZONE SYSTEM OF ECOLOGICAL ANALYSIS AND	MAPPING LAND DEVELOPMENT & USE CONTROLS BASED O	71
OF YAP ETHNOBIOLOGY OF MICRONESIA FLORA OF THE NORTHERN	MAPPING CALIF. LAND CONSERVATION ACT EFFECTIVENS	71
SCREEN CLEAN PHYTOPLANKTON ECOLOGI; ALGAL MASS CULTURES	MAPPING; LAND CAPABILITY CLASSIFICATION; LAND MA	150
SYSTEMATICS OF CORALLINE ALGAE SYSTEMATICS AND ECOLOGY OF	MARIANA ISLANDS HERPETOFAUNA OF GOAM ETHNOBOTANY	48
CORALLINE ALGAE SYSTEMATICS AND ECOLOGY OF MARINE ALGAE	MARICULTURE ADVICE ON PERMANCY OF DREDGING OPERA	56
WITY ENERGETICS OF CTENOPHORE POPULATION ENERGY FLOW IN	MARINE ALGAE MARINE ALGAE OF THE CANADIAN ARCTIC	82
SAND BEACH MEIOPAONA ECOSYSTEM REPRODUCTIVE ECOLOGY OF	MARINE ALGAE OF THE CANADIAN ARCTIC SYSTEMATICS	82
OF JAMAICAN DEMOSPONGIAE FEEDING AND ENERGY BODGYS OF	MARINE BERTHC COMMUNITIES YIELD PREDICTION OF C	96
POPULATIONS IN QUEENSLAND ETIOLOGY AND ECOLOGY OF S	MARINE BENTHIC ORGANISMS AND DISTRIBUTION ABUNDA	149
S ACTION OF ORGANIC AND METALLIC SALTS UPON AQUATIC AND	MARINE BENTHIC SUSPENSION FEEDERS PAUNAL SURVEY	121
WERS UTAH MINES LTD. MARINE MONITORING CROFTON PULF HILL	MARINE MACRO CRUSTACEA DYNAMICS OF KING PRAWN PO	117
DOMESTIC VICTORIA DISTRICT TRORK SEWERS UTAH MINES LTD.	MARINE MICROBES; PATE AND BEHAVIOR OF CHLORINATE	2
OF MARINE ZOOPLANKTON PHYSIOLOGY CP ZOOPLANKTON VICTORIA	MARINE MONITORING MARINE POLLUTION MONITORING P	43
TURE BIOLOGICAL OCEANOGRAPHY INCLUDING THE CHEMISTRY OF	MARINE MONITORING CROFTON PULF HILL MARINE MONIT	43
ANKTON PHOTOSYNTHESIS OIL POLLUTION AND EFFECTS ON	MARINE MONITORING GREYNEK MINE SURVEY PHYSIOLOG	86
LUTION AND EFFECTS ON MARINE ORGANISMS EFFECT OF OIL ON	MARINE ORGANISMS AND THE RELATIONSHIP BETWEEN TR	110
MARINE MONITORING CROFTON PULF HILL MARINE MONITORING	MARINE ORGANISMS EFFECT OF OIL OR MARINE PHYTOPL	119
RIA MARINE MONITORING GREYNEK MINE SURVEY PHYSIOLOGY CP	MARINE PHYTOPLARKTON PHOTOSYNTHESIS OIL PO	119
F IMPORTANCE TO PUBLIC HEALTH RESEARCH DEVELOPMENT AND	MARINE POLLUTION MONITORING PROGRAMS MINE INDUS	43
RESURIALS WESTERN AUSTRALIA ECOLOGY OF SAVANNAH WOODLAND	MARINE ZOOPLANKTON PHYSIOLOGY OF ZOOPLANKTON TIC	86
ON OF THE DUGONG MAHALL ECOLOGY AND BEHAVIOR ECOLOGY OF	MARKETING OF AGRICULTURAL CHEMICALS PARTICULARLY	1
WATER INTAKE SCREEN CLEAN PHYTOPLANKTON ECOLOGY; ALGAL	MARSUPIALS NORTER QUEENSLAND ECOLOGY AND CONSERV	60
CRITERIA ETIOLOGICAL CONTROL OF SIMULIUM DAMNOSUM IN VITRO	MARSUPIALS WESTERN AUSTRALIA ECOLOGY OF SAVANNA	60
NSPERS IN ECOSYSTEMS ADAPTATIONS OF PLANTS FOR HEAT AND	MASS CULTURES MARICULTURE ADVICE ON PERMANCY OF	56
OF SOLDIER FLIES DISPERSION MATING BEHAVIOR PHEROMONES	MASS PRODUCTION OF PATHOGENS OF INSECTS BIOLOGI	80
E SERVICE FRESHWATER FISHERIES AND WILDLIFE MANAGEMENT	MASS TRANSFERS WITH ENVIRONMENT LEAF SIZES IN YA	109
TO HOSPITALS FOOD PROCESSING FOOD HANDLING INDUSTRIES	MASS-REARING OF HOMOEOSOMA VAGELLA SUPPRESSION O	102
UNDER LABORATORY CONDITIONS TRIBOLIUM POPULATIONS	MASTER IN PUBLIC ADMINISTRATION PLANNING PROPOSA	154
DIER FLY BIOLOGICAL CONTROL OF SOLDIER FLIES DISPERSION	MASITIS CONTROL IMMUNOLOGICAL MICROBIOLOGY EN	40
ND NON-LIVING ORGANIC MATTER DYNAMICS NON-LIVING ORGANIC	MATHEMATICAL MODELS ON POPULATIONS OF TRIBOLIUM	147
RELEASE PHYTOPLANKTON PRODUCTION AND NON-LIVING ORGANIC	MATING BEHAVIOR PHEROMONES MASS-REARING OF HOHO	102
ONMENTAL AND POLLUTION RESEARCH PHYSIOLOGICAL ASPECTS OF	MATTER DYNAMICS IN DEEP OCEAN ECOLOGICAL STUDIES	22
ON WITH PLANT SUCCESSION POPULATION STUDY OF BIRDS OF THE	MATTER DYNAMICS NON-LIVING ORGANIC MATTER DYNAMI	22
LECTION Y METODOLOGIA PARA DETERMINACION CAPACIDAD DE USO	MATURATION IN FISH INTERDISCIPLINARY ANALYSIS OF	79
S ON SAMOA EFFECTS OF ZOOPLANKTON ON PHYTOPLANKTON SPECIE	MADRICIE NATIONAL PARK QUEBEC BIRDS OF PORILLON	37
AL BREEDING AND GENETICS ESPECIALLY GROWTH AND MILK AND	MAYOR DE LA TIERRA EN COLOMBIA LIFE ZONE SYSTEM	150
ROCKS-RESEARCH BASIN TRACER MOVEMENT IN SATURATED POROUS	MEASURING TUNA CANNERY EFFLUENT BY PHOTOGRAPHY	55
RODUCTION OF PATHOGENS OF INSECTS BIOLOGICAL CONTROL IN	MEAT PRODUCTION OF BUNINANTS BEEF PRODUCTION PBO	63
CE REPRODUCTIVE ECOLOGY OF AN ESTUARINE ACOEL SAND BEACH	MEDIA SUBSURFACE WASTE DISPOSAL GROUNDWATER; RE	81
ION CYCLES - EUTROPHICATION COTBE CHAR LAKE PROJECT LAKE	MEDICAL ENTOMOLOGY & AVIAN BLOOD PARASITOLOGY AV	80
COLOGY AND VERTEBRATE ECOLOGY NORTHERN GEORGIA LIMITS CP	MEIOPAONA ECOSYSTEM REPRODUCTIVE ECOLOGY OF MAR	149
POLISH PATE AND BEHAVIOR OF PESTICIDES IN NATURAL WATERS	MEMPHRETAGOG PROJECT ALGAL POPOLAT	72
PECTIS (INTENSITY AND QUALITY) AND TEMPERATURE EFFECTS ON	MERCURY POLLUTION PESTICIDE POLLUTION	135
AND EVOLUTION OF SAVANNAH SPARROWS SEASONAL VARIATION IN	MERRIAM K BAT IN PECOS RIVER PHYSIOLOGICAL E	130
PERSISTENCE OF MCS-3260 IN SOILS AND PLANTS PESTICIDES	METABOLISM AND PERSISTENCE OF MCS-3260 IN SOILS	101
RDIA PLANT PHYSIOLOGY AND SOIL STUDIES ESPECIALLY HEAVY	METABOLISM PATE AND BEHAVIOR OF PESTICIDES IN WA	101
ENVIRONMENTAL MONITORING OF TADU SOUND EFFECTS OF HEAVY	METABOLISM OF ALGAE AND THEIR EFFECTS ON ENERGY	159
	METABOLISM OF BLACK-CAPPED CRICKADEES GEOGRAPHY	123
	METABOLISM RESIDUES (SOILS WATERS PLANT) TOX	101
	METAL AND OTHER ENVIRONMENTAL POLLUTION INTERACT	32
	METAL CONTAMINATION OR MACROFAUNA PNC OF CANADA	46

TABLE 3. RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

INTERACTIONS OF ENVIRONMENTAL POLLUTANTS IN PLANTS AND ANIMALS IN NATURAL WATERS AND SEDIMENTS ACTION OF ORGANIC AND METALS ON GROWTH AND PHOTOSYNTHESIS OF ALGAE LI	42
RELATIONSHIP OF MUNICIPAL SEWAGE OF SALMON TOXICITY OF HEAVY METALS TO YOUNG SALMON EVALUATION OF EFFLUENT T	159
CONSERVATION DE RECURSOS NATURALES DEL PERU CLASSIFICACION Y	136
SS SYSTEMS ANALYSIS; GEOLOGY & SOIL PLANT ASSOC. AND LAND	150
LOGICAL SYSTEMS COAL PROPERTIES & EVALUATION LANDSLIDES IN	139
TERMINATION OF ANCIENT MAN BABIES TRANSFER FROM BATS TO	122
D BEHAVIOR OF CHLORINATED HYDROCARBONS IN NATURAL WATERS	151
ON OF ORGANIC AND METALLIC SALTS UPON AQUATIC AND MARINE	2
GAP AND AN OSTRACOD TERMOBIOLOGY AND	2
SHS IN THE DEEP SEA OBSERVATIONS ON PODOPTERIDAE VIGIL	163
ZEP STUDY	69
FOOD HANDLING INDUSTRIES BASTITIS CONTROL IMMUNOLOGICAL	131
REPERTOIRIO DE GIAN ETHNOBOTANY OF YAP ETHNOBIOLOGY OF	40
AND ECOLOGY ROLE OF TINTINIDS IN POOD WEBS UNIDENTIFIED	44
OF SENSE ORGANS ON FACEPLI ELECTRON	65
D ENVIRONMENT IN SOUTHERN SPAIN LAND USE CHANGE IN NATAL	3
RAVIO A ECOLOGY ECOLORADO PECCAFY IN THE ARIZONA DESERT	134
INTERNATIONAL AIRPORT AREA ECOLOGY BIRDS AIRPORT MONTREAL	4
MONITIES IN SUPARCTIC PESTICIDE EFFECTS ON BIRD ACTIVITY	31
R GROVES STUDY OF VEGETATION EXPOSED BANKS ALONG 360	152
ONS ANIMAL BREEDING AND GENETICS ESPECIALLY GROWTH AND	116
FISH IN BRACKISH AND FRESHWATER PONDS IMPROVED METHOD OF	63
YELLOW BIRCH REGENERATION BY TREATMENT EFFECT OF C.I.F.	23
PROTECTION OF FISHERY RESOURCES DETOXIFICATION OF KRAFT	11
PAK SEWERS UTAH MINE'S LTD. MARINE MONITORING CROFTON PULP	136
PLANTS AND SEWAGE RADIATION EFFECT STUDIES ON SPARGAROTIS	43
USE OF PLANTS GENERAL CONSERVATION USES	160
IOLOGY OF ZOOPLANKTON VICTORIA MARINE MONITORING GREENEX	13
ENVIRONMENTAL STUDY BIOLOGICAL & CHEMICAL MONITORING OF	86
MARINE MONITORING MARINE POLLUTION MONITORING PROGRAMS	46
RANGE REACTION RATE OF R+ ON 2:1 CLAYS RESEARCH IN CLAY	43
ON ABSORP SPECTROSCOPY ANALYSIS OF CARBON AND SULPHUR IN	49
TION OF ANCIENT MAN BABIES TRANSFER FROM BATS TO MICE IN	49
INDUSTRIAL DOMESTIC VICTORIA DISTRICT TRUNK SEWERS UTAH	151
RANGES IN THE FINAL PREPAREDNESS OF YELLOW PERCH WITH AGE	91
BHS APPLE APRIDS PEA APRIDS TOBACCO CUTWORMS INSECT AND	142
W AND POPULATION DYNAMICS OF SOIL ANIMALS ENERGY FLOW IN	98
APPLICATION OF URPA TO FOREST NITROGEN TRANSFORMATION	125
DS ELECTRO SENSITIVITY OF SALMON AND BELS ELECTRIC FIELD	127
AINING PROGRESS INFORMATION FLOW IN NEW YORK CITY'S EPA	26
ORY CONDITIONS TRIBOLIUM POPULATIONS MATHEMATICAL	147
NDWATER; RESEARCH ON SUBSURFACE WASTE DISPOSAL AND SOIL	81
MELL FISH DEGRADATION PLANT BIOLOGY OF COMMERCIAL BIVALVE	19
AM MINES LTD. MARINE MONITORING CROFTON PULP MILL MARINE	43
IC VICTORIA DISTRICT TRUNK SEWERS UTAH MINE'S LTD. MARINE	43
NE ZOOPLANKTON PHYSIOLOGY OF ZOOPLANKTON VICTORIA MARINE	86
OF CANADA LTD ENVIRONMENTAL STUDY BIOLOGICAL & CHEMICAL	46
GICAL & CHEMICAL MONITORING OF MINE WASTES ENVIRONMENTAL	46
NG CROFTON PULP MILL MARINE MONITORING MARINE POLLUTION	43
AND BIOLOGY OF THE OPECULATE DISCOMYCETES (PEZZIZALES)	113
ING BIRD SURVEY BIRD POPULATION STUDIES IN FORESTS NEW	31
ORTREAL INTERNATIONAL AIRPORT AREA ECOLOGY BIRDS AIRPORT	31
DIRECTOR OF RESEARCH CROP PRODUCTION AND EXPERIMENTAL	54
PERATURE SELECTION OF FISH FISH CULTURE FACTORS CAUSING	91
FOLLOWING BISECTION OF APICES ULTRASTRUCTURE OF CULTURED	68
OF THE S.W. U.S. ECOLOGY AND CO2 GAS EXCHANGE OF ARCTIC	100
TS ECOLOGY OF LEAF ROLLERS LARVAL COMPETITION OF COCLING	87
W WILLARA HARBOR NAVIGATION ENVIRONMENTAL STATEMENT	93
ND EMENT CENSUSING WILDLIFE GOLDEN EAGLE POPULATION STUDIES	106
SONI IN THE SHEEP RIVER ALBERTA BEHAVIORAL RESPONSES OF	148
PRODUCTION ECOLOGY ECOLOGICAL SURVEY TROPICAL	20
D WILDLIFE RESEARCH IMPACT OF HUNTING ON A POPULATION OF	87
GROUNDWATER-FRACTURED CRIS. ROCKS-RESEARCH BASIN TRACER	81
SERVOIR QUATERNARY & ECOLOGICAL INVESTIGATIONS - OGILVIE	122
CPHPT WILLARA HARBOR NAVIGATION ENVIRONMENTAL STATEMENT	93
OF KRAFT MILL EFFLUENT BY AN AERATED LAGOON TOXICITY OF	136
EFFECTS OF NATURAL TOXINS ON NERVE AND	105
NA AQUATIC ENTOMOLOGY LIMNOLOGY AND WATER POLLUTION ARE	160
USE AND ENVIRONMENT IN SOUTHERN SPAIN LAND USE CHANGE IN	3
N SURVEY SOIL AND LAND CLASSIFICATION OF WATERBORN LAKES	27
CRIDARBAN DESERT VEGETATION OF DRAINAGE BASIN IN JASPER	61
S OF LA MAURICIE NATIONAL PARK QUEBEC BIRDS OF PORTILLON	37
LANT SUCCESSION POPULATION STUDY OF BIRDS OF LA MAURICIE	37
IES MANAGEMENT AND ADMINISTRATOR DEVELOPMENT OF WALLEYE	66
S WASR. ALPINE-SUBALPINE COMMUNITIES CASCADE RANGE WA	39
ZARDS RUNNING WATER ECOLOGY BIRD ECOLOGY CONSERVATION	152
WILDLIFE RESEARCH AND GENERAL ADMINISTRATION OF IARD AND	112
EFFECTS OF	105
BOMS IN NATURAL WATERS MICROBE-POLLUTANT INTERACTIONS IN	2
ED REPATIC METABOLISM RATE AND BEHAVIOR OF PESTICIDES IN	101
PROBES; PATE AND BEHAVIOR OF CHLORINATED HYDROCARBONS IN	2
ELECTRIC POWER PROJECT POLITICA DE CONSERVACION DE RECURSOS	150
FERTILIZER EFFECT OR PRODUCTIVITY IN LAKE ST. CLAIR TRE	159
PETAL STUDIES IN PLANTS AND SOILS CYTOLOGICAL ST	42
METALLIC SALTS UPON AQUATIC AND MARINE MICROBES;	2
METALS ON GROWTH AND PHOTOSYNTHESIS OF ALGAE LI	159
METALS TO YOUNG SALMON EVALUATION OF EFFLUENT T	136
METODOLOGIA PARA DETERMINACION CAPACIDAD DE USO	150
MET. RELATIONSHIPS SURFACE GEOLOGY SOIL RELATION	139
MICA RESERVOIR QUATERNARY & ECOLOGICAL INVESTIGATION	122
MICE IN MINES AND CAVES MAMMAL ECOLOGY SPECIES	151
MICROBE-POLLUTANT INTERACTIONS IN NATURAL WATERS	2
MICROBES; PATE AND BEHAVIOR OF CHLORINATED HYDRO	2
MICROBIAL ECOLOGY ECOLOGY OF TWO THERMOPHILIC AL	163
MICROBIOLOGY OF DEEP-SEA PELAGIC ENVIRONMENT AND	69
MICROBIOLOGY OF FOREST SOIL SLOW RELEASE FERTILIZ	131
MICROBIOLOGY ENVIRONMENTAL SANITATION ESPECIAL	40
MICRONESIA FLOPA OF THE NORTHERN MARIANA ISLANDS	44
MICROORGANISMS IN THE DEEP SEA OBSERVATIONS ON P	69
MICROSCOPY OF INSECT SENSE ORGANS ULTRASTRUCTURE	65
MIDLANDS SOUTH AFRICA APPLICATION OF ECOSYSTEM	3
MIGRATION & BEHAVIOR OF WHISTLING SWAN ORNITHOLO	134
MIGRATION FLYWAY OF SHORE BIRDS EASTERN-QUEBEC	4
MIGRATORY BIRDS AS AIR TRAFFIC HAZARDS RUNNING	152
MILPS OF NORTHERN RAILROAD FOREST ECOLOGY EFFECT	116
MILK AND MEAT PRODUCTION OF DOMINANTS BEEF PRODU	63
MILKPIPER CULTURE CULTURE OF	23
MILL CLOSURE ON ONTARIO WOOD PRODUCERS EFFECT O	11
MILL EFFLUENT BY AN AERATED LAGOON TOXICITY OF M	136
MILL MARINE MONITORING MARINE POLLUTION MONITOR	43
MILLERIANA AQUATIC ENTOMOLOGY LIMNOLOGY AND WAT	160
MINE VEGETATION SAND DUNE STAB. SHORELINE REVEG.	13
MINE SURVEY PHYSIOLOGY OF MARINE ZOOPLANKTON PH	86
MINE WASTES ENVIRONMENTAL MONITORING OF TASU SOUN	46
MINE INDUSTRIAL DOMESTIC VICTORIA DISTRICT TRU	43
MINERALOGY SOIL SCIENCE AND INORGANIC CHEMISTRY	49
MINEBIOLOGY AND ROCKS INTERCHANGE REACTION RATE O	49
MINES AND CAVES MAMMAL ECOLOGY SPECIES TO COMM	151
MINES LTD. MARINE MONITORING CROFTON PULP MILL M	43
MIRIMIZING POLLUTION CAUSED BY DEAD ALEWIVES ON	91
MITE ECOLOGY ORCHARD APPLE PEA APRID ECOLOGY	142
MITES OF AN ASPEN WOODLAND EFFECT OF RADIATION O	98
MOBILITY AND AVAILABILITY IN FOREST SOILS NITRO	125
MODELING IN THE OCEAN ULTRASTRUCTURE AND ITS PIE	127
MODELING ANALYSIS OF ECOSYSTEM PROCESSES FOR US	26
MODELS ON POPULATIONS OF TRIBOLIUM UNDER LABORAT	147
MOISTURE; GROUND WATER-STREAMFLOW INTERACTIONS G	81
MOLLUSCS VARIOUS ASPECTS OF PARASITIC DISEASES I	19
MONITORING MARINE POLLUTION MONITORING PROGRAMS	43
MONITORING CROFTON PULP MILL MARINE MONITORING	43
MONITORING GREENEX MINE SURVEY PHYSIOLOGY OF MA	86
MONITORING OF MINE WASTES ENVIRONMENTAL MONITORI	46
MONITORING OF TASU SOUND EFFECTS OF HEAVY METAL	46
MONITORING PROGRAMS MINE INDUSTRIAL DOMESTIC	43
MONOGRAPHIC STUDIES OF PSILOPEZIA AND PACHYELLA	113
MONTREAL INTERNATIONAL AIRPORT AREA ECOLOGY BIRD	31
MONTREAL MIGRATION FLYWAY OF SHORE BIRDS EASTERN	31
MORPHOGENESIS PHYSIOLOGIST DIRECTOR OF RESEARCH	54
MORTALITY IN ALEWIVES IN LAKE ONTARIO CHANGES IN	91
MOSS CELLS PLANT ANATOMY PLANT ULTRASTRUCTURE	68
MOSSSES ECOLOGY AND PHOTOSYNTHESIS PATTERNS OF SU	100
MOYH APPLIED ECOLOGY OF INSECT	87
MOUNTAIN DAM ENVIRONMENTAL STATEMENT EDIZ ROOK B	93
MOUNTAIN LION HABITAT ANALYSIS PRAIRIE FALCON S	106
MOUNTAIN WHITEFISH AND EASTERN BROOK TROUT ECOLO	148
MOUNTAINS	20
MOUSE EFFECT OF PREDATORS ON NESTING DUCKS CHIP	87
MOVEMENT IN SATURATED POROUS MEDIA SUBSURFACE WA	81
MTRS. TUKON GEOLOGY OF LANDFORMS AND SOBCIAL	122
MUD MOUNTAIN DAM ENVIRONMENTAL STATEMENT EDIZ HO	93
MUNICIPAL SEWAGE OF SALMON TOXICITY OF HEAVY MET	136
MUSCLE SYSTEMS	105
MY GREATEST COMPETENCE ECOLOGICAL AND AQUATIC IN	160
NATAL MIDLANDS SOUTH AFRICA APPLICATION OF ECOS	3
NATIONAL PARK SOIL GENESIS CLASSIFICATIO	27
NATIONAL PARK VEGETATION OF N. TUKON ANALYSIS O	61
NATIONAL PARK QUEBEC POPULATION ECOLOGY OF BIR	37
NATIONAL PARK QUEBEC BIRDS OF PORTILLON NATIONAL	37
NATURAL BEARING AREAS LAKE DAUPHIN WATER LEVEL R	66
NATURAL RESEARCH AREA SURVEY PLANT COMMUNITY EC	39
NATURAL RESOURCES RUNNING WATER ANIMAL COMMUNITI	152
NATURAL RESOURCES STUDY OF GUAM DOYES STUDY OF P	112
NATURAL TOXINS ON NERVE AND MUSCLE SYSTEMS	105
NATURAL WATERS AND SEDIMENTS ACTION OF ORGANIC	2
NATURAL WATERS METABOLISM AND PERSISTENCE OF NCS	101
NATURAL WATERS MICROBE-POLLUTANT INTERACTIONS IN	2
NATURALES DEL PERU CLASSIFICACION Y METODOLOGIA PAR	150
NATURE OF PHOTOSYNTHATE IN PRYTOPLANKTON POPULAT	159

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

LAND AND WATER	INTERGRATING NATURE PROTECTION WITH THE DEVELOPMENT AND USE OF	53
ASSOCIATED WITH WATER RESOURCE DEVELOPMENT WILLARA HARBOUR	NAVIGATION ENVIRONMENTAL STATEMENT MUD MOUNTAIN	93
STICIDES IN NATURAL WATERS METABOLISM AND PERSISTENCE OF	NOB-3260 IN SOILS AND PLANTS PESTICIDES METABO	101
STUDY OF GHA DAVES STUDY OF FROG RATS COMPILATION OF	NEEDS LAND USE LEGISLATION AND REGULATIONS WIL	112
STUDIES ON THE JAPANESE CRANE BIOLOGICAL EXPEDITION OF	NEPAL HIMALAYA LIFE HISTORY AND POPULATION DINA	62
EFFECTS OF NATURAL TOXINS ON	NERVE AND MUSCLE SYSTEMS	105
BEHAVIOR AND ANIMAL COMMUNICATION SOCIAL STIMULI AND	NEST BUILDING IN THE ZEBRA FINCH EFFECTS OF AGON	41
HUNTING ON A POPULATION OF MOUSE EFFECT OF PREDATORS ON	NESTING DUCKS CHIP LAKE WILDLIFE - INVENTORY WIT	87
S OF EASTERN BLUEBIRD BANDING STUDY	NESTING ECOLOGY OF EASTERN BLUEBIRD VOCALIZATION	115
IPS AND CORRELATION OF ASSOCIATED ENVIRONMENTAL FACTORS.	NET PRODUCTION AND ENERGY CHANGES IN CHINARDAN	61
ANSFORMATION MOBILITY AND AVAILABILITY IN FOREST SOILS	NITROGEN IN SOIL WATER CHRISTMAS TREE FERTILIZAT	125
SECTION LARGE SCALE AERIAL APPLICATION OF UREA TO FOREST	NITROGEN TRANSFORMATION MOBILITY AND AVAILABIL	125
ECOLOGY, NOW EMPLOYED BY PENNSYLVANIA GAME COMMISSION	NO RESEARCH EXPERIENCES BACHELORS'S DEGREE IN W	74
OF NUTRIENT REQUIREMENTS OF CROPS INCLUDING TOXICITY OF	NON NUTRIENT ELEMENTS LAND DISPOSAL OF SEWAGE SL	9
E OF ENTOMOLOGY RESEARCH LAB. ENTOMOLOGY EXPERT HUNGARY	NON-CHEMICAL METHODS OF INSECT CONTROL STERILE	18
ANTON PRODUCTION AND NON-LIVING ORGANIC MATTER DYNAMICS	NON-LIVING ORGANIC MATTER DYNAMICS IN DEEP OCEAN	22
AND EXTRA-CELLULAR RELEASE PHYTOPLANKTON PRODUCTION AND	NON-LIVING ORGANIC MATTER DYNAMICS NON-LIVING OR	22
ZOOLOGIC DISEASE ZOONESES OF INDONESIA INTRODUCTION OF	NONINOCUOUS SCHISTOSOMIASIS IN CELEBES EPIDEMIOLO	153
MONTREAL MIGRATION FLWAY OF SHORE BIRDS EASTERN-QUEBEC	NORTH AMERICA BREEDING BIRD SURVEY BIRD POPULAT	31
BIOLOGICAL SURVEY PROGRAM ECOLOGICAL SURVEY OF BIRDS OF	NORTH CHILE POPULATION ESTIMATES AND ECOLOGICAL	92
STERN AUSTRALIA ECOLOGY OF SAVANNAH WOODLAND MARSHALS	NORTH OZENSLAND ECOLOGY AND CONSERVATION OF THE	60
ELTRES JAMES BAY RYDRO DEVELOPMENT ENVIRONMENTAL IMPACT	NORTHERN ECOSYSTEMS WITH PARTICULAR REFERENCE TO	6
S RIVER PHYSIOLOGICAL ECOLOGY AND VERTEBRATE ECOLOGY	NORTHERN GEORGIA LIMITS OF PERRIAM F RAT IN PECO	130
COLOGY OF LARGE MAMMALS ESPECIALLY CARNIVORES ECOLOGY OF	NORTHERN INTERIOR GRIZZLY BEAR	2
NOBANY OF YAP ETHNOBIOLOGY OF MICRONESIA PLOPA OF THE	NORTHERN MARIANA ISLANDS HERPETOPADNA OF GUAM ET	111
REFERENCE TO WILDLIFE MANAGEMENT ENVIRONMENTAL IMPACT OF	NORTHERN PIPELINES JAMES BAY RYDRO DEVELOPMENT E	44
STUDY OF PVEGETATION EXPOSED BANKS ALONG 360 MILES OF	NORTHERN RAILROAD FOREST ECOLOGY EFFECT OF CHAN	6
NASKIS VALLEY OF ALBERTA CANADA DESERT CREEP CONTROL IN	NORTHERN SUDAN GARDDU HARD SOIL RECLAMATION IN W	116
RCH EXPERIENCES BACHELORS'S DEGREE IN WILDLIFE BIOLOGY	NOW EMPLOYED BY PENNSYLVANIA GAME COMMISSION NO	73
LOCAL EFFECTS ON AQUATIC ECOLOGY EFFECTS OF ATMOSPHERIC	NUCLEAR TESTS ON SAMOA EFFECTS OF ZOOPLANKTON OR	74
NESTICIDE JOINT ACTION INSECT TOXICOLOGY DERMAPTERA	NUMERICAL TAXONOMY FOREST ENTOMOLOGY EVOLUTIONA	55
ONY OF WBR-SPINNING SAMPLES SURVEY OF INSECTS IN FOREST	NUTRIENTS INSECT TAXONOMY AND BIONOMICS TEMPERA	129
NUTRIENT REQUIREMENTS OF CROPS INCLUDING TOXICITY OF NON	NUTRIENT ELEMENTS LAND DISPOSAL OF SEWAGE SLUDGE	42
DISPOSAL OF SEWAGE SLUDGE LAND RECLAMATION EVALUATION OF	NUTRIENT REQUIREMENTS OF CROPS INCLUDING TOXICIT	9
CLIMATIC ZONES AG SECTOR ANALYSIS CROP RESPONSE TO PLANT	NUTRIENTS-SEWER CROPS TROP-TEMPER. EL/SALVADOR PD	158
T OF ARCTIC REGIONS SURVEY FISHERY IMPACT ON GREAT LAKES	NWT FISHERIES DEVELOPMENT TASK FORCE FISHERIES	126
LATION ESTIMATES AND ECOLOGICAL SURVEYS OF BIRDS PACIFIC	OCEAN BIOLOGICAL SURVEY PROGRAM ECOLOGICAL SURVE	92
TER DYNAMICS NON-LIVING ORGANIC MATTER DYNAMICS IN DEEP	OCEAN ECOLOGICAL STUDIES OF IRSHORE WATERS OF AT	22
TIVITY OF SALMON AND EELS ELECTRIC FIELD MODELING IN THE	OCEAN ULTRASTRUCTURE AND ITS FIELD EFFECTS ENER	127
MANAGEMENT ESTUARINE MANAGEMENT AQUACULTURE BIOLOGICAL	OCEANOGRAPHY INCLUDING THE CHEMISTRY OF MARINE O	110
TRACE ELEMENT CHEMISTRY OF	OCEANS E. IN PARTICULAR OF ANOXIC SYSTEMS	48
AND POLLUTION OF MAPLE SUGAR GROVES STUDY OF VEGETATION	EXPOSED BANKS ALONG 360 MILES OF NORTHERN RAIL	116
MICA RESERVOIR QUATERNARY & ECOLOGICAL INVESTIGATIONS -	OGILVIE MTHS. UKON GEOLOGY OF LANDFORMS AND S	122
OIL POLLUTION AND EFFECTS ON MARINE ORGANISMS EFFECT OF	OIL ON MARINE PHYTOPLANKTON PHOTOSYNTHESIS	119
ECTA LEADING TO EVOLUTIONARY AND BIOGEOGRAPHICAL STUDIES	OIL PALM INSECT PEST SURVEY WEST NEW BRITAIN CA	104
EFFECT OF OIL ON MARINE PHYTOPLANKTON PHOTOSYNTHESIS	OIL POLLUTION AND EFFECTS ON MARINE ORGANISMS EF	119
ION WATER POLLUTION	OIL POLLUTION MERCURY POLLUTION PESTICIDE POLLUT	135
SEED STOCKS SEED BRIPRICATION & INCREASE OF CEREALS AND	OIL SPEEDS INCLUDES WINTER INCREASE IN CALIPORRI	15
BATION STUDIES ARCTIC ENVIRONMENTAL MANAGEMENT PANARCTIC	OILS ARCTIC ENVIRONMENTAL MANAGEMENT SURVEY ENVI	14
LIMNOLOGY ESTUARINE ECOLOGY WATER RESOURCE MANAGEMENT	OKANAGAN WATER RESOURCE MANAGEMENT STUDY ESTHARI	146
SONY CAMPUS ECOLOGY & DESIGN 406 HIGHWAY IMPACT STUDI	OKRAPI COUNTY SYSTEMS ECOLOGY RELATED TO URBAN	38
STEM OF A CHACA CHACA STUDIES ON THE DIGESTIVE ORGANS OF	ONFCK BINACULATUS HISTO-MORPHOLOGY AND CYTOLOGY	33
GENERATION BY TREATMENT EFFECT OF C.I.P. MILL CLOSURE ON	ONTARIAN WOOD PRODUCERS EFFECT OF UREA FERTILIZE	31
SR CULTURE FACTORS CAUSING MORTALITY IN ALWEIFES IN LAKE	ONTARIO CHANGES IN THE FINAL PREFERENDUM OF TELL	91
LIST OF CARIBBEAN PEZIZALES TAXONOMY AND BIOLOGY OF THE	OPERCULATE DISCONTICETES (PEZIZALES) MONOGRAPHIC	113
DS PEA APHIDS TOBACCO CUTWORMS INSECT AND WITE ECOLOGY	ORCHARD APPLE PEA APHID ECOLOGY TOBACCO CUTWOR	142
OF CANADIAN AGRICULTURAL PESTS PARASITES & PREDATORS CP	ORCHARD PESTS PEST MANAGEMENT BIOLOGICAL CONTR	10
	ORGANISM; POPULATION	141
INTERACTIONS IN NATURAL WATERS AND SPDMENTS ACTION OF	ORGANIC AND METALLIC SALTS UPOR AQUATIC AND MARI	2
SECTION AND NON-LIVING ORGANIC MATTER DYNAMICS NON-LIVING	ORGANIC MATTER DYNAMICS IN DEEP OCEAN ECOLOGICAL	22
ELLULAR RELEASE PHYTOPLANKTON PRODUCTION AND NON-LIVING	ORGANIC MATTER DYNAMICS NON-LIVING ORGANIC MATTE	22
ORGAN;	ORGANISM; POPULATION	141
OPADNA ECOSYSTEM REPRODUCTIVE ECOLOGY OF MARINE BERTHIC	ORGANISMS AND DISTRIBUTION ABUNDANCE REPRODUCTIV	149
IOLOGICAL OCEANOGRAPHY INCLUDING THE CHEMISTRY OF MARINE	ORGANISMS AND THE RELATIONSHIP BETWEEN TROPIC L	110
PHOTOSYNTHESIS OIL POLLUTION AND EFFECTS ON MARINE	ORGANISMS EFFECT OF OIL ON MARINE PHYTOPLANKTON	119
LOGY TAXONOMY AND SECONDARY PRODUCTION OF ZOOPLANKTON	ORGANISMS EFFECT OF THERMAL EFFLUENT OF BIOTA RE	52
PAY, CEBU POPULATION AND PRODUCTION ECOLOGY OF AQUATIC	ORGANISMS PRIMARILY FISH SURVEY OF ZOOPLANKTON	95
IGESTIVE SYSTEM OF A CHACA CHACA STUDIES ON THE DIGESTIVE	ORGANS OF OMPK BINACULATUS HISTO-MORPHOLOGY AND	33
RES HISTO-MORPHOLOGY & HISTO-CHEMISTRY OF THE DIGESTIVE	ORGANS OF TELEOSTEAN FISHES STUDIES ON THE OIGES	33
ICROSCOPY OF INSECT SENSE ORGANS ULTRASTRUCTURE OF SENSE	ORGANS ON FACEPLY ELECTRON M	65
ELECTRON MICROSCOPY OF INSECT SENSE	ORGANS ULTRASTRUCTURE OF SERSE ORGANS ON FACEPLY	65
INVENTORY WITH RECOMMENDATIONS FOR MANAGEMENT MANAGEMENT	ORIENTATED WILDLIFE RESEARCH IMPACT OF HUNTING O	87
ATION OF ANIMALS; EVOLUTION AND SYSTEMATICS EVOLUTION OF	ORIOLES GEOGRAPHIC VARIATION AND EVOLUTION OF SA	123
BE ARIZONA DESERT MIGRATION & BEHAVIOR OF WHISTLING SWAN	ORRITHOLOGICAL INVESTIGATION OF THE PROPOSED TRA	134
ENDOCRINOLOGY PARTICULARLY REPRODUCTIVE ARCTIC AND BOREAL	ORNITHOLOGY & MAMMLOGY REPORT ON BIRDS LAKE AT H	64
CROBIAL ECOLOGY ECOLOGY OF TWO THERMOPHILIC ALGAE AND AN	OSTRACOD THERMOBIOLOGY AND MI	163
IVALVE MOLLUSCS VARIOUS ASPECTS OF PARASITIC DISEASES IN	OYSTER POPULATIONS BACTERIAL AND VIRAL CONTAMINA	19
GYS ECOLOGY CONTROL OF DIPTERA ON LIVESTOCK TAXONOMY OF	PACHYBRACHIS TAXONOMY BIOLOGY ZOOGEOGRAPHY OF	5
YCETES (PEZIZALES) MONOGRAPHIC STUDIES OF ESTILOPEZIA AND	PACHYBRALLA CHECK LIST OF CARIBBEAN PEZIZALES TAX	113
VIL HYPERA POSTICA AGRICULTURAL INSECTS OF TONGA SOUTH	PACIFIC AGRICULTURAL INSECT BIOLOGY AND CONTROL	85
LE BRITISH HONOURAS SIGANID CULTURE TECHNIQUES IN THE SO	PACIFIC FISH BEHAVIOR AND TAXONOMY ARE THE FIEL	58
LE POPULATION ESTIMATES AND ECOLOGICAL SURVEYS OF FIPDS	PACIFIC OCEAN BIOLOGICAL SURVEY PROGRAM ECOLOGIC	92
TS OF MARINE BENTHIC SUSPENSION FEEDERS FAUNAL SURVEY OF	PACIFIC SUBMARINE CAVES DEEP SUBMERSSIBLE SURVEY	121
PHEMT WITH LEAST ENVIRONMENT POLLUTION WILD BOAR IN WEST	PAKISTAN PESTICIDES AND PRODUCTION PROBLEMS DEVE	24
S SUPERVISING C.I.L.B.C. STAFF IN EUROPE TRINIDAD INDIA	PAKISTAN MALAYA AND WEST APICA ARGENTINA. B	140

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

LEADING TO EVOLUTIONARY AND BIOGEOGRAPHICAL STUDIES OIL	PALM INSECT PEST SURVEY WEST NEW BRITAIN CACAO	104
ND PERTURBATION STUDIES ARCTIC ENVIRONMENTAL MANAGEMENT	PANARCTIC OILS ARCTIC ENVIRONMENTAL MANAGEMENT S	14
P OMKOP BIVOLVULATUS HISTO-MORPHOLOGY AND CYTOLOGY OF THE	PANCREAS OF SOME TELEOSTEAN FISHES HISTO-MORPHO	33
DE RECURSOS NATURALES DEL PERU CLASIFICACION Y METODOLOGIA	PARA DETERMINACION CAPACIDAD DE USO MAYOR DE LA	150
ISHERY MANAGEMENT PRACTICES BIOL. RECREATIONAL AND ECON.	PARAMETER OF A STREAM FISHERY ANALYSIS OF FISH I	81
BIOLOGIST AQUATIC BIOLOGIST FISHERY POPULATION	PARAMETERS AND COMMUNITY RELATIONSHIPS FISHERIES	28
OGICAL CONTROL EVALUATION OF CANADIAN AGRICULTURAL PESTS	PARASITES & PREDATORS OF ORCHARD PESTS PEST MAN	10
TOLOGY OF COMMERCIAL BIVALVE MOLLUSCS VARIOUS ASPECTS OF	PARASITIC DISEASES IN OYSTER POPULATIONS BACTERI	19
BIOLOGICAL CONTROL IN MEDICAL ENTOMOLOGY & AVIAN BLOOD	PARASITOLOGY AVIAN HAEMATOZOA AS ENVIRONMENTAL Q	80
INCH EFFECTS OF AGONISTIC DISPLAYS IN BARBUS STOLICKANUS	PARENTAL BEHAVIOR OF COPELINA ARNOLDI VERTEBRATE	41
SOIL AND LAND CLASSIFICATION OF WATERBORN LAKES NATIONAL	PARK SOIL GENESIS CLASSIFICATION SURVEY	27
N DESERT VEGETATION OF DRAINAGE BASIN IN JASPER NATIONAL	PARK VEGETATION OF N. YUKON ANALYSIS OF PLANT C	61
ADRIQUE NATIONAL PARK QUEBEC BIRDS OF PORTILLON NATIONAL	PARK QUEBEC POPULATION ECOLOGY OF BIRDS IN REL	37
ESION POPULATION STUDY OF BIRDS OF LA MAURICIE NATIONAL	PARK QUEBEC BIRDS OF PORTILLON NATIONAL PARK QU	37
OGY PRODUCTIVITY AND DYNAMICS OF TERRESTRIAL ECOSYSTEMS	PARTICULARLY FORESTS	ECOL 104
RTS IN B.C. ADAPTION OF AFRICAN MAMMALS TO ENVIRONMENT	PARTICULARLY GIRAPPE; ALSO INSULAR PROBLEMS DIFE	50
CTIC BRYOPHYTES ECOLOGY AND SYSTEMATICS OF BRYOPHYTES	PARTICULARLY IN POLAR REGIONS PRODUCTIVITY OF AR	156
RCH DEVELOPMENT AND MARKETING OF AGRICULTURAL CHEMICALS	PARTICULARLY PESTICIDES CONTROL OF RICE INSECT P	1
D SEASONAL COLOR CHANGE HARES & BTARNIGAN ENDOCRINOLOGY	PARTICULARLY REPRODUCTIVE ARCTIC AND BOREAL ORNI	64
WOMY PEDOLOGY OF REVEGETATION OF DAMAGED AREAS CASCADE	PASS WASH. ALPINE-SUBALPINE COMMUNITIES CASCAD	39
CONTROL OF SIMULIUM DAMNOSUM IN VITRO MASS PRODUCTION OF	PATHOGENS OF INSECTS BIOLOGICAL CONTROL IN MEDI	80
CGY OF TRICHAMONIASIS IN DOVES WATERPOW	PATHOLOGY LEAD POISONING IN WATERPOWL EPIZOOTIO	138
GAS EXCHANGE OF ARCTIC MOSSES ECOLOGY AND PHOTOSYNTHESIS	PATTERNS OF SUBARCTIC PLANTS PHYSIOLOGICAL PLAN	100
OBACCO CUTWORMS INSECT AND MITE ECOLOGY ORCHARD APPLE	PEA APHID ECOLOGY TOBACCO CUTWORMS APPLE APHIDS	142
APPLE PEA APHID ECOLOGY TOBACCO CUTWORMS APPLE APHIDS	PEA APHIDS TOBACCO CUTWORMS INSECT AND MITE ECO	142
GY & HANMLOGY REPORT ON BIRDS LAKE AT HABASCA REGION POR	PEACE ATHABASIA RIVER DELTA PROJECT HORMONES AND	64
N PIPELINE STUDY OF ANIMAL BEHAVIOR & ECOLOGY COLLARED	PECCARY IN THE ARIZONA DESERT MIGRATION & BEHAVI	134
RATE ECOLOGY NORTHERN GEORGIA LIMITS OF MERRIAM K RAT IN	PECOS RIVER PHYSIOLOGICAL ECOLOGY AND VERTEB	130
VARIETIES - WINTER IN CALIFORNIA VARIETY VERIFICATION CP	PEODIGREED SEED STOCKS SEED PURIFICATION & INCRE	15
TY ECOLOGY - STRUCTURE DYNAMICS COMPOSITION; TAXONOMY	PEDOLOGY OF REVEGETATION OF DAMAGED AREAS CASC	39
VATIONS ON PODOPTHALMUS VIGIL MICROBIOLOGY OF DEEP-SEA	PELAGIC ENVIRONMENT AND PHYTOPLANKTON TAXONOMY A	69
GI OF PERCH OF LAC LEHMAN INTERNAL TEMPERATURES ANTARCTIC	PENGLINS ARTHROPOD ECOLOGY CAPE HORN ISLANDS AQ	16
BACHELON'S DEGREE IN WILDLIFE BIOLOGY NOW EMPLOYED BY	PENNSYLVANIA GAME COMMISSION NO RESEARCH EXPERI	74
(ANIMAL) OF WATERS POLLUTED BY HUMAN WASTES ECOLOGY OF	PERCH OF LAC LEHMAN INTERNAL TEMPERATURES ANTARCT	91
LAKE ONTARIO CHANGES IN THE FERAL PREFERENDUM OF YELLOW	PERCH WITH AGE MINIMIZING POLLUTION CAUSED BY DE	16
ALITY DEVELOPMENT OF COMMERCIAL PLANT BREEDING BREEDING	PERENNIAL FORAGE SPECIES DEVELOPMENT OF HYBRIDS	25
NTON ECOLOGY; ALGAL MASS CULTURES MARICULTURE ADVICE ON	PERMANENCY OF DREDGING OPERATION IN REEF LAGOON S	56
OL OF RICE INSECT PESTS WITH DOW INSECTICIDES CONTROL OF	PERENNIAL GRASSES IN APPRESTATION AREAS CONTROL	1
NT ON WEED SEEDS ECOLOGICAL LIFE HISTORIES OF PERSISTENT	PERENNIAL WEEDS EFFECT OF ENVIRONMENT (BIOLOGI	166
BEHAVIOR OF PESTICIDES IN NATURAL WATERS METABOLISM AND	PERSISTENCE OF NCS-3260 IN SOILS AND PLANTS PES	101
ENVIRONMENT ON WEED SEEDS ECOLOGICAL LIFE HISTORIES OF	PERSISTENT PERENNIAL WEEDS EFFECT OF ENVIRONMEN	166
ARCTIC AND ALPINE PLANT ECOLOGY AND ARCTIC ECOSYSTEM AND	PERTURBATION STUDIES ARCTIC ENVIRONMENTAL MANAGE	14
PROJECT POLITICA DE CONSERVACION DE RECURSOS NATURALES DEL	PERU CLASIFICACION Y METODOLOGIA PARA DETERMINACIO	150
ICAL AND BIOLOGICAL EFFECTS ON POPULATIONS AS RELATED TO	PEST CONTROL POPULATION DYNAMICS OF SUGARCANE PE	97
RICULTURAL PESTS PARASITES & PREDATORS OF ORCHARD PESTS	PEST MANAGEMENT BIOLOGICAL CONTROL INSECT SYST	10
EVOLUTIONARY AND BIOGEOGRAPHICAL STUDIES OIL PALM INSECT	PEST SURVEY WEST NEW BRITAIN CACAO WEEVIL SYST	144
RESOURCES RUNNING WATER ANIMAL COMMUNITIES IN SUBARCTIC	PESTICIDE EFFECTS ON BIRD ACTIVITY MIGRATORY BIR	152
ILS WATERS PLANT) TOXICOLOGY (HEPATIC DYSFUNCTION AND	PESTICIDE INTERACTIONS) SIGNIFICANCE OF PESTICID	101
WATER POLLUTION OIL POLLUTION MERCURY POLLUTION	PESTICIDE POLLUTION	135
DYSFUNCTION AND PESTICIDE INTERACTIONS) SIGNIFICANCE OF	PESTICIDE RESIDUES IN MAN AND ANIMALS WITH IMPAI	101
R LEAST ENVIRONMENT POLLUTION WILD BOAR IN WEST PAKISTAN	PESTICIDES AND PRODUCTION PROBLEMS DEVELOPMENT A	24
ENT AND MARKETING OF AGRICULTURAL CHEMICALS PARTICULARLY	PESTICIDES CONTROL OF RICE INSECT PESTS WITH DOW	1
LS WITH IMPAIRED HEPATIC METABOLISM RATE AND BEHAVIOR OF	PESTICIDES IN NATURAL WATERS METABOLISM AND PERS	101
ABOLISH AND PERSISTENCE OF NCS-3260 IN SOILS AND PLANTS	PESTICIDES METABOLISM RESIDUES (SOILS WATERS	101
ECOLOGY AND CONTROL OF VERTEBRATE	PESTS	45
DIAN AGRICULTURAL PESTS PARASITES & PREDATORS OF ORCHARD	PESTS PEST MANAGEMENT BIOLOGICAL CONTROL INSE	10
ND WEST AFRICA, ARGENTINA. BIOLOGICAL CONTROL OF INSECT	PESTS AND WEEDS SUPERVISING C.I.B.C. STAFF IN BU	140
RELATED TO PEST CONTROL POPULATION DYNAMICS OF SUGARCANE	PESTS BIOLOGY OF THE WEST INDIAN ROOT BORER WEEV	97
P BIOLOGICAL CONTROL EVALUATION OF CANADIAN AGRICULTURAL	PESTS PARASITES & PREDATORS OF ORCHARD PESTS PE	10
CHEMICALS PARTICULARLY PESTICIDES CONTROL OF RICE INSECT	PESTS WITH DOW INSECTICIDES CONTROL OF PERENNIAL	1
DIES OF PSILOPEZIA AND PACHTELLA CHECK LIST OF CARIBBEAN	PEZIZALES TAXONOMY AND BIOLOGY OF THE OPERCULAT	113
AL CONTROL OF SOLDIER FLIES DISPERSION MATING BEHAVIOR	PEROMYSES MASS-REARING OF HOMOMYSOMA VAGELLA SU	102
N PHYTOPLANKTON SPECIE MEASURING TUNA CANNERY EFFLUENT BY	PHOTOGRAPHY CULTURAL EFFECTS ON AQUATIC ECOLOGY	55
R EFFECT OR PRODUCTIVITY IN LAKE ST. CLAIR LA TATURE OF	PHOTOSYNTHATE IN PHYTOPLANKTON POPULATIONS IN RE	159
N MARINE ORGANISMS EFFECT OF OIL ON MARINE PHYTOPLANKTON	PHOTOSYNTHESIS OIL POLLUTION AND EFFECTS O	119
O LIGHT QUALITY THE EFFECT OF TRACE METALS ON GROWTH AND	PHOTOSYNTHESIS OF ALGAE LIGHT EFFECTS (INTENSIT	159
COLOGY AND CO2 GAS EXCHANGE OF ARCTIC MOSSES ECOLOGY AND	PHOTOSYNTHESIS PATTERNS OF SUBARCTIC PLANTS PHI	100
SPHERIC NUCLEAR TESTS ON SAMOA EFFECTS OF ZOOPLANKTON ON	PHYTOPLANKTON SPECIE MEASURING TUNA CANNERY EFFLU	55
ON BEHAVIOR PHYSIOLOGICAL ECOLOGY; POPULATION DYNAMICS;	PHYSICAL AND BIOLOGICAL EFFECTS ON POPULATIONS A	97
ATION IN ANTIGUA, WEST INDIES WASTE MANAGEMENT IN SOILS	PHYSICAL SOIL PROPERTIES RELATED TO WATER AND WA	161
T PERENNIAL WEEDS EFFECT OF ENVIRONMENT (BIOLOGICAL AND	PHYSICAL ON PLANTS AND PLANT COMMUNITIES. PHYSI	166
INARY APPROACHES TO ENVIRONMENTAL AND POLLUTION RESEARCH	PHYSIOLOGICAL ASPECTS OF MATURATION IN FISH INTE	79
TERN GEORGIA LIMITS OF MERRIAM K RAT IN PECOS RIVER	PHYSIOLOGICAL ECOLOGY AND VERTEBRATE ECOLOGY WOR	130
IOLOGICAL AND PHYSICAL) ON PLANTS AND PLANT COMMUNITIES.	PHYSIOLOGICAL ECOLOGY THISTLE SEED DEVELOPMENT A	166
YSIOLOGY OF INSECTS - ENVIRONMENTAL EFFECTS ON BEHAVIOR	PHYSIOLOGICAL ECOLOGY; POPULATION DYNAMICS; PHYS	97
ECOLOGY AND PHOTOSYNTHESIS PATTERNS OF SUBARCTIC PLANTS	PHYSIOLOGICAL PLANT ECOLOGY IN EXTREME ENVIRONME	100
SEARCH CROP PRODUCTION AND EXPERIMENTAL MOPROGENESIS	PHYSIOLOGIST DIRECTOR OF RESEARCH DIRECTOR OF RE	54
AND SOILS CYTOLOGICAL STUDIES OF FLORAL PRIMORDIA PLANT	PHYSIOLOGY AND SOIL STUDIES ESPECIALLY HEAVY MET	32
ECOLOGY OF BRACKISH-WATERS ESPECIALLY ESTUARIES (INC.	PHYSIOLOGY AND TAXONOMY OF ESTUARINE ANIMALS) SO	7
AND BEHAVIOR BIOLOGY OF VAIGAI DAM FISHES ENVIRONMENTAL	PHYSIOLOGY OF ATLANTIC SALMON SMOLTS ACTIVITY ST	78
IC SALMON SMOLTS ACTIVITY STUDIES OF FISH ENVIRONMENTAL	PHYSIOLOGY OF FISH - ENERGETICS ANAEROBIOSIS AR	78
FLOWERING GIBBERELLIN INTERCONVERSIONS IN HIGHER PLANTS	PHYSIOLOGY OF FLOWERING IN CONIFERS PHYSIOLOGY O	114
ONS IN HIGHER PLANTS PHYSIOLOGY OF FLOWERING IN CONIFERS	PHYSIOLOGY OF GIBBERELLIN-MEDIATED PROCESSES PL	114
PLANKTON VICTORIA MARINE MONITORING GREENERX NINE SURVEY	PHYSIOLOGY OF MARINE ZOOPLANKTON PHYSIOLOGY OF Z	86
NG EFFECTS OF FLOODING ON GROWTH & PHYSIOLOGY OF PLANTS	PHYSIOLOGY OF PLANT HORMONES & PHYTOCHROME PLOO	120

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE YIELD

FLOODING & WATERLOGGING EFFECTS OF FLOODING ON GROWTH &	PHYSIOLOGY OF PLANTS	PHYSIOLOGY OF PLANT HORMONE	120
NG GREENEX MINE SURVEY	PHYSIOLOGY OF MARINE ZOOPLANKTON	PHYSIOLOGY OF ZOOPLANKTON VICTORIA MARINE MONITOR	86
STUDY OF GIBBERELLIN-MEDIATED PROCESSES PLANT HORMONE	PHYSIOLOGY OF GIBBERELLIN AS RELATED TO	PHYSIOLOGY ESPECIALLY GIBBERELLINS AS RELATED TO	114
FACTORS IN PROTEIN SYNTHESIS PLANT BIOCHEMISTRY PLANT	PHYSIOLOGY PLANT GROWTH AND DEVELOPMENT BIOCHEM	PHYSIOLOGY PLANT GROWTH AND DEVELOPMENT BIOCHEM	12
H & PHYSIOLOGY OF PLANTS PHYSIOLOGY OF PLANT HORMONES &	PHYTOCHROME FLOODING & WATERLOGGING EFFECTS OF	PHYTOCHROME FLOODING & WATERLOGGING EFFECTS OF	120
L STUDY BOUNDARY DAM THERMAL STUDY AQUATIC PRODUCTIVITY	PHYTOPLANKTON ECOLOGY CHORCHILL FALLS LABRADOR	PHYTOPLANKTON ECOLOGY CHORCHILL FALLS LABRADOR	103
PHIC STATUS OF SOME NEW HAMPSHIRE LAKES EUTROPHICATION	PHYTOPLANKTON ECOLOGY PRIMARY PRODUCTION ARTIF	PHYTOPLANKTON ECOLOGY; ALGAL MASS CULTURES MARIC	59
ICE ON METHODS FOR KEEPING SEAWATER INTAKE SCREEN CLEAN	PHYTOPLANKTON ECOLOGY; ALGAL MASS CULTURES MARIC	PHYTOPLANKTON ECOLOGY; ALGAL MASS CULTURES MARIC	56
AND EFFECTS ON MARINE ORGANISMS EFFECT OF OIL ON MARINE	PHYTOPLANKTON PROTOSYNTHESIS OIL POLLUTION	PHYTOPLANKTON PROTOSYNTHESIS OIL POLLUTION	119
CITY IN LAKE ST. CLAIR THE NATURE OF PHOTOSYNTHATE IN	PHYTOPLANKTON POPULATIONS IN RELATION TO LIGHT Q	PHYTOPLANKTON POPULATIONS IN RELATION TO LIGHT Q	159
NADA PHYTOPLANTON PRODUCTION AND EXTRA-CELLULAR RELEASE	PHYTOPLANKTON PRODUCTION AND NON-LIVING ORGANIC	PHYTOPLANKTON PRODUCTION AND NON-LIVING ORGANIC	22
VIGIL MICROBIOLOGY OF DEEP-SEA PELAGIC ENVIRONMENT AND	PHYTOPLANKTON TAXONOMY AND ECOLOGY ROLE OF TIME	PHYTOPLANKTON TAXONOMY AND ECOLOGY ROLE OF TIME	69
ECOLOGICAL STUDIES OF INSORP WATERS OF ATLANTIC CANADA	PHYTOPLANKTON PRODUCTION AND EXTRA-CELLULAR RELEASE	PHYTOPLANKTON PRODUCTION AND EXTRA-CELLULAR RELEASE	22
NATURAL BEARING AREAS LAKE DAOPHIN WATER LEVEL REGULATION	PICKEREL TAGGING STUDIES LAKE WINNIPEGOSTS PRES	PICKEREL TAGGING STUDIES LAKE WINNIPEGOSTS PRES	66
BARPRESSING IN GUINEA PIGS AND RATS BAIT-SHYNES IN GUINEA	PIGS THE STUDY OF SENSORY DEVELOPMENT AND LEARN	PIGS THE STUDY OF SENSORY DEVELOPMENT AND LEARN	17
ON LEARNING IN RATS AND GUINEA PIGS BARPRESSING IN GUINEA	PIGS AND RATS BAIT-SHYNES IN GUINEA PIGS THE S	PIGS AND RATS BAIT-SHYNES IN GUINEA PIGS THE S	17
IN ADULT PORMS DISCRIMINATION LEARNING IN RATS AND GUINEA	PIGS BARPRESSING IN GUINEA PIGS AND RATS BAIT-SR	PIGS BARPRESSING IN GUINEA PIGS AND RATS BAIT-SR	17
THEOLOGICAL INVESTIGATION OF THE PROPOSED TRANS- CANADIAN	PIPELINE STUDY OF ANIMAL BEHAVIOR & ECOLOGY ECO	PIPELINE STUDY OF ANIMAL BEHAVIOR & ECOLOGY ECO	134
STRIBUTION OF ANIMALS IN STREAMS EFFECT OF INSTALLING	PIPELINE ACROSS DETROIT RIVER ECOLOGY OF STREAM	PIPELINE ACROSS DETROIT RIVER ECOLOGY OF STREAM	164
CONSERVATION WILDLIFE RESEARCH FOR HACKENZIE VALLEY GAS	PIPELINE PROJECT POST-DOCTORAL FELLOW - WHITE-TA	PIPELINE PROJECT POST-DOCTORAL FELLOW - WHITE-TA	77
TO WILDLIFE MANAGEMENT ENVIRONMENTAL IMPACT OF NORTHERN	PIPELINES JAMES BAY HYDRO DEVELOPMENT ENVIRONMENT	PIPELINES JAMES BAY HYDRO DEVELOPMENT ENVIRONMENT	6
RELATIONSHIPS SURFACE GEOLOGY SOIL RELATIONS IN COASTAL	PLAIN GEOLOGY- SOIL-BIOTIC RELATIONSHIPS PLANT I	PLAIN GEOLOGY- SOIL-BIOTIC RELATIONSHIPS PLANT I	139
STEM ANALYSIS SYSTEMS ANALYSIS OF LAKE TEXOMA MANAGEMENT	PLAN OF ESTERIE REGION QUEBEC ANALYSIS AND SIMD	PLAN OF ESTERIE REGION QUEBEC ANALYSIS AND SIMD	4
PA MODELING ANALYSIS OF ECOSYSTEM PROCESSES FOR USE BY	PLANNERS POLICY MAKERS SYSTEMS RESILIENCE IN WA	PLANNERS POLICY MAKERS SYSTEMS RESILIENCE IN WA	26
LYSIS OF WATERLOO COUNTY ECOLOGICAL APPROACH TO REGIONAL	PLANNING THE APPLICATION OF ECOLOGICAL PRINCIP	PLANNING THE APPLICATION OF ECOLOGICAL PRINCIP	30
STATEMENT EDIZ ROOK BEACH EROSION ENVIRONMENTAL STATEMENT	PLANNING AND ASSESSMENT OF IMPACTS ASSOCIATED W	PLANNING AND ASSESSMENT OF IMPACTS ASSOCIATED W	93
CTION PROBLEMS DEVELOPMENT AND ENVIRONMENT CONSERVATION	PLANNING AND EVALUATION OF RESOURCE DEVELOPMENT	PLANNING AND EVALUATION OF RESOURCE DEVELOPMENT	24
ON COASTAL ZONE ENVIRONMENT RESOURCE AND ENVIRONMENTAL	PLANNING AND POLICY ENVIRONMENTAL ASPECTS OF WAT	PLANNING AND POLICY ENVIRONMENTAL ASPECTS OF WAT	47
CATION OF ECOLOGICAL PRINCIPLES TO REGIONAL AND RESOURCE	PLANNING ECONOMICS OF FERAL LAND USE ECOLOGICAL	PLANNING ECONOMICS OF FERAL LAND USE ECOLOGICAL	30
PING CALIF. LAND CONSERVATION ACT EFFECTIVENESS SAC. CO.	PLANNING EXECUTIVE EFFECTIVENESS GEOGRAPHIC DATA	PLANNING EXECUTIVE EFFECTIVENESS GEOGRAPHIC DATA	71
AND WILDLIFE MANAGEMENT MASTER IN PUBLIC ADMINISTRATION	PLANNING PROPOSAL TO QUEBEC WILDLIFE SERVICE PR	PLANNING PROPOSAL TO QUEBEC WILDLIFE SERVICE PR	154
NEPS POLICY MAKERS SYSTEMS RESILIENCE IN WATER RESOURCP	PLANNING REVIEW OF RESOURCE/ENVIRONMENT TRAINING	PLANNING REVIEW OF RESOURCE/ENVIRONMENT TRAINING	26
PLANTS PESTICIDES METABOLISM RESIDUES (SOILS WATERS	PLANT) TOXICOLOGY (HEPATIC DISPOSITION AND PEST	PLANT) TOXICOLOGY (HEPATIC DISPOSITION AND PEST	101
TERS METABOLISM AND PERSISTENCE OF MCS-3260 IN SOILS AND	PLANTS PESTICIDES METABOLISM RESIDUES (SOILS	PLANTS PESTICIDES METABOLISM RESIDUES (SOILS	101
MOSES ECOLOGY AND PHOTOSYNTHESIS PATTERNS OF SUBARCTIC	PLANTS PHYSIOLOGICAL PLANT ECOLOGY IN EXTREME E	PLANTS PHYSIOLOGICAL PLANT ECOLOGY IN EXTREME E	100
TEPLOGING EFFECTS OF FLOODING ON GROWTH & PHYSIOLOGY OF	PLANTS PHYSIOLOGY OF PLANT HORMONES & PHITOCRO	PLANTS PHYSIOLOGY OF PLANT HORMONES & PHITOCRO	120
EDS EFFECT OF ENVIRONMENT (BIOLOGICAL AND PHYSICAL) ON	PLANTS AND PLANT COMMUNITIES. PHYSIOLOGICAL ECOL	PLANTS AND PLANT COMMUNITIES. PHYSIOLOGICAL ECOL	166
ENVIRONMENTAL POLLUTANTS IN PLANTS HEAVY METAL STUDIES IN	PLANTS AND SOILS CITOLOGICAL STUDIES OF FLORAL P	PLANTS AND SOILS CITOLOGICAL STUDIES OF FLORAL P	32
ENVIRONMENTS DDT TRANSFERS IN ECOSYSTEMS ADAPTATIONS OF	PLANTS FOR REAT AND MASS TRANSFERS WITH ENVIRONM	PLANTS FOR REAT AND MASS TRANSFERS WITH ENVIRONM	109
SAND DONE STAB. SHORBLIVE REVEG. USE OF	PLANTS GENERAL CONSERVATION USES WINE REVEGETATION	PLANTS GENERAL CONSERVATION USES WINE REVEGETATION	13
AL POLLUTION INTERACTIONS OF ENVIRONMENTAL POLLUTANTS IN	PLANTS HEAVY METAL STUDIES IN PLANTS AND SOILS C	PLANTS HEAVY METAL STUDIES IN PLANTS AND SOILS C	32
LETED TO FLOWERING GIBBERELLIN INTERCONVERSIONS IN HIGHER	PLANTS PHYSIOLOGY OF FLOWERING IN CONIFERS PRYSI	PLANTS PHYSIOLOGY OF FLOWERING IN CONIFERS PRYSI	114
LANT GROWTH AND DEVELOPMENT BIOCHEMICAL ECOLOGY OF LOWER	PLANTS SEED DORMANCY AND GERMINATION ROLE OF INI	PLANTS SEED DORMANCY AND GERMINATION ROLE OF INI	12
RSITY SILICIAN ECRIDROID TRACES ALGAL POOLING ON ACRYLIC	PLANTS INFLUENCE OF SUBSTRATE TYPE ON POPULATIO	PLANTS INFLUENCE OF SUBSTRATE TYPE ON POPULATIO	124
IDENTIFIED MICROORGANISMS IN THE DEEP SEA OBSERVATIONS ON	PODOPHTHALMUS VIGIL MICROBIOLOGY OF DEEP-SEA PE	PODOPHTHALMUS VIGIL MICROBIOLOGY OF DEEP-SEA PE	69
NIASIS IN DOVES WATERPOOL PATHOLOGY LEAD	POISONING IN WATERPOOL EPIZOOLOGY OF TRICHATO	POISONING IN WATERPOOL EPIZOOLOGY OF TRICHATO	138
ECOLOGY AND SYSTEMATICS OF BRYOPHYTES PARTICULARLY IN	POLAR REGIONS PRODUCTIVITY OF ARCTIC BRYOPHYTES	POLAR REGIONS PRODUCTIVITY OF ARCTIC BRYOPHYTES	156
ONE ENVIRONMENT RESOURCE AND ENVIRONMENTAL PLANNING AND	POLICY ENVIRONMENTAL ASPECTS OF WATER MANAGEMENT	POLICY ENVIRONMENTAL ASPECTS OF WATER MANAGEMENT	47
NG ANALYSIS OF ECOSYSTEM PROCESSES FOR USE BY PLANNERS	POLICY MAKERS SYSTEMS RESILIENCE IN WATER RESOUR	POLICY MAKERS SYSTEMS RESILIENCE IN WATER RESOUR	26
ECONNAISSANCE OF THE GUATEPE HYDROELECTRIC POWER PROJECT	POLITICA DE CONSERVACION DE RECURSOS NATURALES DE	POLITICA DE CONSERVACION DE RECURSOS NATURALES DE	150
ER ENVIRONMENTAL POLLUTION INTERACTIONS OF ENVIRONMENTAL	POLLUTANTS IN PLANTS HEAVY METAL STUDIES IN PLAN	POLLUTANTS IN PLANTS HEAVY METAL STUDIES IN PLAN	32
AFTER POLLUTION OIL POLLUTION MERCURY POLLUTION PESTICIDE	POLLUTION	POLLUTION	135
OF OIL ON MARINE PHYTOPLANKTON PROTOSYNTHESIS OIL	POLLUTION AND EFFECTS ON MARINE ORGANISMS EFFECT	POLLUTION AND EFFECTS ON MARINE ORGANISMS EFFECT	119
OTNIS VILLERIANA AQUATIC ENTOMOLOGY LIMNOLOGY AND WATER	POLLUTION ARE MY GREATEST COMPETENCE ECOLOGICAL	POLLUTION ARE MY GREATEST COMPETENCE ECOLOGICAL	160
RIVER ECOLOGY AQUATIC ECOLOGY WATER POLLUTION THERMAL	POLLUTION BY A RESERVOIR AQUATIC INSECTS OF ARCT	POLLUTION BY A RESERVOIR AQUATIC INSECTS OF ARCT	83
HE FINAL PREPENDUM OF YELLOW PERCH WITH AGE MINIMIZING	POLLUTION CAUSED BY DEAD ALGAE ON BEACHES TR	POLLUTION CAUSED BY DEAD ALGAE ON BEACHES TR	91
ECTS OF MATURATION IN FISH INTERDISCIPLINARY ANALYSIS OF	POLLUTION EFFECTS INTERDISCIPLINARY APPROACHES T	POLLUTION EFFECTS INTERDISCIPLINARY APPROACHES T	79
L STUDIES ESPECIALLY HEAVY METAL AND OTHER ENVIRONMENTAL	POLLUTION INTERACTIONS OF ENVIRONMENTAL POLLUTAN	POLLUTION INTERACTIONS OF ENVIRONMENTAL POLLUTAN	32
WATER POLLUTION OIL	POLLUTION MERCURY POLLUTION PESTICIDE POLLUTION	POLLUTION MERCURY POLLUTION PESTICIDE POLLUTION	135
E MONITORING CROFTON PULP MILL MARINE MONITORING MARINE	POLLUTION MONITORING PROGRAMS MINE INDUSTRIAL	POLLUTION MONITORING PROGRAMS MINE INDUSTRIAL	43
ING WATER TABLE ON HARDWOOD FOREST ASBESTOS TAILINGS AND	POLLUTION OF MAPLE SUGAR GROVES STUDY OF REVEGET	POLLUTION OF MAPLE SUGAR GROVES STUDY OF REVEGET	116
IDE POLLUTION WATER	POLLUTION OIL POLLUTION MERCURY POLLUTION PESTIC	POLLUTION OIL POLLUTION MERCURY POLLUTION PESTIC	135
WATER POLLUTION OIL POLLUTION MERCURY	POLLUTION PESTICIDE POLLUTION	POLLUTION PESTICIDE POLLUTION	135
ENT OF INTERDISCIPLINARY APPROACHES TO ENVIRONMENTAL AND	POLLUTION RESEARCH PHYSIOLOGICAL ASPECTS OF MATD	POLLUTION RESEARCH PHYSIOLOGICAL ASPECTS OF MATD	79
ADA EPHEMEROPTERA RIVER ECOLOGY AQUATIC ECOLOGY WATER	POLLUTION THERMAL POLLUTION BY A RESERVOIR AQUAT	POLLUTION THERMAL POLLUTION BY A RESERVOIR AQUAT	83
VALUATION OF RESOURCE DEVELOPMENT WITH LEAST ENVIRONMENT	POLLUTION WILD BOAR IN WEST PAKISTAN PESTICIDES	POLLUTION WILD BOAR IN WEST PAKISTAN PESTICIDES	24
CULTURE OF FISH IN BRACKISH AND FRESHWATER	PONDS IMPROVED METHOD OF MILKPISS CULTURE	PONDS IMPROVED METHOD OF MILKPISS CULTURE	23
ERMAL POLLUTION BY A RESERVOIR AQUATIC INSECTS OF ARCTIC	PONDS TAXONOMY OF AQUATIC INSECTS OF WEST INTERT	PONDS TAXONOMY OF AQUATIC INSECTS OF WEST INTERT	83
ORGAN; ORGANISM	POPULATION	POPULATION	141
Y ENERGY FLOW IN KELP COMMUNITY ENERGETICS OF CTENOPHORE	POPULATION ENERGY FLOW IN MARINE BENTHIC COMMUN	POPULATION ENERGY FLOW IN MARINE BENTHIC COMMUN	96
CREEK, CEBU REVIEW ECOLOGICAL STUDIES, SILUT BAY, CEBU	POPULATION AND PRODUCTION ECOLOGY OF AQUATIC ORG	POPULATION AND PRODUCTION ECOLOGY OF AQUATIC ORG	95
IMARILY FISR SURVEY OF ZOOPLANKTON CEBU COASTAL WATERS	POPULATION CHARGES IN GUPPIES LAHUG CREEK CEB	POPULATION CHARGES IN GUPPIES LAHUG CREEK CEB	95
KE PROJECT LAKE MAMPREHAGOS PROJECT ALGAL	POPULATION CYCLES - EUTROPHICATION CCIBP CHAR LA	POPULATION CYCLES - EUTROPHICATION CCIBP CHAR LA	72
RELATIONSHIPS, SOUTHEAST ALASKA LARGE MAMMAL ECOLOGY -	POPULATION DYNAMICS - HABITAT RELATIONSHIPS ECOL	POPULATION DYNAMICS - HABITAT RELATIONSHIPS ECOL	8
MICS OF SHRIMP COMMERCIAL CULTURE OF SHRIMP BIOLOGY AND	POPULATION DYNAMICS FISH AND INVERTEBRATES BIOL	POPULATION DYNAMICS FISH AND INVERTEBRATES BIOL	67
OF TERRESTRIAL VERTEBRATES ESPECIALLY BIRDS AND MAMMALS	POPULATION DYNAMICS OF CALIF. QDAIL THE DYNAMIC	POPULATION DYNAMICS OF CALIF. QDAIL THE DYNAMIC	137
OLOGICAL EXPEDITION OF NEPAL HIMALAIA LIFE HISTORY AND	POPULATION DYNAMICS OF CRANES ECOLOGICAL STUDIES	POPULATION DYNAMICS OF CRANES ECOLOGICAL STUDIES	62
O POPULATION DYNAMICS FISH AND INVERTEBRATES BIOLOGY AND	POPULATION DYNAMICS OF SHRIMP COMMERCIAL CULTURE	POPULATION DYNAMICS OF SHRIMP COMMERCIAL CULTURE	67
PRIONS TERRESTRIS SOIL AS IT RELATES TO ENERGY FLOW AND	POPULATION DYNAMICS OF SOIL ANIMALS ENERGY FLOW	POPULATION DYNAMICS OF SOIL ANIMALS ENERGY FLOW	98
OGICAL EFFECTS ON POPULATIONS AS RELATED TO PEST CONTROL	POPULATION DYNAMICS OF SDGARCANE PESTS BIOLOGY O	POPULATION DYNAMICS OF SDGARCANE PESTS BIOLOGY O	97
NVIRONMENTAL EFFECTS ON BEHAVIOR PHYSIOLOGICAL ECOLOGY;	POPULATION DYNAMICS; PHYSICAL AND BIOLOGICAL EFF	POPULATION DYNAMICS; PHYSICAL AND BIOLOGICAL EFF	97
AL PARK, QUEBEC BIRDS OF PORILLON NATIONAL PARK, QUEBEC	POPULATION ECOLOGY OF BIRDS IN RELATION WITH PLA	POPULATION ECOLOGY OF BIRDS IN RELATION WITH PLA	92
DRVEY PROGRAM ECOLOGICAL SURVEY OF BIRDS OF RORTR CHILE	POPULATION ESTIMATES AND ECOLOGICAL SURVEYS OF B	POPULATION ESTIMATES AND ECOLOGICAL SURVEYS OF B	92
MENT ORIENTATED WILDLIFE RESEARCH IMPACT OF BOWING ON R	POPULATION OF MOOSE EFFECT OF PREDATORS ON WESTI	POPULATION OF MOOSE EFFECT OF PREDATORS ON WESTI	87
S FISHERIES BIOLOGIST AQUATIC BIOLOGIST FISHERY	POPULATION PARAMETERS AND COMMUNITY RELATIONSHIP	POPULATION PARAMETERS AND COMMUNITY RELATIONSHIP	21

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPAL FIELD

OUR SITE WILDLIFE - HABITAT RELATIONSHIPS BEHAVIOR AND POPULATION PROCESSES BLACK-TAIL DEER WINTER RANGE	132
FLOW - WHITE-TAILED DEER RESEARCH LECTURE SMALL MAMMAL POPULATION RESEARCH BIG GAME POPULATIONS RESEARCH	77
COILING ON ACRYLIC PLATES INCIDENCE OF SUBSTRATE TYPE ON POPULATION STRUCTURE INTERTIDAL SUBSTRATE RUGOSITY	124
EASTERN-QUEBEC NORTH AMERICA BREEDING BIRD SURVEY BIRD POPULATION STUDIES IN FORESTS NEW MONTREAL INTER	31
VEY WILDLIFE MANAGEMENT CENSUSING WILDLIFE GOLDEN PLAGI POPULATION STUDIES MOUNTAIN LION HABITAT ANALYSIS	106
PROCESSES BLACK-TAIL DEER WINTER RANGE STUDY BLUE GROUSE POPULATION STUDY ENVIRONMENTAL CONSEQUENCES OF P	132
ATION ECOLOGY OF BIRDS IN RELATION WITH PLANT SUCCESSION POPULATION STUDY OF BIRDS OF LA MAURICIE NATIONAL	37
TIONS OF TRIBOLIUM UNDER LABORATORY CONDITIONS TRIBOLIUM POPULATIONS MATHEMATICAL MODELS ON POPULA	147
POPULATION DYNAMICS; PHYSICAL AND BIOLOGICAL EFFECTS ON POPULATIONS AS RELATED TO PEST CONTROL POPULATIO	97
MOLLYSCS VARIOUS ASPECTS OF PARASITIC DISEASES IN OYSTER POPULATIONS BACTERIAL AND VIRAL CONTAMINATION OF	19
D DYNAMICS AND ECOLOGY OF FISH POPULATIONS FISH POPULATIONS OF WESTERN LAKE ERI	109
ECOLOGY OF MARINE MACRO CRUSTACEA DYNAMICS OF KING BROWN POPULATIONS IN QUEENSLAND BIOLOGY AND	117
ST. CLAIR THE NATURE OF PHOTOSYNTHATE IN PHYTOPLANKTON POPULATIONS IN RELATION TO LIGHT QUALITY THE EFF	159
IONS "TRIBOLIUM" POPULATIONS MATHEMATICAL MODELS ON POPULATIONS OF TRIBOLIUM UNDER LABORATORY CONDI	147
D DYNAMICS AND ECOLOGY OF FISH POPULATIONS FISH POPULATIONS OF WESTERN LAKE ERI	108
ARCH LECTURE SMALL MAMMAL POPULATION RESEARCH BIG GAME POPULATIONS RESEARCH AND MANAGEMENT CONSERVATIO	77
CRYS. ROCKS-RESEARCH BASIN TRACER MOVEMENT IN SATURATED PORE MEDIA SUBSURFACE WASTE DISPOSAL GOODNOWA	81
DLIFE RESEARCH FOR MACKENZIE VALLEY GAS PIPELINE PROJECT FOREST-DOCTRUAL FELLOW - WHITE-TAILED DEER RESEARC	77
REAS ECOPHYSIOLOGY - BIOSPHICS OF ALPALPA WEEVIL HYPERA POSTICA AGRICULTURAL INSECTS OF TONGA SOUTH PAC	85
S ECOLOGICAL RECONNAISSANCE OF THE GUATEMA HYDROELECTRIC POWER PROJECT POLITICA DE CONSERVATION OF RECURSO	150
EAGLE POPULATION STUDIES MOUNTAIN LION HABITAT ANALYSIS PRAIRIE FALCON SURVEY WILDLIFE MANAGEMENT CENSU	106
Y AND ECOLOGY OF MARINE MACRO CRUSTACEA DYNAMICS OF KING BROWN POPULATIONS IN QUEENSLAND BIOLOG	117
FLOWERING IN CONIFERS PHYSIOLOGY OF GIBBERELLIN-MEDIATED PROCESSES PLANT HORMONE PHYSIOLOGY ESPECIALLY	114
OR EVALUATION OF CANADIAN AGRICULTURAL PESTS PARASITIS & PREDATORS OF ORCHARD PESTS PEST MANAGEMENT BIO	10
IMPACT OF HUNTING ON A POPULATION OF HOUSE SPERM OF PREDATORS ON NESTING DUCKS CHIP LAKE WILDLIFE -	87
ULATION ENERGY FLOW IN MARINE BENTHIC COMMUNITIES YIELD REDUCTION OF CRAB FISHERY ENERGY FLOW IN KELP C	96
ITALITY IN ALEWINGS IN LAKE ONTARIO CHANGES IN THE FINAL REPERENNOM OF YELLOW PERCH WITH AGE MINIMIZING	91
POPULATION AND PRODUCTION ECOLOGY OF AQUATIC ORGANISMS PRIMARILY FISH SURVEY OF ZOOPLANKTON CEBU COAST	95
LAKES ARTIFICIAL CIRCULATION OF A SMALL EUTROPHIC LAKE PRIMARY PRODUCTION OF SALINE LAKES TROPIC STATO	59
HAMPSHIRE LAKES POTROPHICATION PHYTOPLANKTON ECOLOGY PRIMARY PRODUCTION ARTIFICIAL CIRCULATION OF LA	59
TODIES IN PLANTS AND SOILS CYTOLOGICAL STUDIES OF FLORAL PHORMIDIA PLANT PHYSIOLOGY AND SOIL STUDIES RSP	32
TREATMENT EFFECT OF C.I.P. MILL CLOSURE ON ONTARIAN WOODS PRODUCERS EFFECT OF DREA FERTILIZER ON BLACK SPR	11
MS PARTICULARLY FORESTS ECOLOGY PRODUCTIVITY AND DYNAMICS OF TERRESTRIAL ECOSYST	104
ENERGY FLOWS IN AQUATIC ECOSYSTEMS FERTILIZER EFFECT ON PRODUCTIVITY IN LAKE ST. CLAIR THE NATURE OF PHO	159
SYSTEMATICS OF BRYOPHYTES PARTICULARLY IN POLAR REGIONS PRODUCTIVITY OF ARCTIC BRYOPHYTES ECOLOGY AND	156
ENVIRONMENTAL STUDY BOUNDARY DAM THERMAL STUDY AQUATIC PRODUCTIVITY PHYTOPLANKTON ECOLOGY CHURCHILL PAL	103
PLANT COMMUNITIES OF MANITOBA - INTERNATIONAL BIOLOGICAL PROGRAMME A PRELIMINARY SURVEY OF THE PLANT COMM	70
PULP MILL MARINE MONITORING MARINE POLLUTION MONITORING PROGRAMS MINE INDUSTRIAL DOMESTIC VICTORIA DIS	43
RESOURCE PLANNING REVIEW OF RESOURCE/ENVIRONMENT TRAINING PROGRESS INFORMATION FLOW IN NEW YORK CITY'S EPA	26
TIONSHIP TO THE "GRASS ROOTS" OF ECOLOGICAL SYSTEMS COAL PROPERTI & EVALUATION LANDSLIDES IN MICA RESERVO	122
GY AND LIP HISTORY OF FRESHWATER FISHES LIFE HISTORY OF PROPOSAL TO QUEBEC WILDLIFE SERVICE FRESHWATER	154
ITS ARCTIC ENVIRONMENTAL MANAGEMENT SURVEY ENVIRONMENTAL PROSODIUM WILLIAMSONI IN THE SHEEP RIVER ALBERT	148
NITROGEN IN SOIL WATER CHRISTMAS TREE FERTILIZATION AND PROTECTION BOARD ARCTIC AND ALPINE PLANT ECOLOG	14
S TO TONGA SALMON EVALUATION OF EFFLUENT TREATMENTS FOR PROTECTION OF FISHERY RESOURCES DETOXIFICATION	136
AND WATER INTERGRATING NATURE PROTECTION WITH THE DEVELOPMENT AND USE OF LAND	53
D DOMINANCE AND GERMINATION ROLE OF INITIATION FACTORS IN PROTEIN SYNTHESIS PLANT BIOCHEMISTRY PLANT PHY	12
GY BECHNE-DE-MER CONSULTANT IMPROVING QUALITY OF DRY FISH PROXIMATE COMPOSITION STUDIES IN DRY FISH STUDI	128
ECULATE DISCOMICETES (PEZIZALES) MONOGRAPHIC STUDIES OF PSILOPEZIA AND PACYELLA CHECK LIST OF CARIBBEAN	113
DELTA PROJECT HORMONES AND SEASONAL COLOR CHANGE HARES & REARRHIGAN ENDOCRINOLOGY PARTICULARLY REPRODUCTI	64
FRESHWATER FISHERIES AND WILDLIFE MANAGEMENT MASTER IN PUBLIC ADMINISTRATION PLANNING PROPOSAL TO QUEBE	154
TH REPERENNOM TO INTERPRETATION OF CONSERVATION VALUES PUBLIC ARCTIC ECOLOGY ECOLOGY OF SEA BIRD ISLAND	57
APPROPRIATION AREAS CONTROL OF INSECTS OF IMPORTANCE TO PUBLIC HEALTH RESEARCH DEVELOPMENT AND MARKETI	1
T TRUNK SPINNERS OYAR HINES LTD. MARINE MONITORING CROFTON PULP MILL MARINE MONITORING MARINE POLLUTION MO	43
FNIA VARIETY VERIFICATION OF PEDIGREE SEED STOCKS SEED FURFICATION & INCREASE OF CEREALS AND OIL SEEDS	15
ESPECIALY BIRDS AND MAMMALS POPULATION DYNAMICS OF CALIF. QUAIL THE DYNAMICS OF TERRESTRIAL VERTEBRATES E	137
IAN BLOOD PARASITOLOGY AVIAN HAEMATOZOA AS ENVIRONMENTAL QUALITY CRITERIA BIOLOGICAL CONTROL OF SILTUM	80
HERRIDS IN PORAGE CROPS EVALUATION OF BREEDING FOR CROF QUALITY DEVELOPMENT OF COMMERCIAL PLANT BREEDING	25
MERIES FOOD TECHNOLOGY BECHNE-DE-MER CONSULTANT IMPROVING QUALITY OF DRY FISH PROXIMATE COMPOSITION STUDIE	128
TRATE IN PHYTOPLANKTON POPULATIONS IN RELATION TO LIGHT QUALITY THE EFFECT OF TEACF METALS ON GROWTH AND	159
ND PHOTOSYNTHESIS OF ALGAE LIGHT EFFECTS (INTENSITY AND QUALITY) AND TEMPERATURE EFFECTS ON METABOLISM O	159
COAL PROPERTY & EVALUATION LANDSLIDES IN MICA RESERVOIR QUATERNARY & ECOLOGICAL INVESTIGATIONS - OGILVIE	122
ALYSIS OF LAKE TEXOMA MANAGEMENT PLAN OF ESTRIE REGION QUEBEC ANALYSIS AND SIMULATION OF ECOSYSTEMS EC	4
NATIONAL PARK QUEBEC BIRDS OF FORILLON NATIONAL PARK QUEBEC POPULATION ECOLOGY OF BIRDS IN RELATION	37
POPULATION STUDY OF BIRDS OF LA MAURICIE NATIONAL PARK QUEBEC BIRDS OF FORILLON NATIONAL PARK QUEBEC	37
NT MASTER IN PUBLIC ADMINISTRATION PLANNING PROPOSAL TO QUEBEC WILDLIFE SERVICE FRESHWATER FISHERIES AN	154
NE MACRO CRUSTACEA DYNAMICS OF KING BROWN POPULATIONS IN QUEENSLAND BIOLOGY AND ECOLOGY OF MARI	117
AUSTRALIA ECOLOGY OF SAVANNAH WOODLAND MARSUPIALS NORTH QUEENSLAND ECOLOGY AND CONSERVATION OF THE DUGON	60
RS TO COMMUNITY LEVEL; DIET DETERMINATION OF ANCIENT MA BATES TRANSFER FROM BATS TO MICE IN MINES AND C	151
IENNA INVESTIGATION ON TOXICITY OF DETERGENTS AND SEWAGE RADIATION EFFECT STUDIES ON SPARGANOTNIS MILLERI	160
ALS ENERGY FLOW IN MITES OF AN ASPEN WOODLAND EFFECT OF RADIATION ON LUMBRICONS TERRESTRIAL SOIL AS IT RE	98
REVEGETATION OF EXPOSED BANKS ALONG 360 MILES OF NORTHERN RAILROAD FOREST ECOLOGY EFFECT OF CHANGING WATE	116
AT RELATIONSHIPS ECOLOGY OF INTRODUCED UNGULATES NEARST RANCH CALIFORNIA ECOLOGY OF PERAL HOGS DYE CRE	8
EAST RANCH CALIFORNIA ECOLOGY OF PERAL HOGS DYE CREEK RANCH CALIFORNIA WILDLIFE-LOGGING RELATIONSHIPS	8
VERTEBRATE ECOLOGY NORTHERN GEORGIA LIMITS OF MERRIAM R BAT IN PECOS RIVER PHYSIOLOGICAL ECOLOGY AND	130
AND SULPHUR IN MINEROLOGY AND ROCKS INTERCHANGE RATE OF H+ ON 2:1 CLAYS RESEARCH IN CLAY MINERA	49
PRING PROCESSES IN ADULT PONS DISCRIMINATION LEARNING IN RATS AND GUINEA PIGS BARPRESSING IN GUINEA PIGS	17
G IN BATS AND GUINEA PIGS BARPRESSING IN GUINEA PIGS AND RATS BATT-SHYNESS IN GUINEA PIGS THE STUDY OF S	17
F CARBON AND SULPHUR IN MINEROLOGY AND ROCKS INTERCHANGE REACTION RATE OF H+ ON 2:1 CLAYS RESEARCH IN CL	49
SES PLANT HORMONE PHYSIOLOGY ESPECIALLY GIBBERELLINS AS REALTED TO FLOWERING GIBBERELLIN INTERCONVERSION	114
MENT AND ADMINISTRATION DEVELOPMENT OF WALLEYE NATURAL REARING AREAS LAKE DAUPHIN WATER LEVEL REGULATION	66
D CLASSIFICATION SOIL SURVEY LAND USE FOR AGRICULTURE REC. ENGINEERING SOIL SURVEY AND LAND CAPABILTY	133
ON NUTRIENT ELEMENTS LAND DISPOSAL OF SEWAGE SLUDGE LAND RECLAMATION EVALUATION OF NUTRIENT REQUIREMENTS	9
DESERT CREEP CONTROL IN NORTHERN SUDAN GAROOD HARD SCIL RECLAMATION IN WEST SUDAN SOIL AND WATER MANAGE	73
ORS ON NESTING DUCKS CHIP LAKE WILDLIFE - INVENTORY WITH RECOMMENDATIONS FOR MANAGEMENT MANAGEMENT ORIE	87

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ATION; LAND MANAGEMENT SYSTEMS FOR THE TROPICS ECOLOGICAL	150
ON OF STREAM AND LAKE FISHERY MANAGEMENT PRACTICES BICL.	80
HYDROELECTRIC POWER PROJECT POLITICA DE CONSERVACION DE	150
AGRICULTURE ADVICE ON PERMANENCY OF DREDGING OPERATION IN	56
CIPIC SUBMARINE CAVES DEEP SUBMERSIBLE SURVEY OF JAMAICA	121
WOOD PRODUCERS EFFECT OF UREA FERTILIZER ON BLACK SPRUCE	11
TREES AND FOREST MANAGEMENT ASSESSMENT OF YELLOW BIRCH	68
TURK MOSS CELLS PLANT ANATOMY PLANT ULTRASTRUCTURE (1)	11
L ORNITHOLOGY & MAMMLOGY REPORT ON BIRDS LAKE AT HABASCA	64
SYSTEMS ANALYSIS OF LAKE TETONA MANAGEMENT PLAN OF ESTBIE	4
AL PLANNING THE APPLICATION OF ECOLOGICAL PRINCIPLES TO	30
GICAL ANALYSIS OF WATERLOO COUNTY ECOLOGICAL APPROACH TO	139
LOGY AND SYSTEMATICS OF BRYOPHYTES PARTICULARLY IN POLAR	30
ALLOCATION AND MANAGEMENT AQUATIC ASSESSMENT OF ARCTIC	156
COUNTY SYSTEMS ECOLOGY RELATED TO URBAN AND URBARIZING	80
F WALLEYE NATURAL BEARING AREAS LAKE DAUPHIN WATER LEVEL	38
RUIT BATS COMPILATION OF WEEDED LAND USE LEGISLATION AND	406
EFFECT OF RADIATION ON LUMBRICUS TERRESTRIS SOIL AS IT	66
PARK VEGETATION OF N. YUKON ANALYSIS OF PLANT COMMUNITY	112
NA LARGE MAMMAL ECOLOGY - POPULATION DYNAMICS - HABITAT	98
IST FISHERY POPULATION PARAMETERS AND COMMUNITY	61
N THE OCEAN ULTRASTRUCTURE AND ITS FIELD EFFECTS ENERGY	2
OGY SOIL RELATIONS IN COASTAL PLAIN GEOLOGY- SOIL-BIOTIC	127
SYSTEMS ANALYSIS; GEOLOGY/SOIL/PLANT ASSOC. AND LAND MGT.	139
STIPICATION OF PLANT COMMUNITIES AND SOIL TYPES AND THEIR	139
QUENCES OF FLOODING A RESERVOIR SITE WILDLIFE - HABITAT	70
PERAL HOGS DYE CREEK RANCH CALIFORNIA WILDLIFE-LOGGING	132
LANTIC CANADA PHYTOPLANKTON PRODUCTION AND EXTRA-CELLULAR	2
MICROBIOLOGY OF FOREST SOIL SLOW	131
ANILY MAMMALS) HERBICIDES AND ANIMALS IN ASPEN COMMUNITY	157
LOR CRANGE BARES & PTARRIANG ENDOCRINOLOGY PARTICULARLY	64
Y OF MARINE BENTHIC ORGANISMS AND DISTRIBUTION ABUNDANCE	149
GY OF AN ESTUARINE ACEOL SAND BEACH NEOPHONA ECOSYSTEM	149
LUTION EFFECTS INTERDISCIPLINARY APPROACHES TO ENVIRON.	79
AQUATIC ECOLOGY WATER POLLUTION THERMAL POLLUTION BY A	83
BITAT AND RESPONSE TO MAN-MADE CHANGE EFFECT OF PROPOSED	107
AL SYSTEMS COAL PROPERTY & EVALUATION LANDSLIDES IN MICA	122
OPULATION STUDY ENVIRONMENTAL CONSEQUENCES OF FLOODING A	132
SP AND EASTERN BROOK TROUT ECOLOGICAL IMPACT OF PROPOSED	148
OF MCS-3260 IN SOILS AND PLANTS PESTICIDES METABOLISM	101
ON AND PESTICIDE INTERACTIONS) SIGNIFICANCE OF PESTICIDE	101
TEM PROCESSES FOR USE BY PLANNERS POLICY MAKERS SYSTEMS	26
WORKSHOPS INDUSTRIAL IMPACT ON COASTAL ZONE ENVIRONMENT	47
T LAKES, RMT FISHERIES DEVELOPMENT TASK FORCE FISHERIES	126
PLANNING AND ASSESSMENT OF IMPACTS ASSOCIATED WITH WATER	93
AND ENVIRONMENT CONSERVATION PLANNING AND EVALUATION OF	24
COMMUNITIES IN LAKES LIMNOLOGY ESTUARINE ECOLOGY WATER	146
DARINE ECOLOGY WATER RESOURCE MANAGEMENT OKANAGAN WATER	106
THE APPLICATION OF ECOLOGICAL PRINCIPLES TO REGIONAL AND	30
E BY PLANNERS POLICY MAKERS SYSTEMS RESILIENCE IN WATER	26
SYSTEMS RESILIENCE IN WATER RESOURCE PLANNING REVIEW CP	26
DATION OF EFFLUENT TREATMENTS FOR PROTECTION OF FISHERY	136
UNNING WATER ECOLOGY BIRD ECOLOGY CONSERVATION NATURAL	152
RESEARCH AND GENERAL ADMINISTRATOR OF LAND AND NATURAL	112
USE OF FISH AND FISH COMMUNITIES TO ENVIRONMENTAL STRESS	28
USE OF FISH AND FISH COMMUNITIES TO ENVIRONMENTAL STRESS	29
ISCO SURVIVAL OF WALLEYES ON WOOD FIBER SLODGE DEPOSITS	29
ISCO SURVIVAL OF WALLEYE ON WOOD FIBER SLODGE DEPOSITS	28
ERT ON WILDLIFE RELATIONSHIP OF WILDLIFE TO HABITAT AND	107
USE ECONOMICS ALL CLIMATIC ZONES AG SECTOR ANALYSIS CBPC	150
SERVATION USES MINE REVEGETATION SARD ODNE STAB. SHORELINE	13
STRUCTURE DYNAMICS COMPOSITION; TAXONOMY PEDOLOGY OF	39
OS TAILINGS AND POLLUTION OF MAPLE SUGAR GROVES STUDY OF	116
USE OF PLANTS GENERAL CONSERVATION USES MINE	13
GRICULTURAL CHEMICALS PARTICULARLY PESTICIDES CONTROL OF	1
COLOGY NORTHERN GEORGIA LIMITS OF MERRIAM K RAT IN PECOS	130
ROOT ECOLOGICAL IMPACT OF PROPOSED RESERVOIR SITE ON BCW	188
STREAMBEDS EFFECT OF INSTALLING PIPELINE ACROSS DETROIT	164
PORT ON BIRDS LAKE AT HABASCA REGION FOR PEACE ATRABASIA	64
QUATIC INSECTS OF WEST INTERIOR OF CANADA EPHEMEROPTERA	83
ISRES LIFE HISTORY OF PROSODIUM WILLIAMSONI IN THE SREEP	140
ROSCOPY ANALYSIS OF CARBON AND SULFUR IN MIREOLOGY AND	49
ATER-STREAMFLOW INTERACTIONS GROUNDWATER-FRACTURED CRYS.	81
APPLIED ECOLOGY OF INSECTS ECOLOGY OF LEAF	89
R DYNAMICS OF SUGARCANE PESTS BIOLOGY OF THE WEST INDIAN	97
SUBFICIAL DEPOSITS AND THEIR RELATIONSHIP TO THE "GRASS	122
STRATE TYPE ON POPULATION STRUCTURE INTERTIDAL SUBSTRATE	124
E TO PLANT NUTRIENTS-SEVEN CROPS TROP-TEMP. EL/SALVADCR	150
ETICS ESPECIALLY GROWTH AND MILK AND MEAT PRODUCTION OF	63
ER ECOLOGY BIRD ECOLOGY CONSERVATION NATURAL RESOURCES	152
OR BIRD ACTIVITY MIGRATORY BIRDS AS AIR TRAFFIC HAZARDS	152
RINCIPLES TO REGIONAL AND RESOURCE PLANNING ECONOMICS OF	30
SAWFLIES A CANADIAN SPECIES OF SUSANA DOBICPRIA IN GALLS	165
THE ECOLOGY OF LARREA DIVARICATA IN THE DESERTS OF THE	100
PUTER MAPPING CALIF. LAND CONSERVATION ACT EFFECTIVENESS	71
RECONNAISSANCE OF THE GUATAPE HYDROELECTRIC POWER	150
RECREATIONAL AND ECON. PARAMETER OF A STREAM FIS	80
RECORSOS NATURALES DEL PERU CLASIFICACION Y METODO	150
REEP LAGOON ST. CROIX ADVICE ON METHODS FOR REE	56
REEPS BIOLOGY ECOLOGY OF JAMAICAN DEMOSPONGIAE	121
REGEN. ANATOMY OF TREES AND FOREST MANAGEMENT A	11
REGENERATION BY TREATMENT EFFECT OF C.L.F. HILL	68
REGENERATION IN GLOBAL APICES CITOLOGICAL CRGS F	11
REGION FOR PEACE ATRABASIA RIVER DELTA PROJECT R	64
REGIONAL AND RESOURCE ANALYSIS AND SIMULATION OF ECOSY	4
REGIONAL AND RESOURCE PLANNING ECONOMICS OF RORA	30
REGIONAL PLANNING THE APPLICATION OF ECOLOGICAL	139
REGIONS PRODUCTIVITY OF ARCTIC BRYOPHYTES	30
REGIONS SPORT FISHERY IMPACT ON GREAT LAKES	156
REGIONS URBAN SONY CAMPUS ECOLOGY & DESIGN	80
REGULATION PICKEREL TAGGING STUDIES LAKE WINNIPE	38
REGULATIONS WILDLIFE RESEARCH AND GENERAL ADMIN	406
RELATES TO ENERGY FLOW AND POPULATION DYNAMICS O	66
RELATIONSHIPS AND CORRELATION OF ASSOCIATED ENVI	112
RELATIONSHIPS ECOLOGY OF INTRODUCED UNGLATES	98
RELATIONSHIPS FISHERIES BIOLOGIST AQUATIC BIOLG	61
RELATIONSHIPS IN BIOLOGY OF MAGNETIC AND ELECTRI	2
RELATIONSHIPS PLANT INDICATORS OF TIMBERRANGE-W	127
RELATIONSHIPS SURFACE GEOLOGY SOIL RELATIONS IN	139
RELATIONSHIPS SURVEY OF THE PLANT COMMUNITIES OF	139
RELATIONSHPIS BEHAVIOR AND POPULATION PROCESSES	70
RELATIONSHIPS SOUTHEAST ALASKA LARGE MAMMAL EC	132
RELEASE PHYTOPLANKTON PRODUCTION AND NON-LIVING	2
RELEASE FERTILIZER STUDY	2
REPRODUCTION AND ECOLOGY OF EUTANIAS ECOLOGY OF	131
REPRODUCTIVE ARCTIC AND BOREAL ORNITHOLOGY & MA	157
REPRODUCTIVE ECOLOGY OF AN ESTUARINE ACEOL SAND	64
REPRODUCTIVE ECOLOGY OF MARINE BENTHIC ORGANISMS	149
RES. DEVELOPMENT OF INTERDISCIPLINARY APPROACHE	149
RESERVOIR AQUATIC INSECTS OF ARCTIC PONDS TAXONO	79
RESERVOIR ON WILDLIFE AND VEGETATION EFFECT OF R	83
RESERVOIR QUATERNARY & ECOLOGICAL INVESTIGATIONS	107
RESERVOIR SITE WILDLIFE - HABITAT RELATIONSHPIS	122
RESERVOIR SITE ON BOW RIVER ECOLOGY AND LIFE HI	132
RESIDUES (SOILS WATERS PLANT) TOXICOLOGY (HEP	148
RESIDUES IN MAN AND ANIMALS WITH IMPAIRED HEPATI	101
RESILIENCE IN WATER RESOURCE PLANNING REVIEW OF	101
RESOURCE AND ENVIRONMENTAL PLANNING AND POLICY E	26
RESOURCE ASSESSMENT ALLOCATION AND MANAGEMENT E	47
RESOURCE DEVELOPMENT WILLAPA HARBOR NAVIGATION E	126
RESOURCE DEVELOPMENT WITH LEAST ENVIRONMENT POLL	93
RESOURCE MANAGEMENT OKANAGAN WATER RESOURCE MARI	24
RESOURCE MANAGEMENT STUDY ESTUARINE RESEARCH ALG	146
RESOURCE PLANNING ECONOMICS OF RURAL LAND USE EC	106
RESOURCE PLANNING REVIEW OF RESOURCE/ENVIRONMENT	30
RESOURCE/ENVIRONMENT TRAINING PROGRESS INFORMATI	26
RESOURCES DETOXIFICATION OF KRAFT MILL EFFLUENT	26
RESOURCES RUNNING WATER ANIMAL COMMUNITIES IN SU	136
RESOURCES STUDY OF GOAN DOVES STUDY OF PROT BAT	152
RESPONSE OF ALEWIVES TO ENVIRONMENTAL STRESS EPP	112
RESPONSE OF ALEWIVES TO ENVIRONMENTAL STRESS EPP	28
RESPONSE OF FISH AND FISH COMMUNITIES TO ENVIRON	29
RESPONSE OF FISH AND FISH COMMUNITIES TO ENVIRON	29
RESPONSE TO MAN-MADE CHANGE EFFECT OF PROPOSED R	28
RESPONSE TO PLANT NUTRIENTS-SEVEN CROPS TROP-TEM	107
REVEG. USE OF PLANTS GENERAL CON	150
REVEGETATION OF DAMAGED AREAS CASCADE PASS WAS	13
REVEGETATION OF EXPOSED BANKS ALONG 360 MILES OF	39
REVEGETATION SAND DONE STAB. SHORELINE REVEG.	116
RICE INSECT PESTS WITH DOW INSECTICIDES CONTROL	13
RIVER PHYSIOLOGICAL ECOLOGY AND VERTEBRATE E	1
RIVER ECOLOGY AND LIFE HISTORY OF FRESHWATER FI	130
RIVER ECOLOGY OF STEAM BENTROS DISTRIBUTION OF	188
RIVER DELTA PROJECT HORMONES AND SEASONAL COLOR	164
RIVER ECOLOGY AQUATIC ECOLOGY WATER POLLUTION	64
RIVER ALBERTA BEHAVIORAL RESPONSES OF MOUNTAIN	83
ROCKS INTERCHANGE REACTION RATE OF H+ ON 2:1 CLA	140
ROCKS-RESEARCH BASIN TRACER MOVEMENT IN SATURATE	49
ROLLERS LARVAL COMPETITION OF CODLING MOTR	81
ROOT BORER WEEVIL ELECTROPHYSIOLOGY OF INSECTS -	89
ROOTS* OF ECOLOGICAL SYSTEMS COAL PROPERTY & EVA	97
ROGOSITY AND SPECIES DIVERSITY SILURIAN ECHIUROI	122
RULE SOIL SCIENCE IN CENTRAL-AG SECTOR ANALYSIS	124
RUMINANTS BEEP PRODUCTION FROM GRAZING AND INTEN	150
RUNNING WATER ANIMAL COMMUNITIES IN SUBARCTIC PE	63
RUNNING WATER ECOLOGY BIRD ECOLOGY CONSERVATIO	152
RURAL LAND USE ECOLOGICAL ANALYSIS OF WATERLOO C	152
RBST SPREAD OF EUROPEAN SPODCE SAWFLY SYSTEMATI	30
S.W. U.S. ECOLOGY AND CO2 GAS EXCHANGE OF ARCTIC	165
SAC. CO. PLANNING EXECUTIVE EFFECTIVENESS GEOGRA	100

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

CULATION OF A SMALL EUTROPHIC LAKE PRIMARY PRODUCTION OF	59
CIPAL SEWAGE OF SALMON TOXICITY OF HEAVY METALS TO IOUNG	136
Y OF MAGNETIC AND ELECTRIC FIELDS ELECTRO SENSITIVITY OF	127
F VAIGAI DAN FISHES ENVIRONMENTAL PHYSIOLOGY OF ATLANTIC	78
ENT BY AN AERATED LAGOON TOXICITY OF MUNICIPAL SPRAGE OF	136
RAL WATERS AND SEDIMENTS ACTION OF ORGANIC AND METALLIC	5
AQUATIC ECOLOGY EFFECTS OF ATMOSPHERIC NUCLEAR TESTS ON	149
ION ABUNDANCE REPRODUCTIVE ECOLOGY OF AN ESTUARINE ACOEL	13
USE OF PLANTS GENERAL CONSERVATION USES MINE REVEGETATION	3
IN LAND USE STUDIES AND CONSERVATION LAND USE IN SPOPK	40
ITATION ESPECIALLY AS RELATED TO HOSPITAL AND INDUSTRIAL	40
O HOSPITAL AND INDUSTRIAL SANITATION AND FOOD PROCESSING	40
TITIS CONTROL IMMUNOLOGICAL MICROBIOLOGY ENVIRONMENTAL	40
CONOMIC AND BIOLOGICAL FISHERIES MANAGEMENT CONSULTANT -	36
EDLING DEVELOPMENT OF TRISTLES THE SPREAD OF TOADFLAY IN	166
EP OF A STREAM FISHERY ANALYSIS OF FISH INTRODUCATORS IN	88
-FACTURED CRIS. ROCKS-RESEARCH BASIN TRACER MOVEMENT IN	81
OLUTION OF ORIOLES GEOGRAPHIC VARIATION AND EVOLUTION OF	123
VIOR ECOLOGY OF MARSUPIALS WESTERN AUSTRALIA ECOLOGY OF	60
PLY SYSTEMATICS OF INSECTS WITH PARTICULAR REFERENCE TO	165
OF SPRUCE BUDWORM BIONOMICS AND TAXONOMY OF WEB-SPINNING	42
SUSANA DIORICTRIA IN GALL RUST SPREAD OF EUROPEAN SPRUCE	165
WATER CHRISTMAS TREE FERTILIZATION AND PROTECTION LARGE	125
GAME RESEARCH AND GAME MANAGEMENT WOLVERINE IN	76
DISEASE ZOONOSIS OF INDONESIA INTRODUCTION OF HOMINGNES	153
ERGI FLOW IN HUMIC LAKES EUTROPHICATION OF HELSINKI CITY	84
CONSERVATION VALUES TO PUBLIC ARCTIC ECOLOGY ECOLOGY OF	57
NISMS AND THE RELATIONSHIP BETWEEN TROPIC LEVELS IN THE	110
TANT - SARDINES COASTAL ZONE MANAGEMENT FOR CALIFORNIA	36
IDS IN FOOD WEBS UNIDENTIFIED MICROORGANISMS IN THE DEEP	69
ION FOR PEACE ATABASIA RIVER DELTA PROJECT HORHONES AND	64
GEOGRAPHIC VARIATION AND EVOLUTION OF SAVANNAH SPARROWS	123
IN REEF LAGOON ST. CROIX ADVICE ON METHODS FOR KEEPING	56
Y OF ALBERTA LAKES DISTRIBUTION ECOLOGY TAXONOMY AND	52
TROP-TEMPR. EL/SALVADOR RICE SOIL SCIENCE IN CENTRAL-AG	158
L SCIENCE FERTILIZER USE ECONOMICS ALL CLIMATIC ZONES AG	158
ERS MICROBE-POLLUTANT INTERACTIONS IN NATURAL WATERS AND	2
MTS AND PLANT COMMUNITIES. PHYSIOLOGICAL ECOLOGY TRISTLE	166
OWTH AND DEVELOPMENT BIOCEHENICAL ECOLOGY OF LOWER PLANTS	12
LE SEED DEVELOPMENT AND THE EFFECT OF THE ENVIRONMENT ON	166
LS AND OIL SEEDS INCLUDES WINTER INCREASE IN CALIFORNIA	15
ALIPORNIA VARIETY VERIFICATION OF PEDIGREED SEED STOCKS	15
- WINTER IN CALIFORNIA VARIETY VERIFICATION OF PEDIGREED	15
EFFECT OF THE ENVIRONMENT ON SEED GERMINATION AND EARLY	166
SASKATCHEWAN AND THE EFFECT OF THE ENVIRONMENT ON WEED	166
STOCKS SEED PURIFICATION & INCREASE OF CEREALS AND OIL	15
BALPING SMALL MAMMAL ECOLOGY IN WASHINGTON STATE HABITAT	94
WIVES ON BEACHES THERMAL RELIATIONS OF FISH. TEMPERATURE	91
IN CONTINUOUS FLOW OF FRESH MEDIUM HORRORAL EFFECTS ON	99
TROM MICROSCOPI OF INSECT SENSE ORGANS ULTRASTRUCTURE OF	65
ACEPPLI ELECTRON MICROSCOPI OF INSECT	65
SHIPS IN BIOLOGY OF MAGNETIC AND ELECTRIC FIELDS ELECTRO	127
PIGS AND RATS BAIT-SHYNES IN GUINEA PIGS THE STUDI OF	17
HILL EMPLOYMENT BY AN AERATED LAGOON TOXICITY OF MUNICIPAL	136
ES IN VIENNA INVESTIGATION ON TOXICITY OF DETERGENTS AND	160
ODING TOXICITY OF NON NUTRIENT ELEMENTS LAND DISPOSAL OF	9
GRAMS MINE INDUSTRIAL DOMESTIC VICTONIA DISTRICT TRUCK	43
ATER FISHES LIFE HISTORY OF PROSODIUM WILLIAMSONI IN THE	148
POPULATIONS BACTERIAL AND VIRAL CONTAMINATION OF BIVALVE	19
VALVE SHELLFISH CONSULTING ON DESIGN AND CONSTRUCTION OF	19
AREA ECOLOGY BIRDS AIRPORT MONTREAL MIGRATION FLIWAY OF	31
ENERAL CONSERVATION USES MINE REVEGETATION SAND DUNE STAB.	13
AND POPULATION DYNAMICS OF SHRIMP COMMERCIAL CULTURE OF	67
ISR AND INVERTEBRATES BIOLOGY AND POPULATION DYNAMICS OF	67
C CICHLIDS TAXONOMY OF TRONICTRIS FROM BRITISH RONDURAS	58
I-RAY DIFFERENTIAL ANALYSIS CREM. THENNOD. ANALYSIS OF	49
TURE INTERTIDAL SUBSTRATE ROGOSITY AND SPECIES DIVERSITY	5
N GUPPIES LARGO CREEK CEMO REVIEW ECOLOGICAL STUDIES	95
A MANAGEMENT PLAN OF ESTRIE REGION, QUEBEC ANALYSIS AND	4
AS ENVIRONMENTAL QUALITY CRITERIA BIOLOGICAL CONTROL OF	80
PLANTS FOR HEAT AND MASS TRANSFERS WITH ENVIRONMENT LEAF	109
DEVELOPMENT OF CISCO SURVIVAL OF WALLEYE ON WOOD PIPER	28
D DEVELOPMENT OF CISCO SURVIVAL OF WALLEYE ON WOOD PIPER	29
OXICITY OF NON NUTRIENT ELEMENTS LAND DISPOSAL OF SEWAGE	9
I DAN FISRES ENVIRONMENTAL PHYSIOLOGY OF ATLANTIC SALMON	78
ICKANUS PARENTAL BEHAVIOR OF COPEINA ARNOLDI VERTEBRATE	41
LDI VERTEBRATE SOCIAL BEHAVIOR AND ANIMAL COMMUNICATION	41
ATIONAL PARK SOIL GENESIS CLASSIFICATION SURVEY	27
RTHERN SUDAN GARDOD HAND SOIL RECLAMATION IN WEST SUDAN	73
AS IT RELATES TO ENERGY FLOW AND POPULATION DYNAMICS OF	98
EN WOODLAND EFFECT OF RADIATION ON LOBRIONS TEPPESTRIS	98
NULE SOIL SCIENCE IN CENTRAL-AG SECTOR ANALYSIS COLOMBIA	158
AND LAND CAPABILITY, CLINTON, BRITIS COLURBIA, CANADA	133
ND CLASSIFICATION OF WATERTON LAKES NATIONAL PARK	27
GROUNDWATER; RESEARCH ON SUBSURFACE WASTE DISPOSAL AND	81
SALINE LAKES TROPIC STATUS OF SOME NEW HAMPSHIR	59
SALMON EVALUATION OF EFFLUENT TREATMENTS FOR PR	136
SALMON AND BELS ELECTRIC FIELD MODELING IN THE O	127
SALMON SMOLTS ACTIVITY STUDIES OF FISH ENVIRONM	78
SALMON TOXICITY OF HEAVY METALS TO YOUNG SALMON	136
SALTS UPON AQUATIC AND MARINE MICROBES; PATE AND	5
SAMOA EFFECTS OF ZOOPLANKTON ON PHIOPLANKTON SPE	2
SAND BEACH METIOPAGNA ECOSYSTEM REPRODUCTIVE ECO	149
SAND DUNE STAB. SHORELINE REVEG.	13
SANDLINGS: A SYSTEMS APPROACH LAND USE AND ENVIR	3
SANITATION AND FOOD PROCESSING SANITATION CONSUL	40
SANITATION CONSULTATION TO HOSPITALS FOOD PROCE	40
SANITATION ESPECIALLY AS RELATED TO HOSPITAL AND	40
SARDINES COASTAL ZONE MANAGEMENT FOR CALIFORNIA	36
SASKATCHEWAN AND THE EFFECT OF THE ENVIRONMENT	166
SASKATCHEWAN LAKE INVENTORY AND WATER CLASSIFICA	88
SATURATED POROUS MEDIA SUBSURFACE WASTE DISPOSAL	81
SAVANNAH SPARROWS SEASONAL VARIATION IN METABOLI	123
SAVANNAH WOODLAND MARSUPIALS NORTH QUEENSLAND E	60
SAWPLIES A CANADIAN SPECIES OF SOSANA DIORICTRIA	165
SAWPLIES SURVEY OF INSECTS IN FOREST NURSERIES	42
SAWPLY SYSTEMATICS OF INSECTS WITH PARTICULAR R	165
SCALE AERIAL APPLICATION OF UREA TO FOREST NITR	125
SCANDINAVIA BEAR IN ALPES CAPERCAILLIE IN ALPES	76
SCRISTOSOMIASIS IN CELEBES EPIDEMIOLOGY OF ZOOM	153
SEA AREA DEVELOPMENT OF ALGAL ASSAY PROCEDURE E	84
SEA BIRD ISLAND ECOLOGY OF THE BALD EAGLE WILDL	57
SEA ESTUARINE MANAGEMENT ESTUARINE MANAGEMENT AQ	110
SEA GRANT COMMERCIAL FISHERIES - FOOD OF COMMER	36
SEA OBSERVATIONS ON PODOPHRATHMUS VIGIL MICROBI	69
SEASONAL COLOR CHANGE HARES & PTARMIGAN ENDOCRI	64
SEASONAL VARIATION IN METABOLISM OF BLACK-CAPPED	123
SEAWATER INTAKE SCREEN CLEAN PHITOPLANKTON ECOL	56
SECONDARY PRODUCTION OF ZOOPLANKTON ORGANISMS EP	52
SECTOR ANALYSIS COLOMBIA SOIL CLIMATE CONSTRAINT	158
SECTOR ANALYSIS CROP RESPONSE TO PLANT NUTRIENTS	158
SEDIMENTS ACTION OF ORGANIC AND METALLIC SALTS	2
SEED DEVELOPMENT AND THE EFFECT OF THE ENVIRONME	166
SEED DORMANCY AND GERMINATION ROLE OF INITIATION	12
SEED GERMINATION AND EARLY SEEDLING DEVELOPMENT	166
SEED INCREASE - NEW VARIETIES - WINTER IN CALIPO	15
SEED PURIFICATION & INCREASE OF CEREALS AND OIL	15
SEED STOCKS SEED PURIFICATION & INCREASE OF CER	15
SEEDLING DEVELOPMENT OF TRISTLES THE SPREAD OF T	166
SEEDS ECOLOGICAL LIFE HISTORIES OF PERSISTENT PE	166
SEEDS INCLUDES WINTER INCREASE IN CALIFORNIA SE	15
SELECTION IN 2 SPECIES OF ALBERTA CHIPMUNKS MAM	94
SELECTION OF FISH FISH CULTURE FACTORS CAUSING	91
SENESCENCE OF YEAST IN RELATION TO FERMENTATION	99
SENSE ORGANS OR FACEPLY ELEC	65
SENSE ORGANS ULTRASTRUCTURE OF SENSE ORGANS ON P	65
SENSITIVITY OF SALMON AND BELS ELECTRIC FIELD RO	127
SENSORY DEVELOPMENT AND LEARNING PROCESSES IN AD	17
SEWAGE OF SALMON TOXICITY OF HEAVY METALS TO IOU	136
SEWAGE RADIATION EFFECT STUDIES ON SPARGAROTHS	160
SEWAGE SLUDGE LAND RECLAMATION EVALUATION OF NO	9
SEWERS UTAR MINES LTD. MARINE MONITORING CROPTON	43
SBEEP RIVER ALBERTA BEHAVIORAL RESPONSES OF MOU	148
SHELLFISH CONSULTING ON DESIGN AND CONSTRUCTION	19
SHELLFISH DEPOSITION PLANT BIOLOGY OF COMMERCIA	19
SHOBE BIRDS EASTERN-QUEBEC NORTH AMERICA BREEDIN	31
SHOBELINE REVEG. USE OF PLANTS G	13
SHRIMP BIOLOGY AND POPULATION DYNAMICS FISH AND	67
SHRIMP COMMERCIAL CULTURE OF SHRIMP BIOLOGY AND	67
SIGANID CULTURE TECHNIQUES IN THE SO. PACIFIC P	58
SILICATES BY ATOM ABSORP SPECTNOSCOPY ANALYSIS O	49
SILURIAN ECHINOID TRACES ALGAL POULING ON ACRIL	124
SILUT BAY CERD POPULATION AND PRODUCTION ECOL	95
SIMULATION OF ECOSYSTEMS ECOSYSTEM ANALYSIS SYST	4
SIMULIUM DAMNOSUM IN VITRO MASS PRODUCTION OF PA	80
SIZES IN VARIOUS ENVIRONMENTS DDT TRANSFERS IN E	109
SLUDGE DEPOSITS RESPONSE OF FISH AND FISH COMMU	28
SLUDGE DEPOSITS RESPONSE OF FISH AND FISH COMMU	29
SLUDGE LAND RECLAMATION EVALUATION OF NUTRIENT	9
SMOLTS ACTIVITY STUDIES OF FISH ENVIRONMENTAL P	78
SOCIAL BEHAVIOR AND ANIMAL COMMUNICATION SOCIAL	41
SOCIAL STIMULI AND NEST BUILDING IN THE ZEBRA PI	41
SOIL AND LAND CLASSIFICATION OF WATERTON LAKES N	27
SOIL AND WATER MANAGEMENT CONSERVATION AND CHEM	73
SOIL ANIMALS ENERGY FLOW IN MITES OF AN ASPEN WO	98
SOIL AS IT RELATES TO ENERGY FLOW AND POPULATION	98
SOIL CLIMATE CONSTRAINT TROPICAL AGRONOMY AND S	158
SOIL GENESIS AND CLASSIFICATION SOIL SURVEY LA	133
SOIL GENESIS CLASSIFICATION SURVEY SOIL AND LA	27
SOIL MOISTURE; GROUND WATER-STREAMFLOW INTERACTI	81

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

ANTIGUA, WEST INDIES WASTE MANAGEMENT IN SOILS	PHYSICAL	SOIL PROPERTIES RELATED TO WATER AND WASTE MANAG	161
ANADA DESERT CREEP CONTROL IN NORTHERN SUDAN	GARDUDD HARD	SOIL RECLAMATION IN WEST SUDAN SOIL AND WATER M	73
PLANT ASSOC. AND LAND MGT. RELATIONSHIPS	SURFACE GEOLOGY	SOIL RELATIONS IN COASTAL PLAIN GEOLOGY- SOIL-BI	139
ON RATE OF H+ ON 2:1 CLAYS	RESEARCH IN CLAY MINERALOGY	SOIL SCIENCE AND INORGANIC CHEMISTRY X-RAY DIFF	49
COLUMBIA SOIL CLIMATE CONSTRAINT	TROPICAL AGRONOMY AND	SOIL SCIENCE FERTILIZER USE ECONOMICS ALL CLIMAT	158
PLANT NUTRIENTS-SEVEN CROPS TROP-TEMPR.	EL/SALVADOR RUIE	SOIL SCIENCE IN CENTRAL-AG SECTOR ANALYSIS COLON	158
	MICROBIOLOGY OF FOREST	SOIL SLOW RELEASE FERTILIZER STUDY	131
OGICAL STUDIES OF FLORAL PRIMORDIA	PLANT PHYSIOLOGY AND	SOIL STUDIES ESPECIALLY HEAVY METAL AND OTHER EN	32
W PONDNDLAND CANADA SOIL SURVEY PCR HIGHWAY CONSTRUCTION		SOIL SURVEY AND LAND CAPABILITY CLINTON BRITIS	133
SOIL SURVEY LAND USE FOR AGRICULTURE NEC.	ENGINEERING	SOIL SURVEY AND LAND CAPABILITY CODROY NEW POD	133
URVEY AND LAND CAPABILITY CODROY NEW PONDNDLAND CANADA		SOIL SURVEY FOR HIGHWAY CONSTRUCTION SOIL SURVEY	133
ITISH COLUMBIA, CANADA SOIL GENESIS AND CLASSIFICATION		SOIL SURVEY LAND USE FOR AGRICULTURE NEC. ENG	133
RINDSTONE POINT CLASSIFICATION OF PLANT COMMUNITIES AND		SOIL TYPES AND THEIR RELATIONSHIPS SURVEY OF THE	70
MOBILITY AND AVAILABILITY IN FOREST SOILS	NITROGEN IN	SOIL WATER CHRISTMAS TREE FERTILIZATION AND PROT	125
SURFACE GEOLOGY SOIL RELATIONS IN COASTAL PLAIN	GEOLOGI-	SOIL-BIOTIC RELATIONSHIPS PLANT INDICATORS OF TI	139
IRRIGATION IN ANTIGUA WEST INDIES WASTE MANAGEMENT IN		SOILS PHYSICAL SOIL PROPERTIES RELATED TO WATER	161
NATURAL WATERS METABOLISM AND PERSISTENCE OF NCS-3260 IN		SOILS AND PLANTS PESTICIDES METABOLISM RESTUO	101
1 POLLUTANTS IN PLANTS	HEAVY METAL STUDIES IN PLANTS AND	SOILS CYTOLOGICAL STUDIES OF FLORAL PRIMORDIA	32
AL SOIL PROPERTIES RELATED TO WATER AND WASTE MANAGEMENT		SOILS FOR IRRIGATION IN ANTIGUA WEST INDIES WAS	161
GEN TRANSFORMATION MOBILITY AND AVAILABILITY IN FOREST		SOILS NITROGEN IN SOIL WATER CHRISTMAS TREE PERT	125
AN SOIL AND WATER MANAGEMENT CONSERVATION AND CHEMISTRY		SOILS OF THE KANARASKIS VALLEY OF ALBERTA CANAD	73
PICANCE AND BIOLOGY OF SOLDIER PLY BIOLOGICAL CONTROL OF		SOLDIER FLIES DISPERSION MATING BEHAVIOR PHERO	102
INSECTS WITH U.L.V. ECOLOGIC SIGNIFICANCE AND BIOLOGY OF		SOLDIER PLY BIOLOGICAL CONTROL OF SOLDIER FLIES	102
SOIOLOGY AND TAXONOMY OF ESTUARINE ANIMALS) SURVEY OF THE		SOUND SURVEY OF THE BLACKWATER ESTUARY ECOLOGY	7
NITROGEN OF MINE WASTES ENVIRONMENTAL MONITORING OF TASH		SOUND EFFECTS OF HEAVY METAL CONTAMINATION ON W	46
MENT IN SOUTHERN SPAIN LAND USE CHANGE IN NATAL MIDLANDS		SOUTH AFRICA APPLICATION OF ECOSYSTEM CONCEPT I	3
PA WEEVIL HYPERA POSTICA AGRICULTURAL INSECTS OF TONGA		SOUTH PACIFIC AGRICULTURAL INSECT BIOLOGY AND C	85
CREEK RANCH CALIFORNIA WILDLIFE-LOGGING RELATIONSHIPS		SOUTHEAST ALASKA LARGE MAMMAL ECOLOGY - POPULAT	8
ANDLINGS: A SYSTEMS APPROACH LAND USE AND ENVIRONMENT IN		SOUTHERN SPAIN LAND USE CHANGE IN NATAL MIDLANDS	3
A SYSTEMS APPROACH LAND USE AND ENVIRONMENT IN SOUTHERN		SPAIN LAND USE CHANGE IN NATAL MIDLANDS SOUTH AP	3
ITY OF DETERGENTS AND SEWAGE RADIATION EFFECT STUDIES CN		SPARGANOTNIS MELLERIANA AQUATIC ENTOMOLOGY LITH	160
P ORIOLES GEOGRAPHIC VARIATION AND EVOLUTION OF SAVANNAH		SPARROWS SEASONAL VARIATION IN METABOLISM OF BLA	123
AN TESTS ON SAMOA EFFECTS OF ZOOPLANKTON ON PHYTOPLANKTON		SPECIE MEASURING TUNA CANNERY EFFLUENT BY PHOTOG	55
YSIS CREM. THERMOD. ANALYSIS OF SILICATES BY ATOM ABSORP		SPECTROSCOPY ANALYSIS OF CARBON AND SULPHUR IN W	69
ING STUDIES LAKE WINNIPEGOSIS FRESHWATER COMMERCIAL AND		SPORT FISHERIES MANAGEMENT AND ADMINISTRATION DE	46
TION AND MANAGEMENT AQUATIC ASSESSMENT OF ARCTIC REGIONS		SPORT FISHERY IMPACT ON GREAT LAKES NWT FISHERI	126
CT TAXONOMY AND BIONOMICS TEMPERATURE AND DEVELOPMENT OF		SPROCE BUDWORM BIONOMICS AND TAXONOMY OF WEB-SPI	42
TARIAN WOOD PRODUCERS EFFECT OF UREA FERTILIZER ON BLACK		SPRUCE RAWEN. ANATOMY OF TREES AND FOREST MANAG	11
IES OF SUSANA DIORNYCTRIA IN GALL NUST SPREAD OF EUROPEAN		SPROCE SAWFLY SYSTEMATICS OF INSECTS WITH PARTI	165
ATIC ECOSYSTEMS FERTILIZER EFFECT ON PRODUCTIVITY IN LAKE		ST. CLAIB THE NATURE OF PHOTOSYNTHATE IN PHYTOPL	159
ADVICE ON PERMANIC OF DREDGING OPERATION IN REEF LAGOON		ST. CROIX ADVICE ON METHODS FOR KEEPING SEAWATER	56
ANTS GENERAL CONSERVATION USES WINE REVEGETATION SAND DUNE		STAB. SHORELINE REVEG. USE OF PL	13
L CONTROL OF INSECT PESTS AND WEEDS SUPERVISING C.I.B.C.		STAPP IN EUROPE TRINIDAD INDIA PAKISTAN MALA	140
ENMENTAL STATEMENT EDIZ HOOK BEACH EROSION ENVIRONMENTAL		STATEMENT PLANNING AND ASSESSMENT OF IMPACTS AS	93
N ENVIRONMENTAL STATEMENT HUD MOUNTAIN DAM ENVIRONMENTAL		STATEMENT EDIZ HOOK BEACH EROSION ENVIRONMENTAL	93
URCE DEVELOPMENT WILLAPA HARBOUR NAVIGATION ENVIRONMENTAL		STATEMENT HUD MOUNTAIN DAM ENVIRONMENTAL STATEME	93
UTROPHIC LAKE PRIMARY PRODUCTION OF SALINE LAKES TROPIC		STATUS OF SOME NEW RAMPSHIRE LAKES EUTROPHICATI	59
EXPERT HUNGART NON-CHEMICAL METHODS OF INSECT CONTROL		STEMULE MALE TECHNIQUE AND ATTRACTANT IN CHANGE	18
HEBENATE SOCIAL BEHAVIOR AND ANIMAL COMMUNICATION SOCIAL		STEMULE AND NEST BUILDING IN THE ZEBRA PINCH EFF	41
TER IN CALIFORNIA VARIETY VERIFICATION OF PEDIGREED SEED		STOCKS SEED DOMINATION & INCREASE OF CEREALS	15
EFIES DEVELOPMENT AND MANAGEMENT ASSESSMENT OF FISHERIES		STOCKS IN N.W.T. LAKES ASSESSMENT OF LAKES POH	163
THE ZEBRA PINCH EFFECTS OF AGONISTIC DISPLAYS IN BARBUS		STOLICKANDS PARENTAL BEHAVIOR OF COPEPINA ARNOLDI	41
N LAKE INVENTORY AND WATER CLASSIFICATION EVALUATION OF		STREAM AND LAKE FISHERY MANAGEMENT PRACTICES BIO	88
OF INSTALLING PIPELINE ACROSS DETROIT RIVER ECOLOGY OF		STREAM BENTHOS DISTRIBUTION OF ANIMALS IN STREAM	164
NT PRACTICES BIOL. RECREATIONAL AND ECON. PARAMETER OF A		STREAM FISHERY ANALYSIS OF FISH INTRODUCTIONS IN	88
EP ECOLOGY OF STREAM BENTHOS DISTRIBUTION OF ANIMALS IN		STREAMEEDS EFFECT OF INSTALLING PIPELINE ACROSS	164
VIROHMENTAL STRESS RESPONSE OF ALEWIVES TO ENVIRONMENTAL		STRESS EFFECT OF TEMPERATURE OF SURVIVAL AND DEV	29
VIROHMENTAL STRESS RESPONSE OF ALEWIVES TO ENVIRONMENTAL		STRESS EFFECT OF TEMPERATURE ON SURVIVAL AND DEV	28
RESPONSE OF FISH AND FISH COMMUNITIES TO ENVIRONMENTAL		STRESS RESPONSE OF ALEWIVES TO ENVIRONMENTAL STR	20
RESPONSE OF FISH AND FISH COMMUNITIES TO ENVIRONMENTAL		STRESS RESPONSE OF ALEWIVES TO ENVIRONMENTAL STR	29
CRITIC PLATES INFLUENCE OF SUBSTRATE TYPE ON POPULATION		STRUCTURE INTERTIDAL SUBSTRATE ROGOSITY AND SPEC	124
NATURAL RESEARCH AREA SURVEY PLANT COMMUNITY ECOLOGY -		STRUCTURE DYNAMICS COMPOSITION; TAXONOMY PEDO	39
DLARLT GRAPPE; ALSO TEROLAR PROBLEMS DIRECTING GRADUATE		STUDENTS IN WILDLIFE ECOLOGY ECOLOGY OF EAST APR	50
BERTA CRIPDRRKS MAMMALIA ECOLOGY - HABITAT UTILIZATION		SUBALPINE SMALL MAMMAL ECOLOGY IN WASHINGTON STA	92
ON NATURAL RESOURCES RUNNING WATER ANIMAL COMMUNITIES IN		SUBARCTIC PESTICIDE EFFECTS ON BIRD ACTIVITY NIG	152
OF ARCTIC MOSSES ECOLOGY AND PHOTOSYNTHESIS PATTERNS OF		SUBARCTIC PLANTS PHYSIOLOGICAL PLANT ECOLOGY IN	100
NINE BENTHIC SUSPENSION FEEDERS PALAONAL SURVEY OF PACIFIC		SUBMARINE CAVES DEEP SUBMERSSIBLE SURVEY OF JAMA	121
ON FEEDERS PALAONAL SURVEY OF PACIFIC SUBMARINE CAVES DEPE		SUBMERSSIBLE SURVEY OF JAMAICA REEPS BIOLOGY ECOL	121
NCE OF SUBSTRATE TYPE ON POPULATION STRUCTURE INTERTIDAL		SUBSTRATE ROGOSITY AND SPECIES DIVERSITY SILHORIA	124
OID TRACES ALGAL POOLING OR ACRYLIC PLATES INFLUENCE OF		SUBSTRATE TYPE ON POPULATION STRUCTURE INTERTIDA	124
RESEARCH BASIN TRACER MOVEMENT IN SATURATED POROUS MEDIA		SUBSURFACE WASTE DISPOSAL GROUNDWATER; RESEARCH	81
EDIA SUBSURFACE WASTE DISPOSAL GROUNDWATER; RESEARCH CN		SUBSURFACE WASTE DISPOSAL AND SOIL MOISTURE; GR	81
AGRICULTURAL INSECT BIOLOGY AND CONTROL IN TEMPERATE AND		SUBTROPICAL AREAS ECOPHYSIOLOGY - BIONOMICS OF	85
ZBEC POPULATION ECOLOGY OF BIRDS IN BELATION WITH PLANT		SUCCESSION POPULATION STUDY OF BIRDS OF LA MAURI	37
L IN NORTHERN SUDAN GARDUDD HARD SOIL RECLAMATION IN WEST		SUDAN SOIL AND WATER MANAGEMENT CONSERVATION AN	73
LET OF ALBERTA CANADA DESERT CREEP CONTROL IN NORTHERN		SUDAN GARDUDD HARD SOIL RECLAMATION IN WEST SUDAN	73
CONCEPT IN LAND USE STUDIES AND CONSERVATION LAND USE IN		SUPPOLK SANDLINGS: A SYSTEMS APPROACH LAND USE	3
HARDWOOD FOREST ASBESTOS TAILINGS AND POLLUTION OF MAPLE		SUGAR CANE PESTS BIOLOGY OF THE WEST INDIAN HOOT	116
ATIONS AS RELATED TO PEST CONTROL POPULATION DYNAMICS OF		SULPHUR IN NINEBOLOG AND BOCKS INTERCHANGE REAC	97
CATES BY ATOM ABSORP SPECTROSCOPY ANALYSIS OF CARBON AND		SUNT CAMPUS . ECOLOGY & DESIGN 006 HIGHWAY IMPAC	38
NS ECOLOGY RELATED TO URBAN AND URBANIZING REGIONS UTICA		SUPERVISING C.I.B.C. STAFF IN EUROPE TRINIDAD	140
ARGENTINA. BIOLOGICAL CONTROL OF INSECT PESTS AND WEEDS		SUPPRESSION OF MACADAMIA INSECTS WITH D.L.V. ECO	102
BEHAVIOR PHEROMONES MASS-REARING OF HOMOPUSONA VAGELLA		SURFACE GEOLOGY SOIL RELATIONS IN COASTAL PLAIN	139
S; GEOLOGYSOIL&PLANT ASSOC. AND LAND MGT. RELATIONSHIPS		SURFICIAL DEPOSITS AND THEIR RELATIONSHIP TO THE	122
GATIONS - OGILVIE MTRS., YUKON GEOLOGY OF LANDFORMS AND			

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

IRDS OF NORTH CHILE POPULATION ESTIMATES AND ECOLOGICAL	92
LEWIVES TO ENVIRONMENTAL STRESS EFFECT OF TEMPERATURE ON	28
LEWIVES TO ENVIRONMENTAL STRESS EFFECT OF TEMPERATURE ON	29
EFFECT OF TEMPERATURE ON SURVIVAL AND DEVELOPMENT OF CISCO	29
EFFECT OF TEMPERATURE ON SURVIVAL AND DEVELOPMENT OF CISCO	28
R PARTICULAR REFERENCE TO SAWFLIES A CANADIAN SPECIES OF	165
MOSPONGIAE FEEDING AND ENERGY BUDGETS OF MARINE BERTRIC	121
IN THE ARIZONA DESERT MIGRATION & BEHAVIOR OF WHISTLING	134
SURVEY OF THE BLACKWATER ESTUARY ECOLOGY OF LAGOON "THE	7
ELDS OF GREATEST COMPETENCE SOME BEHAVIOR DIFFERENCES OF	58
CY AND GERMINATION ROLE OF INITIATION FACTORS IN PROTEIN	12
LICHENS AND HIGH PLANT COMMUNITIES ROLE OF THE LICHEN	118
I PALM INSECT PEST SURVEY WEST NEW BRITAIN CACAO WEEVIL	144
E OF THE CANADIAN ARCTIC SYSTEMATICS OF CORALLINE ALGAE	82
CHARD PESTS PEST MANAGEMENT BIOLOGICAL CONTROL INSECT	10
ICKADEES GEOGRAPHIC VARIATION OF ANIMALS; EVOLUTION AND	123
REGIONS PRODUCTIVITY OF ARCTIC BRYOPHYTES ECOLOGY AND	156
LOGY OF MARINE ALGAE MARINE ALGAE OF THE CANADIAN ARCTIC	82
THEMATIC EVOLUTIONARY BIOGEOGRAPHICAL STUDIES ELATEROY	144
IOICYTRIA IN GALL RUST SPREAD OF EUROPEAN SPROUCE SAWFLY	165
ETERN HAILROAD FOREST ECOLOGY EFFECT OF CHANGING WATER	116
ARING AREAS LAKE DAUPHIN WATER LEVEL REGULATION PICKEREL	66
EFFECT OF CHANGING WATER TABLE ON HARDWOOD FOREST ASBESTOS	116
FISHERY IMPACT ON GREAT LAKES NWT FISHERIES DEVELOPMENT	126
AL MONITORING OF WAMP WASTES ENVIRONMENTAL MONITORING OF	46
LOPEZIA AND PACHYELLA CHECK LIST OF CARIBBEAN PEZIZALES	113
G SAWFLIES SURVEY OF INSECTS IN FOREST NURSERIES INSECT	42
IOLOGY OF DEEP-SEA PELAGIC ENVIRONMENT AND PITOPLANKTON	69
CULTURE TECHNIQUES IN THE SO. PACIFIC FISH BEHAVIOR AND	58
POLLUTION BY A RESERVOIR AQUATIC INSECTS OF ARCTIC PONDS	83
ACKISH-WATERS ESPECIALLY ESTUARIES (I.M. PHYSIOLOGY AND	7
RISTLE BIOLOGY ECOLOGY CONTROL OF DIPTERA ON LIVESTOCK	58
REFERENCE SOME BEHAVIOR DIFFERENCES OF SYMPATRIC CICHLIDS	5
PERATURE AND DEVELOPMENT OF SPROUCE BODWORM BIONOMICS AND	42
TUDES INVENTORY OF ALBERTA LAKES DISTRIBUTION ECOLOGY	5
CONTROL OF DIPTERA ON LIVESTOCK TAXONOMY OF PACHYBRACHIS	129
JOINT ACTION INSECT TOXICOLOGY DERMAPTERA NUMERICAL	39
NT COMMUNITY ECOLOGY - STRUCTURE DYNAMICS COMPOSITION;	155
POSITION STUDIES IN DRY FISH STUDIES IN FISHERIES FOOD	128
OS HISTO-MORPHOLOGY AND CYTOLOGY OF THE PANCREAS OF SOME	33
-MORPHOLOGY & HISTO-CHEMISTRY OF THE DIGESTIVE ORGANS OF	33
SOUTH PACIFIC AGRICULTURAL INSECT BIOLOGY AND CONTROL IN	85
SECTS IN FOREST NURSERIES INSECT TAXONOMY AND BIONOMICS	42
ESIS OF ALGAE LIGHT EFFECTS (INTENSITY AND QUALITY) AND	159
S RESPONSE OF ALEWIVES TO ENVIRONMENTAL STRESS EFFECT OF	29
S RESPONSE OF ALEWIVES TO ENVIRONMENTAL STRESS EFFECT OF	28
BY DEAD ALEWIVES ON BEACHES THERMAL RELATIONS OF FISH.	91
D BY ROMAN WASTES ECOLOGY OF PERCH OF LAC LEMAN INTERNAL	16
ECOLOGY PRODUCTIVITY AND DYNAMICS OF	104
ALS POPULATION DYNAMICS OF CALIF. QUAIL THE DYNAMICS OF	137
ES OF AN ASPER WOODLAND EFFECT OF RADIATION ON LONGBIONS	98
F ECOSYSTEMS ECOSYSTEM ANALYSIS SYSTEMS ANALYSIS OF LAKE	4
SECONDARY PRODUCTION OF ZOOPLANKTON ORGANISMS EFFECT OF	5
EMOTERA RIVER ECOLOGY AQUATIC ECOLOGY WATER POLLUTION	83
MINIMIZING POLLUTION CAUSED BY DEAD ALEWIVES ON BEACHES	91
ORCHILL FALLS LABRADOR ENVIRONMENTAL STUDY BOUNDARY LAM	103
W "HEMIPHILIC ALGAE AND AN OSTRACOD	163
D INORGANIC CHEMISTRY I-RAY DIFFERENTIAL ANALYSIS CLEM.	49
THERMOBIOLOGY AND MICROBIAL ECOLOGY ECOLOGY OF TWO	163
A ESPECIALLY CHRYSOMELIDAE HISTOLOGICAL CONTROL OF CANADA	5
) ON PLANTS AND PLANT COMMUNITIES. PHYSIOLOGICAL ECOLOGY	166
NT ON SEED GERMINATION AND EARLY SEEDLING DEVELOPMENT OF	166
E BEHAVIOR DIFFERENCES OF SYMPATRIC CICHLIDS TAXONOMY OF	58
ODOLOGIA PARA DETERMINACION CAPACIDAD DE USO MAYOR DE LA	150
N GEOLOGY- SOIL-BIOTIC RELATIONSHIPS PLANT INDICATORS OF	139
VIROENMENT AND PITOPLANKTON TAXONOMY AND ECOLOGY ROLE OF	69
AND EARLY SEEDLING DEVELOPMENT OF THISTLES THE SPREAD OF	166
APHID ECOLOGY TOBACCO CUTWORMS APPLE APHIDS PEA APHIDS	142
SECT AND MITE ECOLOGY ORCHARD APPLE PEA APHID ECOLOGY	142
F ALPALPA WEPVIL RIPERA POSTICA AGRICULTURAL INSECTS OF	85
L AND AQUATIC INSECTS STUDIES IN VIENNA INVESTIGATION ON	160
AN ABATED LAGOON TOXICITY OF MUNICIPAL SEWAGE OF SALMON	136
TOXIFICATION OF KRAFT MILL EFFLUENT BY AN ABATED LAGOON	136
EVALUATION OF NUTRIENT REQUIREMENTS OF CROPS INCLUDING	9
PESTICIDES METABOLISM RESIDUES (SOILS WATERS PLANT)	101
PTERA, JOINT ACTION OF INSECTICIDE JOINT ACTION INSECT	129
EFFECTS OF NATURAL	105
R OF ANOXIC SYSTEMS	48
N POPULATIONS IN RELATION TO LIGHT QUALITY THE EFFECT OF	159
ACTIONS GROUNDWATER-FRACTURED CHRYS. ROCKS-RESEARCH BASIN	81
STRATE BUGOSITY AND SPECIES DIVERSITY SILUBIAN ECHIDROID	124
ESTICIDE EFFECTS ON BIRD ACTIVITY MIGRATORY BIRDS AS AIR	152
N WATER RESOURCE PLANNING REVIEW OF RESOURCE/ENVIRONMENT	26
STLING SWAN ORNITHOLOGICAL INVESTIGATION OF THE PROPOSED	134
SURVEYS OF BIRDS PACIFIC OCEAN BIOLOGICAL SURVEY	92
SURVIVAL AND DEVELOPMENT OF CISCO SURVIVAL OF WA	28
SURVIVAL AND DEVELOPMENT OF CISCO SURVIVAL OF WA	29
SURVIVAL OF WALLEYE ON WOOD FIBER SLUDGE DEPOSIT	29
SURVIVAL OF WALLEYES ON WOOD FIBRE SLUDGE DEPOSIT	28
SOSANA DIORICTRIA IN GALL RUST SPREAD OF POROPRA	165
SOSPENSION FEEDERS PADJAL SURVEY OF PACIFIC SWAN	121
SWAN ORNITHOLOGICAL INVESTIGATION OF THE PROPOSED	134
SWANPOOL" ECOLOGY OF BRACKISH-WATERS ESPECIALLY	7
SYMPATRIC CICHLIDS TAXONOMY OF THORICHTHYS FROM	58
SYNTHESIS PLANT BIOCHEMISTRY PLANT PHYSIOLOGY	12
SYNDOSIA IN HEATH COMMUNITIES LICHEN COLLECTION O	118
SYSTEMATIC EVOLUTIONARY BIOGEOGRAPHICAL STUDIES	144
SYSTEMATICS AND ECOLOGY OF MARINE ALGAE MARINE A	82
SYSTEMATICS EVALUATION OF BIOLOGICAL CONTROL EVA	10
SYSTEMATICS EVOLUTION OF ORIOLES GEOGRAPHIC VARI	123
SYSTEMATICS OF BRYOPHYTES PARTICULARLY IN POLAR	156
SYSTEMATICS OF CORALLINE ALGAE SYSTEMATICS AND	82
SYSTEMATICS OF INSECTS LEADING TO EVOLUTIONARY A	144
SYSTEMATICS OF INSECTS WITH PARTICULAR REFERENCE	165
TABLE ON HARDWOOD FOREST ASBESTOS TAILINGS AND P	116
TAGGING STUDIES LAKE WINNIPEGOSIS FRESHWATER CO	66
TAILINGS AND POLLUTION OF MAPLE SUGAR GROVES STO	116
TASK FORCE FISHERIES RESOURCE ASSESSMENT" ALLOC	126
TASO SOUND EFFECTS OF HEAVY METAL CONTAMINATION	46
TAXONOMY AND BIOLOGY OF THE OPERCULATE DISCOMICE	113
TAXONOMY AND BIONOMICS TEMPERATURE AND DEVELOPE	42
TAXONOMY AND ECOLOGY ROLE OF TINTINNIIDS IN FOOD	69
TAXONOMY ARE THE FIELDS OF GREATEST COMPETENCE S	58
TAXONOMY OF AQUATIC INSECTS OF WEST INTERIOR OF	83
TAXONOMY OF ESTUARINE ANIMALS) SURVEY OF THE SOL	7
TAXONOMY OF PACHYBRACHIS TAXONOMY BIOLOGY ZOO	58
TAXONOMY OF THORICHTHYS FROM BRITISH HONDURAS ST	5
TAXONOMY OF WEB-SPINNING SAWFLIES SURVEY OF INSE	42
TAXONOMY AND SECONDARY PRODUCTION OF ZOOPLANKTON	5
TAXONOMY BIOLOGY ZOOGEOGRAPHY OF COLEOPTERA E	129
TAXONOMY FOREST ENTOMOLOGY EVOLUTIONAL BIOLOGY	39
TAXONOMY PEDOLOGY OF REVEGETATION OF DAMAGED AR	155
TEACHING OF GENERAL VERTEBRATE BIOLOGY	128
TECHNOLOGY BECHE-DE-MER CONSULTANT IMPROVING OJA	33
TELOSTEAN FISHES HISTO-MORPHOLOGY & HISTO-CHEM	33
TELOSTEAN FISHES STUDIES ON THE DIGESTIVE SYSTEM	85
TEMPERATE AND SUBTROPICAL AREAS ECOPHYSIOLOGY -	42
TEMPERATURE AND DEVELOPMENT OF SPROUCE BODWORM BI	159
TEMPERATURE EFFECTS ON METABOLISM OF ALGAE AND T	28
TEMPERATURE OF SURVIVAL AND DEVELOPMENT OF CISCO	29
TEMPERATURE ON SURVIVAL AND DEVELOPMENT OF CISCO	28
TEMPERATURE SELECTION OF FISH FISH CULTURE FACT	91
TEMPERATURES ANTARCTIC PENGUINS ARTHROPOD ECOLOG	16
TERRESTRIAL ECOSYSTEMS PARTICULARLY FORESTS	104
TERRESTRIAL VERTEBRATES ESPECIALLY BIRDS AND MAN	137
TERRESTRIAL SOIL AS IT RELATES TO ENERGY FLOW AN	98
TEXOMA MANAGEMENT PLAN OF ESTRIE REGION QUEBEC	4
THERMAL EFFLUENT OF BIOTA HEATED EFFLUENT AT HIGH	83
THERMAL POLLUTION BY A RESERVOIR AQUATIC INSECTS	91
THERMAL RELATIONS OF FISH. TEMPERATURE SELECTION	103
THERMAL STUDY AQUATIC PRODUCTIVITY PHYTOPLANKTON	163
THERMOBIOLOGY AND MICROBIAL ECOLOGY ECOLOGY OF T	49
THERMOPHILIC ALGAE AND AN OSTRACOD	163
THISTLE BIOLOGY ECOLOGY CONTROL OF DIPTERA ON	5
THISTLE SEED DEVELOPMENT AND THE EFFECT OF THE B	166
THISTLES THE SPREAD OF TOADFLAX IN SASKATCHEWAN	166
THORICHTHYS FROM BRITISH HONDURAS SIGANID CULTOR	58
TIERRA EN COLOMBIA LIFE ZONE SYSTEM OF ECOLOGIC	150
TIERERSTRANGE-WILDLIFE CLASS SYSTEMS ANALYSIS; G	139
TINTINNIIDS IN FOOD WEBS UNIDENTIFIED MICROORGANI	69
TOADFLAX IN SASKATCHEWAN AND THE EFFECT OF THE B	166
TOBACCO CUTWORMS INSECT AND MITE ECOLOGY ORCHA	142
TOBACCO CUTWORMS APPLE APHIDS PEA APHIDS TOBACCO	142
TONGA SOUTH PACIFIC AGRICULTURAL INSECT BIOLOG	85
TOXICITY OF DETERGENTS AND SEWAGE RADIATION EFFE	160
TOXICITY OF HEAVY METALS TO YOUNG SALMON EVALUA	136
TOXICITY OF MUNICIPAL SEWAGE OF SALMON TOXICITY	136
TOXICITY OF NON NUTRIENT ELEMENTS LAND DISPOSAL	9
TOXICOLOGY (HEPATIC DYSFUNCTION AND PESTICIDE IN	101
TOXICOLOGY DERMAPTERA NUMERICAL TAXONOMY PORE	129
TOURS ON NERVE AND MUSCLE SYSTEMS	105
TRACE ELEMENT CHEMISTRY OF OCEANS & IN PARTICULA	48
TRACE METALS ON GROWTH AND PHOTOSYNTHESIS OF ALG	159
TRACER MOVEMENT IN SATURATED POROUS MEDIA SUBSOR	81
TRACES ALGAL FODLING ON ACRYLIC PLATES INFLUENC	124
TRAFFIC HAZARDS RUNNING WATER ECOLOGY BIRD ECO	152
TRAINING PROGRESS INFORMATION FLOW IN NEW YORK C	26
TRANS- CANADIAN PIPELINE STUDY OF ANIMAL BEHAVI	134

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

WITH ENVIRONMENT LEAF SIZES IN VARIOUS ENVIRONMENTS	TRANSFERS IN ECOSYSTEMS ADAPTATIONS OF PLANTS	109
S IN ECOSYSTEMS ADAPTATIONS OF PLANTS FOR HEAT AND MASS	TRANSFERS WITH ENVIRONMENT LEAF SIZES IN VARIOUS	109
SCALE AERIAL APPLICATION OF UREA TO FOREST NITROGEN	TRANSFORMATION MOBILITY AND AVAILABILITY IN PO	125
OF HEAVY METALS TO YOUNG SALMON EVALUATION OF EFFLUENT	TREATMENTS FOR PROTECTION OF FISHERY RESOURCES	136
ABILITY IN PORPHYR SOILS NITROGEN IN SOIL WATER CHRISTMAS	TREE FERTILIZATION AND PROTECTION LARGE SCALE AR	125
OF UREA FERTILIZER ON BLACK SPRUCE REGEN. ANATOMY OF	TREES AND FOREST MANAGEMENT ASSESSMENT OF YELLOW	11
ON POPULATIONS OF TRIBOLIUM UNDER LABORATORY CONDITIONS	TRIBOLIUM POPULATIONS MATHEMATICAL MODELS	147
POPULATIONS MATHEMATICAL MODELS ON POPULATIONS OF	TRIBOLIUM UNDER LABORATORY CONDITIONS TRIBOLIUM	147
L PATHOLOGY LEAD POISONING IN WATERPOWLE BRIZOTOLOGY OF	TRICHAMONTIASIS IN DOVES WATERPOW	138
CT PESTS AND WEGOS SUPERVISING C.I.B.C. STAFF IN EUROPE	TRINIDAD INDIA PAKISTAN MALAYA AND WEST APRI	140
OR ANALYSIS CROP RESPONSE TO PLANT NUTRIENTS-SEVER CROPS	TROP-TEMPR. EL/SALVADOR ROLE SOIL SCIENCE IN CEN	15B
EMISTRY OF MARINE ORGANISMS AND THE RELATIONSHIP BETWEEN	TROPIC LEVELS IN THE SEA ESTUARINE MANAGEMENT E	110
SMALL EUTROPHIC LAKE PRIMARY PRODUCTION OF SALINE LAKES	TROPIC STATUS OF SOME NEW HAMPSHIRE LAKES EUTR	59
REAL-AG SECTOR ANALYSIS COLOMBIA SOIL CLIMATE CONSTRAINT	TROPICAL AGRONOMY AND SOIL SCIENCE FERTILIZER OS	158
PRODUCTION ECOLOGY ECOLOGICAL SURVEY	TROPICAL MOUNTAINS	20
PABILITY CLASSIFICATION; LAND MANAGEMENT SYSTEMS FOR THE	TROPICS ECOLOGICAL RECONNAISSANCE OF THE GOATATEP	150
VORIAL RESPONSES OF MOUNTAIN WHITEFISH AND EASTERN BROCK	TROUT ECOLOGICAL IMPACT OF PROPOSED RESERVOIR SI	148
NG PROGRAMS MINE INDUSTRIAL DOMESTIC VICTORIA DISTRICT	TRUNK SEWERS UTAB MINES LTD. MARINE MONITORING C	43
EFFECTS OF ZOOPLANKTON ON PHIOPLANKTON SPECIE MEASURING	TONA CANNERY EFFLUENT BY PHOTOGRAPHY CULTURAL E	55
HOMOPHOMA VAGELLA SUPPRESSION OF MACADAMIA INSECTS WITH	U.L.V. ECOLOGIC SIGNIFICANCE AND BIOLOGY OF SOLD	102
ECOLOGY OF LARRPA DIVARICATA IN THE DESERTS OF THE S.W.	U.S. ECOLOGY AND CO2 GAS EXCHANGE OF ARCTIC MOSS	100
OF SALMON AND EPLS PLECTRIC FIELD MODELING IN THE OCEAN	ULTRASTRUCTURE AND ITS FIELD EFFECTS ENERGY REL	127
AL APICES CYTOLOGICAL CRGS FOLLOWING BISECTION OF APICES	ULTRASTRUCTURE OF CULTURED MOSS CELLS PLANT ANA	6R
ELECTRON MICROSCOPY OF INSECT SENSE ORGANS	ULTRASTRUCTURE OF SENSE ORGANS ON PACEFLY	65
RASTRUCTURE OF CULTURED MOSS CELLS PLANT ANATOMY PLANT	ULTRASTRUCTURE(1) REGENERATION IN GLOBAL APICES	6R
N DYNAMICS - HABITAT RELATIONSHIPS ECOLOGY OF INTRODUCED	UNGULATES REARST RANCR CALIFORNIA ECOLOGY OF P	8
TON TAXONOMY AND ECOLOGY ROLE OF TINTINNIIDS IN POOD WEBS	UNIDENTIFIED MICROORGANISMS IN THE DEEP SEA OBS	69
E IMPACT STUDY OKWARI COUNTY SYSTEMS ECOLOGY RELATED TO	URBAN AND URBANIZING REGIONS UTICA SONY CAMPO	38
TODY OKWARI COUNTY SYSTEMS ECOLOGY RELATED TO URBAN AND	URBANIZING REGIONS UTICA SONY CAMPOS ECOLOGY &	38
C.I.P. MILL CLOSURE ON ONTARIAN WOOD PRODUCERS EFFECT	UREA FERTILIZER ON BLACK SPRUCE REGEN. ANATOMY	11
IZATION AND PROTECTION LARGE SCALE AERIAL APPLICATION OF	UREA TO FOREST NITROGEN TRANSFORMATION MOBILIT	125
LASIFICACION Y METODOLOGIA PARA DETERMINACION CAPACIDAD DE	USO MAYOR DE LA TIERRA EN COLOMBIA LIFE ZONE SP	150
INE INDUSTRIAL DOMESTIC VICTORIA DISTRICT TRUNK SEWERS	UTAB MINES LTD. MARINE MONITORING CROPTON POLY H	43
SYSTEMS ECOLOGY RELATED TO URBAN AND URBANIZING REGIONS	UTICA SONY CAMPOS ECOLOGY & DESIGN 406 HIGHWAY	38
MATING BEHAVIOR PHEROMONES MASS-REARING OF HOMOPHOMA	VAGELLA SUPPRESSION OF MACADAMIA INSECTS WITH O.	102
FISH - ENERGETICS ANAEROBOSIS AND BEHAVIOR BIOLOGY OF	VAIGAI DAM FISRES ENVIRONMENTAL PHYSIOLOGY OF AT	78
MANAGEMENT CONSERVATION WIDLIFE RESEARCH FOR WACKENZIE	VALLEY GAS PIPELINE PROJECT POST-DOCTORAL YELLOW	77
EMENT CONSERVATION AND CHEMISTRY SOILS OF THE KANARASKIS	VALLEY OF ALBERTA CANAOA DESERT CREEP CONTROL I	73
ECOLOGY WITH REFERENCE TO INTERPRETATION OF CONSERVATION	VALUES TO PUBLIC ARCTIC ECOLOGY ECOLOGY OF SEA B	57
CLUDES WINTER INCREASE IN CALIFORNIA SEED INCREASE - NEW	VARIETIES - WINTER IN CALIFORNIA VARIETY VERIFIC	15
NTA SEED INCREASE - NEW VARIETIES - WINTER IN CALIFORNIA	VARIETY VERIFICATION OF PEDIGREED SEED STOCKS S	15
MADE CHANGE EFFECT OF PROPOSED RESERVOIR ON WILDPIPE AND	VEGETATION EFFECT OF HYDRO DEVELOPMENT ON WILDLI	107
. NET PRODUCTION AND ENERGY CHANGES IN CRTHOARDAN DESERT	VEGETATION OF DRAINAGE BASIN IN JASPER NATIONAL	61
DEPT VEGETATION OF DRAINAGE BASIN IN JASPER NATIONAL PARK	VEGETATION OF N. YDKOR ANALYSIS OF PLANT COMMON	61
INCREASE - NEW VARIETIES - WINTER IN CALIFORNIA VARIETY	VERIFICATION OF PEDIGREED SEED STOCKS SEED PURI	15
TEACHING OF GENERAL	VERTEBRATE BIOLOGY	155
PHYSIOLOGICAL ECOLOGY AND	VERTEBRATE ECOLOGY NORTHERN GEORGIA LIMITS OF RE	130
ECOLOGY AND CONTROL OF	VERTEBRATE PESTS	45
BARBUS STOLICFANUS PARENTAL BEHAVIOR OF COPELINA ARNOLDI	VERTEBRATE SOCIAL BEHAVIOR AND ANIMAL COMMUNICAT.	41
MUNITY REPRODUCTION AND ECOLOGY OF EUTAMIAS ECOLOGY OF	VERTEBRATES (PRIMARILY MAMMALS) HERBICIDES AND A	157
ON DYNAMICS OF CALCP. QUAIL THE DYNAMICS OF TERRESTRIAL	VERTEBRATES ESPECIALI BIRDS AND MAMMALS POPULAT	137
POLLUTION MONITORING PROGRAMS MINE INDUSTRIAL DOMESTIC	VICTORIA DISTRICT TRUNK SEWERS UTAB MINES LTD. H	43
YSIOLOGY OF MARINE ZOOPLANKTON PHYSIOLOGY OF ZOOPLANKTER	VICTORIA MARINE MONITORING GREENEX MINE SURVEY	86
EST COMPETENCE ECOLOGICAL AND AQUATIC INSECTS STUDIES IN	VIENNA INVESTIGATION ON TOXICITY OF DETEBGENTS A	160
ORGANISMS IN THE DEEP SEA OBSERVATIONS ON PODOPTHALMUS	VIGIL MICROBIOLOGY OF DEEP-SEA PELAGIC ENVIRONM	69
P PARASITIC DISEASES IN OYSTER POPULATIONS BACTERIAL AND	VIRAL CONTAMINATION OF BIVALVE SHELLFISH CONSULT	19
LITY CRITERIA BIOLOGICAL CONTROL OF SIHOLIUM DANHOSUM IN	VITRO MASS PRODUCTION OF PATHOGENS OF INSECTS B	80
NESTING ECOLOGY OF EASTERN BLUEBIRD	VOCALIZATIONS OF EASTERN BLUEBIRD BANDING STUDY	115
FASS WASR. ALPINE-SUBALPINE COMMUNITIES CASCADE RANGE	WA NATURAL RESEARCH AREA SURVEY PLANT COMMUNITY	39
T FISHERIES MANAGEMENT AND ADMINISTRATION DEVELOPMENT OF	WALLEYE NATURAL REARING AREAS LAKE DADDPHIN WATER	66
ERATURE OF SURVIVAL AND DEVELOPMENT OF CISCO SURVIVAL OF	WALLEYE ON WOOD FIBER SLDGE DEPOSITS RESPONSE	29
ERATURE ON SURVIVAL AND DEVELOPMENT OF CISCO SURVIVAL OF	WALLEYES ON WOOD FIBER SLDGE DEPOSITS RESPONSE	28
PEDOLOGY OF REVEGETATION OF DAMAGED AREAS CASCADE PASS	WASH. ALPINE-SUBALPINE COMMUNITIES CASCADE RANG	39
- HABITAT UTILIZATION SUBALPINE SMALL MAMMAL ECOLOGY IN	WASHINGTON STATE HABITAT SELECTION IN 2 SPECIES	94
SIN TRACER MOVEMENT IN SATURATED POROUS MEDIA SUBSURFACE	WASTE DISPOSAL GROUNDWATER; RESEARCH ON SUBSOPR	81
FACE WASTE DISPOSAL GROUNDWATER; RESEARCH ON SUBSURFACE	WASTE DISPOSAL AND SOIL MOISTURE; GROUND WATER-	81
MANAGEMENT SOILS FOR IRRIGATION IN ANTIGUA WEST INDIES	WASTE MANAGEMENT IN SOILS PHYSICAL SOIL PROPERT	161
IN SOILS PHYSICAL SOIL PROPERTIES RELATED TO WATER AND	WASTE MANAGEMENT SOILS FOR IRRIGATION IN ANTIGUA	161
AQUATIC ECOLOGY (ANIMAL) OF WATERS FERTILIZED BY ROMAN	WASTES ECOLOGY OF PERCH OF LAC LEMAN INTERNAL TE	16
RONMENTAL STUDY BIOLOGICAL & CHEMICAL MONITORING OF MINE	WASTES ENVIRONMENTAL MONITORING OF TASU SOUND E	46
TURE PROTECTION WITH THE DEVELOPMENT AND USE OF LAND AND	WATER INTERGRATING WA	53
MANAGEMENT IN SOILS PHYSICAL SOIL PROPERTIES RELATED TO	WATER AND WASTE MANAGEMENT SOILS FOR IRRIGATION	161
GE BIRD ECOLOGY CONSERVATION NATURAL RESOURCES ROVING	WATER ANIMAL COMMUNITIES IN SUBARCTIC PESTICIDE	152
LILITY AND AVAILABILITY IN FOREST SOILS NITROGEN IN SOIL	WATER CHRISTMAS TREE FERTILIZATION AND PROTECTIO	125
OF FISH INTRODUCTIONS IN SASKATCHEWAN LAKE INVENTORY AND	WATER CLASSIFICATION EVALUATION OF STREAM AND L	88
ACTIVITY MIGRATORY BIRDS AS AIR TRAFFIC HAZARDS RUNNING	WATER ECOLOGY BIRD ECOLOGY CONSERVATION NATOBA	152
EVELOPMENT OF WALLEYE NATURAL REARING AREAS LAKE DADDPHIN	WATER LEVEL REGULATION PICKEREL TAGGING STUDIES	66
DAN GARDUO HARD SOIL RECLAMATION IN WEST SODAN SOIL AND	WATER MANAGEMENT CONSERVATOR AND CHEMISTRY SOIL	73
VIROHMENTAL PLANNING AND POLICY ENVIRONMENTAL ASPECTS OF	WATER MANAGEMENT DECISIONS ENVIRONMENTAL IMPACT	47
PARGANOTRIS HILLERIANA AQUATIC ENTOMOLOGY LIMNOLOGY AND	WATER POLLUTION ARE BY GREATEST COMPETENCE ECOLO	160
PESTICIDE POLLUTION	WATER POLLUTION OIL POLLUTION MERCURY POLLUTION	135
OF CANADA EPHEMEROPTERA RIVER ECOLOGY AQUATIC ECOLOGY	WATER POLLUTION TREBHAL POLLUTION BY A RESERVOIR	83
MENT PLANNING AND ASSESSMENT OF IMPACTS ASSOCIATED WITH	WATER RESOURCE DEVELOPMENT RILLAPA HARBOR NAVIGA	93
ALGAL COMMUNITIES IN LAKES LIMNOLOGY ESTUARINE ECOLOGY	WATER RESOURCE MANAGEMENT OKANAGAN WATER RESOURC	146
Y ESTUARINE ECOLOGY WATER RESOURCE MANAGEMENT OKANAGAN	WATER RESOURCE MANAGEMENT STUDY ESTUARINE RESEAR	146

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

FOR USE BY PLANNERS POLICY MAKERS SYSTEMS RESILIENCE IN	26
OF NORTHERN HAILROAD FOREST ECOLOGY EFFECT OF CHANGING	116
ON SUBSURFACE WASTE DISPOSAL AND SOIL MOISTURE; GROUND	81
WATERPOWL PATHOLOGY LEAD POISONING IN	138
EPIZOOTIOLOGY OF TRICHAEMONIASIS IN DOVES	138
PHYSIOLOGY OF PLANT HORMONES & PHYTOCHROME FLOODING &	120
MINING ECONOMICS OF RURAL LAND USE ECOLOGICAL ANALYSIS OF	30
NATURAL WATERS MICROBE-POLLUTANT INTERACTIONS IN NATURAL	2
DEVELOPMENT OF ALGAL ASSAY PROCEDURE EUTROPHICATION OF	84
WATERS ENERGY FLOW IN HUMIC LAKES EUTROPHICATION	16
WATERS FERTILIZED BY HUMAN WASTES ECOLOGY OF PER	101
WATERS METABOLISM AND PERSISTENCE OF WCS-3260 IN	2
WATERS MICROBE-POLLUTANT INTERACTIONS IN NATURAL	22
WATERS OF ATLANTIC CANADA PHYTOPLANKTON PRODUCTIO	95
WATERS POPULATION CHANGES IN GUPIPIES LANGO CRE	101
WATERS PLANT) TOXICOLOGY (HEPATIC DYSFUNCTION	27
WATERTON LAKES NATIONAL PARK SOIL GENESIS	42
WEB-SPINNING SAMPLES SURVEY OF INSECTS IN FONES	69
WEBS UNIDENTIFIED MICROORGANISMS IN THE DEEP SEA	166
WEED SEEDS ECOLOGICAL LIFE HISTORIES OF PERSISTE	166
WEEDS EFFECT OF ENVIRONMENT (BIOLOGICAL AND PHY	140
WEEDS SUPERVISING C.I.B.C. STAFF IN EUROPE TRIN	97
WEVIL ELECTROPHYSIOLOGY OF INSECTS - ENVIRONMEN	144
WEVIL SYSTEMATIC EVOLUTIONARY BIOGEOGRAPHICAL S	85
WEST INDIA HYPERA POSTICA AGRICULTURAL INSECTS OF T	140
WEST AFRICA ARGENTINA. BIOLOGICAL CONTROL OF I	97
WEST INDIAN HOOB BOREN WEVIL ELECTROPHYSIOLOGY	161
WEST INDIES WASTE MANAGEMENT IN SOILS PHYSICAL	83
WEST INTERIOR OF CANADA EPHEMEROPTERA RIVER ECO	144
WEST NEW BRITAIN CACAO WEVIL SYSTEMATIC EVOLUTI	24
WEST PAKISTAN PESTICIDES AND PRODUCTION PROBLEMS	73
WEST SUDAN SOIL AND WATER MANAGEMENT CONSERVATI	60
WESTERN AUSTRALIA ECOLOGY OF SAVANNAH WOODLAND N	108
WESTERN LAKE ERIE DYAN	134
WHISTLING SWAN ORNITHOLOGICAL INVESTIGATION OF T	77
WHITE-TAILED OEBB RESEARCH LECTOREN SHALL MAMMAL	148
WHITEFISH AND EASTERN BROOK TROUT ECOLOGICAL IMP	24
WILD BOAR IN WEST PAKISTAN PESTICIDES AND PRODOC	107
WILDLIFE RELATIONSHIP OF WILDLIFE TO HABITAT AN	132
WILDLIFE - HABITAT RELATIONSHIPS BEHAVIOR AND P	87
WILDLIFE - INVENTORY WITH RECOMMENDATIONS FOR MA	107
WILDLIFE AND VEGETATION EFFECT OF HYDRO DEVELOPE	74
WILDLIFE BIOLOGY NOW EMPLOYED BY PENNSYLVANIA G	50
WILDLIFE ECOLOGY ECOLOGY OF EAST AFRICAN GAME E	57
WILDLIFE ECOLOGY WITH REFERENCE TO INTERPRETATIO	106
WILDLIFE GOLDEN EAGLE POPULATION STUDIES MOUNTAI	145
WILDLIFE MANAGEMENT	106
WILDLIFE MANAGEMENT CENSUSING WILDLIFE GOLDEN EA	6
WILDLIFE MANAGEMENT ENVIRONMENTAL IMPACT OF ROFT	154
WILDLIFE MANAGEMENT MASTER IN PUBLIC ADMINISTRA	112
WILDLIFE RESEARCH AND GENERAL ADMINISTRATION OF	77
WILDLIFE RESEARCH FOR HACKWEEZY VALLEY GAS PIPEL	87
WILDLIFE RESEARCH IMPACT OF HUNTING ON A POPULAT	154
WILDLIFE SERVICE FRESHWATER FISHERIES AND WILDL	107
WILDLIFE TO HABITAT AND RESPONSE TO MAN-MADE CHA	8
WILDLIFE-LOGGING RELATIONSHIPS SOUTHEAST ALASKA	93
WILLAPA HARBOR NAVIGATION ENVIRONMENTAL STATEMEN	148
WILLIAMSONI IN THE SREEP RIVER ALBERTA BEHAVIOU	118
WILSON RELATIONS BETWEEN LICHENS AND HIGHER PLA	66
WINNIPEGOSIS FRESHWATER COMMERICAL AND SPORT FI	15
WINTER IN CALIFORNIA VARIETY VERIFICATION OF PED	15
WINTER INCREASE IN CALIFORNIA SEED INCREASE - NE	132
WINTER RANGE STUDY BLUE GROOSE POPULATION STODY	76
WOLVENINE IN SCANDINAVIA BRAR IN ALPES CAPEPCAIL	28
WOOD FIBER SLUDGE DEPOSITS RESPONSE OF FISH AND	29
WOOD FIBER SLUDGE DEPOSITS RESPONSE OF FISH AND	11
WOOD PRODUCERS EFFECT OF UREA FERTILIZER ON BLAC	98
WOODLAND EFFECT OF RADIATION ON LUMBRIONS TERRES	60
WOODLAND MARSUPIALS NORTH QUEENSLAND ECOLOGY AN	35
WORKSHOPS AN APPROACH TO ENVIRONMENTAL IMPACT A	47
WORKSHOPS INDUSTRIAL IMPACT ON COASTAL ZONE ENVI	49
Y-HAY DIFFERENTIAL ANALYSIS CHEM. THERMOOD. ANALY	150
YAP ETHNOBIOLOGY OF MICRONESIA FLORA OF THE NOR	84
YEAST IN CONTINUOUS FLOW OF FRESH MEDIUM HORMON	99
YEAST IN RELATION TO PEBMENTATION PROCESSES GROW	11
YELLOW BIRCH REGENERATION BY TREATMENT EFFECT OF	91
YELLOW PERCH WITH AGE MINIMIZING POLLUTION CAUSE	96
YIELD PREDICTION OF CRAB FISHERY ENERGY FLOW IN	26
YORK CITY'S EPA MODELING ANALYSIS OF ECOSYSTEM	136
YOUNG SALMON EVALUATION OF EFFLUENT TREATMENTS	61
YUKON ANALYSIS OF PLANT COMMUNITY RELATIONSHIPS	122
YUKON GEOLOGY OF LANDFORMS AND SURFICIAL DEPOSI	41
ZEBBA FINCH EFFECTS OF AGONISTIC DISPLAYS IN BAR	47
ZONE ENVIRONMENT RESOURCE AND ENVIRONMENTAL PLA	35
ZONE ENVIRONMENT ENVIRONMENTAL IMPACT MANAGEMENT	

TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

GICAL FISHERIES MANAGEMENT CONSULTANT - SARDINES COASTAL	ZONE MANAGEMENT FOR CALIFORNIA & SEA GRANT CONNE	36
ON CAPACIDAD DE USO MAYOR DE LA TIERRA EN COLOMBIA	LIFE ZONE SYSTEM OF ECOLOGICAL ANALYSIS AND MAPPING;	150
Y AND SOIL SCIENCE FERTILIZER USE ECONOMICS ALL CLIMATIC	ZONES AG SECTOR ANALYSIS CROP RESPONSE TO PLANT	158
N LIVESTOCK TAXONOMY OF PACHYBRACHIS TAXONOMY BIOLOGY	ZOOGEOGRAPHY OF COLEOPTERA ESPECIALLY CHRYSOMEL	5
STOSORIASIS IN CELEBES EPIDEMIOLOGY OF ZOONOTIC DISEASE	ZOONOTIC DISEASE ZOONOTIC DISEASE OF INDONESIA INTRODUC	153
OF NONIMONES SCHISTOSOMIASIS IN CELEBES EPIDEMIOLOGY CP	ZOOPLANKTON OR PHYTOPLANKTON SPECIE MEASURING TUN	55
EFFECTS OF ATMOSPHERIC NUCLEAR TESTS ON SAMOA EFFECTS CP	ZOOPLANKTON ORGANISMS EFFECT OF THERMAL EFFLUENT	52
IBUTION ECOLOGY TAXONOMY AND SECONDARY PRODUCTION CP	ZOOPLANKTON PHYSIOLOGY OF MARINE ZOOPLANKTON VICTORIA M	86
INE MONITORING GREENEX MINE SURVEY PHYSIOLOGY OF MARINE	ZOOPLANKTON VICTORIA MARINE MONITORING GREENEX M	86
E SURVEY PHYSIOLOGY OF MARINE ZOOPLANKTON PHYSIOLOGY CP	ZOOPLANKTON CEBO COASTAL WATERS POPULATION CRAW	95
N ECOLOGY OF AQUATIC ORGANISMS PRIMARILY FISH SURVEY CP	2 SPECIES OF ALBERTA CHIPMUNKS MAMMALIAN ECOLOG	94
MAMMAL ECOLOGY IN WASHINGTON STATE HABITAT SELECTION IN	360 HILES OF NORTHERN RAILROAD FOREST ECOLOGY E	49
MINERALOGY AND ROCKS INTERCHANGE REACTION RATE OF R+ ON	406 RIGWAY IMPACT STUDY OKWARI COUNTY SYSTEMS	38
SDGAR GROVES STODY OF REVEGETATION OPEXPOSED BARKS ALONG		
URBANIZING REGIONS OTICA SURI CAMPOS ECOLOGY & DESIGN		

SECTION II

TABLE 4

INDEX BY IMPACT ASSESSMENT EXPERIENCE

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

AGRICULTURE
 AUSTRALIA
 Barrett, Reginald H.
 AUSTRIA
 Butt, Billy A.
 AUSTRALIA
 Osborn, Andrew W.
 Ovington, John D.
 CANADA
 Hooper, Ruth L.
 Schori, Anton
 Specht, Harold B.
 Auclair, Allan N.
 Bates, Thomas E.
 Boughton, Glenn R.
 Christie, Bertram R.
 Coleman, Derek J.
 Duffey, Robert R.
 Fischer, David W.
 Hodges, John
 Karkanis, Panayoti G.
 Laird, Marshall
 Oloffs, Peter C.
 Robertson, Michael R.
 Warkentin, Benno P.
 Wong, Horne R.
 Zilke, Samuel
 COSTA RICA
 Tosi, Joseph A Jr.
 ENGLAND
 Armstrong, Patrick H.
 GUATEMALA
 Walker, James L.
 INDIA
 Agarwala, Shashi BD
 IRAN
 Gowing, Donald P.
 PAKISTAN
 Chowdhry, Inayat U.
 PAPUA, NEW GUINEA
 Stibick, Jeffrey N.L.
 TONGA, SOUTH PACIFIC
 Litsinger, James A.
 TRINIDAD
 Simmonds, Frederick J.

AIRPORTS
 CANADA
 Desgranges, Jean-Luc
 Fischer, David W.
 Poster, Bristol
 Laird, Marshall
 Pollock, William Stewart
 SWEDEN
 Ulfstrand, Staffan
 US
 Seba, Douglas B.

ARCTIC MANAGEMENT
 CANADA
 Bewley, Derek J.

ARTIFICIAL CIRCULATION
 CANADA
 Haynes, Robert C.

BEACH NOURISHMENT
 AUSTRALIA
 Ovington, John D.
 CANADA
 Specht, Harold B.
 La Roche, Gilles
 Robertson, Michael R.
 SOUTH AFRICA
 Thum, Alan B.
 US
 Graf, Donald P.
 Haines, Kenneth C.
 Seba, Douglas B.
 McNeely, Cyrus M.

CANALS/CHANNELS
 CEYLON
 Sachithanathan, Kanapathipiccal
 ITALY
 Canzonier, Walter J.
 SWITZERLAND
 Dasmann, Raymond F.
 US
 Seba, Douglas B.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

CANALS/CHANNELS
 W. CAROLINE IS.
 Hasse, John J.
 US
 McNeely, Cyrus M.

CAVE PADNA CONSERVATION
 CANADA
 Trevor-Deutsch, Burleigh

CHANNELIZATION
 CANADA
 Howard, William N.
 Karkanis, Panayoti G.
 Pollock, William Stewart
 ITALY
 Canzonier, Walter J.
 US
 Graf, Donald F.
 Seba, Douglas B.
 McNeely, Cyrus M.

COASTAL PROTECTION/JETTIES
 CANADA
 La Roche, Gilles
 CEYLON
 Sachithanathan, Kanapathipiccal
 US
 Seba, Douglas B.
 McNeely, Cyrus M.

DEEP WELL DISPOSAL
 CANADA
 Lawson, Dennis W.

DREDGING, FILLING
 CANADA
 Fanning, Leonard M.
 Roward, William N.
 La Foche, Gilles
 Littlepage, Jack L.
 Pollock, William Stewart
 ITALY
 Canzonier, Walter J.

PAPUA, NEW GUINEA
 Stibick, Jeffrey N.L.

SOUTH AFRICA
 Thum, Alan B.

SWITZERLAND
 Dasmann, Raymond P.
 US
 Graf, Donald F.
 Haines, Kenneth C.
 Seba, Douglas B.
 McNeely, Cyrus M.

ENERGY CONVERSION/PRODUCTION
 AUSTRALIA
 Ovington, John D.
 CANADA
 Vitt, Dale H.
 Bliss, Lawrence C.
 Colby, Peter J.
 Colby, Peter J.
 Davies, Gordon S.
 Haynes, Robert C.
 La Roche, Gilles
 Ostrofsky, Milton L.
 Pollock, William Stewart
 Prince, Carl P.

COLOMBIA
 Parkhurst, Benjamin R.

EXOTIC SPECIES
 COLOMBIA
 Parkhurst, Benjamin R.

FISH & WILDLIFE CONSERVATION
 AUSTRALIA
 Barrett, Reginald H.
 Reinsohn, George E.

AUSTRIA
 Krott, Peter

AUSTRALIA
 McCarragher, Donald B.
 Ovington, John D.
 Potter, Michael A.

CANADA
 Banfield, Alexander W.P.
 Hooper, Ruth L.
 Williams, D Dudley
 Colby, Peter J.
 Colby, Peter J.

TABLE 1 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

FISH & WILDLIFE CONSERVATION
CANADA
Coleman, Derek J.
Duffey, Robert R.
Ellis, Derek V.
Fanning, Leonard M.
Foster, Bristol
Fry, Frederick, PJ
Hettinger, Loren P.
Hohn, Otto P.
Howard, William M.
Kucera, Paul
La Roche, Gilles
Lynch, Gerry M.
Ostrofsky, Milton L.
Pearson, Arthur M.
Pollock, William Stewart
Pisk, Michael J.
Robertson, Michael R.
Schmidt, Christian H.G.
Schweinsburg, Raymond P.
Sherman, Daryl K.
Silco, Louis
Stocek, Rudolph P.
Stockner, John G.
Thompson, Gerald E.

INDIA
Kutty, Methil N.
Das, Asim R.

INDONESIA
Vanbeenen, Peter F.

ITALY
Idvill, Clarence P.
Canzonier, Walter J.

PAKISTAN
Chowdhry, Inayat U.

PHILIPPINES
Chornev, Peter, Jr.

SWEDEN
Ulfstrand, Staffan

SWITZERLAND
Dasmann, Raymond P.
Goodwin, Harry A.

US
Graf, Donald P.
Pate, Jerry L.
Perez, Gerald S.A.
Wadsworth, Carl E.

W. CAROLINE IS.
Hasse, John J.

US
McNeely, Cyrus M.

CANADA
McCauley, Robert W.

FISH RESOURCE MANAGEMENT
BRAZIL
Davis, Stuart G.

FLOOD CONTROL
CANADA
Karkanis, Panayoti G.

COSTA RICA
Tosi, Joseph A Jr.

SWITZERLAND
Goodwin, Harry A.

US
McNeely, Cyrus M.

FORESTRY
AUSTRALIA
Barrett, Reginald R.
Ovington, John D.

CANADA
Eidt, Douglas C.
Pharis, Richard P.
Schori, Anton
Auclair, Allan N.
Benson, Crandall A.
Coleman, Derek J.
Davies, Gordon S.
Fischer, David W.
Foster, Bristol
Karkanis, Panayoti G.
Lynch, Gerry M.
Pollock, William Stewart
Robertson, Michael R.
Salonius, Peter O.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

FORESTRY

CANADA

Sherman, Daryl K.
Stocek, Rudolph P.
Wong, Horne P.

COSTA RICA

Tosi, Joseph A Jr.

ENGLAND

Armstrong, Patrick R.

INDONESIA

Vanpeenen, Peter P.

JAPAN

Sakai, Seiroku

PAKISTAN

Chowdhry, Inayat D.

SWITZERLAND

Dasmann, Raymond P.

TRINIDAD

Simmonds, Frederick J.

US

Wadsworth, Carl E.
Silker, Ted H.

HIGHWAYS

CANADA

Banfield, Alexander W.P.
Schori, Anton
Bates, Thomas E.
Coleman, Derek J.
La Roche, Gilles
Lynch, Gerry M.
Mitchell, Myron J.
Pollock, William Stewart
Robertson, Michael R.
Thompson, Gerald E.

COSTA RICA

Tosi, Joseph A Jr.

US

Graf, Donald P.

HYDROELECTRIC POWER

CANADA

Howard, William N.
Ostrofsky, Milton L.
Robertson, Michael R.
Stockner, John G.

SWEDEN

Ulfstrand, Staffan

SWITZERLAND

Goodwin, Harry A.

US

McNeely, Cyrus H.

CANADA

McCauley, Robert W.

IRRIGATION

CANADA

Foscolos, Anthony F.
Karkanis, Panayoti G.

COSTA RICA

Tosi, Joseph A Jr.

SWITZERLAND

Goodwin, Harry A.

US

Czuba, Margaret A.

LAKE EUTROPHY

SWITZERLAND

Boyd, John C.

LAND CAPABILITY CLASSIFICATION

COSTA RICA

Tosi, Joseph A Jr.

LEVEES/DIKES

CANADA

Pollock, William Stewart

US

Graf, Donald P.
McNeely, Cyrus H.

NAVIGATION

CANADA

Panning, Leonard M.

SWITZERLAND

Goodwin, Harry A.

US

McNeely, Cyrus H.

PARK, RECREATIONAL FACILITIES

CANADA

Pcster, Bristol

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PARKS, RECREATIONAL FACILITIES

AUSTRIA
Krott, Peter

AUSTRALIA
Ovington, John D.

CANADA
Banfield, Alexander W.F.
Braveman, Norman S.
Clark, William C.
Schori, Anton
Bliss, Lawrence C.
Coleman, Derek J.
Desranges, Jean-Luc
Dorney, Robert S.
Fischer, David W.
Hettinger, Loren R.
Johnson, Karen L.
Kucera, Emil
Lynch, Gerry M.
Meredith, Don R.
Mitchell, Myron J.
Pollock, William Stewart
Sherman, Daryl K.
Stocek, Rudolph P.
Wong, Horne R.

COSTA RICA
Tosi, Joseph A Jr.

ENGLAND
Armstrong, Patrick R.

ITALY
Idyll, Clarence P.

PAKISTAN
Chowdhry, Inayat U.

SWEDEN
Ulfstrand, Staffan

SWITZERLAND
Boyd, John C. Dasmann, Raymond F.

TRINIDAD
Simmonds, Frederick J.

US
Graf, Donald P.
Wadsworth, Carl F.

PESTICIDES, HERBICIDES

AUSTRIA
Butt, Billy A.

AUSTRALIA
Osborn, Andrew W.

CANADA
Eidt, Douglas C.
Hooper, Puth L.
Pharis, Richard P.
Specht, Harold B.
Albright, Lawrence J.
Boughton, Glenn R.
Duffey, Robert R.
Roward, William N.
La Roche, Gilles
Laird, Marshall
Littlepage, Jack L.
Mitchell, Myron J.
Oloffs, Peter C.
Pollock, William Stewart
Salonius, Peter O.
Sherman, Daryl K.
Wong, Horne R.
Zilke, Samuel

INDIA
Agarwala, Shashi BD

IRAN
Gowing, Donald P.

JAPAN
Sakai, Seiroku

PAKISTAN
Chowdhry, Inayat U.

PAPUA, NEW GUINEA
Stibick, Jeffrey N.L.

PHILIPPINES
Pall, Michael W.

SWEDEN
Ulfstrand, Staffan

TONGA, SOUTH PACIFIC
Litsinger, James A.

TABLE 7 - - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PESTICIDES, HERBICIDES
 US
 Czuba, Margaret A..
 Seba, Douglas B..
 Wadsworth, Carl E.

PIPELINES
 CANADA
 Banfield, Alexander W.F.

RESERVOIR RELEASES
 AUSTRIA
 Krott, Peter

AUSTRALIA
 Ovington, John D.

CANADA
 Howard, William N..
 Lehkuhl, Dennis M..
 Schmidt, Christian H.G.

JAPAN
 Sakai, Seiroku

SWITZERLAND
 Goodwin, Barry A.

US
 McNeely, Cyrus M.

RESERVOIRS/DAMS
 AUSTRALIA
 McCarragher, Donald B..
 Ovington, John D.

CANADA
 Banfield, Alexander W.F..
 Bravegan, Norman S..
 Bliss, Lawrence C..
 Howard, William N..
 Lehkuhl, Dennis M..
 Ostrofsky, Milton L..
 Parsons, Timothy Richard
 Pollock, William Stewart
 Robertson, Michael R..
 Schmidt, Christian R.G..
 Stockner, John G..
 Thompson, Gerald E.

COSTA RICA
 Tosi, Joseph A Jr.

INDIA
 Kutty, Methil N.

ITALY
 Canzonier, Walter J.

SWITZERLAND
 Goodwin, Harry A.

TRINIDAD
 Simmonds, Frederick J.

US
 Graf, Donald F..
 McNeely, Cyrus M.

SHOPLINE PROTECTION
 AUSTRALIA
 Potter, Michael A.

CANADA
 Specht, Harold B..
 Benson, Crandall A..
 Robertson, Michael R..
 Thompson, Gerald E.

COSTA RICA
 Tosi, Joseph A Jr.

US
 Perez, Gerald S.A..
 McNeely, Cyrus M..
 Silker, Ted H.

SOIL EROSION
 AUSTRALIA
 Ovington, John D.

CANADA
 Schori, Anton
 Coleman, Derek J..
 Panning, Leonard M..
 Karkanis, Panayoti G..
 Pollock, William Stewart
 Robertson, Michael R..
 Warkentin, Benno P..
 Zilke, Samuel

COSTA RICA
 Tosi, Joseph A Jr.

GUATEMALA
 Walker, James L.

PAKISTAN
 Chowdhry, Inayat U.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

SOIL EROSION

US

Graf, Donald F.

TAILINGS, SPOILS DISPOSAL

CANADA

Albright, Lawrence J.

Bates, Thomas E.

Ellis, Derek V.

Fanning, Leonard M.

Lawson, Dennis W.

Littlepage, Jack L.

Pollock, William Stewart

Servizi, James A.

Stockner, John G.

GUATEMALA

Walker, James L.

DS

Graf, Donald F.

Haines, Kenneth C.

CANADA

McCauley, Robert W.

URBAN DEVELOPMENT

CANADA

Coleman, Derek J.

WATER QUALITY CONTROL

CANADA

Foscolos, Anthony E.

Benson, Crandall A.

Duffey, Robert R.

Ellis, Derek V.

Fanning, Leonard M.

Haynes, Robert C.

Howard, William N.

Kalff, Jacob

Karkanis, Panayoti G.

La Roche, Gilles

Laird, Marshall

Servizi, James A.

Stockner, John G.

FINLAND

Lehmusluoto, Pasi O.

SWITZERLAND

Boyd, John C.

DS

Graf, Donald F.

Seba, Douglas B.

W. CAROLINE IS.

Rasse, John J.

DS

McNeely, Cyrus M.

WATER RESOURCE DEVELOPMENT

AUSTRALIA

McCarragher, Donald B.

Ovington, John D.

CANADA

Clark, William C.

Coleman, Derek J.

Davies, Gordon S.

Ellis, Derek V.

Fischer, David W.

Howard, William N.

Karkanis, Panayoti G.

La Roche, Gilles

Lynch, Gerry M.

Parsons, Timothy Richard

Pollock, William Stewart

Robertson, Michael H.

Sherman, Daryl K.

Stockner, John G.

Thompson, Gerald E.

COSTA RICA

Tosi, Joseph A Jr.

FINLAND

Lehmusluoto, Pasi O.

ITALY

Canzonier, Walter J.

SWITZERLAND

Boyd, John C.

Goodwin, Harry A.

DS

Haines, Kenneth C.

McNeely, Cyrus M.

WATER SUPPLY

CANADA

Benson, Crandall A.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER SUPPLY

CANADA

La Roche, Gilles
Pollock, William Stewart
Robertson, Michael R.

COSTA RICA

Tosi, Joseph A Jr.

US

McNeely, Cyrus M.

WATERSHED, FOREST, RANGE

AUSTRALIA

Ovington, John D.

CANADA

Pharis, Richard P.
Benson, Crandall A.
Bliss, Lawrence C.
Coleman, Derek J.
Foster, Bristol
Hettinger, Loren R.
Howard, William W.
Karkanis, Panayoti G.
Lynch, Gerry H.
Pollock, William Stewart
Robertson, Michael R.
Salonius, Peter O.
Wong, Horne R.
Zilke, Samuel

COSTA RICA

Tosi, Joseph A Jr.

INDONESIA

Vanpeenen, Peter P.

PAKISTAN

Chowdhry, Inayat U.

SWITZERLAND

Boyd, John C.
Dasmann, Raymond P.

US

Wadsworth, Carl E.
Silker, Ted H.

SECTION II

TABLE 5

INDEX BY SCIENTIFIC FIELD AND GEOGRAPHIC FAMILIARITY

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
AGRICULTURAL SCIENCE	
AFRICA	
Bates, Thomas E.	5
AFRICA, NORTH AND CENTRAL	
Karkanis, Panayoti G.	8
CANADA, EASTERN	
Bates, Thomas E.	10
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
Zilke, Samuel	6
CANADA, WESTERN	
Panning, Leonard M.	3
Karkanis, Panayoti G.	2
Zilke, Samuel	15
EUROPE, WESTERN	
Karkanis, Panayoti G.	4
NORTH CENTRAL	
Bates, Thomas E.	3
Zilke, Samuel	4
PACIFIC STATES	
Bates, Thomas E.	3
ROCKY MOUNTAIN	
Panning, Leonard M.	1
SOUTHEAST	
Bates, Thomas E.	1
SOUTHWEST	
Bates, Thomas E.	1
AGRONOMY	
AFRICA	
Bates, Thomas E.	5
AFRICA, NORTH AND CENTRAL	
Karkanis, Panayoti G.	8
CANADA, EASTERN	
Bates, Thomas E.	10
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
Zilke, Samuel	6
CANADA, WESTERN	
Boughton, Glenn R.	17
Panning, Leonard M.	3
Karkanis, Panayoti G.	2
Slinkard, Alfred E.	1
Zilke, Samuel	15
CENTRAL AMERICA	
Kidder, Gerald	3
Walker, James L.	8
EUROPE, WESTERN	
Karkanis, Panayoti G.	4
HAWAII	
Walker, James L.	5
MEXICO	
Kidder, Gerald	2
NORTH CENTRAL	
Bates, Thomas E.	3
Billings, William R.	15
Kidder, Gerald	3
Walker, James L.	2
Zilke, Samuel	4
PACIFIC STATES	
Bates, Thomas E.	3
Billings, William R.	6
Slinkard, Alfred E.	
ROCKY MOUNTAIN	
Panning, Leonard M.	1
Slinkard, Alfred P.	14
SOUTH CENTRAL	
Kidder, Gerald	3
SOUTHEAST	
Bates, Thomas E.	1
SOUTHWEST	
Bates, Thomas E.	1
Boughton, Glenn R.	1
ALGAL PHYSIOLOGICAL ECOLOGY	
CANADA, EASTERN	
Wallen, Donald G.	7
CANADA, WESTERN	
Wallen, Donald G.	5
ANATOMY	
CANADA, EASTERN	
Benson, Crandall A.	1
CANADA, NORTHERN	
Benson, Crandall A.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ANATOMY	
CANADA, WESTERN	
Benson, Crandall A.	1
NORTHEAST	
Benson, Crandall A.	3
SOUTH CENTRAL	
Hooper, Ruth L.	4
SOUTHWEST	
Hooper, Ruth L.	1
ANIMAL BEHAVIOR	
CANADA, EASTERN	
Braveman, Norman S.	4
Dunham, David W.	6
EUROPE, WESTERN	
Dunham, David W.	2
HAWAII	
Dunham, David W.	
NORTH CENTRAL	
Braveman, Norman S.	2
Pinkowski, Benedict C.	8
NORTHEAST	
Dunham, David W.	5
PACIFIC STATES	
Braveman, Norman S.	4
SOUTH AMERICA	
Dunham, David W.	
ANIMAL ECOLOGY	
AFRICA	
Dasmann, Raymond P.	2
Davies, Gordon S.	2
Poster, Bristol	5
Ulfstrand, Staffan	1
ALASKA	
Barrett, Reginald H.	1
Boyd, John C.	0.25
Hancock, David A.	.5
Parker, Thomas L.	0.5
ANTARCTIC	
Boyd, John C.	1
ASIA	
Das, Asim R.	
Fall, Michael W.	2
Hancock, David A.	16
ASIA/AUSTRALIA	
Poster, Bristol	1
AUSTRALIA	
Barrett, Reginald H.	1
Heinsohn, George E.	10
CANADA, EASTERN	
Banfield, Alexander W.P.	25
Davies, Gordon S.	7
Dorney, Robert S.	5
Poster, Bristol	2
Sherman, Daryl K.	2
Trevor-Deutsch, Burleigh	4
CANADA, NORTHERN	
Banfield, Alexander W.P.	2
Poster, Bristol	1
Hancock, David A.	.5
Parker, Thomas L.	0.5
Pearson, Arthur M.	9
CANADA, WESTERN	
Banfield, Alexander W.P.	3
Davies, Gordon S.	3
Poster, Bristol	4
Hancock, David A.	8
Meredith, Don H.	2
Mitchell, Myron J.	3
Parker, Thomas L.	2
Pearson, Arthur M.	3
Sherman, Daryl K.	4
CENTRAL AMERICA	
Hiskimen, George W.	1
EUROPE, WESTERN	
Boyd, John C.	4
Dasmann, Raymond P.	3
Hancock, David A.	16
Pearson, Arthur M.	2.5
Ulfstrand, Staffan	15
GUAM	
Perez, Gerald S.A.	5
HAWAII	
Hancock, David A.	.16
Wadsworth, Carl E.	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ANIMAL ECOLOGY	
MIDDLE ATLANTIC	
Boyd, John C.	4
Dasmann, Raymond F.	3
Keiser, Cortes L.	2
NORTH CENTRAL	
Banfield, Alexander W.F.	1
Barrett, Reginald H.	1
Dorney, Robert S.	13
Miskimen, George W.	2
Pinkowski, Benedict C.	8
NORTHEAST	
Pall, Michael W.	7
Mitchell, Myron J.	1
NS/AUSTRALIA	
Hancock, David A.	1
PACIFIC STATES	
Barrett, Reginald H.	5
Dasmann, Raymond F.	13
Davies, Gordon S.	4
Hancock, David A.	.25
Heinsohn, George E.	7
Meredith, Don H.	2
PUERTO RICO	
Miskimen, George W.	11
ROCKY MOUNTAIN	
Dorney, Robert S.	1
Pall, Michael W.	1
Hancock, David A.	.5
Mitchell, Myron J.	
Parker, Thomas L.	3
Salb, Thomas J.	
Wadsworth, Carl E.	2
SOUTH AMERICA	
Boyd, John C.	0.5
Dorney, Robert S.	5
Miskimen, George W.	1
SOUTHEAST	
Dasmann, Raymond F.	1
Miskimen, George W.	4
SOUTHWEST	
Salb, Thomas J.	3
Wadsworth, Carl E.	4
ANIMAL HUSBANDRY	
ALASKA	
Hancock, David A.	.5
ASIA	
Hancock, David A.	16
CANADA, EASTERN	
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
Hancock, David A.	.5
CANADA, WESTERN	
Fanning, Leonard M.	3
Hancock, David A.	8
Hodges, John	2
EUROPE, WESTERN	
Hancock, David A.	16
Hodges, John	16
HAWAII	
Hancock, David A.	.16
NORTHEAST	
Hodges, John	0.5
NS/AUSTRALIA	
Hancock, David A.	1
PACIFIC STATES	
Hancock, David A.	.25
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
Hancock, David A.	.5
ANIMAL LEARNING	
CANADA, EASTERN	
Braveman, Norman S.	4
NORTH CENTRAL	
Braveman, Norman S.	2
PACIFIC STATES	
Braveman, Norman S.	4
ANIMAL SENSORY CAPACITIES	
CANADA, EASTERN	
Braveman, Norman S.	4
NORTH CENTRAL	
Braveman, Norman S.	2
PACIFIC STATES	
Braveman, Norman S.	4

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ANTHROPOLOGY	
CANADA, EASTERN	
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
Stockner, John G.	3
CANADA, WESTERN	
Panning, Leonard M.	3
Stockner, John G.	1
CENTRAL AMERICA	
Seba, Douglas B.	1
ENGLAND	
Stockner, John G.	1
NORTH CENTRAL	
Stockner, John G.	2
PACIFIC STATES	
Stockner, John G.	5
ROCKY MOUNTAIN	
Panning, Leonard M.	1
Seba, Douglas B.	1
SOUTHEAST	
Seba, Douglas B.	11
AQUATIC ECOLOGY	
AFRICA	
Davies, Gordon S.	2
McCarragher, Donald B.	2
Ulfstrand, Staffan	1
ALASKA	
Boyd, John C.	0.25
Kalff, Jacob	1
ANTARCTIC	
Boyd, John C.	1
ASIA	
Choi, Chung-Il	1
AUSTRALIA	
Barnes, Richard S.K.	2
McCarragher, Donald B.	1
CANADA, EASTERN	
Choi, Chung-Il	5
Colby, Peter J.	1.5
Colby, Peter J.	1.5
Davies, Gordon S.	7
Kalff, Jacob	7
McCaughey, Robert W.	20
Miller, Robert J.	3
Ostrofsky, Milton L.	3
Thompson, Gerald E.	2
Wallen, Donald G.	7
Welch, Harold E.	2
CANADA, NORTHERN	
Kalff, Jacob	1
Lehmkuhl, Dennis M.	
Robertson, Michael R.	2
Stockner, John G.	3
Thompson, Gerald E.	0.5
Welch, Harold E.	3
CANADA, WESTERN	
Davies, Gordon S.	3
Gallup, Donald N.	4
Lehmkuhl, Dennis M.	4
Robertson, Michael R.	6
Stockner, John G.	1
Thompson, Gerald E.	4
Wallen, Donald G.	5
CENTRAL AMERICA	
Hasse, John J.	1
ENGLAND	
Stockner, John G.	1
EUROPE, WESTERN	
Barnes, Richard S.K.	5
Boyd, John C.	4
McCaughey, Robert W.	0.5
Ulfstrand, Staffan	15
MIDDLE ATLANTIC	
Boyd, John C.	4
Haines, Kenneth C.	4
Miller, Robert J.	7
NORTH CENTRAL	
Colby, Peter J.	17
Colby, Peter J.	17
McCarragher, Donald B.	17
Stockner, John G.	2
NORTHEAST	
Gallup, Donald N.	6
Haines, Kenneth C.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
AQUATIC ECOLOGY	
NORTHEAST	
Kalff, Jacob	3
McCauley, Robert W.	36
Miller, Robert J.	1
Ostrofsky, Milton L.	1
PACIFIC ISLANDS	
Graf, Donald F.	1
PACIFIC STATES	
Davies, Gordon S.	4
Graf, Donald F.	2
Lehmkuhl, Dennis M.	2
Stockner, John G.	5
ROCKY MOUNTAIN	
Lehmkuhl, Dennis M.	2
SO. PACIFIC	
Rasse, John J.	1
SOUTH AMERICA	
Boyd, John C.	0.5
SOUTHEAST	
Weich, Harold E.	4
US VIRGIN ISLANDS	
Raines, Kenneth C.	3
AUSTRALARY GEOLOGY	
ANTARCTICA	
Ricker, Karl E.	1
ASIA	
Ricker, Karl E.	.5
CANADA, NORTHERN	
Ricker, Karl E.	1
CANADA, WESTERN	
Ricker, Karl E.	9
EUROPE, WESTERN	
Ricker, Karl E.	1
BACTERIOLOGY	
CANADA, EASTERN	
Duffey, Robert R.	3
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Fanning, Leonard M.	3
NORTH CENTRAL	
Duffey, Robert R.	5
ROCKY MOUNTAIN	
Duffey, Robert R.	2
Fanning, Leonard M.	1
BIOCHEMISTRY	
ARCTIC	
Bewley, Derek J.	
CANADA, EASTERN	
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Albright, Lawrence J.	6
Bewley, Derek J.	2
Fanning, Leonard M.	3
MIDDLE ATLANTIC	
Bewley, Derek J.	2
PACIFIC STATES	
Albright, Lawrence J.	4
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
BIOCLIMATOLOGY	
AFRICA	
Tosi, Joseph A Jr.	1
ASIA	
Tosi, Joseph A Jr.	1
CENTRAL AMERICA	
Tosi, Joseph A Jr.	13
NORTHEAST	
Tosi, Joseph A Jr.	5
SOUTH AMERICA	
Tosi, Joseph A Jr.	12
BIOLOGICAL AND INTEGRATED CONTROL	
CENTRAL AMERICA	
Miskimen, George W.	1
NORTH CENTRAL	
Miskimen, George W.	2
PUERTO RICO	
Miskimen, George W.	11
SOUTH AMERICA	
Miskimen, George W.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
BIOLOGICAL AND INTEGRATED CONTROL	
SOUTHEAST	
Miskimen, George W.	4
BIOSTATISTICS	
ASIA	
Sakai, Seiroku	29
NORTH CENTRAL	
Pinkowski, Benedict C.	8
COMPARATIVE LAND USE SYSTEMS	
AFRICA	
Tosi, Joseph A Jr.	1
ASIA	
Tosi, Joseph A Jr.	1
CENTRAL AMERICA	
Tosi, Joseph A Jr.	13
NORTHEAST	
Tosi, Joseph A Jr.	5
SOUTH AMERICA	
Tosi, Joseph A Jr.	12
DISINFECTANTS	
CANADA, EASTERN	
Duffey, Robert R.	3
NORTH CENTRAL	
Duffey, Robert R.	5
ROCKY MOUNTAIN	
Duffey, Robert R.	2
ENTOMOLOGY	
AFRICA	
Eidt, Douglas C.	1.5
Simmonds, Frederick J.	1
ASIA	
Sakai, Seiroku	29
Simmonds, Frederick J.	4
AUSTRALIA	
Osborn, Andrew W.	
Owen, Michael D.	5
CANADA, EASTERN	
Beirne, Bryan P.	18
Eidt, Douglas C.	10.5
Panning, Leonard M.	1
Owen, Michael D.	3
Simmonds, Frederick J.	5
Specht, Harold B.	22
CANADA, NORTHERN	
Panning, Leonard M.	1
Lehmkuhl, Dennis M.	
Wong, Horne R.	2
CANADA, WESTERN	
Beirne, Bryan P.	6
Eidt, Douglas C.	5
Panning, Leonard M.	3
Lehmkuhl, Dennis M.	4
Mayer, Daniel P.	1
Wong, Horne B.	25
CENTRAL AMERICA	
Miskimen, George W.	1
Simmonds, Frederick J.	20
EUROPE, EASTERN	
Butt, Billy A.	0.25
EUROPE, WESTERN	
Balsbaugh, Jr., Edward D.	2
Butt, Billy A.	0.5
Simmonds, Frederick J.	3
IRELAND	
Beirne, Bryan P.	11
MIDDLE ATLANTIC	
Butt, Billy A.	3
NORTH CENTRAL	
Balsbaugh, Jr., Edward D.	7
Litsinger, James A.	5
Miskimen, George W.	2
Specht, Harold B.	1
Stibick, Jeffrey M.L.	2
Wong, Horne R.	3
NORTHEAST	
Balsbaugh, Jr., Edward D.	5
Owen, Michael D.	2
Specht, Harold B.	2
PACIFIC	
Litsinger, James A.	2
Stibick, Jeffrey M.L.	3
PACIFIC STATES	
Butt, Billy A.	9
Lehmkuhl, Dennis M.	2
Simmonds, Frederick J.	.5

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

ENTOMOLOGY	YEARS IN REGION
PUERTO RICO	
Miskimen, George W.	11
ROCKY MOUNTAIN	
Panning, Leonard M.	1
Lehmkuhl, Dennis M.	2
Simmonds, Frederick J.	.5
SOUTH AMERICA	
Litsinger, James A.	2
Miskimen, George W.	1
Simmonds, Frederick J.	1
SOUTH CENTRAL	
Hooper, Ruth L.	4
SOUTHEAST	
Balsbaugh, Jr., Edward D.	3
Miskimen, George W.	4
Stibick, Jeffrey N.L.	4
SOUTHWEST	
Butt, Billy A.	7
Hooper, Ruth L.	1
Mayer, Daniel P.	1
Simmonds, Frederick J.	.5
ENVIRONMENTAL POLLUTION	
AFRICA, NORTH AND CENTRAL	
Karkanis, Panayoti G.	8
ANTARCTICA	
Littlepage, Jack L.	3
ASIA	
Choi, Chung-Il	1
CANADA, EASTERN	
Choi, Chung-Il	5
Czuba, Margaret A.	3
La Roche, Gilles	6
Prouse, Nicholas J.	2
CANADA, NORTHERN	
Bliss, Lawrence C.	
Lehmkuhl, Dennis M.	
CANADA, WESTERN	
Bliss, Lawrence C.	5
Karkanis, Panayoti G.	2
La Roche, Gilles	1
Lehmkuhl, Dennis M.	4
Littlepage, Jack L.	7
Servizi, James A.	10
CENTRAL AMERICA	
Littlepage, Jack L.	0.5
Seba, Douglas B.	1
EUROPE, WESTERN	
Karkanis, Panayoti G.	4
MIDDLE ATLANTIC	
Bliss, Lawrence C.	3
NEW ZEALAND	
Bliss, Lawrence C.	1
NORTH CENTRAL	
Bliss, Lawrence C.	9
NORTHEAST	
Bliss, Lawrence C.	2
La Roche, Gilles	6
Servizi, James A.	2
PACIFIC ISLANDS	
Graf, Donald P.	1
PACIFIC STATES	
Bliss, Lawrence C.	1
Graf, Donald P.	2
La Roche, Gilles	14
Lehmkuhl, Dennis M.	2
Littlepage, Jack L.	8
Servizi, James A.	4
ROCKY MOUNTAIN	
Bliss, Lawrence C.	1
Lehmkuhl, Dennis M.	2
Seba, Douglas B.	1
SOUTH AMERICA	
Littlepage, Jack L.	0.5
SOUTHEAST	
Seba, Douglas B.	11
ENVIRONMENTAL SANITATION	
CANADA, EASTERN	
Duffey, Robert R.	3
NORTH CENTRAL	
Duffey, Robert R.	5
ROCKY MOUNTAIN	
Duffey, Robert R.	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
EPIDEMIOLOGY	
AFRICA	
Vanpeenen, Peter F.	3
ASIA	
Vanpeenen, Peter F.	5
MIDDLE ATLANTIC	
Vanpeenen, Peter F.	4
SOUTHWEST	
Vanpeenen, Peter F.	8
ESTUARINE SCIENCE	
AUSTRALIA	
Barnes, Richard S.K.	2
EUROPE, WESTERN	
Barnes, Richard S.K.	5
EVOLUTION, BIOGEOGRAPHY	
NORTH CENTRAL	
Stibick, Jeffrey W.L.	2
PACIFIC	
Stibick, Jeffrey W.L.	3
SOUTHEAST	
Stibick, Jeffrey W.L.	4
FISHERY BIOLOGY	
AFRICA	
McCarragher, Donald B.	2
ALASKA	
Boyd, John C.	0.25
Goodwin, Harry A.	3
ANTARCTIC	
Boyd, John C.	1
ASIA	
Das, Asim R.	
Miller, James	2.5
Sachithanathan, Kanapathipiccal	9
AUSTRALIA	
McCarragher, Donald B.	1
Potter, Michael A.	3
CANADA, EASTERN	
Fry, Frederick, EJ	37
Marshall, Thomas L.	2
McCaughey, Robert W.	20
Stocek, Rudolph F.	10
Thompson, Gerald E.	2
CANADA, NORTHERN	
Robertson, Michael R.	2
Stephansson, Stephan E.	4
Thompson, Gerald E.	0.5
CANADA, WESTERN	
Chevalier, John R.	1
Idyll, Clarence P.	8
Marshall, Thomas L.	2
Robertson, Michael R.	6
Stephansson, Stephan E.	1
Thompson, Gerald E.	4
EUROPE, WESTERN	
Boyd, John C.	4
Goodwin, Harry A.	2
Idyll, Clarence P.	1
McCaughey, Robert W.	0.5
Miller, James	
HAWAII	
Fry, Frederick, EJ	2
Sachithanathan, Kanapathipiccal	
MIDDLE ATLANTIC	
Boyd, John C.	4
Goodwin, Harry A.	9
Stocek, Rudolph F.	4
NORTH CENTRAL	
Chevalier, John R.	1
McCarragher, Donald B.	17
Parkhurst, Benjamin R.	2
NORTHEAST	
Chevalier, John R.	2
Goodwin, Harry A.	8
McCanley, Robert W.	36
PACIFIC ISLANDS	
Sachithanathan, Kanapathipiccal	0.33
PACIFIC STATES	
Fry, Frederick, EJ	1
Goodwin, Harry A.	6
Idyll, Clarence P.	4
Sachithanathan, Kanapathipiccal	0.16
ROCKY MOUNTAIN	
Goodwin, Harry A.	7
Marshall, Thomas L.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
FISHERY BIOLOGY	
SOUTH AMERICA	
Boyd, John C.	0.5
Parkhurst, Benjamin R.	0.5
SOUTHEAST	
Idyll, Clarence P.	20
FOOD SCIENCES	
CANADA, EASTERN	
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Panning, Leonard M.	3
ROCKY MOUNTAIN	
Panning, Leonard M.	1
FORESTRY	
AFRICA	
Ovington, John D.	1
Tosi, Joseph A Jr.	1
ASIA	
Chowdhry, Inayat U.	
Ovington, John D.	4
Tosi, Joseph A Jr.	1
AUSTRALIA	
Ovington, John D.	7
CANADA, EASTERN	
Benson, Crandall A.	1
Coleman, Derek J.	6
Panning, Leonard M.	1
Ovington, John D.	0.5
Pollock, William Stewart	10
CANADA, NORTHERN	
Benson, Crandall A.	3
Panning, Leonard M.	1
Pollock, William Stewart	2
CANADA, WESTERN	
Benson, Crandall A.	1
Panning, Leonard M.	3
CENTRAL AMERICA	
Ovington, John D.	0.5
Tosi, Joseph A Jr.	13
EUROPE, EASTERN	
Chowdhry, Inayat D.	
Ovington, John D.	1
EUROPE, WESTERN	
Ovington, John D.	9
NORTHEAST	
Benson, Crandall A.	3
Tosi, Joseph A Jr.	5
PACIFIC STATES	
Chowdhry, Inayat U.	
ROCKY MOUNTAIN	
Panning, Leonard M.	1
SOUTH AMERICA	
Ovington, John D.	0.5
Tosi, Joseph A Jr.	12
GENETICS	
CANADA, EASTERN	
Christie, Bertram R.	13
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Panning, Leonard M.	3
NORTH CENTRAL	
Christie, Bertram R.	3
ROCKY MOUNTAIN	
Panning, Leonard M.	1
HORTICULTURE	
CANADA, EASTERN	
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Panning, Leonard M.	3
ROCKY MOUNTAIN	
Panning, Leonard M.	1
IMMUNOLOGY	
CANADA, EASTERN	
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Panning, Leonard M.	3

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
IMMUNOLOGY	
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
LAND USE ECOLOGY/HISTORY	
AFRICA	
Arastrong, Patrick R.	21
EUROPE, WESTERN	
Armstrong, Patrick R.	10
SOUTHWEST	
Armstrong, Patrick R.	21
LIMNOLOGY	
AFRICA	
McCarragher, Donald B.	2
ALASKA	
Boyd, John C.	0.25
Kalff, Jacob	1
ANTARCTIC	
Boyd, John C.	1
ASIA	
Choi, Chung-Il	1
AUSTRALIA	
McCarragher, Donald B.	1
CANADA, EASTERN	
Choi, Chung-Il	5
Colby, Peter J.	1.5
Kalff, Jacob	7
McCaughey, Robert W.	20
Ostrofsky, Milton L.	3
Welch, Harold E.	2
CANADA, NORTHERN	
Kalff, Jacob	1
Stephansson, Stephan E.	4
Stockner, John G.	3
Welch, Harold E.	3
CANADA, WESTERN	
Gallup, Donald N.	4
Haynes, Robert C.	1
Stephansson, Stephan E.	1
Stockner, John G.	1
ENGLAND	
Stockner, John G.	1
EUROPE, WESTERN	
Boyd, John C.	4
Lehmusluoto, Pasi O.	6
McCaughey, Robert W.	0.5
MIDDLE ATLANTIC	
Boyd, John C.	4
NORTH CENTRAL	
Colby, Peter J.	17
McCarragher, Donald B.	17
Stockner, John G.	2
NORTHEAST	
Gallup, Donald N.	6
Haynes, Robert C.	5
Kalff, Jacob	3
McCaughey, Robert W.	36
Ostrofsky, Milton L.	1
PACIFIC ISLANDS	
Graf, Donald P.	1
PACIFIC STATES	
Graf, Donald P.	2
Stockner, John G.	5
SOUTH AMERICA	
Boyd, John C.	0.5
SOUTHEAST	
Welch, Harold E.	4
ASIA	
Kutty, Methil M.	11
CANADA, EASTERN	
Kutty, Methil M.	4
MARINE BIOLOGY	
AFRICA	
Thom, Alan B.	1
ANTARCTICA	
Littlepage, Jack L.	3
ASIA	
Choi, Chung-Il	1
Davis, Stuart G.	1
Sachithananthan, Kanapathipiccal	9
AUSTRALIA	
Barnes, Richard S.K.	2
Potter, Michael A.	3
CANADA, EASTERN	
Choi, Chung-Il	5
Johansen, Patricia L.	2

TABLE 1
 (BY GEOGRAPHIC PARTICULARITY)

	YEARS OF SERVICE
MICROBIOLOGY	
CANADA, EASTERN	
Lee, Robert K.	8
Reiswig, Henry M.	1
Risk, Michael J.	4
CANADA, NORTHERN	
Lee, Robert K.	2
CANADA, WESTERN	
Idyll, Clarence P.	8
Lee, Robert K.	3
Littlepage, Jack L.	7
Risk, Michael J.	0.5
CENTRAL AMERICA	
Littlepage, Jack L.	0.5
Reiswig, Henry M.	2
Risk, Michael J.	0.5
EUROPE, WESTERN	
Barnes, Richard S.F.	5
Idyll, Clarence P.	1
AFRICA	
Johansen, Patricia L.	2
Lee, Robert K.	4
Sachithanathan, Manapathipiccal	
MIDDLE ATLANTIC	
Haines, Kenneth C.	6
NORTHEAST	
Haines, Kenneth C.	3
Reiswig, Henry M.	6
PACIFIC ATOLLS	
Lee, Robert K.	0.3
PACIFIC ISLANDS	
Sachithanathan, Manapathipiccal	0.33
PACIFIC STATES	
Davis, Stuart G.	8
Idyll, Clarence P.	4
Littlepage, Jack L.	8
Reiswig, Henry M.	5
Risk, Michael J.	8
Sachithanathan, Manapathipiccal	0.16
Thus, Alan B.	7
SOUTH AMERICA	
Davis, Stuart G.	1
Littlepage, Jack L.	0.5
SOUTHEAST	
Idyll, Clarence P.	20
US VIRGIN ISLANDS	
Haines, Kenneth C.	3
AFRICA	
Davies, Gordon S.	2
CANADA, EASTERN	
Davies, Gordon S.	7
CANADA, WESTERN	
Davies, Gordon S.	3
PACIFIC STATES	
Davies, Gordon S.	6
MICROBIOLOGY	
ASIA	
Canzonier, Walter J.	less than 1
CANADA, EASTERN	
Duffey, Robert R.	3
Penning, Leonard H.	1
Johansen, Patricia L.	2
Roberge, Marcien R.	14
CANADA, NORTHERN	
Penning, Leonard H.	1
CANADA, WESTERN	
Penning, Leonard H.	3
EUROPE, WESTERN	
Canzonier, Walter J.	2
AFRICA	
Johansen, Patricia L.	2
NORTH CENTRAL	
Duffey, Robert R.	5
NORTHEAST	
Canzonier, Walter J.	11
PACIFIC STATES	
Victorino, Conrad E.	7
POREY MOUNTAIN	
Duffey, Robert R.	2
Reiswig, Leonard H.	1
MICROBIOLOGY	
NORTHEAST	
Pfeiffer, Donald H.	6

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
MYCOLOGY	
SOUTH AMERICA	
Pfister, Donald H.	0.12
NATIONAL PARK NATURE RESERVE MANAGEMENT	
AFRICA	
Ovington, John D.	1
ASIA	
Ovington, John D.	4
AUSTRALIA	
Ovington, John D.	7
CANADA, EASTERN	
Ovington, John D.	0.5
CENTRAL AMERICA	
Ovington, John D.	0.5
EUROPE, EASTERN	
Ovington, John D.	1
EUROPE, WESTERN	
Ovington, John D.	9
SOUTH AMERICA	
Ovington, John D.	0.5
NUTRITION	
CANADA, EASTERN	
Panning, Leonard H.	1
CANADA, NORTHERN	
Panning, Leonard H.	1
CANADA, WESTERN	
Panning, Leonard H.	3
ROCKY MOUNTAIN	
Panning, Leonard H.	1
OCEANOGRAPHY	
ANTARCTICA	
Littlepage, Jack L.	3
ASIA	
Choi, Chung-Il	1
Parsons, Timothy Richard	2
Rommel, Sentiel A.	1
CANADA, EASTERN	
Choi, Chung-Il	5
Johansen, Patricia L.	2
Rommel, Sentiel A.	1
CANADA, WESTERN	
Flourie, Eric J.	
Littlepage, Jack L.	7
CENTRAL AMERICA	
Flourie, Eric J.	
Littlepage, Jack L.	0.5
Seba, Douglas B.	1
EUROPE, WESTERN	
Parsons, Timothy Richard	2
HAWAII	
Johansen, Patricia L.	2
MEXICO	
Flourie, Eric J.	3
NORTHEAST	
Rommel, Sentiel A.	4
PACIFIC STATES	
Flourie, Eric J.	10
Littlepage, Jack L.	8
ROCKY MOUNTAIN	
Seba, Douglas B.	1
SOUTH AMERICA	
Littlepage, Jack L.	0.5
SOUTHEAST	
Seba, Douglas B.	11
ORNITHOLOGY	
AFRICA	
Armstrong, Patrick H.	21
Ulfstrand, Staffan	1
ALASKA	
Boyd, John C.	0.25
Hancock, David A.	.5
ANTARCTIC	
Boyd, John C.	1
ASIA	
Hancock, David A.	16
Hiroyuki, Masatomi	17
CANADA, EASTERN	
Cyr, Andre	1
Desgranges, Jean-Luc	0.5
Dunham, David W.	6
Rising, James D.	9
Stocek, Rudolph P.	10
CANADA, NORTHERN	
Hancock, David A.	.5
Rising, James D.	0.5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ORNITHOLOGY	
CANADA, WESTERN	
Desgranges, Jean-Luc	1
Hancock, David A.	8
Rising, James D.	0.5
EUROPE, WESTERN	
Armstrong, Patrick R.	10
Boyd, John C.	8
Dunham, David W.	2
Hancock, David A.	16
Olfstrand, Staffan	15
HAWAII	
Dunham, David W.	
Hancock, David A.	.16
McFarlane, Robert W.	2
MEXICO	
Rising, James D.	0.5
MIDDLE ATLANTIC	
Boyd, John C.	4
Stocek, Randolph F.	4
NORTH CENTRAL	
Pinkowski, Benedict C.	8
Rising, James D.	5
NORTHEAST	
Dunham, David W.	5
Rising, James D.	1
NS/AUSTRALIA	
Hancock, David A.	1
PACIFIC STATES	
Hancock, David A.	.25
Page, Jerry L.	4
ROCKY MOUNTAIN	
Hancock, David A.	.5
SOUTH AMERICA	
Boyd, John C.	0.5
Dunham, David W.	
McFarlane, Robert W.	1
SOUTHEAST	
McFarlane, Robert W.	12
SOUTHWEST	
Armstrong, Patrick R.	21
PALEONTOLOGY	
CANADA, EASTERN	
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Fanning, Leonard M.	3
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
PARASITOLOGY	
AFRICA	
Vanpeenen, Peter F.	3
ASIA	
Canzonier, Walter J.	less than 1
Laird, Marshall	3
Vanpeenen, Peter F.	5
CANADA, EASTERN	
Dorney, Robert S.	5
Fanning, Leonard M.	1
Laird, Marshall	10
CANADA, NORTHERN	
Fanning, Leonard M.	1
Laird, Marshall	
CANADA, WESTERN	
Fanning, Leonard M.	3
EUROPE, WESTERN	
Canzonier, Walter J.	2
Laird, Marshall	6
MIDDLE ATLANTIC	
Vanpeenen, Peter F.	4
NEW ZEALAND	
Laird, Marshall	7
NORTH CENTRAL	
Dorney, Robert S.	13
NORTHEAST	
Canzonier, Walter J.	11
ROCKY MOUNTAIN	
Dorney, Robert S.	1
Fanning, Leonard M.	1
SOUTH AMERICA	
Dorney, Robert S.	5
SOUTH PACIFIC	
Laird, Marshall	7

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PARASITOLOGY	
SOUTHWEST	
Vanpeenen, Peter F.	8
PEST CONTROL	
AFRICA	
Simmonds, Frederick J.	1
ASIA	
Laird, Marshall	3
Sakai, Seiroku	29
Simmonds, Frederick J.	4
CANADA, EASTERN	
Beirne, Bryan P.	18
Panning, Leonard M.	1
Laird, Marshall	10
Simmonds, Frederick J.	5
CANADA, NORTHERN	
Panning, Leonard M.	1
Laird, Marshall	
Zilke, Samuel	6
CANADA, WESTERN	
Beirne, Bryan P.	6
Panning, Leonard M.	3
Mayer, Daniel P.	1
Zilke, Samuel	15
CENTRAL AMERICA	
Simmonds, Frederick J.	20
EUROPE, WESTERN	
Laird, Marshall	6
Simmonds, Frederick J.	3
IRELAND	
Beirne, Bryan P.	11
NEW ZEALAND	
Laird, Marshall	7
NORTH CENTRAL	
Litsinger, James A.	5
Zilke, Samuel	4
PACIFIC	
Litsinger, James A.	2
PACIFIC STATES	
Page, Jerry L.	4
Simmonds, Frederick J.	.5
ROCKY MOUNTAIN	
Panning, Leonard M.	1
Simmonds, Frederick J.	.5
SOUTH AMERICA	
Litsinger, James A.	2
Simmonds, Frederick J.	1
SOUTH PACIFIC	
Laird, Marshall	7
SOUTHWEST	
Mayer, Daniel P.	1
Simmonds, Frederick J.	.5
PHYSIOLOGY ECOLOGY	
ALASKA	
Boyd, John C.	0.25
ANTARCTIC	
Boyd, John C.	1
EUROPE, WESTERN	
Boyd, John C.	4
MIDDLE ATLANTIC	
Boyd, John C.	4
SOUTH AMERICA	
Boyd, John C.	0.5
PHYSIOLOGY	
ASIA	
Gowing, Donald P.	7
AUSTRALIA	
Owen, Michael D.	5
CANADA, EASTERN	
Colby, Peter J.	1.5
La Roche, Gilles	6
Owen, Michael D.	3
CANADA, NORTHERN	
Hohn, Otto E.	1
CANADA, WESTERN	
Reid, David M.	5
CANADA, WESTERN	
Hohn, Otto E.	24
La Roche, Gilles	1
Mitchell, Myron J.	3
Pharis, Richard P.	8
EUROPE, EASTERN	
Reid, David M.	3
HAWAII	
Gowing, Donald P.	13

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PHYSIOLOGY	
NORTH CENTRAL	
Colby, Peter J.	17
NORTHEAST	
Gowing, Donald P.	3
La Roche, Gilles	6
Mitchell, Myron J.	1
Owen, Michael D.	2
PACIFIC STATES	
La Roche, Gilles	14
Pharis, Richard P.	2
ROCKY MOUNTAIN	
Mitchell, Myron J.	
SOUTHEAST	
Pharis, Richard P.	3
SOUTHWEST	
Pharis, Richard P.	2
ARCTIC	
Bewley, Derek J.	
CANADA, WESTERN	
Bewley, Derek J.	2
MIDDLE ATLANTIC	
Bewley, Derek J.	2
PLANT ANATOMY MORPH. ULTRA STRUCTURE	
NORTH CENTRAL	
Jensen, Lawrence C.	5
PACIFIC STATES	
Jensen, Lawrence C.	2
ROCKY MOUNTAIN	
Jensen, Lawrence C.	3
PLANT ECOLOGY	
AFRICA	
Dasmann, Raymond F.	2
Ovington, John D.	1
ASIA	
Ovington, John D.	4
AUSTRALIA	
Ovington, John D.	7
Parkhurst, David P.	3
CANADA, EASTERN	
Auclair, Allan N.	4
Czuba, Margaret A.	3
Panning, Leonard M.	1
Oechel, Walter C.	3
Ovington, John D.	0.5
CANADA, NORTHERN	
Bliss, Lawrence C.	
Panning, Leonard M.	1
Zilke, Samuel	6
CANADA, WESTERN	
Bliss, Lawrence C.	5
Panning, Leonard M.	3
Hettinger, Loren R.	3
Johnson, Karen L.	3.5
Zilke, Samuel	15
CENTRAL AMERICA	
Oechel, Walter C.	0.2
Ovington, John D.	0.5
EUROPE, EASTERN	
Ovington, John D.	1
EUROPE, WESTERN	
Castellano, Pliseo	1
Dasmann, Raymond P.	3
Ovington, John D.	9
Prince, Carl R.	3
MIDDLE ATLANTIC	
Bliss, Lawrence C.	3
Dasmann, Raymond P.	3
NEW ZEALAND	
Bliss, Lawrence C.	1
NORTH CENTRAL	
Auclair, Allan N.	4
Bliss, Lawrence C.	9
Parkhurst, David P.	3.5
Zilke, Samuel	4
NORTHEAST	
Auclair, Allan N.	.1
Bliss, Lawrence C.	2
Johnson, Karen L.	2
PACIFIC STATES	
Bliss, Lawrence C.	1
Dasmann, Raymond P.	13
Douglas, George W.	5
Johnson, Karen L.	0.2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
PLANT ECOLOGY	
ROCKY MOUNTAIN	
Bliss, Lawrence C.	1
Fanning, Leonard M.	1
Johnson, Karen L.	1.5
Parkhurst, David P.	0.5
SOUTH AMERICA	
Castellano, Pliseo	3
Ovinaton, John D.	0.5
SOUTH CENTRAL	
Johnson, Karen L.	3
Silker, Ted R.	11
SOUTHEAST	
Dasmann, Raymond F.	1
Oechel, Walter C.	1
Silker, Ted R.	2
SOUTHWEST	
Hettinger, Loren R.	2
Johnson, Karen L.	0.2
Oechel, Walter C.	3
PLANT PATHOLOGY	
CANADA, EASTERN	
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Fanning, Leonard M.	3
NORTHEAST	
Pfister, Donald R.	4
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
SOUTH AMERICA	
Pfister, Donald R.	0.12
POPULATION BIOLOGY	
AFRICA	
Dasmann, Raymond P.	2
ALASKA	
Barrett, Reginald H.	1
ASIA	
Sakai, Seiroku	29
AUSTRALIA	
Barrett, Reginald H.	1
Potter, Michael A.	3
CANADA, EASTERN	
Colby, Peter J.	1.5
Sherman, Daryl K.	2
CANADA, WESTERN	
Sherman, Daryl K.	4
CENTRAL AMERICA	
Miskimen, George W.	1
EUROPE, WESTERN	
Dasmann, Raymond P.	3
MIDDLE ATLANTIC	
Dasmann, Raymond P.	3
NORTH CENTRAL	
Barrett, Reginald H.	1
Colby, Peter J.	17
Miskimen, George W.	2
Pinkowski, Benedict C.	8
PACIFIC STATES	
Barrett, Reginald H.	5
Dasmann, Raymond P.	13
Page, Jerry L.	4
PUERTO RICO	
Miskimen, George W.	11
SOUTH AMERICA	
Miskimen, George W.	1
SOUTHEAST	
Dasmann, Raymond P.	1
Miskimen, George W.	4
PUBLIC HEALTH	
CANADA, EASTERN	
Duffey, Robert R.	3
NORTH CENTRAL	
Duffey, Robert R.	5
ROCKY MOUNTAIN	
Duffey, Robert R.	2
RANGE SCIENCE	
ALASKA	
Barrett, Reginald H.	1
AUSTRALIA	
Barrett, Reginald H.	1
CANADA, EASTERN	
Fanning, Leonard M.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
RANGE SCIENCE	
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Panning, Leonard M.	3
NORTH CENTRAL	
Barrett, Reginald R.	1
PACIFIC STATES	
Barrett, Reginald R.	5
Page, Jerry L.	4
ROCKY MOUNTAIN	
Panning, Leonard M.	1
REPRODUCTIVE BIOLOGY	
AFRICA	
Thum, Alan R.	1
CANADA, EASTERN	
Colby, Peter J.	1.5
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
Hohn, Otto E.	1
CANADA, WESTERN	
Panning, Leonard M.	3
Hohn, Otto E.	24
Venhuizen, Bradley A.	6
HAWAII	
McParlane, Robert W.	2
NORTH CENTRAL	
Colby, Peter J.	17
Venhuizen, Bradley A.	
PACIFIC STATES	
Thum, Alan B.	7
Venhuizen, Bradley A.	
ROCKY MOUNTAIN	
Panning, Leonard M.	1
SOUTH AMERICA	
McParlane, Robert W.	1
SOUTHEAST	
McParlane, Robert W.	12
SOIL SCIENCE	
AFRICA	
Bates, Thomas P.	5
AFRICA, NORTH AND CENTRAL	
Karkanis, Panayoti G.	8
CANADA, EASTERN	
Bates, Thomas P.	10
Panning, Leonard M.	1
Poscolos, Anthony E.	1
Salonius, Peter O.	6
Schorl, Anton	2
Warkentin, Benno P.	14
CANADA, NORTHERN	
Panning, Leonard M.	1
Zilke, Samuel	6
CANADA, WESTERN	
Coen, Gerald M.	5
Panning, Leonard M.	3
Poscolos, Anthony E.	5
Karkanis, Panayoti G.	2
Schorl, Anton	2
Zilke, Samuel	15
CENTRAL AMERICA	
Kidder, Gerald	3
Walker, James L.	8
EUROPE, WESTERN	
Karkanis, Panayoti G.	4
Warkentin, Benno P.	1
GREECE	
Poscolos, Anthony E.	7
HAWAII	
Walker, James L.	5
MEXICO	
Kidder, Gerald	2
NORTH CENTRAL	
Bates, Thomas P.	3
Kidder, Gerald	3
Walker, James L.	2
Zilke, Samuel	4
NORTHEAST	
Coen, Gerald M.	4
Warkentin, Benno P.	4
PACIFIC STATES	
Bates, Thomas P.	3
Poscolos, Anthony E.	6
Warkentin, Benno P.	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
SOIL SCIENCE	
ROCKY MOUNTAIN	
Panning, Leonard M.	1
SOUTH CENTRAL	
Kidder, Gerald	3
Silker, Ted R.	11
SOUTHEAST	
Bates, Thomas E.	1
Schori, Anton	2
Silker, Ted R.	2
SOUTHWEST	
Bates, Thomas E.	1
SYSTEMATICS	
AFRICA	
Eidt, Douglas C.	1.5
ASIA	
Sakai, Seiroku	29
CANADA, EASTERN	
Banfield, Alexander W.P.	25
Eidt, Douglas C.	14.5
Rising, James D.	9
CANADA, NORTHERN	
Banfield, Alexander W.P.	2
Rising, James D.	0.5
Vitt, Dale R.	2
Wong, Horne R.	2
CANADA, WESTERN	
Banfield, Alexander W.P.	3
Eidt, Douglas C.	5
Rising, James D.	0.5
Vitt, Dale R.	3
Wong, Horne R.	25
EUROPE, WESTERN	
Balsbaugh, Jr., Edward D.	2
MEXICO	
Rising, James D.	0.5
NORTH CENTRAL	
Balsbaugh, Jr., Edward D.	7
Banfield, Alexander W.P.	1
Rising, James D.	5
Stibick, Jeffrey N.L.	2
Vitt, Dale R.	3
Wong, Horne R.	3
NORTHEAST	
Balsbaugh, Jr., Edward D.	5
Rising, James D.	1
PACIFIC	
Stibick, Jeffrey N.L.	3
SOUTHEAST	
Balsbaugh, Jr., Edward D.	3
Stibick, Jeffrey N.L.	4
SYSTEMS ANALYSIS	
AFRICA	
Armstrong, Patrick R.	21
CANADA, EASTERN	
Dorney, Robert S.	5
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Clark, William C.	2
Panning, Leonard M.	3
EUROPE, WESTERN	
Armstrong, Patrick R.	10
NORTH CENTRAL	
Dorney, Robert S.	13
ROCKY MOUNTAIN	
Dorney, Robert S.	1
Panning, Leonard M.	1
SOUTH AMERICA	
Dorney, Robert S.	5
SOUTH CENTRAL	
Silker, Ted R.	11
SOUTHEAST	
Silker, Ted R.	2
SOUTHWEST	
Armstrong, Patrick R.	21
TAXONOMY	
AFRICA	
Eidt, Douglas C.	1.5
ASIA	
Sakai, Seiroku	29
CANADA, EASTERN	
Banfield, Alexander W.P.	25
Dorney, Robert S.	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

TAXONOMY	YEARS IN REGION
CANADA, EASTERN	
Eidt, Douglas C.	14.5
CANADA, NORTHERN	
Banfield, Alexander W.P.	2
Vitt, Dale H.	2
Wong, Horne R.	2
CANADA, WESTERN	
Banfield, Alexander W.P.	3
Eidt, Douglas C.	5
Johnson, Karen L.	3.5
Vitt, Dale H.	3
Wong, Horne R.	25
EUROPE, WESTERN	
Balsbaugh, Jr., Edward U.	2
NORTH CENTRAL	
Balsbaugh, Jr., Edward U.	7
Banfield, Alexander W.P.	1
Dorney, Robert S.	13
Stibick, Jeffrey N.L.	2
Vitt, Dale H.	3
Wong, Horne R.	3
NORTHEAST	
Balsbaugh, Jr., Edward U.	5
Johnson, Karen L.	2
Pfister, Donald R.	4
PACIFIC	
Stibick, Jeffrey N.L.	3
PACIFIC STATES	
Johnson, Karen L.	0.2
ROCKY MOUNTAIN	
Dorney, Robert S.	1
Johnson, Karen L.	1.5
SOUTH AMERICA	
Dorney, Robert S.	5
Pfister, Donald R.	0.12
SOUTH CENTRAL	
Johnson, Karen L.	3
SOUTHEAST	
Balsbaugh, Jr., Edward U.	3
Stibick, Jeffrey N.L.	4
SOUTHWEST	
Johnson, Karen L.	0.2
TOXICOLOGY, CHEM. AND PATHOLOGY OF PESTICIDES	
CANADA, WESTERN	
Oloffs, Peter C.	10
EUROPE, WESTERN	
Oloffs, Peter C.	3
NORTH CENTRAL	
Oloffs, Peter C.	5
VETERINARY SCIENCE	
CANADA, EASTERN	
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Panning, Leonard M.	3
ROCKY MOUNTAIN	
Panning, Leonard M.	1
VIROLOGY	
CANADA, EASTERN	
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
CANADA, WESTERN	
Panning, Leonard M.	3
ROCKY MOUNTAIN	
Panning, Leonard M.	1
WATER RESOURCES MANAGEMENT	
AFRICA	
Davies, Gordon S.	2
AFRICA, NORTH AND CENTRAL	
Karkakis, Panayoti G.	8
ALASKA	
Goodwin, Harry A.	3
ASIA	
Choi, Chung-Il	1
CANADA, EASTERN	
Choi, Chung-Il	5
Davies, Gordon S.	7
Fischer, David W.	3
CANADA, NORTHERN	
Stockner, John G.	3
CANADA, WESTERN	
Davies, Gordon S.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
WATER RESOURCES MANAGEMENT	
CANADA, WESTERN	
Karkanis, Panayoti G.	2
Stockner, John G.	1
ENGLAND	
Stockner, John G.	1
EUROPE, WESTERN	
Fischer, David W.	1
Goodwin, Harry A.	2
Karkanis, Panayoti G.	0
MIDDLE ATLANTIC	
Goodwin, Harry A.	9
NORTH CENTRAL	
Fischer, David W.	2
Stockner, John G.	2
NORTHEAST	
Fischer, David W.	2
Goodwin, Harry A.	8
PACIFIC STATES	
Davies, Gordon S.	4
Fischer, David W.	1
Goodwin, Harry A.	6
McNeely, Cyrus M.	8
Stockner, John G.	5
ROCKY MOUNTAIN	
Fischer, David W.	3
Goodwin, Harry A.	7
SOUTHEAST	
Fischer, David W.	3
WILDLIFE MANAGEMENT	
AFRICA	
Daswam, Raymond F.	2
ALASKA	
Barrett, Reginald H.	1
Hancock, David A.	.5
Parker, Thomas L.	0.5
ASIA	
Chowdhry, Inayat U.	
Hancock, David A.	16
AUSTRALIA	
Barrett, Reginald H.	1
CANADA, EASTERN	
Banfield, Alexander W.F.	25
Silco, Louis	3
Stocek, Rudolph F.	10
Thompson, Gerald E.	2
CANADA, NORTHERN	
Banfield, Alexander W.F.	2
Hancock, David A.	.5
Parker, Thomas L.	0.5
Pearson, Arthur M.	9
Schweinsburg, Raymond E.	2
Thompson, Gerald E.	0.5
CANADA, WESTERN	
Banfield, Alexander W.F.	3
Hancock, David A.	8
Lynch, Gerry M.	6
Parker, Thomas L.	2
Pearson, Arthur M.	3
Thompson, Gerald E.	4
EUROPE, EASTERN	
Chowdhry, Inayat U.	
EUROPE, WESTERN	
Daswam, Raymond F.	3
Hancock, David A.	16
Krott, Peter	25
Pearson, Arthur M.	2.5
GUAM	
Perez, Gerald S.A.	5
HAWAII	
Hancock, David A.	.16
MIDDLE ATLANTIC	
Daswam, Raymond F.	3
Schweinsburg, Raymond E.	2
Stocek, Rudolph F.	0
NORTH CENTRAL	
Banfield, Alexander W.F.	1
Barrett, Reginald H.	1
Lynch, Gerry M.	3
Pinkowski, Benedict C.	8
NORTHEAST	
Silco, Louis	2
NS/AUSTRALIA	
Hancock, David A.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
WILDLIFE MANAGEMENT	
PACIFIC STATES	
Barrett, Reginald H.	5
Chowdhry, Inayat U.	13
Dasmann, Raymond P.	.25
Hancock, David A.	4
Page, Jerry L.	4
ROCKY MOUNTAIN	
Hancock, David A.	.5
Parker, Thomas L.	3
SOUTHEAST	
Dasmann, Raymond P.	1
SOUTHWEST	
Schweinsburg, Raymond E.	5
Silco, Louis	3.5

SECTION III

ORGANIZED GROUPS, FIRMS OR TEAMS

Agricultural Consulting
 Box 394, Muleshoe, Texas 79347
 806-272-3998

Clarence Christian

Formed: 1969 Other Business 1 Life Scientists

Pest Management

Agricultural Phycology, American Bioculture, Inc.
 4108 E. Air Lane, Phoenix, Arizona 85034
 (602) 273-7326

Philip W. Clark, President; Kenneth E. Porter, Vice President

Formed: September 1970 Corporation 4 Life Scientists

Working with metabolites from algae cultures for practical biological application. Extensive application to the agricultural field and effluent reclamation.

WaterKleen Sewage Reclamation

Turf improvements through increased water & air infiltration

Improved soil structure on the farm lands

AgriDevelopment Company
 3 Fleetwood Court, Orinda, California 94563
 (415) 254-0789

Richard B. Bahme

Formed: 1963 Other Business dba 2 Life Scientists

Natural resources survey & inventory evaluation of technical & economic response to agricultural chemicals, investigation of environmental problems.

Feather River Flood Damage to Cropland

Marketing Study for Feed & Fertilizer Phosphates

Environmental Impact of Power Distribution Structures

Agri Science Laboratory, Inc.
 3309 W. El Segundo Blvd., Hawthorne, California 90250
 (213) 679-1125

R. H. T. Matton

Formed: 1968 Corporation 1 Life Scientists

- 1) Environmental testing, water, solids wastes, soils
- 2) Ecological surveys in agriculture
- 3) Agriculture testing

Translocation of a flatoxin to mushrooms

Translocation of heavy metals & concentration by mushrooms

Agri-Service Associates
 Box 189, Gothenburg, Nebraska 69138
 308-537-3876

Dr. Everett Dennis; Dr. Charles A. Wilson

Formed: 1972 Voluntary Association

Interested in ground and surface water management, waste disposal and management, and improved economics of agriculture

A & H Engineering - Environmental Testing Division
 1501 N. Main, East Peoria, Illinois 61611
 (309) 694-4311

Andrew J. Kern

Formed: 1968 Corporation 1 Life Scientists

Primary interest is in laboratory testing

Sludge Basin - Investigation & Inspection

Water Quality Investigation

Waste Water Quality Inventory

Alaska Cooperative Wildlife Research Unit
University of Alaska, Fairbanks, Alaska 99701
(907) 479-7673

David R. Klein, Leader

Formed: 1950 Non-profit Organization 4 Life Scientists
University-based team

Wildlife ecology and management studies and training

Reactions of caribou to a simulated pipeline

Ecological study of Nunivak Is. muskox population

A comparison of seasonal quality of wild reindeer ranges

Am. Comm. Intl. Wildlife Protection
Suite 176, 3900 Wisc. Av., N.W., Washington, D. C. 20016
202-363-2435

Lee M. Talbot, Chrm.

Formed: 1939 Non-profit Organization

Maintenance of wildlife and wildlife habitats in the world

American Public Health Assoc.
1015 18th N.W., Washington, D. C. 20016
202-467-5040

Richard L. Wade, PhD

Formed: 1872 Non-profit Organization 8 Life Scientists

Congressional education, professional education, technical publications
research

Standard methods for examination of air poll.

Standard methods for water & wastewater examination

Self supported with AWWA & WPCF Health Effects of Nat. Energy Policy

Analytical Systems Corp.
 11 Ray Avenue, Burlington, Mass. 01803
 617-272-7910

Michael B. Rukin

Formed: 1969 Corporation 1 Life Scientists

Basic and applied research and engineering in water, air, land, noise
 and transportation

Environmental Data Processing

Water Distribution Analysis

Applied Tropical Research, Inc.
 1006 Winding Rd., College Stn., Texas 77840
 846-6827 (area 713)

John F. Griffiths

Formed: 1971 Corporation 6 Life Scientists

Within tropical & sub-tropical areas and in inter-disciplinary problems

Aquatic Control, Inc.
 P. O. Box 100, Seymour, In. 47274
 812-643-2011

Gary Duxtater, President

Formed: 1966 Corporation 14 Life Scientists

The design, field investigation, analysis and reporting results of
 aquatic and terrestrial ecological studies

Biota of the Broad River, S. C.

Biota of the Cape Fear, N. C.

Aquatic Biota in Lake Mich. near Racine, Wisc.

Laboratory of Aquatic Entomology
 P. O. Box 111, Laboratory of Aquatic Entomology, Florida A+M Univ.,
 Tallahassee, Florida 32307
 904-222-8030 ext. 418 (Dr. William L. Peters) ext. 624 (Mr. Paul M. Carlson)

Dr. William L. Peters

Formed: 1966 University-based Team 9 Life Scientists

Aquatic insect ecology and taxonomy

Biological survey of the waters entering Choctawhatchee Bay

Aquatic Life Consultants
 808 Ute Drive, Stillwater, Oklahoma 74074
 (405) 372-1723

Troy C. Dorris

Formed: 1967 Partnership 3 Life Scientists

Biological effects of water pollution

Monitoring bottom fauna below paper plant outfall

Investigation of fish kill

The Arctic Company, Ltd., Iroquois Division
 706 Third Street, S. W., Washington, D. C. 20024
 (202) 737-9500

Bernard W. Poirier, General Manager

Formed: 1971 Corporation 3 Life Scientists

Environmental impact assessment; expeditions

Atlantic Earth and Environmental Consultants, Ltd.
P. O. Box 2114, Postal Station East, Dartmouth, N. S.

D. E. Buckley, President

Formed: 1970 Partnership 1 Life Scientists

Exploration geology, oceanography, geophysics, geochemistry, mariculture, pollution science

Ecological Effects of Oil Pollution-Chedabucto Bay

Seismic Profiling-Nova Scotia

Bionomics Studies Group of Michael -Baker-, Jr., Inc.
4301 Dutch Ridge Road, Beaver, Penn. 15009
(412) 495-7711

John B. Wakelee

Formed: 1972 Corporation 4 Life Scientists

Environmental analysis and planning of utility and highway corridors, airports, industrial sites, and strip-mine reclamation

Corridor Study

U. S. Rte. 44 - Corridor Study - Conn.

I-80 and Idaho 19 - Corridor Study - Idaho

Orville P. Ball & Associates
8755 Vista del Verde, El Cajon, Ca. 92021
(714) 443-4045

Mr. Orville P. Ball, Jr.

Formed: 1970 Corporation 2 Life Scientists

Lakes Management & Water Quality
Outdoor Recreation Planning - Environmental Impact Studies

Vineyard Lake, Sonoma Co., California

McCormick Lakes, Scottsdale, Arizona

CampLake, San Diego County, California

Belle W. Baruch Coastal Research Institute
 University of South Carolina, Columbia, S. C. 29208
 (803) 777-5288; 777-5289; 777-6896

F. John Vernberg, Director

Formed: 1969 University-based Team 8 Life Scientists

Primarily, environmental studies on coastal and inshore marine habitats

Effects of Mercury on Estuarine Animals

Environmental Baseline Studies on An Undeveloped Estuary
 (North Inlet Estuary, S. C.)

Effects of Dredging in Charleston Harbor on Plankton

Pacific Northwest Laboratory, Batelle Memorial Institute
 P. O. Box 999, Richland, WA. 99352
 509-946-2261

Dr. Edward L. Alpen, Director

Formed: 1965 Non-profit Organization 250 Life Scientists

Environmental and Life Sciences, Ecology; Biology; Atmospheric, Water and
 Land Resources Management; Systems Engineering, Pollution abatement

Environmental Assessments

Freshwater, Marine, Terrestrial Ecological Studies

Environmental Assessment

Division of Applied Biology, B. C. Research
 3650 Westbrook Crescent, Vancouver 8 B. C., Canada
 (604) 224-4331

Dr. C. C. Walden

Formed: 1948 Non-profit Organization 14 Life Scientists

Detoxification of Kraft pulp mill effluents

Projected water quality and behavior of Lake Williston

Sublethal effects of Kraft effluents on salmon

Bearpaw Associates
 504 Rose Avenue, Blacksburg, Virginia 24060
 703-552-8672 or 703-951-5674

Robert H. Giles, Jr.

Formed: 1969 Team and Joint Venture

Environmental impact analyses, computer-based decision aids, ecological simulation, wildland management plans, open space planning

Wrap, wildland resource allocation procedure

Prescriptions for the Williamsburg (Va.) environmental system

Influences of I-70 on Leakin Park (Baltimore, Md.)

R. W. Beck and Associates, Analytical and Consulting Engineers
 200 Tower Bldg., Seattle, Wash. 98101
 206-622-5000

Herbert C. Westfall

Formed: 1942 Partnership 3 Life Scientists

Environmental Impact Evaluation, Long-Range Planning, Siting and Feasibility Studies and Abatement Equipment Design Application

Research on Non-Evaporative Cooling Towers for Thermal-Electric Generating Plants

Seattle Metropolitan Sewer Systems: Joint Venture

Master Plan & Environmental Report, Lake Washington Ship Canal

Bennett & Peters, Inc.
 P. O. Box 64656, Baton Rouge, La. 70806
 504-342-4453

Corporation 5 Life Scientists

Forest Ecology

Betz Environmental Engineers, Inc.
 One Plymouth Meeting Mall, Plymouth Meeting, Penn. 19462
 215-825-3800

F. A. Sanders, Ph.D., P.E. President

Formed: 1890 Corporation 3 Life Scientists

B.E.E. specializes in environmental consulting and engineering design services for industries and municipalities

N. M. Bikales & Co.
 8 Trafalgar Drive, Livingston, N. J. 07039
 201-992-0030

Dr. Norbert M. Bikales

Formed: 1965 Other Business 1 Life Scientists

Synthesis and applications of polymers for water pollution control, especially polyacrylamides; applied polymer chemistry.

Synthesis of Flocculants and Polyelectrolytes

Development of filters for aerosols

Development of Collector for Oil Spills

Biological Research Associates, Inc.
 3435 Kenwood Dr., Fort Collins, Colorado 80521
 (303) 482-1798

Dr. Philip N. Lehner, President

Formed: 1972 Corporation 2 Life Scientists

Zoology (vertebrate and invertebrate); primarily mammals, game species, insects Ecological inventory and physiology

Bionomics, Inc.
790 Main Street, Waverham, Mass. 02561
617-295-2550

Dr. E. J. Macsek

Formed: 1969 Corporation 11 Life Scientists

Bio-Oceanic Research, Inc.
1600 Canal Street, 15th Floor, New Orleans, Louisiana 70112
(504) 523-3065

Dr. Merrill A. Toot, President

Formed: 1969 Corporation 3 Life Scientists

Marine/Estuarine Ecological Services

Benthological Survey, Louisiana Coast

Ecological Survey Following Phosphate Spill

Stress Analysis of Major Oil Spill

Bio-Serv Corporation
1130 Livermore, Troy, Michigan 48068
(313) 588-1005

H. W. Yess

Formed: 1970 Corporation 3 Life Scientists

Environmental Controls - Pesticides - Integrated Systems for elimination
of pest problems - Vertebrate Wildlife

Hooping Evaluation - Pesticide Infections and Control

Evaluation of Candidate Acoustic Mollusks

Inspection of systems for Estuarine Food Web

Black & Veatch
 1500 Meadow Lake Pkwy., Kansas City, Missouri 64114
 816-361-7000

T. B. Robinson

Formed: 1915 Partnership

Utilities; power plants; missile facilities; master planning; financial, engineering feasibility studies; instrumentation, automatic controls; appraisals

Environmental Report, Monticello Nuclear Generating Station

Environment Impact Assessment of Waste Water Ocean Outfall

Environmental Report, Sherburne County Generating Plant

Calepan Corporation-Department of Environmental Systems
 Box 235, Buffalo, New York 14221
 716/632-7500 ext. 538

D. B. Dahn, Head, Environmental Systems Dept.

Formed: 1970 Corporation 8 Life Scientists

Environmental Systems studies. Large (-55) interdisciplinary group for work on air, water, land and municipal and industrial pollution problems. Field, laboratory, and analytical experience

Airport Environmental Control Program

Environmental Effects Accompanying Upland Disposal of Polluted Dredgings

Discharge or Spillage of Thallium and Related Metal Compounds

Carolina Resource Consultants
 711 Hillview Street, Carrboro, North Carolina 27510
 919-929-2604

Ernest A. Carl, Ph. D.

Formed: 1972 Partnership 4 Life Scientists

Evaluation of environmental impacts of Federal and State projects; preparation of impact statements; expert testimony

NEPA statement preparation

Center for Environmental Studies
 1020 Derring Hall, Virginia Polytechnic Institute and State University,
 Blacksburg, Virginia
 703-951-5538

Dr. John Cairns, Jr. Director; Dr. Kenneth L. Dickson, Asst. Director

Formed: 1970 University-based Team 50 Life Scientists

All aspects of Environmental Impact Analyses (biological, cultural, etc.)
 Aquatic Ecological Studies, Sanitary Engineering, Environmental Systems

Ecological Survey of the South River Virginia

Biological Monitoring

Environmental Analysis of three Reservoirs in West Virginia

Center for Environmental Study
 1447 Lake Drive, S. E., Grand Rapids, Michigan 49503
 616-458-1566

Peter M. Wege

Formed: 1969 Non-profit Organization

Develops Environmental Systems and Models for community use. Computer
 simulation aids citizens and agencies in decision making

Water Model (River)

Emergency Services

Other Env. Models

Center for Regional Environmental Studies
 California State University, San Diego, California 92115
 (714) 286-5408

Charles F. Cooper, Director

Formed: 1970 University-based Team 20 Life Scientists

Ecological, economic, and social studies of environmental quality;
 emphasis on ecological modeling

Simulation of tundra ecosystem at Barrow, Alaska

Cooperative State Park Planning

Studies of lobster fisheries

The Center for the Environment and Man, Inc.
275 Windsor Street, Hartford, Connecticut 06120
203-549-4400

Frederick C. Henriques

Formed: 1961 Non-profit Organization 10 Life Scientists

Meteorological studies, Natural Resources Management, Environmental
Monitoring, Coastal Zone Management

Boundary Layer Model

Northeast Water Resources Study

Environmental Econometric Model

Center for Urban Regionalism
Kent State University, 231 Lowry Hall, Kent, Ohio 44242
216-672-2232

Eugene P. Wenninger, Director

Formed: 1965 University-based Team

Environmental impact assessment; water resources research; urban ecology

An Interdisciplinary Study of Some Heavy Metal Pollutants in a
Section of the Cuyahoga River Watershed

Monitoring and Nutrient Inactivation Studies on Two Glacial Lakes
(Ohio) Before and After Nutrient Diversion

Assessment and Evaluation of Wastewater Management Alternatives in
Cleveland-Akron Metropolitan and Three Rivers Watershed Areas

Ron Collins Consulting Entomologist
229 N. E. 17th Street, Hillsboro, Oregon 97123
(503) 648-5017

Ron Collins

Formed: 1971 Other Business 1 Life Scientists

Entomological, herbicidal investigations with field experimentation.
Pesticide product-liability investigation. Pest management in agricultural

The Residual Effects of Dicamba herbicide on Potatoes

Insecticides for Greenleach Aphid Control in Potatoes

Effects of herbicides on Thornless Evergreen Blackberries

Comeco
2438 North Nottingham Street, Arlington, Virginia 22207
703-538-2631

John H. Conroy

Formed: 1972 Voluntary Association 2 Life Scientists

Cooperative Development of Programs and Projects beneficial to both
communities and environments

Comite de Estudios Ambientales
Universidad de Antioquia, Departamento de Biologia, Medellin-Colombia

Gabriel Roldais

Formed: 1972 Voluntary Association 2 Life Scientists

To be aware government and private industries about the effects of pollution

Pollution of Medellin River

The Conference of Federal Environmental Engineers
3911 Parsons Road, Chevy Chase, Maryland 20015
OLiver 4-3522

James H. Le Van, Executive Director

Formed: December 15, 1954 Non-profit Organisation

To present to the Federal Government the views of all persons within the profession on problems affecting their employment and the good of their service.

Cornell University-Department of Natural Resources
College of Agriculture and Life Sciences, Cornell University, Ithaca, N.Y. 14850
256-2298

W. Harry Everhart

Formed: 1948 University-based Team 25 Life Scientists

Education, research, and service directed toward the appreciation and management of renewable natural resource systems

Dames & Moore
Suite 3500, 445 South Figueroa, Los Angeles, Ca. 90017
213/683-1560

Trent R. Dames, Executive Partner

Formed: 1938 Partnership 45 Life Scientists

Consulting Engineers in Environmental and Applied Earth Sciences

Ecological Studies of Terrestrial Biota

Bio-Environmental Monitoring (Terrestrial & Aquatic)

Environmental Impact Analysis

E. I. de Nemours and Company-Environmental Improvement Section
 13250 Brandywine Bldg., Wilmington, Delaware 19898
 (302) 999-3912 and (302) 774-7096

John E. Castle, Manager

Formed: 1972 Corporation

Marketing of chemicals equipment processes and services for improving
 air and water quality

Estacion Biologica De La Isla Victoria
 Casilla de Correo 138, Bariloche, Rio Negro, Argentina

Julio R. Contreras

Formed: 1969 Research Group 3 Life Scientists

Ecological study of Andean ecosystems, vanishing species protection and
 study

Ecology of Isla Victoria

Study of vanishing mammals

Ecological Analysts, Inc.
 4768 McKinley Drive, Boulder, Colorado 80302
 444-0117

Dr. J. T. Windell, President

Formed: 1972 Corporation 8 Life Scientists

Ecological studies in field and laboratory

Boulder Creek Project

CH₂M Hill Ecol. Inventories

South Boulder Creek

Ecologistics Limited
 133 Wynford Drive, Toronto, Ontario
 (416) 429-3411

D. J. Coleman

Formed: 1972 Corporation 1 Life Scientists

Environmental, recreation and open space planning

Ecology and Environment, Inc.
 P. O. Box D, Buffalo, New York 14225
 (716) 632-4491

Mr. Gerhard J. Neumaier, President

Formed: 1970 Corporation 15 Life Scientists

Environmental Assessments of Complex projects--multi-discipline capability

Pilot Plan Operation

Gasification Facility for LNG

Synthetic Natural Gas

Ecology Audits, Inc.
 9995 Monroe Drive, Dallas, Texas 75230
 214/350-7893

Richard H. Schulze, President

Formed: 1967 Corporation 1 Life Scientists

Measurement of air and water quality--both in ambient state and in
 industrial discharges

Emissions of a 3-Kiln cement plant

Study of emissions by a large feed mill

Ambient SO₂ levels in "X" county

Ecology Center
 Utah State University, Logan, Utah 84322
 801-752-4100 ext. 7411

John M. Neuhold, Director

Formed: 1966 University-based Team 42 Life Scientists

Research into basic aspects of ecology, Desert, montane, and aquatic areas are emphasized

Ecology Research Group
 Mass. Audubon Society, Lincoln, Massachusetts 01773
 259-9518

Dr. James D. Lazell, Jr.

Formed: 1970 Non-profit Organization 3 Life Scientists

Animal and plant ecology of coastal and insular areas

North Carolina Outer Banks

Cape Cod and the Islands

Baja California

Ecology Simulations, Inc.
 177 Chinquapin, Athens, Georgia 30601
 404-548-7929

Dr. Bernard C. Patten

Formed: 1971 Corporation 1 Life Scientists

Ecosystem simulation modeling and systems analysis

Modeling Florida lake eutrophication

Modeling coral reefs

Ecoplans, Inc.
The Arcade Building, Saratoga Springs, New York 12208
518-587-2550

Mr. Vincent Moore, President

Formed: 1972 Corporation 3 Life Scientists

Design of Urban, Recreational Facilities Based on Ecological Concepts

Okwari Park Envir. Impact Analysis

Tift Farm, Buffalo (Wildlife Management Area)

Ecoplans, Ltd.
124 Amos Avenue, Waterloo, Ontario, Canada
519-744-0629

Dr. Robert S. Dorney, President

Formed: 1970 Corporation 4 Life Scientists

Application Ecological Knowledge to Urban/Urbanizing Areas

Highway Impact 406-St. Catharine's Ontario

Highway Impact Study-QEW-Hamilton, Ontario

SUNY Campus, Utica-Rome, New York

Ecoview
2600 Jones Road, #33, Walnut Creek, California 94596
415-935-1101 or 415-937-1753

Dr. James A. Neilson

Formed: 1969 Corporation 8 Life Scientists

Impacts of Development or Recreation on Natural Ecosystems; Environmental Inventory, Analysis and Management Regional or Watershed Basis); Forest Management Contract research in plant ecology and vegetation.

Environmental Inventory of the Walnut Creek Basin, Contra Costa Co., Calif.

Development Impact of Rancho Murietta, a large scale planned community Sacramento County, California

Impact of Development on Water Quality of Cameron Park Ranches Sacramento County, California

Director
 3314 Aberdeen Way, Houston, Texas 77025
 713-667-5587

Dr. William C. Charaklis

Formed: 1971 Other Business 2 Life Scientists

Control of Water Pollution in Urban Areas

Engineering-Science, Inc.
 150 N. Santa Anita Avenue, Arcadia, California 91006
 213-443-7950

Robert L. White, President

Formed: 1946 Corporation 17 Life Scientists

Waste Collection, treatment, and disposal - reclamation systems, receiving
 water pollution surveys, water supply and treatment, research and development

Los Angeles Harbor (CA) Ecological Evaluation

Cook Inlet-Kenai Peninsula, Alaska

Jessica Bay, New York

Entomological Consultants Service
 105 Dean Street, Cleveland, N. 44102
 601-843-3202

Dr. Johnny D. Galts

Formed: 1964 Other Business 3 Life Scientists

Evaluation of insecticide applications

Reaction of stream pollution due to insecticide spillage

Envirolab, Inc.
946 Richmond Road, Painesville, Ohio 44077
216-352-8318

Charles D. Hildebrecht

Formed: 1972 Corporation 2 Life Scientists

Water pollution, analysis, development of clean up systems

Envirodyn Associates
2319 Pinneberg Avenue, Rockville, Maryland 20851
301-762-0248

Julius Jay Sabo

Formed: 1971 Voluntary Association 2 Life Scientists

Source and pathway identification, assessment of biological hazardous pollutants and means of hazards control and removal

Assessment of toxic metal pollutants in the environment and in man

Environics Branch
Air Force Weapons Laboratory, Kirtland AFB, N. M. 87111
505-247-1711 ext. 2542

Donald G. Silva

Formed: 1968 Government 8 Life Scientists

Environmental monitoring, impact assessment and control and abatement technology

Control of Birds in Airport Environment

Smoke Suppression of Training Fires

Environmental Biologists & Consultants
P. O. Box 1153, Garden Grove, California 92642
714-778-2040

Robert L. Pope

Formed: 1972 Partnership 2 Life Scientists

Botany, Zoology, Plant Pathology, Nematology, flora and fauna inter-relationships, Pesticide studies and control, Scientific photography

Environmental Biology - Water Pollution Research
Department of Biology, Univ. of Utah, Salt Lake City, Utah 84112
581-7470

Arden R. Gaufin

Formed: 1970 Voluntary Association 4 Life Scientists
University-based Team

Effects of pollution on aquatic life. Water quality requirements of aquatic invertebrates

Water Quality Standards for Lake Mead

Pollution of Houston Ship Channel

Thermal Pollution of Salt River, Illinois

Environmental Consultants, Inc.
5000 Wellston Court, Virginia Beach, Virginia 23462
703-499-1316

Dr. Ray S. Birdsong, President

Formed: 1973 Corporation 6 Life Scientists

Environmental impact assessment--coastal marine, wetlands and terrestrial environments

Biological Survey of the Upper Rappahannock R.

Biological Impact of the Cathright Dam

Site Location for Hampton Roads Spoils Disposal

Environmental Consultants, Inc.
2772 Quail Avenue, Las Vegas, Nevada 89120
736-1746 or 739-3269

Dr. James E. Deacon, President

Formed: 1972 Corporation 2 Life Scientists

Terrestrial and aquatic ecology of Southwestern U. S.

Water Quality Evaluation of Truchee River

Environmental Consultants
3360 Jacobs Avenue, Eureka, Ca. 95501
707-442-9206

Jack Yarnall, Environmental Coordinator

Formed: 1972 Corporation 8 Life Scientists

This is one Division which can be easily coordinated with other divisions of the company.

N/A in 1971, Environmental impact studies done in 1972 for several organizations

Environmental Consultants, Inc.
Box 541, Vermillion, S. D. 57069
605-624-2619

Webster H. Sill, Jr., President

Formed: 1971 Corporation 1 Life Scientists

Environmental consultations; Impact Statements; Planning; Consultants Services for preliminary planning; Legal Services

Environmental Impact Statement

Environmental Enterprises, Inc.
 1119 E. Gaylord, Mt. Pleasant, Michigan 48858
 517-772-2743

Dr. Harold D. Mahan

Formed: 1970 Corporation 4 Life Scientists

Comprehensive area planning for environmental activities; park development;
 on site analysis; promotional and educational activities

Environmental Park

Environmental Awareness Education Program

Recreational Park

Environmental Impact Analysts, Inc.
 1200 Stover Street, Fort Collins, Co. 80521
 303-493-9138

Alexander T. Cringan, President

Formed: 1972 Corporation 3 Life Scientists

Environmental impact analysis, particularly in relation to wildlife

Inventory wildlife resources in proposed oil shale mining area

Environmental Impact Center, Inc.
 5 Lee Street, Cambridge, Mass. 02139
 617-661-9525

Dr. A. C. Makrides

Formed: 1970 Corporation 2 Life Scientists

Preparation and consulting of NEPA environmental impact statements and
 related chemical and biological studies

Environmental Statement for Interstate 95 from the Danvers Line
 to the Merrimack River

"Methodology for Assessing Environmental Impact of Water Resources
 Development"

"Upgrading of Secondary Roads in Eastern Massachusetts"

Environmental Management Associates
 3211 Devon Road, Muncie 47304
 747-9901

Dr. Clark Judy

Formed: 1972 Corporation 3 Life Scientists

Providing environmental management information to private organizations and public agencies

Environmental Quality Program
 Faculty Exchange Box 119, Texas A&M University College Station, Texas 77843
 713-845-2673

Dr. C. L. Leinweber, Director

Formed: 1970 University-based Team 1 Life Scientists

This functions in a coordinative capacity for environmental programs at the University level

Environmental Studies Program
 Dana College, Blair, Nebraska 68008
 402-426-4101 ext. 328

George E. Grube

Formed: 1970 University-based Team 2 Life Scientists

College of Environmental Science and Forestry
 Syracuse Campus, Syracuse, New York 13210
 315-476-3151 ext. 317

Dr. Edward E. Palmer

Formed: 1911 University-based Team 76 Life Scientists

Instruction, research and public service in the design, management, science and engineering of resources management

St. Lawrence-Eastern Ontario Shoreline Study

Insect & Mammalian Chemical Communications (Chemical Ecology)

Riverton New Town Master Plan Study

Environmental Science Associates
 770 Airport Blvd., Burlingame, California 94010
 415-342-9407

Paul E. Zigman

Formed: 1969 Corporation 2 Life Scientists

Assessments of environmental impact and consequences of land development

Atmospheric Transport and Hazards of Particulate and Gaseous Contaminants

Detection and Transport of Contaminants in Marine Environments

Biological Interactions of Contaminants

The Environment and Resource Analysis Center
 University of Montana, Missoula, Montana
 406-243-6612

Joe. E. McDowell, President; A. W. Bolle, Director

Formed: 1966 Corporation

Develop programs & research in natural resources oriented areas-Land
 Use Planning

Blackfoot Valley Land Use Plan

Western Montana Land Use Plan

Lubrecht Ecosystem Project

Environment Consultants, Inc.
 13626 Neutron Road, Dallas, Texas 75240
 214-233-8261

Mr. A. J. Natale

Formed: 1965 Corporation 8 Life Scientists

Comprehensive inventory and/or modeling of natural resource systems with
 utilization planning and impact assessment

Big Pine Reservoir, Indiana

Martin Lake Steam Electric Station and Strip Mining

Brookhaven & Middle Island Landfills, Long Island, New York

Environment Control Corporation
 270 East Main Street, Painesville, Ohio 44077
 216-357-5586

Mr. Thomas Colpetzer, President

Formed: 1969 Corporation 7 Life Scientists

- (1) Solid Waste Management Studies and Operational Programs
- (2) Analytical laboratory - Subsidiary - Envirolab, Inc.

Study of Effects of Presence or Absence of Calcium on Nutrient Levels in Lake Erie

Ecological and Environmental Studies of the Northeast Ohio Water Development Plan

Ecological and Environmental Studies of the Southwest Ohio Water Development Plan

Environmetrics
 358 Douglas Drive, State College, Penn. 16801
 814-237-3246

Dr. Robert E. Henshaw

Formed: 1972 Other Business 11 Life Scientists
 University-based Team

Complete faunal and floral surveys for environmental impact statements (NEPA and AEC); temperate and arctic ecology

Impact of TransAlaska Oil Pipeline on Terrestrial Mammals (Review of Dept. Interior's Environmental Impact Statement)

Ecological Survey; Environmental Impacts of Pilgrim Nuclear Power Station

Nuclear Group, Boston Edison Company, 800 Beylston St., Boston, Ma. 02199

Eustance & Horowitz, P.C.
 Box 525, Circleville, New York 10919
 914-361-4541

Arthur W. Eustance

Formed: 1948 Corporation 1 Life Scientists

Consulting Engineering & Land Surveying, Preparation & Presentation - Environmental Impact Studies, Aquatic & Terrestrial

Fabric Research Laboratories, Inc.
1000 Providence Hwy., Dedham, Massachusetts 02026
617-326-5500

E. R. Kaswell, President

Formed: 1942 Corporation 3 Life Scientists

Textiles & related materials in air & water filtration; textile wastes;
textiles in human ecology

Air permeability of filter fabrics

Fabric structure of filter fabrics

Air detritus due to fabric abrasion

Fischer-Davies Associates
143 Abraham Street, Cambridge, Ontario N3H 1H4
519-885-1211 ext. 3256; 653-9500; 579-3453

D. Fischer; G. Davies

Formed: 1972 Partnership 1 Life Scientists
University-based Team

Environmental Impact Analysis; Environmental Feasibility Studies

Environmental Impact Management Workshops

Industrial Impact on Coastal Zone Environment

An Approach to Environmental Impact Assessment

FMC Corporation
Niagara Chemical Division, Seed Dept., Box 2508, El Macero, Calif. 95618
916-756-1382

Tom V. Williams, Research Director

Formed: 1965 Corporation 7 Life Scientists

Vegetable Variety Development

E. L. Foerster, Sr.
 Box 779, 1761 Hoffman Street, Harrisonburg, Virginia 22801
 703-434-0160

E. L. Foerster, Sr.

Formed: 1959 Consulting Engineer & Chemist

Waste Disposal and By Product Recovery, Refuse Disposal Surveys,
 Economics, Development, Design

Utilisation of Poultry Manure

Utilisation of Food Plant Wastes

Disposal and/or Utilization of Poultry Plant Scum

Frederiksen Engineering Company
 1755 Broadway, Oakland, California 94612
 415-465-0644

W. C. Frederiksen

Formed: 1963 Corporation 4 Life Scientists
 University-based Team

Environmental technology; air & water pollution control; impact statements
 for industries, commercial & residential developments; computer applications;
 lab analyses; control of runoff and wastewaters

Dispersion & dustfall study

320 Apartment Development

Control of industrial air pollutants

Friends of the Earth
 620 C Street, S.E., Washington, D. C. 20003
 202-543-4312

George Alderson, Legislative Director

Formed: 1969 Non-profit Organization 2 Life Scientists

Influence national policy through public-interest lobbying of Congress
 and Executive Branch and through litigation

SST Campaign

Auto Pollution Project

Frontier Consulting Services
2 Mile Old Nenana Road, Fairbanks, Alaska 99701
907-479-2630

Dr. Dwane J. Sykes

Formed: 1968 Other Business 3 Life Scientists

Gulf Universities Research Consortium
1611 Tremont Street, Galveston, Texas 77550
713-765-7714

Dr. James M. Sharp, President

Formed: 1965 University-based Team 8 Life Scientists

Program planning implementation and coordination on behalf of and involving multiuniversity and university/industrial/agency teams of investigators

Harvey, Hartsveldt, Heath & Stanley, Inc.
716 Garner Ct., Santa Clara, California 95050
208-243-6956 or 277-3008

Dr. H. T. Harvey

Formed: 1972 Corporation 4 Life Scientists

Evaluation of habitats as to wildlife values and human impact

Hedenburg & Venable
6111 Fifth Avenue, Pittsburgh, Pennsylvania 15232
412-441-8045

Emerson Venable

Formed: 1951 Partnership 1 Life Scientists

Air Pollution - Dispersion - Control - Health Aspects

Air Pollution Variance Board Allegheny Co., Penn.

Dust Fall Study, North Boros., Pennsylvania

Dust Fall Study

Howard E. Hesketh
Route 4, Carbondale, Illinois 62901
618-549-5628

Howard E. Hesketh

Formed: 1969 Private Consultant

Air Pollution Control Engineering

Environmental Impact Statement

Emission Standards and Odor Consulting

Emission Testing

Houston Area Population Biologists
% Dr. David L. Jameson, Dept. Biology, Univ. of Houston, Houston, Texas 77004
713-749-1558

D. L. Jameson

Formed: 1967 Voluntary Association 15 Life Scientists
University-based Team

Population ecology and Population genetics, demography, computer analysis
and simulation, biomathematics, public health, community ecology

Population Biology Institute for College Professors

Field work on mammal and mosquito populations

Independent Environmental Consultants
Dept. of Biology, Calif. State Univ., Los Angeles, California 90032
213-224-3518; 224-3258

James Henrickson, Ph.D.

Formed: 1971 Partnership 3 Life Scientists
University-based Team

Preparation of biological inventories and impact statements, environmental
evaluations

EIR Rancho San Diego, S. D. Co., California

EIS Keolwater-Kramer 200KV Transmission Line

Industrial Environmental Consultants
 4373 Kendale Road, Columbus, Ohio 43220
 614-451-2326

Dr. Thomas Rockwell

Formed: 1972 Partnership 1 Life Scientists

Environmental surveys and consultation in all fields with emphasis on health related activities

Insect Control & Research, Inc.
 1111 N. Rolling Road, Baltimore, Maryland 21228
 301-747-4502

Dr. Eugene J. Gerberg

Formed: 1946 Corporation 9 Life Scientists

Tropical agricultural and medical entomology; biological and integrated control of insects

Design and evaluation of pheromone traps for Gypsy Moth control and/or survey

Evaluation of *Toxorhynchites brevipalpis* as a predator of tree-hole mosquitoes

Institute for Environmental Studies
 University of Wisconsin, 1225 W. Dayton St., Madison, Wisconsin 53706
 608-262-2860/5957

Reid A. Bryson, Director

Formed: 1970 University-based Team 20 Life Scientists

Interdisciplinary studies of the man-environment system, instruction

Land Use Policy Study

Ecosystem Modeling-Lake Wingra-IBP

Climatic Change and Biota

Institute for Multidisciplinary Programs
 California State Polytechnic University, Pomona, 3801 W. Temple Avenue,
 Pomona, California 91768
 714-589-4536

Lenard R. Troncale, Ph.D.

Formed: 1972 University-based Team 2 Life Scientists

Faculty Fellows, Associate Fellows and 150 student interns are designing
 a fully recycling family module

Design of 3-yr. Bachelor of Science degree for training multidisciplinary
 specialists

Institute for Study and Conservation of Endangered Species (ISCES)
 P. O. Box 731, Athens, Georgia 30601
 503-679-6761

Randall L. Eaton, President

Formed: 1971 Non-profit Organization 25 Life Scientists

To study in the field and captivity, endangered species, and establish
 priorities for preservation

Institute of Ecology
 The Rock House, University of Georgia, Athens, Georgia 30601
 542-2968

Frank B. Colley

Formed: 1964 Non-profit Organization 50 Life Scientists
 Voluntary Association
 University-based Team

Ecology in all its aspects. Marine, freshwater, terrestrial tropical

Nuclear Power Plant Environmental Impact

Transportation Impact Study

Institute of Environmental Biology
 University of Rhode Island, Kingston, Rhode Island 02881
 401-792-2161

William L. Halvorson, Director

Formed: 1967 University-based Team 70 Life Scientists

General ecological studies and environmental physiology

Effect of Acute Hypoxia or Chronic Social Isolation on Brain Sensitivity

Sound perception by two species of marine fish and the American lobster

Mechanisms by which pargyline protects against OHP toxicity

Institute of Evolutionary and Environmental Biology
 University of California, 300 Veteran Avenue, Los Angeles, Calif. 90024
 213-825-7100

Dr. Malcolm S. Gordon

Formed: 1969 University-based Research Institute 55 Life Scientists

Basic and applied research in evolutionary and environmental biology,
 greatest strengths in physiology and marine science

Physiological studies of amphibious fishes

Ecological study of Malibu Creek, Malibu, California

Institute of Natural Resources
 Georgia College, Milledgeville, Georgia
 912-452-5541

Dr. T. Lloyd Chestnut

Formed: 1969 University-based Team 9 Life Scientists

Aquatic Biology--Use and Disuse of Natural Resources

Study of five lakes--comparing fertilization program with pellet feed

Interex Corporation
66 Woerd Avenue, Waltham, Massachusetts
617-899-9145

Dr. Joseph Rosenberg

Formed: 1971 Corporation 6 Life Scientists

Environmental studies regarding nuclear sites and water and waste water quality

Environmental Radiation Surveillance Program for Big Rock & Palisades Power Plants

Environmental Radiation Surveillance Program for Pilgrim Nuclear Power Plant

Environmental Radiation Surveillance Program for Peach Bo Hon Nuclear Power Plant

JBF Scientific Corporation
2 Ray Avenue, Burlington, Massachusetts 01803
617-273-0270

Ralph A. Bianchi

Formed: 1969 Corporation 1 Life Scientists

Research and development related to oil pollution control equipment, laboratory and field studies on water pollution (heavy metal, phosphorous, aeration)

Develop an Oil Skimmer for cleaning up oil spills

Investigation of mercury complexing agents for sediments

Conduct a multi-element evaluation of oil pollution equipment

M. B. Johnson Associates, Inc.
115 East Victoria Street, Santa Barbara, California 93101
962-7419

M. Bruce Johnson

Formed: 1972 Corporation 3 Life Scientists

Environmental Impact Reports

Kaman Sciences Corp.
 Colorado Springs, Colorado
 598-4880

Dr. Al. Bridges

Formed: 1957 Corporation 15 Life Scientists

Environmental and pollution programs with emphasis on air pollution

Land Planning for Air Quality

Environmental Impact for Highways

Environmental Impact of Power Plant

Kelly Pittelko Fritz & Forssen, Consulting Engineers
 720 Lloyd Building, Seattle, Washington 98101
 206-622-5822

Harvey P. Pittelko

Formed: 1960 Corporation

Study, planning, design and supervision of projects in United States,
 Canada (Alaska)

Kramer, Chin & Mayo
 1917 First Avenue, Seattle, Washington 98101
 206-682-2939

Ark Chin

Formed: 1972 Corporation 1 Life Scientists

Planning studies for and design of fish propagation and aquaculture
 facilities and their management

L. G. L., Ltd.-Environmental Research Association
 Suite 305, 214 Merton Street, Toronto 7, Ontario
 416-489-5641

Dr. W. W. H. Gunn

Formed: 1970 Corporation 25 Life Scientists
 Partnership

Consultants & Research Investigators of Environmental Problems for
 government and industry - specializing but not restricted to wildlife

Study of Trans-Canadian Pipeline

Bird Hazards to various International Airports

Ornithological Survey of the Mackenzie Delta Region of Western Arctic

Limnetics, Inc.
 6132 W. Fond du Lac Avenue, Milwaukee, Wisconsin 53218
 414-461-9500

R. V. Harmsworth

Formed: 1968 Corporation 16 Life Scientists

Aquatic Biology - Field Research

Limnological survey of a cooling lake

Environmental quality of a national park

Investigations on a biological filter

Lockheed Missiles & Space Co., Inc., Biotechnology Organization
 P. O. Box 504, Sunnyvale, California 94088
 408-742-3518 or 408-743-1180

James M. Smith

Formed: 1964 Corporation 13 Life Scientists

Area Health Care Delivery Systems--Wastewater Treatment Systems--Atm.
 Trace Contaminant Control--Smog Chamber Research--Human Engineering &
 Simulation

"Factors Affecting Reactions in Environmental Chambers"

Lundy Electronics & Systems, Inc., Environmental Sciences
 Robert Lane, Glen Head, New York 11545
 516-671-9000

James C. White

Formed: 1965 Corporation 3 Life Scientists

Wastewater treatment for small systems: Communities, Industries, Marine,
 Resort, Trailer Park, Marinas

Marine Sciences Research Center
 South Campus, State University of New York, Stony Brook, N. Y. 11790
 516-246-7710

Director, Marine Sciences Research Center

Formed: 1968 University-based Team 7 Life Scientists

Sponsored research of scientific questions resulting from man's impact
 on the marine environment

Disposal of fine-grained wastes

Effects of thermal effluent

Survey of water quality and sediments, 6 north-shore bays of Long
 Island

Marine Animal Research Associates
 5349 Woodbury Street, Ventura, California 93003
 805-662-4005

Robert F. Green

Formed: 1971 Partnership 5 Life Scientists

Marine mammal anatomy, parasitology, pathology and biology

Various studies on cetaceans and pinnipeds

Materials Consultants & Laboratories, Inc.
4501 William Penn Highway, Montebello, Penn. 15146
412-372-7822

Edward J. Pasiska

Formed: 1972 Corporation

Materials problems consulting and measurements using scanning electron microscopy and x-ray diffraction

Analysis of a potassium air borne contamination problem in a MF'D product

Analysis of air borne samples for SiO₂

Analysis of air borne samples for total dust, lead oxide, iron oxide, etc.

Decker G. McAllister, Jr., Consulting Engineers
122 W. Fifth Street, Suite 406, Long Beach, Calif. 90802
213-436-1708

Decker G. McAllister, Jr., P.E.

Formed: 1969 Sole Proprietorship

Consulting Chemical Engineer experienced in industrial pollution problems (primarily chemical industry)

James McEvoy, III & Associates
645 Oak Avenue, Davis, California 95616

James McEvoy, III, Ph.D.

Formed: 1969 Professional Consultant 2 Life Scientists

Social, legal and ecological consultation and research on environmental wastes generally

Environmental Quality & Water Development

The Social Impacts of land fill siting in Yolo County

Survey Research in water Resources Planning

McGill Fish Ecology Group
 Dept. of Biology, McGill University, P. O. Box 6070, Montreal 101, P.Q. Canada
 514-392-4655

Dr. William C. Leggett

Formed: 1969 University-based Team 7 Life Scientists

Fish Migrations, Reproductive Ecology, Bioenergetics, Effects of Thermal
 Pollution on Movements and Population Dynamics

Population Dynamics of American Shad, Effects of Thermal Discharge

Environmental Factors Controlling Mowing in Alosa sapidissima
 (American shad)

Bioenergetics of the Freshwater Migration of American shad

W. V. McGuinness, Consultant
 130 Woodhaven Drive, Avon, Connecticut 06001
 203-673-0336

W. V. McGuinness

Formed: 1973 Consultant, Sole Proprieter

Analysis of the social, economic, environmental and institutional aspects
 of planning and managing natural resources

Memphremagog Water Research Group
 Dept. of Biology, McGill Univ., P. O. Box 6070, Montreal 101, P.Q.
 514-392-4655

Dr. W. C. Leggett

Formed: 1971 University-based Team 8 Life Scientists

Effects of Nutrient Additions on Biology of Lake Ecosystems - a
 Multidisciplinary Modelling Approach

Primary productivity along a nutrient gradient

Invertebrate Species diversity along a nutrient gradient

Fish Species diversity and abundance along a nutrient gradient

Menyhert Associates
9611 Norfolk Str., Manassas, Virginia 22110
703-361-3848

William R. Menyhert, Sc.D., F.A.I.C.

Formed: 1967 Consulting 2 Life Scientists

Investigative preparation; Hearings; Consultation; Coating preparation
(manufacture, R&D and application research)--Can bring top specialists
in their own area together anytime

Consultation on Methodologies

Specialized Coatings (Environmental Paint) Water base Epoxies-Acrlates

Metcalf & Eddy, Inc.
Statler Office Building, Boston, Massachusetts 02116
617-423-5600

Franklin Y. K. Sunn, President

Formed: 1907 Corporation

Water resources development, water pollution control, and other aspects
of environmental engineering and planning

Comprehensive Study of Wastewater Management and Water Supply Quality
Control for the Occoquan Watershed in Virginia

Evaluation of Environmental Effects of Alternative Highway Alignments
in Salisbury, Massachusetts

Study of Effects of Industrial Waste Discharges at various locations
in Cork Harbor, Ireland

The National Center for Resource Recovery, Inc.
 1211 Connecticut Ave., N.W., Suite 800, Washington, D. C. 20036
 202-223-6154

Dr. Richard L. Leshner

Formed: 1970 Non-profit Organization

Research, analysis, demonstration and public awareness in area of
 municipal solid wastes recovery and reuse

National Sanitation Foundation
 3475 Plymouth Road, Ann Arbor, Michigan 48105
 313-769-8010

Robert M. Brown

Formed: 1944 Non-profit Organization

Environmental quality systems engineering, analytical services standards
 development, equipment testing and certification, water research, public
 information

Env. Quality Demo Project

Water Quality Index

Food Sanitation

New England Research Associates, Inc.
 133 The Great Road, Bedford, Massachusetts 01730
 617-275-2160

Carl Oric

Formed: 1970 Corporation 3 Life Scientists

Automatic water quality and air quality testing. Impact studies

Automatic Water Analyser

Clear Waters Program

Instrumentation Program

New England Research, Inc.
 100 Grove Street, Worcester, Massachusetts 01605
 617-752-0346

George Camougis

Formed: 1968 Corporation 6 Life Scientists

Environmental Impact Studies of Aquatic and Terrestrial systems; Water
 Quality Analysis; Drugs and Pesticides Research

Water Quality Study of Reservoirs & Riverine Systems

Environmental Impact Study, Preliminary Phase, Proposed Highway Rt. 52

Comparative Neuropharmacology of the Insecticide Pyrethrum

New York Ocean Science Laboratory, Affiliated Colleges & Univs., Inc.
 Drawer EE, Montauk, New York 11954
 516-668-5370

Dr. John C. Baiardi, President & Director

Formed: 1969 Non-profit Organization 14 Life Scientists

All phases of ocean sciences except ocean engineering, ship-building
 and submersibles

Non-Metallic Materials
 220 Trevarne Road, Livermore, California 94550
 415-447-8172

Frank Rosten/Roy G. Neville

Formed: 1969 Other Business 2 Life Scientists

Consulting, innovating, and developing processes and products directly
 concerned with environmental and related controls

Nortec, Inc.
1500 S. W. 1st, Portland, Oregon
503-224-6300

John R. Galat

Formed: 1968 Corporation 1 Life Scientists

Pollution abatement & design; environmental impact statements

Bonneville Environmental Impact Study

Mason Company Solid Waste Management Plan

Sanitary Waste Study for Deschutes National Forest

Nucor Corporation
2 Richwood Place, Denville, New Jersey 07834
201-627-4200

Mr. Elmo Dianni

Corporation

Development of air and water monitoring methods and instruments for
environmental pollutants

Develop phosphorus in water monitor

Develop sulfur in air monitor

Develop oil in water monitor

Oceanic Institute
Waimanalo, Hawaii 96795
259-7951

Dr. Colin E. Nash, Director

Formed: 1964 Non-profit Organization 4 Life Scientists

Environmental studies & problems related to the coastal areas & the sea

EIS Honokahau Harbor, Hawaii

EIS Ala Wai Harbor, Oahu

Coastal Zone Study - specific site evaluation

R.M. Parsons Laboratory for Water Resources & Hydrodynamics, M.I.T.
 15 Vassar Street, Cambridge, Massachusetts 02139
 617-253-2726

Professor Donald R. F. Harleman

Formed: 1950 University-based Team

Experimental research, mathematical model development and application,
 water resources, water quality control, coastal engineering

Pest Management Consultants
 3036 Prairie Road, Lincoln, Nebraska 68506
 402-489-4883

Earle S. Raun

Formed: 1972 Voluntary Association 8 Life Scientists

Advising agriculturists on techniques for pest control to minimize
 pesticide use

Phoenix, Inc. (Robt. W. Shaw Assoc.)
 Colebrook, New Hampshire

David K. Patrick

Formed: 1970 Corporation 1 Life Scientists

Land use planning and development; emphasizing wildlife and human habitat
 development

Colebrook Planning Studies

Colebrook Planning Board

PMS Instrument Company
5945 N. W. Rosewood Drive, Corvallis, Oregon 97330
745-5695

Brian D. Cleary

Formed: 1968 Corporation 2 Life Scientists

Water relations in plants; reforestation problems; scientific instrumentation,
particularly for field measurement of the environment

Produced approximately 45 instruments

Pollution Control Laboratories, Inc.
4340 S. Wolcott Avenue, Chicago, Illinois 60609
312-847-1661

William Colburn

Formed: 1963 Corporation

Industrial waste: surveys, engineering analysis, feasibility studies
on treatment methods, laboratory analyses

Polytechnic, Inc.
2600 S. Michigan Avenue, Chicago, Illinois
312-326-6440

Marvin A. Salzenstein, President

Formed: 1961 Corporation

Air pollution analysis; noise studies

Rochester (N.Y.) Zoning Ordinance

John L. Price & Associates
 7921 So. Painter Avenue, Whittier, California 90602
 213-696-8256

John L. Price, Ph.D.

Formed: 1969 Sole Ownership 3 Life Scientists

Environmental inventories, analyses, planning assistance and impact evaluations in natural and urban areas

Environmental Analysis of the Santa Ana River Plan

Environmental Analysis of the Lake Isabella Plan

Environmental Impact Statement for Canada Foothills Planned Community

PWS (Engineering) Service
 P. O. Box 209, Zion, Illinois 61265
 309-797-6312

Jon Peacy

Formed: 1966 Corporation

Design, test, and build air pollution control devices

Speech - Source Sampling

Humidity

Raytheon Oceanographic & Environmental Services
 P. O. Box 360, Portsmouth, Rhode Island 02871
 401-847-8000

Don Fink

Formed: 1968 Corporation 30 Life Scientists

Aquatic and Marine Surveys and Impact Studies

Ecological Assessment of Power Facility

Ecological Assessment of Power Facility

Ecological Assessment of Offshore Mining

Redwood Research Institute
 P. O. Box 59, Arcata, California 95521
 707-822-1649

Dr. Rudolf Becking, Executive Secretary

Formed: 1966 Non-profit Corporation 3 Life Scientists

Environmental impact statements, research in the Redwood Region, sponsor
 of grants for individual research

Ecology of the Redwood Region

Research in Children's Theater

Regional Systems Program
 325 Aylesworth Hall, Colorado State Univ., Fort Collins, Colorado 80521
 303-491-5833

Donald A. Jameson

Formed: 1972 University-based Team 3 Life Scientists

Training, models and analyses concerning resource systems which
 simultaneously involve ecological, economic, and social components

Research Associated Services
 c/o Berndt Kolker, Raymond College Univ. of the Pacific, Stockton, Ca. 95204
 209-946-2101

Berndt L. Kolker

Formed: 1972 Corporation 2 Life Scientists

Multi-disciplinary (bio/chemical, techno-economic) assessments and
 evaluations of ecosystems

Resource Ecology Associates
 P. O. Box 308, Red Bluff, California 96080
 916-527-3588

Wayne E. Long

Formed: 1970 Corporation 1 Life Scientists

Natural resources analysis, evaluation and management with emphasis on private lands and recreation management

Wildlife, recreation & environmental management

Preserve management and development

Consulting manager

J. L. Rogers Engineering Company, Inc.
 1046 N. Pleasantburg Drive, Greenville, S. C.
 233-6560

J. L. Rogers, P.E.

Formed: 1969 Corporation

Laboratory testing and analysis, treatability, etc., research

R v R Consultants
 P. O. Box 553, Shawnee-Mission, Kansas 66201
 913-722-5795

Dr. R. von Ruiker

Formed: 1971 Partnership 1 Life Scientists

Crop protection, pest management, hazardous chemicals in the environment, research management

Pesticide Manual

Use of Pesticides in Homes & Gardens

Pollution Potential in Pesticide Manufacturing

Soil & Plant Laboratory, Inc.
 P. O. Box 11744, Santa Ana, California 92711
 558-8333

O. A. Matkin

Formed: 1957 Corporation 7 Life Scientists

Soil, water, plant analyses, plant disease identification, plant production programs primarily in horticulture, research on fertiliser materials and growing media

Straw Disposal, Evaluation of Stable Waste Derived from Shavings

Nitrogen Reacting Capacity of Raw and Composted Rice Hulls

By-Product Ferrous Oxide as a Source of Plant Nutrient Iron

Southern California Coastal Water Research Project Authority
 1500 E. Imperial Hwy., El Segundo, California 90245
 213-322-3080

George E. Hlanka, Project Manager

Formed: 1969 Local Government Joint Power 6 Life Scientists

Marine ecology research

Nutrient & phytoplankton in the nearshore environment

Floatables in the nearshore environment

Trace metals and chlorinated hydrocarbons in wastewater, surface runoff, nearshore ocean waters and sediment

Spectrix Corporation
 1101 S. Post Oak Road, Suite L9, Houston, Texas 77027
 713-622-3144

Dr. Harris A. Lichtenstein

Formed: 1969 Corporation 2 Life Scientists

Instrumentation (gas chromatography and gas chromatography-mass spectrometry etc.) in environmental and Biomedical Research (and Development)

Spotts, Stevens and McCoy, Inc.
 345 N. Wyomissing Blvd., P. O. Box 70, Wyomissing, Pa. 19610
 215-376-6581

Lewis J. McCoy, P.E., President

Formed: 1968 Corporation

Consulting environmental engineers active in all phases of air and water pollution control and industrial hygiene

A. J. Steffen, Consulting Environmental Eng'g.
 2863 Ashland Street, W. Lafayette, Indiana 47906
 317-463-3353

A. J. Steffen

Formed: 1970 Individual Ownership

- 1) Developing & conducting training programs
- 2) Special consulting expertise: meat, poultry, dog food and other similar industrial wastes

Consulting with numerous industrial establishments and with consulting firms

Donald C. Stouse & Assoc., P.C., Consulting Engineers
 Route 1, Dubuque, Iowa 52001
 319-552-1616

Donald C. Stouse, P.E., Owner

Formed: 1966 Corporation

Water supply, sewage and industrial waste treatment

Taylor Biological
 1307 Pass-a-Grille Way, St. Petersburg Beach, Florida 33706
 360-8402

John L. Taylor

Formed: 1972 Other Business 1 Life Scientists

Benthic Surveys-Quantitative

Some effects of oyster shell dredging in Mobile Bay, Alabama

Commercial and Sport Fisheries of the Eastern Gulf of Mexico

Some effects of oyster shell dredging in Tampa Bay, Florida

Techni-Chem, Inc.
 205 E. State Street, P. O. Box 428, Cherry Valley, Ill. 61016
 815-332-5352

A. Curtis Reents; Harold W. Keller

Formed: 1972 Corporation

T-C provides the newest technology in the processing of water,
 wastewater, and solutions of organic and inorganic chemicals

Terra Planning Associates
 Box 183, Greenfield, Massachusetts 01301
 413-773-8108

James Pease

Formed: 1970 Partnership 2 Life Scientists

Ecological & environmental analysis. Resource Planning Environmental
 Impact

Lochner, Inc.-Environmental Impact Study-Highway Study

Tetra Tech, Inc.
630 N. Rosmead Blvd., Pasadena, California 91107
213-449-6400

Mr. N. Boratynski

Formed: 1955 Corporation 10 Life Scientists

Marine systems, hydrodynamics, environmental systems, energy, physical oceanography, marine pollution, solid wastes planning, research & development

Port & Harbor studies for Long Beach

Mathematical model for prediction of dispersion of settling in Barged ocean disposal of wastes

Environmental Impact Assessment in ONPR-4

Texas Instruments, Inc., Ecological Services
P. O. Box 5621, Attn: MS 949, Dallas, Texas 75222
214-238-3444

Ray Toole

Formed: 1930 Corporation 43 Life Scientists

Environmental planning, studies, reporting

Hudson River Ecological Survey

Site Feasibility Study

Oil Spill

Thorne Ecological Institute
1405 Broadway, Boulder, Colorado 80302
303-443-7325

Dr. W. David Zimmerman, Exec. Vice-President

Formed: 1954 Non-profit Organization

Timmerlinn Woodland Services
 R. R. #2, Ste. Agathe des Monts, P.Q. Canada
 819-326-3559

William Stewart Pollock

Formed: 1960 Other Business 4 Life Scientists

Forest Ecology, Silviculture

Study of asbestos Dust Pollution on Maple Sugarbushes

Study and planning for the revegetation of bare soils on 360 mile
 northern railway

Forest Inventory and Management Plan Doncaster Indian Reserve

Tudor Engineering Company
 149 New Montgomery St., San Francisco, Calif. 94105
 415-982-8338

Carl W. Otto, Vice President

Formed: 1950 Corporation

Planning and design of public works facilities including environmental
 studies from preliminary assessment through final impact statement
 preparation

Butler Valley Dam Environmental Impact Statement

San Francisco Bulk Mail Center Environmental Studies

Bayland Salt Water Flood Control Study

Turner, Collie & Braden, Inc. - Consulting Engineers
 3203 West Alabama, P. O. Box 13089, Houston, Texas 77019
 713-528-6361

R. M. Collie, President

Formed: 1946 Corporation 3 Life Scientists

Environmental Science and Engineering. Laboratory and Design Services
 in water, air, and solids waste control

W. F. Turney and Associates, Inc.
 312 Montezuma Avenue, Santa Fe, New Mexico 87501
 505-983-6957

W. F. Turney, President

Corporation

Design of municipal water and sewer systems

Department of Environmental Sciences and Engineering
 University of North Carolina at Chapel Hill 27514
 919-966-1171

Daniel A. Okun

Formed: 1939 University-based Team 8 Life Scientists

Research, laboratory and field investigations, and education in all aspects of environmental sciences and engineering, with special emphasis on water, air, radiation, occupational health, the institutional environment, and environmental management

Preimpoundment Studies of North Carolina Lakes

Environmental Surveillance and Thermal Effect Studies

Improving Wastewater Treatment Systems at the UNC Wastewater Research Center

Dept. of Environmental Sciences
 University of Virginia, Charlottesville, Virginia 22901
 703-924-3995

H. G. Goodell, Chairman

Formed: 1970 University-based Team 5 Life Scientists

Review impact statements, prepare impact statements, field and laboratory studies and investigations

Salem Church Dam Impact

Weather modification

Land use and Resource Management, Coastal Zone

URS Research Company
 155 Bovet Road, San Mateo, California 94402
 415-514-5001

Charles H. Hamman, President

Formed: 1952 Other Business 2 Life Scientists

Consultation on environmental aspects of planning and environmental impact statements

Environmental Impact of an Oil Spill. El Segundo Marine Terminal
 Marine studies - Thermal Effects of Kahe Power Plant, Oahu, Hawaii
 Environmental Impact Statement for the Hewlett-Packard Santa Rosa Facility

Aquatic Biology Division, Virginia Institute for Scientific Research
 6300 River Road, Richmond, Virginia 23229
 282-9581

William S. Woolcott

Formed: 1971 Non-profit Organization 7 Life Scientists

Aquatic Biology - to present freshwater studies

The James River Bremo Bluff Power Station
 Survey of fishes and invertebrates for pesticide study in estuaries

Wapora, Inc.
 6900 Wisconsin Avenue, Washington, D. C. 20015
 301-652-9520

Dr. J. I. Bregman

Formed: 1969 Corporation 15 Life Scientists

Aquatic Ecology--Sanitary Engineering

Ohio River Ecological Studies
 Dredging Effects
 Water Quality Standards Maintenance

Water Engineering Associates
 1515 W. Wisconsin Avenue, Milwaukee, Wisconsin 53233
 414-224-7079

Dr. Raymond J. Kipp

Formed: 1965 University-based Team

Wastewater Engineering - Industrial Wastes - Treatment Plant Evaluation

Peshtigo Study of Paper Wastes & Municipal

Use of Peat in Home Treatment Method

Waterresource Consulting Engineers
 100 Washington Street, Reno, Nevada 89503
 702-322-9443

George E. Shaw

Formed: 1971 Partnership

Water Resources Engineering providing solutions to water quality and quantity problems

Feasibility of Desalting in Nevada

Fallon N.A.S. and City Combined Sewerage Feasibility

Lake Mead Fish Hatchery Waste Treatment Plant

Water Resources Research Institute of the Univ. of North Carolina
 124 Riddick Bldg., N. C. State University, Raleigh, North Carolina
 919-755-2815

David H. Howells

Formed: 1965 University-based Team 7 Life Scientists

Research dealing with water and related land resource problems

Wenzel and Company

P. O. Box 2091, 4035 Tenth Avenue S., Great Falls, Montana 59401

Corporation

Design and construction inspection of water supply and distribution systems, sewers and sewage treatment plants

Hill County Water System

Devon Water District

Safeguard ABM Water System U. S. Army

Western Environmental Research Associates

P. O. Box 4794, Pocatello, Idaho 83201

208-236-2650, 236-3530

Karl E. Holte, Chm. of Board of Directors

Formed: 1972

Corporation

5 Life Scientists

Provide expertise and consulting service for planning and/or evaluating environmental effects of resource utilisation

Environmental survey-big and little wood rivers-Idaho (prior to incorporation)

Environmental survey-Teton & Henry's FK (Snake) Rivers-Idaho (1972)

Roy F. Weston, Inc.

Lewis La., West Chester, Pennsylvania 19380

215-692-3030

Roy F. Weston, Chr. Board/Ch. Exec. Off.

Formed: 1951

Corporation

1 Life Scientists

Comprehensive environmental consultation via application of engineering and the basic sciences

Concept Evaluation Report/Taconite Tailings Disposal, Reserve Mining Company, Silver Bay, Minnesota

Power Plant Siting Project

Gaseous/Liquid Effluents Treatment--Proposed Fuel Oil Desulphurisation Plant

J. W. Whaley--Agricultural Consultant
 1545 E. Calimyrna, California
 209-439-4570

Julian W. Whaley

Formed: 1971 Other Business 1 Life Scientists

Pesticide injury to crops, diseases of crop plants

Herbicide injury to cotton

Herbicide injury to crops

Wilsey & Ham
 1035 E. Hilledale Blvd., Foster City, California 94404
 415-349-2151

Lee E. Ham

Formed: 1942 Corporation

Multidisciplinary Planning, Engineering, Systems Analysis, Environmental
 Impact Studies, Architecture, Landscape Architecture

ABM Safeguard Impact Study

Technological Impacts on Estuary Resource Use

William J. Woodman, Ph.D.
 Tropical Agri-Search (Phil.), P. O. Box 944, Commercial Center, Makati
 Rizal, Philippines
 50-90-21 to 26

William J. Woodman

Formed: 1969 Sole Proprietorship 1 Life Scientists

Insecticide & herbicide field evaluation in tropical crops; food chain
 utilization; artificial fish and shrimp culture

Effect of herbicides used in VietNam

Evaluation coded compounds

Evaluation coded compounds

Zoecon Corporation
975 California Avenue, Palo Alto, California 94304
415-855-6301

Dr. Carl Djerassi

Corporation 23 Life Scientists

Development of Insect Growth Regulators and pheromones for insect control

Zollman Associates, Inc.
P. O. Box 8657, Friendship Int'l Airport, Baltimore, Maryland 21240
301-796-0208

Mr. Charles C. Zollman

Formed: 1967 Corporation 3 Life Scientists

Consulting Engineer firm with Environmental planning and design
incorporated into plans and programs

Acid Mine Drainage/aquatic biota study

Environmental Impact Study and Report

Environmental Study of Highway and Bridge over river/marsh area

SECTION IV

BACKGROUND AND METHODOLOGY

SECTION IV - BACKGROUND AND METHODOLOGY

Chronology of the Project

The procedures used to create this directory were designed by a committee of volunteer scientists appointed by Arthur D. Hasler, Director of TIE in September 1972. The committee first met with representatives of the Corps of Engineers on 22 September 1972 in order to verify OCE's requirements for the directory.

Project Guidelines

A number of guidelines and ground rules were agreed upon during this meeting:

- 1) OCE's primary need was to identify environmental life scientists, broadly defined, who had competence in ecosystem analysis. The directory was not to include other scientists or engineers.
- 2) A primary user of the directory, as far as OCE was concerned, would be Corps of Engineers personnel located in different parts of the Nation.
- 3) OCE was primarily interested in ecologists with experience in water resource development.
- 4) OCE would encourage a comprehensive approach to the directory's design to allow its use by other organizations with related, but different interests.

After reviewing about 20 related directories and data bases, the committee concluded that a useful directory would have to be based on new survey information. Existing directories were either too specialized, out-of-date, or did not focus sufficiently upon water resource topics. The committee decided to prepare a survey questionnaire that would meet OCE's needs and the needs of related user groups.

During the next six weeks, the committee prepared five successive drafts of a survey questionnaire in consultation with OCE. At the same time, 40 professional societies in the life sciences were requested to participate in the project by making their membership lists available for the survey.

Survey Distribution and Response

Following the completion of the questionnaire, (Figure 1), approximately 40,000 copies were mailed directly to scientists, using membership lists provided by 40 professional societies. The names of the cooperating



The Institute of Ecology

Arthur D. Hesler, director • 808 North Park Street • University of Wisconsin • Madison, Wisconsin 53708
Suite 3200, 956 L'Enfant Plaza, Washington, D. C. 20024

Telephone (608) 262 3304
(202) 484-1192

Figure 1 page 1
Advisory Committee
on Scientific Resources
Ronald G. Alderfer, University of Chicago
Albert W. Johnson, California State Univ.
Robert W. McIntosh, Notre Dame University
Alan E. Steven, Univ. of North Carolina
F. H. Wagner, Utah State University
John A. Wiens, Oregon State University

TIE FOUNDERS

- Academy of Natural Sciences
- American Museum of Natural History
- Arizona State University
- Center for the Environment & Man
- Clemson University
- Colorado State University
- Conservation Foundation
- Cornell University
- Dalhousie University
- Florida
- Quebec University
- Escuela Vocacional de Tecnologia de Alimentos (Uruguay)
- Field Museum of Natural History
- Florida State University Marine Lab
- Fundacion Biologica Argentina
- Harvard University
- Indiana University
- Instituto Nacional de Limnologia Argentina
- McGill University
- Massachusetts Institute of Technology
- Max Planck Institut für Limnologie (Bonn and Germany)
- Michigan State University
- New York University
- Oak Ridge National Laboratory
- Oceanic Institute
- Oregon State University
- Organization for Tropical Studies
- Rutgers - The State University
- San Diego State College
- Smithsonian Institution
- State University of New York
- University of Alaska
- Texas A & M University

2 December 1972

Dear Colleague

This survey is designed primarily to help link life scientists, in universities, to groups in need of advice in the field of ecology and associated fields of environmental science. It is undertaken by The Institute of Ecology (TIE) in cooperation with its Founding Institutions and the forty scientific societies who have made their membership lists available for this purpose.

Data developed in the survey (in the respondent's words) will be made available to organizations who request help in making contact with scientists. Respondents may specify those (types of) organizations with which they wish to work. In most cases, the requesting organization will make contact with the respondent directly. Hence we have included such questions as will give such organizations the information they need to identify individuals who may be of help to them.

The survey seeks, particularly, to identify resource persons whose interests are germane to considerations of populations or communities of organisms, their interactions with their environments, the resultant attributes of ecosystems and the relation of these to broad-based problems of environmental management. Engineers, hydrologists and other physical scientists who complete the questionnaire will be included, although the survey is primarily addressed to life scientists.

The TIE survey costs are underwritten through a contract with the Corps of Engineers who will publish a *Directory of Environmental Life Scientists* based on the survey data. The Directory is expected to be available through the National Technical Information Service (NTIS) of the Department of Commerce, early in 1973.

Thank you for your cooperation.

Albert W. Johnson
Albert W. Johnson,
Chairman, Advisory Committee on Scientific Resources

P.S.: If you have already received a questionnaire, please give this one to an interested colleague.

- Universidad de Antioquia (Colombia)
- Universidad Austral de Chile
- University of British Columbia
- Florida
- University of California
- University of Colorado
- University of Connecticut
- University of Florida
- University of Georgia
- University of Hawaii
- University of Houston
- University of Idaho
- University of Illinois
- Universidad de Mexico
- University of Michigan
- University of Minnesota
- University of Montana
- University of North Carolina
- University of Pennsylvania
- University of Rhode Island
- Universidad de San Paulo
- Texas
- University of South Carolina
- University of Toronto
- Florida
- University of Tennessee
- University of Texas
- University of Virginia
- University of Washington
- University of Wisconsin
- Utah State University
- Virginia Polytechnic Institute
- Washington State University
- West Virginia University
- Woods Hole Oceanographic Institution
- Yale University

SURVEY OF ENVIRONMENTAL LIFE SCIENTISTS									
SECTION I — IDENTIFICATION									
1. NAME (LAST) 1 (2-21)			(FIRST) 1 (2-21)			(MIDDLE INITIAL) 1 (32)			
2. DEPARTMENT/OFFICE 1 (33-5)					3. TELEPHONE NO. (AREA CODE) 1 (32-60) (NUMBER) (27-4,66-9)			4. YR. OF BIRTH 1 (70-72)	
5. HIGHEST DEGREE 1 (74-76)		(YEAR) 1 (74-80)		5A. WHAT FIELD OR MAJOR 2 (7-22)			5B. WHAT UNIVERSITY		
6. INSTITUTION OR ORGANIZATION 2 (21-55)									
6A. STREET ADDRESS 2 (56-80)					NATION 3 (47-56)				
6B. CITY 3 (7-26)			STATE 3 (27-41)			ZIP CODE 3 (42-46)			
6C. ARE YOU A PART OF A TEAM OR REPRESENTATIVE OF A RESEARCH OR CONSULTING GROUP? 1 [] YRS 2 [] NO <input checked="" type="checkbox"/>									
IF YES, GIVE NAME OF GROUP IF DIFFERENT THAN QUESTION 6: 3 (58-80)									
7. MEMBERSHIP IN PROFESSIONAL SOCIETIES (PLEASE INDICATE YOUR PRESENT MEMBERSHIP IN THE FOLLOWING SOCIETIES AND THE APPROXIMATE NUMBER OF YEARS YOU HAVE BEEN A MEMBER.)									
YEARS OF MEMBERSHIP (USE CHECK) <input checked="" type="checkbox"/>					YEARS OF MEMBERSHIP (USE CHECK) <input checked="" type="checkbox"/>				
1-3 4-10 11+					1-3 4-10 11+				
021 [] 022 [] 023 [] AAAS					161 [] 162 [] 163 [] Animal Behavior Society				
031 [] 032 [] 033 [] American Fisheries Society					171 [] 172 [] 173 [] Botanical Society of America				
041 [] 042 [] 043 [] Amer. Phytopathological Society					181 [] 182 [] 183 [] Ecological Society of America				
051 [] 052 [] 053 [] American Society of Agronomy					191 [] 192 [] 193 [] Entomological Society of America				
061 [] 062 [] 063 [] Amer. Soc. of Ichthyologists & Herpetologists					201 [] 202 [] 203 [] International Assoc. for Ecology				
071 [] 072 [] 073 [] Amer. Soc. of Limnology & Oceanography					211 [] 212 [] 213 [] International Assoc. of Limnology				
081 [] 082 [] 083 [] American Society of Mammalogists					221 [] 222 [] 223 [] Psychological Society of America				
091 [] 092 [] 093 [] American Society of Microbiologists					231 [] 232 [] 233 [] Society of American Foresters				
101 [] 102 [] 103 [] American Soc. of Plant Physiologists					241 [] 242 [] 243 [] Society for Economic Botany				
111 [] 112 [] 113 [] American Soc. of Plant Taxonomists					251 [] 252 [] 253 [] Soil Society of America				
121 [] 122 [] 123 [] American Soc. of Zoologists					261 [] 262 [] 263 [] Wildlife Disease Association				
151 [] 152 [] 153 [] American Ornithologists Union					271 [] 272 [] 273 [] Wildlife Society				
131 [] 132 [] 133 [] Other (specify)					281 [] 282 [] 283 [] Other (specify)				
4 (20-56) 4 (37-51)									

DO NOT WRITE IN THIS SPACE

1 (1-4)

A. _____

B. _____

C. _____

D. _____

3 (7-9)

(10-12)

(13-15)

(16-18)

(19-21)

SECTION 3 - RESEARCH OR CONSULTATION ACTIVITY

DO NOT WRITE HERE

12. PLEASE DESCRIBE AS MANY AS THREE OF YOUR RECENT RESEARCH OR CONSULTATION EXPERIENCES, USING THE FORMAT BELOW:

12. (SHORT TITLE) _____ 10(12-00)	
DURATION (MONTHS) [] 10(7-9)	DATE OF COMPLETION (YEAR) 19 [] 10(9-10)
NUMBER OF PUBLICATIONS RESULTED [] 10(11-12)	NUMBER OF PERSONS SUPERVISED [] 10(13-14)
SCOPE (THOUSAND DOLLARS) 10(15) 1 [] 1-4 2 [] 5-14 3 [] 15+	INDIVIDUAL OR TEAM EFFORT 1 [] INDIVIDUAL <input checked="" type="checkbox"/> 2 [] TEAM
PROJECT SPONSOR OR CLIENT _____ 10(17-31)	
13. (SHORT TITLE) _____ 11(12-00)	
DURATION (MONTHS) [] 11(7-9)	DATE OF COMPLETION (YEAR) 19 [] 11(9-10)
NUMBER OF PUBLICATIONS RESULTED [] 11(11-12)	NUMBER OF PERSONS SUPERVISED [] 11(13-14)
SCOPE (THOUSAND DOLLARS) 11(15) 1 [] 1-4 2 [] 5-14 3 [] 15+	INDIVIDUAL OR TEAM EFFORT 1 [] INDIVIDUAL <input checked="" type="checkbox"/> 2 [] TEAM
PROJECT SPONSOR OR CLIENT _____ 11(17-31)	
14. (SHORT TITLE) _____ 12(12-00)	
DURATION (MONTHS) [] 12(7-9)	DATE OF COMPLETION (YEAR) 19 [] 12(9-10)
NUMBER OF PUBLICATIONS RESULTED [] 12(11-12)	NUMBER OF PERSONS SUPERVISED [] 12(13-14)
SCOPE (THOUSAND DOLLARS) 12(15) 1 [] 1-4 2 [] 5-14 3 [] 15+	INDIVIDUAL OR TEAM EFFORT 1 [] INDIVIDUAL <input checked="" type="checkbox"/> 2 [] TEAM
PROJECT SPONSOR OR CLIENT _____ 12(17-31)	

SECTION 4 - EXPERIENCE AND INTEREST IN CONSULTATION

15. INDICATE BELOW YOUR EXPERIENCE AND/OR INTEREST IN WORKING WITH THE FOLLOWING NAMED ORGANIZATIONS OR KINDS OF GROUPS.

	EXPERIENCE <small>(PLACE A CHECK MARK IF YOU HAVE WORKED WITH THIS GROUP AS AN:)</small>	INTEREST <small>(PLACE A CHECK MARK IF YOU ARE WILLING TO WORK WITH THIS GROUP)</small>	
<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	EMPLOYEE CONSULTANT		EMPLOYEE CONSULTANT
PRIVATE SECTOR	991 [] all		U.S. FEDERAL GOVERNMENT
Agriculture	[] 1006 [] 1007 [] 1008		Agriculture
Construction	[] 1016 [] 1017 [] 1018		Atomic Energy Commission
Manufacturing	[] 1026 [] 1027 [] 1028		Commerce
Mining	[] 1036 [] 1037 [] 1038		Congressional Committee
Transportation	[] 1046 [] 1047 [] 1048		Corps of Engineers
Utility	[] 1056 [] 1057 [] 1058		Defense Department
LOCAL GOVERNMENT	992 [] all		Environmental Protec. Agv.
County or city government	[] 1066 [] 1067 [] 1068		Health, Educ. & Welfare
Local or regional planning group	[] 1076 [] 1077 [] 1078		Housing & Urban Develop.
State government	[] 1086 [] 1087 [] 1088		Interior
CONSERVATION OR SCIENTIFIC GROUP	993 [] all		National Science Foundation
Civic action group	[] 1096 [] 1097 [] 1098		Office of Sci. & Technology
Conservation group	[] 1106 [] 1107 [] 1108		State Department (AID)
Professional society	[] 1116 [] 1117 [] 1118		Transportation
The Institute of Ecology (TIE)	[] 1126 [] 1127 [] 1128		OTHER GOVERNMENTS
The Nat'l Academy of Sciences (NRC)	[] 1376 [] 1377 [] 1378		Asian
INTERNATIONAL ORGANIZATIONS	994 [] all		African
United Nations	[] 1136 [] 1137 [] 1138		Central American
World Bank	[] 1146 [] 1147 [] 1148		Canadian
IUCN	[] 1156 [] 1157 [] 1158		European, eastern
Other (specify)	[] 1806 [] 1807 [] 1808		European, western
			South American
			Other (specify)

16. HAVE YOU EVER SERVED AS AN EXPERT WITNESS FOR:

<input checked="" type="checkbox"/> CONGRESSIONAL COMMITTEE 1 []	LOCAL GOVERNMENT 3 []	<input checked="" type="checkbox"/>
STATE LEGISLATURE 2 []	HEARING ON PUBLIC PROJECT 4 []	
	JUDICIAL PROCEEDINGS 5 []	

SECTION 5 - EXPERIENCE AND INTEREST IN ENVIRONMENTAL IMPACT ASSESSMENT

17. HAVE YOU EVER PREPARED, OR HELPED TO PREPARE, ENVIRONMENTAL IMPACT STATEMENTS OR ASSESSMENTS? YES NO YES NO

DO NOT WRITE HERE
14(12) L L

18. (OMIT IF YOU HAVE NOT PREPARED IMPACT STATEMENTS) INDICATE BELOW WHAT ASPECT OF THE ASSESSMENT PROCESS YOU PERFORMED:

<input type="checkbox"/> 1 DETERMINATION OF DATA REQUIREMENTS	<input type="checkbox"/> 4 REPORT PREPARATION
<input type="checkbox"/> 2 FIELD DATA COLLECTION	<input type="checkbox"/> 5 REPORT REVIEW
<input type="checkbox"/> 3 LITERATURE REVIEW	<input type="checkbox"/> 6 MANAGEMENT OF ASSESSMENT PROCESS
<input type="checkbox"/> 7 DATA INTERPRETATION	<input type="checkbox"/> 8 EVALUATION

14(13) L L
(14) L L
(15) L L
(16) L L
(17) L L
(18) L L
(19) L L

19. INDICATE BELOW WITH A CHECK MARK, THE TOPICS IN WHICH YOU HAVE INTEREST OR EXPERIENCE WITH REGARD TO ENVIRONMENTAL IMPACT ASSESSMENT:

INTEREST	EXPERIENCE		INTEREST	EXPERIENCE	
<input type="checkbox"/> 101	<input type="checkbox"/> 102	Agriculture			
<input type="checkbox"/> 103	<input type="checkbox"/> 104	Airports	MAINTENANCE & OPERATIONS		
<input type="checkbox"/> 105	<input type="checkbox"/> 106	Energy conversion/production	<input type="checkbox"/> 35	<input type="checkbox"/> 36	Watershed, forest, range
<input type="checkbox"/> 107	<input type="checkbox"/> 108	Forestry	<input type="checkbox"/> 37	<input type="checkbox"/> 38	Reservoir releases
<input type="checkbox"/> 109	<input type="checkbox"/> 110	Highways	OTHER FACTORS		
<input type="checkbox"/> 111	<input type="checkbox"/> 112	Parks, recreational facilities	<input type="checkbox"/> 39	<input type="checkbox"/> 40	Hydroelectric power
<input type="checkbox"/> 113	<input type="checkbox"/> 114	Pesticides, herbicides	<input type="checkbox"/> 41	<input type="checkbox"/> 42	Navigation
<input type="checkbox"/> 115	<input type="checkbox"/> 116	Soil erosion	<input type="checkbox"/> 43	<input type="checkbox"/> 44	Flood control
<input type="checkbox"/> 117	<input type="checkbox"/> 118	Tailings, spoils disposal	<input type="checkbox"/> 45	<input type="checkbox"/> 46	Irrigation
<input type="checkbox"/> 119	<input type="checkbox"/> 120	WATER RESOURCE DEVELOPMENT (GENL)	<input type="checkbox"/> 47	<input type="checkbox"/> 48	Water supply
PHYSICAL ALTERATIONS			<input type="checkbox"/> 49	<input type="checkbox"/> 50	Water quality control
<input type="checkbox"/> 121	<input type="checkbox"/> 122	Channelization	<input type="checkbox"/> 51	<input type="checkbox"/> 52	Shoreline protection
<input type="checkbox"/> 123	<input type="checkbox"/> 124	Dredging, filling	<input type="checkbox"/> 53	<input type="checkbox"/> 54	Fish & Wildlife conservation
<input type="checkbox"/> 125	<input type="checkbox"/> 126	Beach nourishment	<input type="checkbox"/> 55	<input type="checkbox"/> 56	Other (specify)
STRUCTURES			_____ 15 (7-21)		
<input type="checkbox"/> 127	<input type="checkbox"/> 128	Reservoirs/Dams			
<input type="checkbox"/> 129	<input type="checkbox"/> 130	Levees/dikes			
<input type="checkbox"/> 131	<input type="checkbox"/> 132	Coastal protection/jetties			
<input type="checkbox"/> 133	<input type="checkbox"/> 134	Canals/Channels			

14
(20-21) L L
(22-23) L L
(24-25) L L
(26-27) L L
(28-29) L L

18A. HAVE YOU HAD EXPERIENCE IN THE ASSESSMENT OF SECONDARY IMPACTS? YES NO

14(30) L L

SECTION 6 - AVAILABILITY, GEOGRAPHIC EXPERIENCE AND OTHER FACTORS

20. DOES YOUR EMPLOYER HAVE A POLICY WHICH LIMITS YOUR CONSULTING TIME? YES NO NOT APPLICABLE
IF YES, GIVE CEILING IN DAYS PER MONTH: []

14(31) L L
(32-33) L L

21. IF YOUR ANSWER TO QUESTION 20 WAS YES, DOES THIS APPLY TO PUBLIC SERVICE (PRO BONO) WORK ALSO? YES NO

14(34) L L

22. HOW MANY DAYS WOULD YOU BE ABLE TO WORK IN 1975? DURING THE ACADEMIC YEAR? [] DAYS PER MONTH
DURING THE SUMMER? [] DAYS PER MONTH

14(35-36) L L
(37-38) L L

23. WOULD YOU BE WILLING TO ACCEPT A LEADERSHIP ROLE (SUPERVISING THE WORK OF OTHER PROFESSIONALS) IN A CONSULTING SITUATION? YES

14(39) L L

24. INDICATE BELOW THE TIME (IN YEARS) THAT YOU HAVE SPENT IN EACH REGION SINCE RECEIVING YOUR BACHELOR'S DEGREE:

UNITED STATES		UNITED STATES (CONT.)		OTHER (CONT.)	
<input type="checkbox"/> 01	Pacific States	<input type="checkbox"/> 08	Southeast	<input type="checkbox"/> 14	Canada, eastern
<input type="checkbox"/> 02	Rocky Mountain	<input type="checkbox"/> 09	Hawaii	<input type="checkbox"/> 15	Canada, western
<input type="checkbox"/> 03	Southwest	<input type="checkbox"/> 10	Alaska	<input type="checkbox"/> 16	Canada, northern
<input type="checkbox"/> 04	North Central	OTHER		<input type="checkbox"/> 17	Europe, eastern
<input type="checkbox"/> 05	South Central	<input type="checkbox"/> 11	Asia	<input type="checkbox"/> 18	Europe, western
<input type="checkbox"/> 06	Northwest	<input type="checkbox"/> 12	Africa	<input type="checkbox"/> 19	South America
<input type="checkbox"/> 07	Middle Atlantic	<input type="checkbox"/> 13	Central America	<input type="checkbox"/> 20	Other (specify)

14 A Y
(40-43) L L L L
(44-47) L L L L
(48-51) L L L L
(52-55) L L L L
(56-59) L L L L

25. INDICATE WITH A CIRCLE, IN THE ABOVE LIST, THOSE REGIONS IN WHICH YOU HAVE THE MOST EXPERIENCE IN YOUR RESEARCH ACTIVITIES.

14(60-68) L L
(71-72) L L

NAME OF LANGUAGE(S)	CAN PREPARE AND DELIVER LECTURES		CAN CONVERSE		HAVE FACILITY TO TRANSLATE TECHNICAL JOURNALS		CAN READ TECHNICAL ARTICLES FOR OWN USE		SOME KNOWLEDGE BUT CAN'T USE AS A MEDIUM OF COMMUNICATION
	EASILY	WITH DIFF. CULTY	FLUENTLY	PASS-ABLY	INTO ENGLISH	FROM ENGLISH	EASILY	WITH DIFF. CULTY	

14(73-74) L L
L P
14(75-76) L L
(77-78) L L
(79-80) L L

27. PLEASE ATTACH A VITAE FOR TIE'S FILES. THIS INFORMATION WILL ONLY BE FURNISHED TO GROUPS INDICATED IN QUESTION 18.

MAIL QUESTIONNAIRE TO: TIE, Suite 3200, 995 L'Enfant Plaza, WASHINGTON, D.C. 20024

societies are shown in question seven on the first page of the questionnaire. Because of the large membership overlap among these societies, it is estimated that approximately 30,000 individuals received questionnaires through this mailing. In addition, each of TIE's 75 founding institutions received 100 questionnaires for distribution. Another 2,500 questionnaires were distributed to individuals or organizations who requested them from TIE on the basis of announcements which appeared in several technical and professional journals.

The distribution of questionnaires was begun on 3 December 1972 and was completed by 22 December 1972.

Over 6,100 responses were received in the first month, 8,500 by the second month and a total of 9,200 by the third month. For purposes of directory development and publication, the 9th of February was chosen as the cut-off date, for acceptance of directory inputs. Responses received after that date will be input into subsequent directories.

Computer Processing

Beginning 1 February 1973, the survey questionnaires were transferred to EDP tape by EISO in a machine-readable format. That is, no numerical or other codes were used to translate the questionnaire's information; the respondent's exact words were used in preparing the EDP files.

Publication Plans

Because of the large volume of responses to the survey, four decisions were made jointly by OCE and TIE at the third committee meeting on 10 January 1973:

1) Selection of Date for Publication: Only half of the survey data would be included in the publication, as shown in Figure 2.

2) Cross-Reference Tables: The publication was to be organized to include a basic statement about each respondent, to be contained in about 1/3 to 1/4 of a page, and a series of cross-reference or index tables to provide ready access to the basic statement.

The basic statement, which is now designated as Table 1 of the directory, was to contain 16 items of data about each respondent, organized in a uniform format. This information is designed to give an overall picture of the respondent, and to facilitate selection of a consultant.

3) Consultants to OCE: The committee decided to include in the directory only those individuals who had indicated an interest in working with the Corps of Engineers. To implement this decision, the committee used an internal criterion: the respondent's expressed interest in working with the Corps of Engineers as evidenced through his/her answers to Question 15.

PUBLICATION SCHEDULE BY SURVEY QUESTION NUMBER

<u>Question Number</u>	<u>Title/Subject</u>	<u>Appears in Director Table(s):</u>	<u>Notes</u>
1	Name of Respondent	1, 2, 4, 5	
3	Telephone Number	1	
4	Year of Birth	1	
5	Highest Degree/Year of Degree	1	
5A	Field of Major	1	
5B	University (for highest degree)	Not published	
2	Department/Office	1	
6	Institution/Organization	1	
6A	Street Address	1	
6B	City, State, Nation, Zip Code	1	
6C	Part of Consulting Group ?	Not published	
7	Professional Society Membership	Not published	
8	Areas of Competence	1, 5	Note A
9	Field of Greatest Competence	1, 3	Note A
10	Biological Level	Not published	
11	Interest in Ecosystem Analysis	2	Note C
12)	Research/Consultation Title	1, 3 (note 2)	
13)	Other data besides Title	Not published	
14)			
15	Experience as Employee	1	
	Experience as Consultant	1	
	Interest in Working With:	1	Note D
16	Expert Witness Experience	Not published	
17	Impact Statement Experience	Not published	
	NEPA Experience	Not published	
18	EIS Type of Experience	Not published	
19	Interest in Impact Assessment	Not published	
	Experience in Impact Assessment	1, 4	
19A	Secondary Impacts	Not published	
20	Employer's Consulting Policy	Not published	
21	Pro Bono Consultations	Not published	
22	Availability in 1973	1	
	(Academic year = A		
	Summer = S		

<u>Question Number</u>	<u>Title/Subject</u>	<u>Appears in Director Table(s):</u>	<u>Notes</u>
23	Leadership Role	Not published	
24	Geographic Experience	1, 5	
25	Research Areas	1	Note E
26	Language Proficiency	Not published	
Resume Supplied?		Not published	

NOTES:

(A) Respondent could choose as many fields as he or she desired. Table 1 reproduces these together with respondent's assessment by the following code:

- 1 = highest general competence
- 2 = special ability
- 3 = general knowledge

If respondent listed sixteen or more fields, they were not listed in Table 1.

In Table 5, fields are only indexed for which respondent ranked himself with code "1", highest general competence.

- (B) Exact phrasing from questionnaire is shown in Table 1; key word permutation of phrases is shown in Table 3.
- (C) As in Note A (above), respondent could select any number of topics and give a self-assessment using the same code. Table 2, only lists those topics for which the respondent ranked himself with highest general competence.
- (D) The directory contains only individuals checking boxes 208 and 995, indicating interest in working with the Corps of Engineers.
- (E) Respondents were asked to note those geographic areas in which they have the most research experience. Such regions show the code letter "M" in Table 1.

If the individual, in responding to Question 15, placed a check mark in boxes 208 or 995, indicating an interest in working with the Corps of Engineers or all Federal government agencies, he/she would be included in the publication. If the individual expressed an interest in working with other groups, and not the Corps of Engineers, or if there was no expression of interest at all, he/she would not be included in the publication.

4) Publication of Nine Regional Volumes: Refined estimates of overall directory size showed that the number of pages required to publish the 4,000 directory entries would be too many for inclusion in a single volume. It was decided, therefore, to proceed with the publication of nine regional volumes, roughly congruent with the division offices of the Corps of Engineers. In order to increase the usefulness of the regional directories, considerable overlap was provided between regions so that an individual would be listed in more than one regional volume. This overlapping regional design makes it easy for all directory users to have the geographically nearest resource persons available in one volume.

Availability of Supplementary Data

The survey material published in this directory represents only about 50 percent of that contained in TIE's data files (see Figure 2). At the present time the total data in the questionnaires is available in two forms:

- 1) In the original survey forms at TIE's Washington, D. C. office;
- 2) On computer tapes at the EISO offices at Oak Ridge National laboratory.

There are three procedures for obtaining further information about the survey's respondents in addition to use of the directory:

- 1) Original survey forms may be reviewed through scanning or manual searches.
- 2) Resumes for about half of the respondents are available, which provide extensive additional information about publications, educational and work experience.
- 3) Total contents of the EDP data files at EISO's offices in Oak Ridge may be queried by a series of sophisticated search programs, in which the user may specify from one to dozens of search variables, individually or in combination. Applications for access to the computer file should be submitted to TIE, which--by terms of its agreement with EISO--will organize groups of searches to relieve EISO of day-to-day responsibility for handling inquiries.

Availability of Respondents

A little over one-half of all survey respondents indicated their specific availability for consultative work by estimating the number of days per month they would be able to work in 1973. A large number of respondents indicated that this question had to be resolved at the specific time that help was requested and would depend upon the type of consultation required. The statements of availability - as the last entry in Table 1 - are therefore regarded as an index of the respondent's availability and not as a commitment of time.

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Dr. C. Grant Ash	William J. Donovan
John B. Bushman	Lyle C. McLaren
Dale A. Crane	Colonel Robert R. Werner

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