

DIRECTORY OF ENVIRONMENTAL LIFE SCIENTISTS

Volume VII

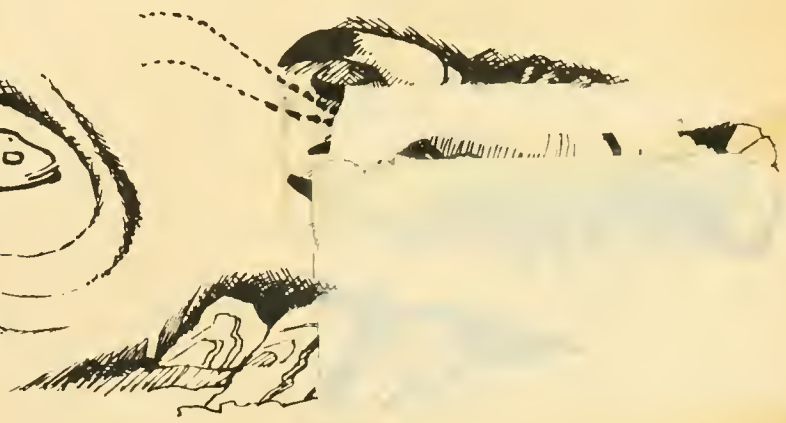
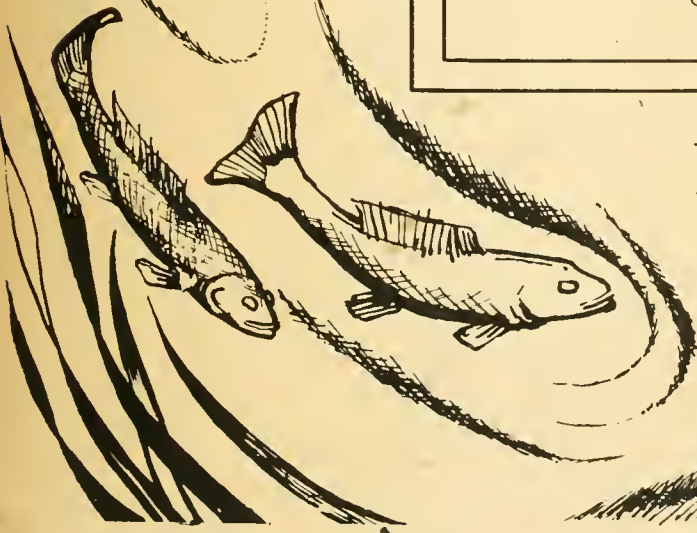
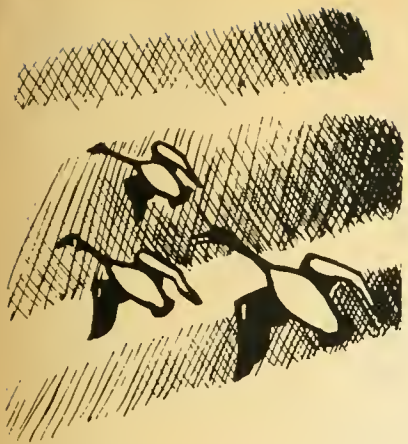
NORTH ATLANTIC REGION

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

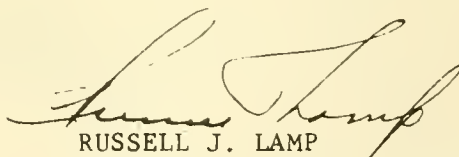
2 September 1974

Planning
DIRECTORY OF ENVIRONMENTAL LIFE SCIENTISTS

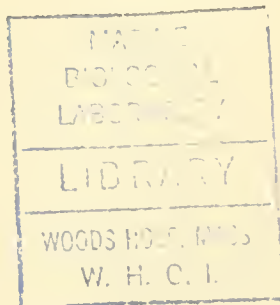
1. Purpose. This pamphlet (9 volumes) provides a Directory of Environmental Life Scientists for engineers, biologists and resource managers.
2. Applicability. This pamphlet applies to all OCE elements and all field operating agencies engaged in environmental studies and activities.
3. General. a. This 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
Colonel, Corps of Engineers
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 CONTENTS

TABLE	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>Employment experience</p> <p>Consulting experience</p> <p>Nature of User group</p> <p>Availability</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>Ecosystem type, either: natural or managed</p> <p>Pollutant</p> <p>Ecosystem process</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>Specific: location project species topic chemical research</p>	<p>Red River, Grand Tetons salmon, sheep, algae planning process baseline data</p> <p>Miami Harbor, Lake Erie</p>
4.	<p>Impact Assessment Experience</p>	<p>Type of environmental impact assessment</p>	<p>Water supply, Energy conversion canals/channels, shoreline protection, highways, airports</p>
5.	<p>Scientific field and Geographic familiarity</p>	<p>Scientific field or past experience in a particular region</p>	<p>Animal ecology, Biochemistry Forestry, Marine Biology Systems Analysis</p> <p>Water resources management</p>

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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 brief 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>
 Aaronson, 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(3); 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

<5>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<5>

Adler, Alan D., 1931, PhD, 1960, Chemistry,
203-438-6591
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 (2355)

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 INBC; United Nations; World Bank;
IUCN; USDA; AEC; COE; DOD; EPA; HUD; USDI;
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 (GENL); Reservoirs/Dams;
Canals/Channels; Water supply; Water quality
control

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(6); North Central(1); Northeast(6,M);
Southeast(3,M)

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

<7>

Ahmad, 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(2,M); Northeast(1,S); 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 C., 1944, MS, 1969, Aquatic Biology,
412-621-3130
Aquatic Ecology Associates; 5100 Centre Ave.;
Pittsburgh, PA 15232, 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(3,M); Northeast(2,M); Middle
Atlantic(2,M)

<9>
Alker, Julius, 1927, PhD, 1967, 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(1); Southeast(7,R)

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

<10>
Allau, J. David, 1945, PhD, 1971,
Zoology/Ecology, 301-454-5410
Zoology Dept.; Univ. of Maryland; College
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(3); 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 cladoceras

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

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

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

EXPERIENCE (AS EMPLOYEE): Agriculture; Utility;
County or city government; Local 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): Not interested in
consultant work at this time

<12>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<12>
Alperin, Richard J., 1941, PhD, 1969, Biology,
215-594-7867
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 cells

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>
Ashrose, John D., 1943, 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 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): DOD

RESEARCH ACTIVITY ONE: Comparative anatomy of the
melanthioidae

RESEARCH ACTIVITY TWO: Systematic studies of
desmodium

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(3); Fishery
Biology(1); Environmental Pollution(2);
Genetics(3); Limnology(3); Marine Biology(2);
Oceanography(2); Physiology(3); Population
Biology(2); Reproductive Biology(3); Water
Resources Management(3); Wildlife
Management(3)

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

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; USDI; NSF

RESEARCH ACTIVITY ONE: Bioassay using daphnia as
test organism

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(26)

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

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, MS, 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.P., I.C.E.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; D.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): USDI

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(M);
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>

Baier, Rodger W., 1930, PhD, 1971, 919-728-2111
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(1); Oceanography(1); System
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
(1162)IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development(2en1)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): 1,3

<26>

Bailey, Sandy E., 1950, BS, 1972, Fisheries,
703-955-4100
Fisheries & Wildlife; Virginia Polytechnic
Institute; Rt. 3 Box 203; Blacksburg, VA
24062, USPRINCIPAL FIELD: Freshwater Fisheries
Management-in North AmericaCOMPETENCE: Aquatic Ecology(3); Biochemistry(3);
Biostatistics(3); Forestry(3); Limnology(2);
Soil Science(3); Systematics(3); Water
Resources Management(2); Wildlife
Management(3)EXPERIENCE (AS EMPLOYEE): Agriculture;
Construction; State government; USDA; USDI

RESEARCH ACTIVITY ONE: Clinch River Survey

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation group; Professional
society; The Institute of Ecology; The Nat'l
Academy of Sciences; United Nations; U.S.
Federal Government; Other Governments (3906)IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

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

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

<27>

Baillie, Richard C., 1928, PhD, 1965, 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(3); Water Resources Management(3)RESEARCH ACTIVITY ONE: Conversion of waste to
fuel gasRESEARCH ACTIVITY TWO: Environmental impact
statement DVC Lig. Bot.INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1949)IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/productionGEOGRAPHIC FAMILIARITY (YEARS): Southwest(6);
North Central(2); South Central(7); Middle-
Atlantic(2)

AVAILABILITY (DAYS PER MONTH): A,4- S,10

<28>

Baker, Alan L., 1939, PhD, 1971, Ecology,
503-862-2040
Botany; University of New Hampshire; Main
St.; Durham, NH 03824, USPRINCIPAL FIELD: Distribution of phytoplankton in
stratified lakesCOMPETENCE: Aquatic Ecology(2); Limnology(2);
Phycology(1); Plant Ecology(3)

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Stratification of
phytoplankton populationsRESEARCH ACTIVITY TWO: Chlorination effect of
photosynthesisINTEREST IN WORKING WITH: Local Government,
Conservation or Scientific Group;
International Organization; U.S. Federal
Government; Other Governments (3039)GEOGRAPHIC FAMILIARITY (YEARS): North
Central(7,M); Northeast(1)

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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<29>

Aker, W. Donald, 1928, MS, 1957, Wildlife Conservation, 919-829-3633
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); Limnology(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 (459)

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; Water shed, forest, range; Reservoir releases; Hydroelectric power; Navigation; Flood control; Water supply; Water quality control; Shoreline protection; Fish & Wildlife conservation

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

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

<30>

Baniecki, John P., 1938, PhD, 1969, Plant Pathology, 304-293-3912
Plant Pathology - Plant Science; West Virginia University; 414 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 (3746)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(3,M); Northeast(4); Middle Atlantic(3,M)

<31>

Banks, 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); Physiology(1)

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

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

RESEARCH ACTIVITY ONE: Determination of emissions 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 (1962)

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>

Banks, 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): USDI

RESEARCH ACTIVITY ONE: Compilation of wildlife imported in US

RESEARCH ACTIVITY TWO: Systematics of endangered species

RESEARCH ACTIVITY THREE: Systematics of tinamous

INTEREST IN WORKING WITH: Local Government; U.S. Federal Government; Other Governments (2043)

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

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(Genl); 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,8; 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 (1417)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Water Resource Development(genl); 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; DOD; 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,?; S,?

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

<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

<43>

Eatra, Suzanne W.T., 1937, PhD, 1964, Entomology,
301-474-0094
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): USDA; Asian

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

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,?

<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: 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

<45>

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)

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.R.O. consultant mosquito
control by fish Africa

RESEARCH ACTIVITY TWO: W.R.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,
304-384-3115
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, PhD, 1960, Biology,
617-285-7722
Department of Biology; Wheaton College;
Norton, MA 02766, 05

PRINCIPAL FIELD: Defects of development -
environmentally induced and inherited

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

EXPERIENCE (AS CONSULTANT): FEW

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, RI 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, DOD; EPA

RESEARCH ACTIVITY ONE: Quantitative methods for
water dual monitor design

RESEARCH ACTIVITY TWO: Navy environmental
protection data base

RESEARCH ACTIVITY THREE: Reaver River modeling
project

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

Transportation; Utility; Local Government;
The Institute of Ecology (TIE); The Nat'l
Academy of Sciences (KRC); United Nations;
World Bank; IUCN; USDA; AEC; NSDC; COE; DOD;
EPA; HEW; MOD; USDI; NSE; 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, PhD, 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 (194)

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, PhD, 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 Mt BN; APO, NY 09026, US

PRINCIPAL FIELD: Range and Wildlife Management

COMPETENCE: Agricultural Science (3); Anatomy (3);
Animal Behavior (3); Animal Ecology (3);
Biostatistics (3); 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 INHC; USDA; USDC; COE; EPA; USDI;
NSP; Other Governments (130)

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

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

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

<55>

Bender, Edward S., 1947, MS, 1971, Zoology,
301-671-2586
Aquatic Ecology Unit; Ecological Research
Section; Biomedical Laboratory; Edgewood
Arsenal, MD 21010, US

PRINCIPAL FIELD: Evaluate Pollution Effects on
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
Redstone Arsenal, AL

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

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group; USDA; CC;
COE; DOD; EPA; USDI; NSP; OST; Other
Governments (4094)

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

GEOGRAPHIC FAMILIARITY (YEARS): Southwest (0.25);
Northeast (0.5); Middle Atlantic (1,A);
Southeast (2,M)

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 Snyaptic
Transmission

COMPETENCE: Anatomy (2); Biophysics (2); marine
Biology (2); Physiology (1)

EXPERIENCE (AS CONSULTANT): Civic action group,
R&W

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 (4)

AVAILABILITY (DAYS PER MONTH): A, 5

<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, 7D3-489-8000
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(1); 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; B 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; NSF

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; NSF

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 (S,M); Southeast (S,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; NSF (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: Raritan 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 (4093)

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>
Boddicker, Major L., 1942, PhD, 1972, Entomology, 605-489-2416
Environmental Education; Chester Area Schools No. 34; Box 84; 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 sharptailed 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
AID; Central American; Canadian; European, eastern; European, western; South American (211)
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides; Water Resource Development (Genl); Watershed, forest, range
GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); Northeast(8,M); Middle Atlantic(12,M)
AVAILABILITY (DAYS PER MONTH): A,2; S,2

<69>
Boesch, Donald F., 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 (3933)
IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Water Resource Development(Genl); Dredging, filling; Coastal protection/jetties; Canals/Channels; Water quality control; Shoreline protection
GEOGRAPHIC FAMILIARITY (YEARS): South Central(1); Middle Atlantic(4,M); Australia(1,M)
AVAILABILITY (DAYS PER MONTH): A,8; S,6

<68>
Boehle, John, Jr., 1932, PhD, 1964, Agronomy, 203-438-6412
Research and Development Department; CIBA-GEIGY 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(3); 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: Herbicides in sod plant crops
INTEREST IN WORKING WITH: Agriculture; Construction; Transportation; Local Government; Conservation or Scientific Group; International Organizations; USDA; AEC; USDC; COE; CC; DOD; EPA; HEW; HUD; USDI; NSF; OST;
Agriculture; Central American; Canadian; European, eastern; European, western; South American (211)
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7); Asia(5); Europe, western(5)

<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 (3232)
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides
GEOGRAPHIC FAMILIARITY (YEARS): Northeast(7); Asia(5); Europe, western(5)

<71>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<71>

Bonqiorno, Salvatore P., 1939, PhD, 1967,
Ecology, 203-255-5411
Dept. of Biology; Fairfield University; North
Benson 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.P.D. 2; Box 357; Keene, NH 03431, US

COMPETENCE: Entomology(3); Taxonomy(2)

RESEARCH ACTIVITY ONE: Biosystematic study of
Veronica Serphyllifolia

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,7; 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; COE; EPA; RUD;

USDI; AID; Canadian

RESEARCH ACTIVITY ONE: Short term effects of
accotthon 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: Radioelements 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; NSP; 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(IE); 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; NSP; 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; OOD

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
Ecology(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: Blasting 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; NSF; 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; Ranover, NR 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

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

<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; REW; 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): 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. Engrn., 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 Government; 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 EMPLOYER): 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; NSF (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 H., 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, 413-5B4-2700
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, ?; 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;
HEW; 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; HEW; USDI;
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.;
O.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 (4B2)

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; USDI; MSP (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, US

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 Merrick 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
INRC; AEC; CC; COE; EPA; HEW; OSDI; MSP

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; OSDI; NSF; 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
(ALPHABETICAL LISTING)

<p><104> Camongis, George, 1930, PhD, 1958, Biology, 617-752-0546 New England Research, Inc.; 100 Grove Street; Worcester, MA 01605, US</p>	<p>Ecology; The Nat'l Academy of Sciences INRC; International Organizations; U.S. Federal Government; Other Governments (384)</p>
<p>PRINCIPAL FIELD: Physiology and Toxicology of Aquatic Animals, Especially Nervous Systems</p>	<p>IMPACT ASSESSMENT EXPERIENCE: Agriculture; Soil erosion; Water Resource Development (Genl); Reservoirs/Dams; Levees/dikes; Watershed, forest, range; Reservoir releases; Flood control; Irrigation; Water supply</p>
<p>COMPETENCE: Anatomy (3); Animal Behavior (2); Animal Ecology (3); Aquatic Ecology (2); Biochemistry (3); Biophysics (2); Fishery Biology (3); Environmental Pollution (2); Limnology (3); Marine Biology (3); Oceanography (3); Pest Control (3); Physiology (1); Water Resources Management (2); Pharmacology & Toxicology (1)</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States (25); Southwest (25,M); Southeast (15); Asia (0.5); Africa (0.5); Mideast (1)</p>
<p>EXPERIENCE (AS CONSULTANT): Construction; Transportation; County or city government; State government; COE; NSP</p>	<p>AVAILABILITY (DAYS PER MONTH): Now working on masters degree 1973 and part 1974</p>
<p>RESEARCH ACTIVITY ONE: Neuropharmacology of pyrethrum</p>	<p><106> Cannon, Robert E., 1946, PhD, 1972, Biological Sciences Dept. of Biology; University of North Carolina; Greensboro, NC 27412, US</p>
<p>RESEARCH ACTIVITY TWO: Water quality studies reservoir systems, Massachusetts</p>	<p>PRINCIPAL FIELD: Microbial Ecology; Algal Virology</p>
<p>RESEARCH ACTIVITY THREE: Water quality studies Riverine systems, Mass.</p>	<p>COMPETENCE: Bacteriology (2); Immunology (1); Microbiology (2)</p>
<p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1239)</p>	<p>RESEARCH ACTIVITY ONE: Lysogeny in blue-green algae</p>
<p>IMPACT ASSESSMENT EXPERIENCE: Highways; Pesticides, herbicides; Water Resource Development (Genl); Reservoirs/Dams; Water supply; Water quality control</p>	<p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1295)</p>
<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (19,M); Middle Atlantic (1)</p>	<p>IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (Genl); Water quality control</p>
<p>AVAILABILITY (DAYS PER MONTH): No Specific Limits</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (4,M) AVAILABILITY (DAYS PER MONTH): A,2; S,4</p>
<p><105> Camp, Wofford B., Jr., 1923, BS, 1947, Agronomy, 203-869-6658 W.F. Camp, Jr., Inc.; 23 Kenilworth Terrace; Greenwich, CT 06830, US</p>	<p><107> Cardenas, Raul P., Jr., 1929, PhD, 1970, Environmental Health Science, 212-584-0700 Civil Engineering; School of Engineering & Science; Bronx, NY 10453, US</p>
<p>PRINCIPAL FIELD: Agribusiness management</p>	<p>PRINCIPAL FIELD: Pollution - Aquatic, Solid Wastes (Composting)</p>
<p>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)</p>	<p>COMPETENCE: Aquatic Ecology (4); Bacteriology (1); Biochemistry (2); Environmental Pollution (1); Limnology (2); Water Pollution (1); Microbiology (1); Water Resources Management (2)</p>
<p>EXPERIENCE (AS EMPLOYEE): Agriculture</p>	<p>EXPERIENCE (AS EMPLOYEE): County or city government; State government; Civic action group; Conservation group; EPA</p>
<p>EXPERIENCE (AS CONSULTANT): Agriculture; USDA</p>	<p>RESEARCH ACTIVITY ONE: Consultant - US Attorney's Office, So. Dist. New York</p>
<p>RESEARCH ACTIVITY ONE: The agribusiness council, Inc.</p>	<p>RESEARCH ACTIVITY TWO: Consultant - Ecology, Inc.</p>
<p>INTEREST IN WORKING WITH: Private Sector; Agriculture; Construction; Local Government; Professional society; The Institute of</p>	<p>INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; USDA; AEC; CC; COE; EPA; HEW; OSDI; NSP; OST; Other Governments (3377)</p>
<p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (12,M); Asia (1)</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Southwest (7); Northeast (12,M); Asia (1)</p>
<p>AVAILABILITY (DAYS PER MONTH): A,4; S,20</p>	<p>AVAILABILITY (DAYS PER MONTH): A,4; S,20</p>

<108>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<108>
Cargille, Charles M., 1934, MD, 1961, Medicine,
301-496-5541
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

COMPETENCE: Environmental Pollution(2);
Information Science(2); Population
Science(2); Physiology(2); Reproductive
Biology(1)

EXPERIENCE (AS EMPLOYEE): REW

RESEARCH ACTIVITY ONE: Full time research since
1965 - reproductive biology pituitary fsn
physiology

INTEREST IN WORKING WITH: Private Sector;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; HEW; NSP; 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 (1995)

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,
607-246-3001
308 Roberts Hall; Cornell University; Ithaca
NY 14850, US

PRINCIPAL FIELD: Comparative vertebrate
ethology-all vertebrate classes-esp. mamm.
predatory behavior

COMPETENCE: Anatomy(3); Animal Behavior(1);
Animal Husbandry(2); Biochemistry(3);
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; USDI; NSP; 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>

Carriker, Melbourne R., 1915, PhD, 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; EPA; 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,?

<113>

Cassin, Joseph M., 1928, PhD, 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(3); 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 phyto-bac

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
(1870)

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,B; S,30

<114>

Cassista, A. Jon, 1941, PhD, 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, DS

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(3); 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,
412-938-2281
California State Col.; Biological Science
4209; 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(3); Plant
Ecology(3); Population Biology(3)

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

RESEARCH ACTIVITY ONE: Diatom 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; USDI; NSF; OST; Canadian; European,
eastern; European, western; South American
(1964)

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

GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(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 (3560)

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

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

AVAILABILITY (DAYS PER MONTH): A,0-15; S,0-15

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, 8; 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, 0; S, 0

<120>
Chapple, Elliot D., 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;
USDA; HRW; 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, ?

<121>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<121>

Chase, Craig C., 1933, PhD, 1969. Outdoor Education, 412-794-7503
Environmental Education; Slippery Rock State College; Slippery Rock, PA 16057, US

PRINCIPAL FIELD: Human relationships with environment

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

EXPERIENCE (AS EMPLOYER): Agriculture; 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); COE; HEW; NSF

RESEARCH ACTIVITY ONE: Using school environments for teaching experiences

RESEARCH ACTIVITY TWO: Burning to promote prairie plant species

RESEARCH ACTIVITY THREE: Plantings for school sites

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3041)

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

GEOGRAPHIC FAMILIARITY (YEARS): North Central(4); Northeast(25); Middle Atlantic(10)

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

<122>

Chase Joseph, 1912, PhD, 1933, Mathematics, 617-548-1400
Physical Oceanography; Woods Hole Oceanographic Inst.; Water St.; Woods Hole, MA 02543, US

PRINCIPAL FIELD: Meteorology and physical oceanography

COMPETENCE: Meteorology(2); Oceanography(2)

RESEARCH ACTIVITY ONE: Analysis environmental buoy data

RESEARCH ACTIVITY TWO: Analysis lightsip data and weather E. Coast U.S.

RESEARCH ACTIVITY THREE: Air sea interaction

INTEREST IN WORKING WITH: Transportation; Utility; County or city government; State government; Conservation group; United Nations; U.S. Federal Government; African; Central American; Canadian; European, western, South American (2315)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(33); Middle Atlantic(2); Africa(0.5); Atlantic Ocean(4); Europe, western(0)

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

<123>

Cheng, Thomas C., 1930, PhD, 1958, Biology, 215-691-7007
Pathobiology Department; Lehigh University; Bethlehem, PA 18015, US

PRINCIPAL FIELD: Immunity to parasites, shellfish diseases, molluscan biology

COMPETENCE: Anatomy(3); Animal Behavior(2); Animal Ecology(2); Aquatic Ecology(2); Biochemistry(2); Fishery Biology(1); Food Sciences(2); Environmental Pollution(2); Immunology(1); Marine Biology(2); Parasitology(1); Physiology(1); Taxonomy(2)

RESEARCH ACTIVITY ONE: Shellfish diseases

RESEARCH ACTIVITY TWO: Schistosomiasis snail control

RESEARCH ACTIVITY THREE: Parasites of fish

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; USDI; OST; AID; DOT; Asian; African; Central American; Canadian; European, eastern; European, western; South American (850)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Water Resource Development(GENI)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8,M); Middle Atlantic; Southeast(5); Hawaii(7,M)

AVAILABILITY (DAYS PER MONTH): A, 7; S, 14

<124>

Chermside, Herbert B., 1937, BS, 1968, Psychology, 703-924-3761
Environmental Sciences; University of Virginia; Charlottesville, VA 22901, US

PRINCIPAL FIELD: Admin. of research and other programs

COMPETENCE: Animal Behavior(3); Biochemistry(3); Biostatistics(3); Scientific Administration(1)

RESEARCH ACTIVITY ONE: Yeast in closed food cycles

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (473)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(5); Middle Atlantic(0.1)

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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <125>
Cherry, Solomon T. Jr., 1938, BS, 1962, Zoology,
918-793-5549
Weyerhaeuser 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,
203-436-6180
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, 919-755-3141
Crop Science; North Carolina State
University; 1506 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>
Clark, Harold E., 1906, PhD, 1933, Plant
Physiology, 201-247-1766
Plant Physiology Bldg.; Rutgers University;
P.O. 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
Husbandry(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; HEW; 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 NY 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; HUD; 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(35,M); Middle Atlantic(2); Europe, eastern(2)

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

<133>

Clarkson, Roy B., 1925, 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 Acer 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(21,M)

AVAILABILITY (DAYS PER MONTH): A,3; S,9

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

PRINCIPAL FIELD: Ecology of Aquatic Fungi

COMPETENCE: Aquatic Ecology(2); Physiology(3);
 Mycology(1)

RESEARCH ACTIVITY ONE: Activity of water molds in
 a lake

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 U.S. Federal Government (656)

GEOGRAPHIC FAMILIARITY (YEARS): Southeast(11,M)

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

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): Northeast(5);
 Middle Atlantic(5); Alaska(0.25)

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

<135>
 Cliff, Edward P., BA, 1931, Forestry
 U.S. Forest Service; 221 N. Royal;
 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,25; S,25

<136>
 Coggeshall, 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; E St. 1B NW & 19 RD; Washington, DC
 20240, US

PRINCIPAL FIELD: Management waterfowl and waders
 in brackish and fresh water habitats for
 people

COMPETENCE: Animal Ecology(3); Aquatic
 Ecology(3); Entomology(1); Fishery
 Biology(3); Forestry(3); Environmental
 Pollution(3); Estuarine Ecology(2); Res.

<137>
 Cole, Charles F., 1928, PhD, 1957, Ichthyology,
 413-545-2821
 Forestry and Wildlife Management; University
 of Massachusetts; Rolfevorth 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,4; 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, US

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; NSF; 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); Habits 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 H., 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; IDCN; 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 W., 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, US

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; BEDI; 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(2); Middle Atlantic(14)

<145>

Cooper, Elvin 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, US

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)

<p><148> Cooper, William E., Jr., 1945, PhD, 1972, Ecology, 919-755-2282 Biomathematics; North Carolina State University; Raleigh, NC 27607, US</p> <p>PRINCIPAL FIELD: Behavior of vertebrates - particularly social behavior</p> <p>COMPETENCE: Respondent lists 16 or more scientific fields</p> <p>RESEARCH ACTIVITY ONE: Social behavior of American chameleon</p> <p>RESEARCH ACTIVITY TWO: Endocrinology of color change in <i>Crotaphytus</i></p> <p>RESEARCH ACTIVITY THREE: Habenular lesions and gnawing in rats</p> <p>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)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): South Central(5); Middle Atlantic(1); Southeast(1)</p> <p>AVAILABILITY (DAYS PER MONTH): A,30; S,30</p>	<p><151> Coull, Bruce C., 1942, PhD, 1968, Marine Ecology, 617-793-7514 Biology; Clark University; 950 Main St.; Worcester, MA 01610, US</p> <p>PRINCIPAL FIELD: Marine benthic ecology, salt marsh ecosystem, deep sea, particularly marine meiofauna</p> <p>COMPETENCE: Respondent lists 16 or more scientific fields</p> <p>EXPERIENCE (AS CONSULTANT): State government; Professional society; EPA</p> <p>RESEARCH ACTIVITY ONE: Meiofauna energetics salt marsh</p> <p>RESEARCH ACTIVITY TWO: Pollution, Medfauna, north adriatic</p> <p>RESEARCH ACTIVITY THREE: Diversity deep sea meiofauna</p> <p>INTEREST IN WORKING WITH: Construction; Manufacturing; Local government; Conservation or scientific group; International organizations; U.S. federal government; Other governments (941)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2); Middle Atlantic(2); Southeast(2,M); Bermuda(2,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,5; S,15</p>
<p><149> Cooperrider, Allen Y., 1944, MS, 1969, Wildlife Biology, 518-582-4551 Huntington Forest; Suny College of Forestry; Newcomb, NY 12852, US</p> <p>PRINCIPAL FIELD: Biology and Management of Free Living Ungulates</p> <p>COMPETENCE: Wildlife Management(1)</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1263)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain(2); Northeast(3,M)</p>	<p><152> Cowan, Richard S., 1921, PhD, 1952, Botany, 202-381-5954 National Museum Natural History; Smithsonian Institution; Washington, DC 20560, US</p> <p>PRINCIPAL FIELD: Systematic and Evolutionary Biology</p> <p>COMPETENCE: Systematics(2); Systems Analysis(2)</p> <p>EXPERIENCE (AS CONSULTANT): Professional society; The Nat'l Academy of Sciences; NSF</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3750)</p>
<p><150> Coppinger, Raymond P., 1937, PhD, 1968, Biology, 413-542-4676 Natural Science & Math.; Hampshire College; West Street; Amherst, MA 01002, US</p> <p>COMPETENCE: Respondent lists 16 or more scientific fields</p> <p>EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group; Professional society; Caribbean</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (2382)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Airports; Forestry; Parks, recreational facilities; Watershed, forest, range; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8,M); Caribbean(1)</p> <p>AVAILABILITY (DAYS PER MONTH): A,2; S,25</p>	<p>GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(24); Hawaii(2); South America(M)</p>

<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; NSF; OST; DOT; 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 L., 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; NSF

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 - RESPONDENTS
(ALPHABETICAL LISTING)

<160>

Croose, 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 (851)

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.R. 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 1 - RESPONSE IS
(ALPHABETICAL LISTING)

<164>
 Cummings, Edmund G., 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);
 Fishery 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 (3989)

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; NSF; OST; AID; Other
 Governments (1290)

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; USDA;
 AEC; COE; EPA; USDI; NSF; 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. Ruyck Preserve; P.O.
Box 87; Rensselaerville, 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-Blenheim
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; 509 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): COV

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>

Dankkaer, 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>

Dammann, Antoni W., 1932, PhD, 1967, Plant Ecology, 203-486-4319
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), Surficial 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; USDI; NSF; DOT; 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>

Davey, Charles B., 1928, PhD, 1955, Soil Science, 919-755-2892
Forestry Dept.; N.C. State University; Raleigh, NC 27607, US

PRINCIPAL FIELD: Root zone ecology - rhizosphere mycorrhiza plant pathology

COMPETENCE: Agronomy(3); 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; HEW; NSF

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; HEW; NSF; OST; AID; DOT; Other Governments (603)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Pesticides, herbicides; Soil erosion; Water Resource Development (Genl); 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(16,M)

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

<173>

Davis, George M., 1938, PhD, 1965, Zoology, 609-429-4758
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(2); Aquatic Ecology(2); Biochemistry(2); Biostatistics(2); Immunology(1); Limnology(2); Parasitology(1); Systematics(1); Taxonomy(1)

RESEARCH ACTIVITY ONE: Mekong water borne diseases

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; International Organizations; USDA; USDC; COE; DOD; EPA; HEW; HUD; USDI; NSF; OST; AID; DOT; Other Governments (1715)

IMPACT ASSESSMENT EXPERIENCE: Channelization; Dredging, filling; Reservoirs/Dams; Flood control

GEOGRAPHIC FAMILIARITY (YEARS): North Central; Northeast(18); Middle Atlantic(3); Asia(5)

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

<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 (7)

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

<176>

Davis, William Price, 1939, PhD, 1967, Marine
Science-TONIS 276 808
Mediterranean Marine Sorting Center;
Smithsonian Institution-Off Environ Sci-O & 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; COP
RESEARCH ACTIVITY ONE: Sediments of Delmarva
intracoastal 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(8,M)
AVAILABILITY (DAYS PER MONTH): A,4; S,20
- <178>
De Taubenfels, 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,A)
- <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-transpirants
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 (800)
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,
207-563-3146
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
re: 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 (3646)

IMPACT ASSESSMENT EXPERIENCE: Channelization;
Dredging, filling

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

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

<182>

Dean, Walter E., 1939, PhD, 1967, Geology,
315-476-5541
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(3); 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
Onundaga, New York

INTEREST IN WORKING WITH: Mining; AEC; COE; USDI;
NSF (1595)

IMPACT ASSESSMENT EXPERIENCE: Water supply; Water
quality control

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(6);
North Central(1); Northeast(5)

AVAILABILITY (DAYS PER MONTH): A,10; S,20

<183>

Demoncourt, Robert F., 1932, PhD, 1969, Vert.
Zool. Aquat., 717-843-8891
Dept. of Biological Sciences; York College of
Pennsylvania; Country Club Road; York, PA
17404, US

PRINCIPAL FIELD: Aquatic; thermal sewage
construction; fishes macroinvertebrates and
trophic levels

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS CONSULTANT): Utility; Civic action
group; COE

RESEARCH ACTIVITY ONE: Harrisburg flood
protection study

RESEARCH ACTIVITY TWO: Schuylkill River
ecological study

RESEARCH ACTIVITY THREE: Ecological study
Delaware River estuary

INTEREST IN WORKING WITH: Transportation;
Utility; Local Government; Professional
society; The Institute of Ecology (TIE); The
National Academy of Sciences INBC; United
Nations; COE; EPA; FPM; USDI; NSF (3480)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Water Resource Development (genl);
Dredging, filling; Reservoirs/Dams;
Hydroelectric power; Flood control; Fish &
Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
South Central(1); Northeast(10,M); Middle
Atlantic(5,M)

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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><184> Dickson, Kenneth L., 1943, PhD, 1970, Zoology, 703-951-5538 Center Environmental Studies; 1020 Derring Hall; Blacksburg, VA 24061, US</p> <p>PRINCIPAL FIELD: Aquatic biology</p> <p>COMPETENCE: Animal Ecology(3); Aquatic Ecology(1); Fishery Biology(3); Environmental Pollution; Limnology(2); Water Resources Management(3)</p> <p>EXPERIENCE (AS CONSULTANT): Manufacturing; Utility; Local or regional planning group; The Nat'l Academy of Sciences; COE; EPA</p> <p>RESEARCH ACTIVITY ONE: Environmental analyses of three proposed reservoirs</p> <p>RESEARCH ACTIVITY TWO: Biological monitoring</p> <p>RESEARCH ACTIVITY THREE: Biological recovery of Clinch River</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; USDA (3765)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams; Hydroelectric power</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Southwest (2,M); Southeast(5,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,5; S,5</p>	<p><186> Dill, Norman H., 1938, PhD, 1964, Plant Ecology, 302-678-5195 Biology & Natural Resources; Delaware State College; Dover, DE 19901, US</p> <p>PRINCIPAL FIELD: Forest Productivity; Vegetation Management; Plant Geography; Forest Ecology</p> <p>COMPETENCE: Respondent lists 16 or more scientific fields</p> <p>EXPERIENCE (AS EMPLOYEE): Agriculture; State government</p> <p>EXPERIENCE (AS CONSULTANT): County or city government; Local or regional planning group; Conservation group; USDI; NSP; AIO</p> <p>RESEARCH ACTIVITY ONE: Plants - air - noise - microclimate interactions</p> <p>RESEARCH ACTIVITY TWO: Wild shrub cultivation songbird attraction</p> <p>RESEARCH ACTIVITY THREE: Integrated methods pest control & vegetative management</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3942)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(12,M); Asia(0.33)</p> <p>AVAILABILITY (DAYS PER MONTH): A,4; S,10</p>
<p><185> DiCiccio, John, C., 1935, PhD, 1960, Microbial Chem., 215-647-0900 Animal Health Research; Smith Kline & French Labs.; 1600 Paoli Pike; West Chester, PA 19380, US</p> <p>PRINCIPAL FIELD: Tissue residues & toxicology of veterinary products, biochemistry drug metabolism</p> <p>COMPETENCE: Bacteriology(2); Biochemistry(2); Biostatistics(3); Food Sciences(2); Immunology(3); Microbiology(2); Virology(3)</p> <p>EXPERIENCE (AS EMPLOYEE): Agriculture</p> <p>RESEARCH ACTIVITY ONE: Residues of virginiamycin in swine</p> <p>RESEARCH ACTIVITY TWO: Residues of a methane inhibitor in cattle</p> <p>RESEARCH ACTIVITY THREE: Toxicology studies on virginiamycin</p> <p>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 (2441)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Agriculture</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(1)</p>	<p><187> Dillingham, James H., 1938, PhD, 1965, Sanitary Eng., 617-272-7910 Environmental Division; Analytical Systems Corp.; 11 Ray Avenue; Burlington, MA 01803, US</p> <p>PRINCIPAL FIELD: Environmental Engineering Computer Applications & Data Processing</p> <p>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)</p> <p>RESEARCH ACTIVITY ONE: Environmental Division Manager</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments; Australia (3996)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (Genl); Channelization; Dredging, filling; Reservoirs/Dams</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(8); North Central(4,M); Northeast(7,M); Middle Atlantic(8)</p> <p>AVAILABILITY (DAYS PER MONTH): A,10; S,10</p>

<186>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<189>

Diamond, Marie T., 1916, PhD, 1954, Animal
Biology, 202-269-2264
Dept. of Biology; Trinity College;
Washington, DC 20017, US

PRINCIPAL FIELD: Developmental Endocrinology of
Exotherms

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, OS

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>

Omermuth, 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,30; S,30

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,8

<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

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 endosymbionts 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)

<199>
Dyer, Gloria J., 1929, MA, 1956, Biology,
201-543-2907
Assoc. Professor; Fairleigh Dickenson
University; West Passaic Ave.; Rutherford, NJ
07926, US

PRINCIPAL FIELD: Teaching environmental sciences
and ecology of invertebrates

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Environmental Pollution(2);
Limnology(2); Plant Ecology(2); Benthic
Invertebrates(1)

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (4016)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(8);
Middle Atlantic(30)

AVAILABILITY (DAYS PER MONTH): S,30

<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

PRINCIPAL FIELD: Foreign exploration for natural
enemies of introduced insect pests
(biological control)

COMPETENCE: Agricultural Science(3);
Entomology(1); Parasitology(1); Pest
Control(1); Plant Pathology(2)

EXPERIENCE (AS EMPLOYEE): State government; USDA

RESEARCH ACTIVITY ONE: Search for and importation
of parasites of alfalfa weevil from Europe to
USA

RESEARCH ACTIVITY TWO: Search for and importation
of parasites of ovulella melanopus from Europe
to USA

RESEARCH ACTIVITY THREE: Search for parasites of
ovulella melanopus in USSR

INTEREST IN WORKING WITH: Agriculture; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1066)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(10); Europe, western(8,M)

AVAILABILITY (DAYS PER MONTH): A,3

<201>
Edwards, Stephen J., 1948, MS, 1973,
Environmental Engineering, 203-436-0015
Civil Engineering; Institute Water Resources;
Box 10 University Connecticut; Storrs, CT
06268, US

PRINCIPAL FIELD: Phytoplankton Composition and
Diversity Relative to Water Chemistry

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)

RESEARCH ACTIVITY ONE: Research Assistant

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;
NSF; OST; AID; Canadian; European, eastern;
European, western; Australia (261)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Organic wastes

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

<202>
Egler, Frank E., PhD, 1936, Ecology, 203-542-5125
Aton Forest; Norfolk, CT 06058, US

PRINCIPAL FIELD: Vegetation Science and
Vegetation Management

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)

EXPERIENCE (AS EMPLOYEE): USDA

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

RESEARCH ACTIVITY ONE: Owner

RESEARCH ACTIVITY TWO: Technical Advisor

RESEARCH ACTIVITY THREE: Director

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; OOD;
EPA; USDI; NSF; OST; AID; Other Governments
(758)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Pesticides, herbicides; Watershed, forest,
range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Northeast(35,M); Hawaii(1); Central America(2)

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

<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>

Elder, 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; USDA

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;
AEC; COE; EPA; USDI; MSP; OST (1450)

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(D.25)

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

<210>

Evenden, Fred G., 1921, PhD, 1949, Field Biology,
202-363-2435
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(3); 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, 802-802-4571
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; HEW
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; NSF
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;

<214>
Federer, C. Anthony, 1939, PhD, 1964, Soil Science, 603-868-5576
Northeastern Forest Exp. Sta.; Box 640; Durham, NH 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; NSF; 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>

Perrigno, 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>

Peuer, 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: Inhibitor of RNA synthesis

INTEREST IN WORKING WITH: Private Sector; State government; Professional Society; The Nat'l Academy of Sciences INRC; International Organizations; U.S. Federal Government; Central American; Canadian; European, western; South American (705)

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>

Flagg, Lewis N., 1943, BS, 1965, Wildlife Science, 207-289-2291
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 (844)

IMPACT ASSESSMENT EXPERIENCE: Energy conversion/production; Forestry; Highways; Parks, recreational facilities; Pesticides, herbicides; Tailings, spoils disposal; Water Resource Development(GENL); Dredging, filling; Beach nourishment; Reservoirs/Dams; Coastal protection/tetties; Watershed, forest, range; Reservoir releases; Hydroelectric power; Navigation; Flood control; Water supply; Water quality control; Shoreline protection; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4,M); Asia(1)

<221>

Flory, Gerard E., 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 EMPLOYEE): Canadian

EXPERIENCE (AS CONSULTANT): Manufacturing; Utility; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Canadian; South American

RESEARCH ACTIVITY ONE: ANADROMOUS CLupeid Fisheries- Susquehanna River

RESEARCH ACTIVITY TWO: Eutrophication of Bush River

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>

Poley, Donald D., 191B, BS, 1940, Ornithology,
51B-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 (124B)

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>

Poley, Donald D., 191B, BS, 1940, Wildlife,
51B-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-Aid 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 R., 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(?);
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,?; S,?

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTINGS)

<226>
 Foote, 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: Ichthy Assoc. Conowingo Mudv 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; COE; 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, 519-472-6492
 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; Transportation; County or city government; Local or regional planning group; State government; Civic action group; Conservation group; Professional society; USDA; DOD; EPA; RWB; HUD; USDI; DOT
 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 Highway I-88, 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; The Institute of Ecology (TIE); United Nations; USDA; AEC; USDC; CC; COE; DOD; EPA; RWB; HUD; USDI; NSF; OST; AID; DOT; Central American; Canadian; European, western; South American (1709)
 IMPACT ASSESSMENT EXPERIENCE: Agriculture; Airports; Highways; Parks, recreational facilities; Pesticides, herbicides; Channelization; Reservoirs/Dams; Fish & Wildlife conservation; New Cities Act-Cities
 GEOGRAPHIC FAMILIARITY (YEARS): North Central (3,M); Northeast (6); Canada, eastern (1)
 AVAILABILITY (DAYS PER MONTH): A,4; S,4

<228>
 Ford, Robert F., 1929, BS, 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 dynamic
 COMPETENCE: Animal Behavior (3); Animal Ecology (2); Biostatistics (3); Entomology (1); 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 (10,4); 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); Ornithology (3); Plant Ecology (1); Population Biology (2); Systematics (2); Taxonomy (2); Wildlife Management (3)
 INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (3495)
 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,
315-633-9243
Natural Resources; Cornell University; C.U.
Field Station RD#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

<231>

Forsythe, Robert H., 1936, PhD, 1972, Resource
Econ., 603-868-5011
Northern Tier Associates, Inc.; 27 Faculty
Road; Durham, NH 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): USDA; 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 OSA standards

RESEARCH ACTIVITY TWO: Hunting and fishing
expenditure analysis

RESEARCH ACTIVITY THREE: Environ impact -
terrestrial ecol - wastewater disp.

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; AEC; USDOC;
CC; COE; DOD; EPA; HEW; HUD; USDI; NSF; OST;
AID; DOT; Other Governments (1442)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Forestry; 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, western(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; DOD; 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(6);
Central America(3)

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

<233>

Poster, Neal R., 1937, PhD, 1967, Evolutionary
Biology, 215-564-3921
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; AEC; CC;
COE; EPA; USDI; NSF; OST; AID; Other
governments; Asian; African; Central
American; Canadian; European, eastern;
European, western; South American (15)

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 W., 1942, PhD, 1971, Fish Biology, 919-728-4595
NMFS Estuarine Fish Center; NOAA; U.S. Dept. of Commerce; Pivers 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(3); 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 (TIE); 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; Dried Nations; USDC; COE; DSDI; African (1651)
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; USDA; USDC; CC; EPA; HEW; 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>
Francq, 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(10,h); Middle Atlantic(3); Southeast(0.5)
AVAILABILITY (DAYS PER MONTH): A,5+; S,31

<237>
Franz, David E., 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

<238>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<238>

Prascella, Daniel W., 1934, PhD, 1968,
Physiology, 212-969-6000
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(3); Physiology(4); Reproductive
Biology(2)

RESEARCH ACTIVITY ONE: Effect of high
environmental temperature on diabetics

RESEARCH ACTIVITY TWO: Teratological effects of
salicylates

RESEARCH ACTIVITY THREE: Dietary effects on
metabolic response to cold

INTEREST IN WORKING WITH: Agriculture;
Manufacturing; Mining; Transportation;
Utility; Local Government; Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (1757)

GEOGRAPHIC FAMILIARITY (YEARS): Middle
Atlantic(12)

AVAILABILITY (DAYS PER MONTH): A,3; S,20

<239>

Treeland, David B., 1937, BA, 1959, Journalism,
412-265-5653
Information Services; Westinghouse Electric
Corporation; Westinghouse Bldg. 1002;
Pittsburgh, PA 15221, US

PRINCIPAL FIELD: Field ornithology - bird
identification, distribution and ecology

COMPETENCE: Animal Behavior(3); Animal
Ecology(2); Environmental Pollution(3);
Ornithology(4)

EXPERIENCE (AS EMPLOYEE): Manufacturing; DOD

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

INTEREST IN WORKING WITH: Private sector; Local
government; Conservation or scientific group;
International Organizations; U.S. Federal
Government; Other governments (7)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation; Impact on birds

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12,4)

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

<240>

Freudenthal, Hugo D., 1930, PhD, 1959,
Protistology, 516-694-3043
H2M Corp; 500 Broad Hollow Road; Melville, NY
11746

PRINCIPAL FIELD: Estuarine Ecology and Pollution
Control

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

EXPERIENCE (AS EMPLOYEE): Manufacturing

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

RESEARCH ACTIVITY ONE: Surface Water Movements in
New York Harbor

RESEARCH ACTIVITY TWO: Biota of Manhasset Bay

RESEARCH ACTIVITY THREE: Ground Recharge in
Suffolk County

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government (3069)

IMPACT ASSESSMENT EXPERIENCE: Water Resource
Development (Genl); Water quality control;
Shoreline protection; Waste treatment

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(18,4)

<241>

Friedhoff, Arnold J., 1923, MD, 1947, Medicine,
212-679-3200
Psychiatry; New York University; School of
Medicine; 550 First Ave., New York, NY
10016, US

PRINCIPAL FIELD: Biomedical Research Neurobiology
Neurochem.

COMPETENCE: Animal Behavior(2); Biochemistry(1);
Environmental Pollution(2); Genetics(2);
Population Biology(2)

EXPERIENCE (AS CONSULTANT): Manufacturing; County
or city government; State government;
Professional society; M2W

RESEARCH ACTIVITY ONE: Effect of radiation on
mental function

RESEARCH ACTIVITY TWO: Effect of lead ingestion
on mental function

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
U.S. Federal Government (4059)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Northeast(15,4)

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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<242>
Fuchs, Everett R., 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); Physiology(2); Population Biology(2); Taxonomy(2); Water Resources Management(2); Wildlife Management(1)

EXPERIENCE (AS EMPLOYEE): Construction; State government; COE; 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>
Fuhs, 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(8)

<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; "SD";
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, 1956, 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,
USPS 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,
716-395-2198
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 (1438)

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>

Genborys, Stanley R., 1942, PhD, 1967, Ecology,
703-223-4381
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(3); 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 (1198)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1);
Middle Atlantic(5,M); Southern(2,M); Mexico,
Nic

AVAILABILITY (DAYS PER MONTH): A,2,3,5

<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(IIE); 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/tetties;
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 B., 1935, PhD, 1967, Zoology,
412-531-1995
Biological Sciences Dept.; Point Park
College; 201 Wood Street; Pittsburgh, PA
15222, PA

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; WRO, 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(5,05); 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, 703-951-5674
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; USDI

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, 201-836-6300
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; 281 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; HEW; 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 C., 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)

<261>

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(3);
Environmental Pollution(1); Heratology(1);
Physiology(3)

EXPERIENCE (AS EMPLOYEE): HEW

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>

Golet, 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,
617-326-5500
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 (347)

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; 406
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; COE

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; AEC; 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 Edison

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; COP

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(M)

AVAILABILITY (DAYS PER MONTH): A,6

<267>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<267>

Goodyear, Richard R., 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 (TIE); 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 A. CYANEUS 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(6)

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

<268>

Gorden, Morton, 1933, PhD, 1963, Political
Sciences, 617-888-0101
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

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 (3759)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Airports; Energy conversion/production;
Forestry; Highways; Parks, recreational
facilities; Pesticides, herbicides; Soil
erosion; Tailings, spoils disposal; Water
Resource Development(GEVL); 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, 1968, 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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><270> Gorski, Leon J., 1938, PhD, 1969, Ecology-Evolution, 203-225-7481 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; COE</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 Mall; 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, 1959, 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; COF; DOD; EPA; HEW; USDI; OST; AID; Other Governments (846)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central(2); Middle Atlantic(1B,M); Southeast(5)</p> <p>AVAILABILITY (DAYS PER MONTH): A,4; S,30</p>	<p><273> Graham, Joseph J., 1921, PhD, 1954, Economics-633-2221 U.S. Commerce; National Marine Fisheries Service; West Boothbay 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 (S,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(3); 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>
Greeson, 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(3); 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(6,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: Bioassays 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(6,M); Northeast(3,M); Hawaii(0.5)

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

<281>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <281>
Griffin, John M., 1947, MA, 1972, Biology,
919-629-3986
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(3)
- 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
- <282>
Griffith, Roger B., 1938, MS, 1972, Fisheries
(Limnology), 703-296-9897
Charlottesville Laboratory; D.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>
Griffo, James V., 1928, PhD, 1960, Biology,
201-377-4700
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(3);
Fishery Biology(1); Environmental
Pollution(3); Limnology(2); Marine
Biology(2); Oceanography(3); 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;
TIF; United Nations; USDA; CC; COE; DOD; EPA;
EPA; REW; USDI; NSP; AID; Central American;
Canadian (2046)
- GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(4,M); North Central(2); Northeast(6);
Middle Atlantic(1,M)
- AVAILABILITY (DAYS PER MONTH): A,3; S,0

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<285>

Grzybowski, Joseph A., 1948, MS, 1973, Biology,
716-372-0300
Biology Department; St. Bonaventure
University; St. Bonaventure, NY 14778, US

PRINCIPAL FIELD: Ornithology at the Organismic
Level, Ecology, Behavior, Population Dynamics

COMPETENCE: Respondent lists 16 or more
scientific fields

EXPERIENCE (AS EMPLOYEE): State government

RESEARCH ACTIVITY ONE: Nest site selection in
wild turkeys

RESEARCH ACTIVITY TWO: Allegheny River Project

RESEARCH ACTIVITY THREE: Wild turkey pre-season
banding

INTEREST IN WORKING WITH: Local Government;
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; COE; EPA; USDI; NSF; Canadian
(2357)

IMPACT ASSESSMENT EXPERIENCE: Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3, H)

<286>

Cucinski, Hermann, 1940, BA, 1964, Physics,
301-607-7100
Ocean Engineering Techn. Dp., 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 (TIE); The Nat'l Academy
of Sciences; International Organizations;
United Nations; USDA; USDC; CC; COE; RSW;
NSF; OST; Other Governments (3751)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (1);
Middle Atlantic (7)

<287>

Gurtz, Martin P., 1948, MSPH, 1972, Environmental
Biology, 919-966-1171
Environmental Science Engineering; University
of North Carolina; U.S. Army Environmental
Hygiene Agcy.; 1928 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);
Entomology (2); Environmental Pollution (1);
Limnology (1); Water Resources Management (3)

EXPERIENCE (AS CONSULTANT): Utility

RESEARCH ACTIVITY ONE: Effect of thermal
discharge on algal productivity

INTEREST IN WORKING WITH: Utility; State
government; AEC; COE; EPA; NSF; OST (4012)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Reservoirs/Dams

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (3, H)

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

<288>

Guttay, A.J.R., 1924, PhD, 1959, Soil Science,
203-586-2924
Plant Science Dept.; University of
Connecticut; Storrs, CT 06268, US

PRINCIPAL FIELD: Soil systems-Plant root
interactions, soil organic matter, mycorrhizae

COMPETENCE: Agronomy (1); Forestry (2);
Horticulture (2); Microbiology (2); Plant
Ecology (2); Physiology (1); Soil Science (1);
Wildlife Management (3)

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

EXPERIENCE (AS CONSULTANT): USDA

INTEREST IN WORKING WITH: Conservation or
Scientific Group; International
Organizations; U.S. Federal Government; Other
Governments (3422)

GEOGRAPHIC FAMILIARITY (YEARS): South
Central (12, H); Northeast (12)

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

<289>

Raase, Bruce L., 1938, PhD, 1969, Zoology,
717-421-4080
Retp.; East Stroudsburg State College; East
Stroudsburg, PA 18201, US

PRINCIPAL FIELD: Ecology of fishes; ecology of
marine and freshwater plankton

COMPETENCE: Aquatic Ecology (1); Fishery
Biology (1); Environmental Pollution (1);
Limnology (1); Marine Biology (3);
Ornithology (3); Plant Ecology (3); Water
Resource Management (1)

RESEARCH ACTIVITY ONE: Domestic-industrial
pollution and beneficial insects

RESEARCH ACTIVITY TWO: Trout hatchery vs. owner
of a pond-court case

RESEARCH ACTIVITY THREE: Plot of bluegill and
largemouth bass

INTEREST IN WORKING WITH: Manufacturing; Utility;
County or city government; Civic action
group; Conservation group; Professional
society; TIE; The Nat'l Academy of Sciences
INRC; COE; EPA; NSF; Other Governments;
Canadian; European; Western (2807)

GEOGRAPHIC FAMILIARITY (YEARS): North
Central (2, H); Northeast (4, H)

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

<290>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<290>

Hadley, Wayne F., 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 (2053)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/productionGEOGRAPHIC FAMILIARITY (YEARS): Southwest (7,M);
North Central(2,M); Northeast(2)

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

<291>

Radow, Harlo H., 1945, PhD, 1973, Ecology,
303-247-7433
Dept. Biology Ecology; Port Lewis College;
College Heights; Durango, CT 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(3);
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,M)

AVAILABILITY (DAYS PER MONTH): A,0; S,20

<292>

Haeni, Frank R., 1946, BS, 1970, Biology,
203-442-0391
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(3); Entomology(3);
Forestry(3); Environmental Pollution(3);
Horticulture(3); Ornithology(1);
Parasitology(3); Plant Ecology(3); Population
Biology(3); Systematics(3); Taxonomy(3);
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>

Paines, 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(1); 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 P., 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 EMPLOYEE): 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>

Ramby, 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 (1266)

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 R., 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 (1415)

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 1 RESPONDENTS
(ALPHABETICAL LISTING)

<302>
 Harleman, 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; COF; EPA; NSF

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; NSF; OST; AID; 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 Ecol Habits of Ungulates

COMPETENCE: Animal Ecology(3); Animal Husbandry(3); Biostatistics(1); Forestry(3); Ornithology(3); Plant Ecology(2); Population Biology(3); Wildlife Management(1);

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

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; USDY; NSP; AID; Other Governments (1291)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Soil erosion; Watershed, forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(3); Middle Atlantic(7,M); Southeast(14,M)

AVAILABILITY (DAYS PER MONTH): Up to the discretion of the agency

<304>
 Harper 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 Dep't. 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, US

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/jetties;
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 MONTR): 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, US

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 (3); 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;
NSF

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/jetties; Canals/Channels;
Shoreline protection

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (6)

AVAILABILITY (DAYS PER MONTR): 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
INTEREST IN WORKING WITH: Agriculture; State government; Conservation group; COE (117)
IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Parks, recreational facilities
PRINCIPAL FIELD: Analysis of Synthetic Organic Compounds in the Marine Environment
GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Rocky Mountain(1); South Central(5); Middle Atlantic(10); Alaska(4); Africa(2)
COMPETENCE: Agricultural Science(1); Biochemistry(3); Environmental Pollution(1); Marine Biology(3); Oceanography(2)
AVAILABILITY (DAYS PER MONTH): A,10; S,30
EXPERIENCE (AS EMPLOYEE): Agriculture
<311>
Hastings, Robert W., 1943, PhD, 1972, Marine Biology
Biology Department; Rutgers University; Camden, NJ 08102, US
EXPERIENCE (AS CONSULTANT): Agriculture; The Nat'l Academy of Sciences; WHO; USDA; USDC; COE; EPA; NSF; Iceland
PRINCIPAL FIELD: Ecology of Marine Fishes, Especially Reef Species and Their Attraction to Artificial Reefs
RESEARCH ACTIVITY ONE: Adsorption of chlorinated hydrocarbons from seawater
RESEARCH ACTIVITY TWO: Distribution of chlorinated hydrocarbons in Atlantic Ocean
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 THREE: Metabolism of a herbicide in soybeans
RESEARCH ACTIVITY ONE: Colonization of Artificial Reef by Fishes
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
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
<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)
RESEARCH ACTIVITY ONE: Vegetation of Hog Island, Northampton Co., Virginia
RESEARCH ACTIVITY TWO: Succession on old Fields
EXPERIENCE (AS EMPLOYEE): Agriculture; COE
EXPERIENCE (AS CONSULTANT): State government; Conservation group
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
RESEARCH ACTIVITY ONE: Systems Ecology and Multiple-Use Decision Making
RESEARCH ACTIVITY TWO: Vegetation of Parramore Island, Virginia
RESEARCH ACTIVITY THREE: Vegetation of Parramore Island, Virginia

<313>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<313>

May, 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; U.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; Dredging,
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>

Rayes, Dora K., 1931, PhD, 1961, Biochemistry,
301-344-2474
CBCL, A, EQI; 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
(2098)GEOGRAPHIC FAMILIARITY (YEARS): Rocky
Mountain(4,M); Middle Atlantic(7,M)

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

<316>

Rayes, Dora K., 1931, PhD, 1961, Biochemistry,
301-344-2474
CBCL AEQI 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,8

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>
Hayne, 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,
717-762-4403
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; U.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 G., 1946, BS, 196B, 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; USDI; NSP; 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>

Bennett, 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 (1643)

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;
Uerring 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, US

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(7,M); Canada, western(1); Canada, northern(1)

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

<328>

Reppner, 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 Battered to Cape Cod

RESEARCH ACTIVITY TWO: Avian Flight Formations

INTEREST IN WORKING WITH: private Sector; United Nations; IUCN; USDC; CC; COE; EPA; HEW; USDI; 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, US

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 SE 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; USDC; COE; DOD; HEW; NSF

RESEARCH ACTIVITY ONE: Ecology of Millstone Point, Connecticut area

RESEARCH ACTIVITY TWO: Ecology of New Haven Harbor

RESEARCH ACTIVITY THREE: Histochemistry 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; MSP; Asian; South Pacific (1901)

IMPACT ASSESSMENT EXPERIENCE: Forestry;
 Pesticides, herbicides; Defoliation

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(1); Northeast(3); Middle Atlantic(3);
 Hawaii(4); Asia(1); South Pacific(7)

AVAILABILITY (DAYS PER MONTH): A,4; S,10

<335>
 Hinsh, 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; D.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>
 Robbie, 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>

Rocutt, Charles H., 1944, MS, 1970, Zoology,
703-951-6679
Dept. of Biology; Virginia Polytechnic
Institute & State University; Blacksburg, VA
24061, US

PRINCIPAL FIELD: Greatest competence in: Aquatic
ecology with a strong background in
Ichthyology, aquatic entomology, limnology,
and environmental pollution

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)

EXPERIENCE (AS EMPLOYEE): USDI

EXPERIENCE (AS CONSULTANT): Manufacturing; Utility

RESEARCH ACTIVITY ONE: Instream monitoring
techniques in a large river system

RESEARCH ACTIVITY TWO: Ecological investigation
of the Schuylkill River in the vicinity of
the Limerick Nuclear Generating Station

RESEARCH ACTIVITY THREE: Ecological investigation
of the Schuylkill River in the vicinity of
the Barbadoes & Cromby Steam Electric Stations

INTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1083)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Water Resource
Development (GENL); Reservoirs/Dams;
Hydroelectric power; Water quality control;
Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(4)

AVAILABILITY (DAYS PER MONTH): A,10; S,20

<338>

Rodgson, Harlow J., 1918, PhD, 1955, Crop Br-Bot,
202-447-6096
USDA CSRS Rm 450W; U.S. Department of
Agriculture; Washington, DC 20250, DS

PRINCIPAL FIELD: Plant breeding, research
evaluation and management, general
agricultural production

COMPETENCE: Agronomy(1); Genetics(2); Plant
Ecology(3); Physiology(2); Range Science(2);
Systematics(2); Taxonomy(2)

RESEARCH ACTIVITY ONE: Comprehensive review of
research - plant breeding

RESEARCH ACTIVITY TWO: Agricultural productivity
of subarctic Alaska

RESEARCH ACTIVITY THREE: Task force on spatial
heterogeneity in agriculture

INTEREST IN WORKING WITH: Agriculture; Local or
regional planning group; State government;

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)

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

<339>

Hogan, Terry M., 1946, MS, 1972, Aquatic Biology,
914-737-3081
Ecological Services; Texas Instruments
Incorporated; Box 237; Buchanan, NY 10511, US

PRINCIPAL FIELD: Fresh water and estuarine
invertebrates

COMPETENCE: Animal Ecology(2); Aquatic
Ecology(2); Fishery Biology(3); Environmental
Pollution(2); Limnology(2)

EXPERIENCE (AS EMPLOYEE): State government

EXPERIENCE (AS CONSULTANT): Utility; COE

RESEARCH ACTIVITY ONE: Thermal discharge effects
on Hudson River benthos

RESEARCH ACTIVITY TWO: Environ survey aquatic
invertebrate Embarras River Illinois

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; USDA; ARC; COE;
EPA; NSF; Other Governments (1575)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
Pesticides, herbicides; Reservoirs/Dams

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

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

<340>

Hollingshead, Kenneth R., 1944, BS, 1967,
Biology, 301-545-6700
Naval Oceanographic Office; Code 3331;
Washington, DC 20390, US

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: Environmental conditions
on munition dump sites

RESEARCH ACTIVITY TWO: Trace Element Studies on
Deep Water Plankton

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
United Nations; U.S. Federal Government;
Other Governments (158)

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
USDA Forest Service; SE Forest Exp. Station; 104 Rubbard; 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 (IIE); 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(3); Wildlife Management(2)
- EXPERIENCE (AS CONSULTANT): Conservation group; Professional society; HEW; 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

TABLE RESPONDENTS
(ALPHABETICAL LISTING)

<344>

Howells, David H., 1920, MS, 1955, Environmental Engineering, 919-755-2815
Water Resources Research Inst. of UNC; 124 Kiddick Bldg MCSU; Raleigh, NC 27607, US

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; WRO; USDA; CC; COE; EPA; USDI; NSF; OST; AID; Other Governments (3385)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides; Soil erosion; Tailings, spcils 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, US

PRINCIPAL FIELD: Avian evolution, taxonomy, zoogeography

COMPETENCE: Anatomy(2); Animal Behavior(2); Animal Ecology(2); Entomology(2); Marine Biology(2); Ornithology(1); Paleontology(3); Plant Ecology(3); Systematics(1); Taxonomy(1)

EXPERIENCE (AS CONSULTANT): Utility; Conservation 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. translc

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(5); Northeast(4); Middle Atlantic(7,M)

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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<347>
 Rufford, Terry L., 1935, PhD, 1972, Botany,
 202-676-6989
 Biological Sciences 312; The George
 Washington University; 2029 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 E., 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): USDC

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>
 Rull, 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 H., 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>

Rutnik, 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,4; S,4

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<355>
Hutson, William R., 1948, BA, 1970, Geology,
401-863-3287
Geological Sciences; Brown University;
Providence, RI 02912, US

PRINCIPAL FIELD: Planktonic Foraminiferal Ecology
and Paleoecology

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 & paleoecology
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>
Ishier, 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; HEW; HUD; USDI; NSF; 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 P., 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; HEW; 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;
HEW; HUD; USDI; NSF; DST; 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

COMPETENCE: Anatomy(1); Aquatic Ecology(3)

RESEARCH ACTIVITY ONE: Comparative anatomy of
cetacean 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;
HEW; USDI; NSF; 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-RaytheonRESEARCH 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)

- <363>
James, Richard L., 1935, MS, 1961, Biology,
215-482-7300
Schuylkill Valley Nature Center; 8400 Hagy'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: Linrick 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, ?
- <364>
Jannback, 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; HER
- 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;
HER; 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, 412-458-8384
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; HER;
USDI
- 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 (1.5); Rocky Mountain (11, M);
Southwest (2.5); North Central (16, M); South
Central (1); Middle Atlantic (3);
Southeast (2, M); Alaska (1, M)
- AVAILABILITY (DAYS PER MONTH): A, ?; 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: Patty 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; JDCN; WHO UNESCO;
USDA; CC; COE; HEW- OSDI; 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(18,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; USDA

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,8; 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, 202-386-5134
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; HEW; USDI

EXPERIENCE (AS CONSULTANT): Mining; Utility;
Professional society; EPA; HEW; USDI; NSF;
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; HEW; 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(20)

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 Spp. diapause &
geographic distribution

INTEREST IN WORKING WITH: Agriculture;
Conservation or Scientific Group; U.S.
Federal Government (1833)

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(1);
North Central(25,M); Middle Atlantic(1)

<374>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<374>

Johnson, Andrew L., 1937, MFS, 1968, Ecology,
215-328-7601
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
Rusbandry (2); Aquatic Ecology (3);
Forestry (2); Environmental Pollution (3);
Plant Ecology (1); Population Biology (3); Soil
Science (2); Systematics (3); Taxonomy (3);
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; HPA;
USDI; 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, Harrel 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 Rusbandry (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; COE; DOD; EPA; HEW;
USDI; NSF; OST; AID; DOT; African; Central
American; Canadian; European, western; South
American (4009)

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 F., 1940, PhD, 1969, Zoology,
413-545-5281
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, 8; 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 NT. 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
Rusbandry (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
FRONDOSA

RESEARCH ACTIVITY TWO: Intraspecific variation in
FUCUS VESTICULOSUS

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 R., 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*¹; 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, 914-737-3091
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 (1); 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/jetties;
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; 21R 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(5,M); Europe, western(1)

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

<385>

Keefe, 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,2R

<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; HUD

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 organism

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 R., 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 Lanquair 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)

<393>
Keup, Lowell, P., 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; USDI
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>
Khattat, Fadhill H., 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 Estur. 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 (R, M);
South Pacific (D, 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 (R, M);
South Pacific (D, 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 P-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 PEROMYSCUS MANICULATUS
SUBTERRANEUS: 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
Syabiocladus 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
RM 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 contamination 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 Sciences
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 Micro

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; USDI;
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>

Katscheid, 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 Statment

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>

LaBastille, 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; MSP; 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, DS

PRINCIPAL FIELD: Analytical chemistry

COMPETENCE: Biochemistry(2); Environmental Pollution(3)

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

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

RESEARCH ACTIVITY ONE: Oxidation - reduction or 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, DS

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, DS

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, DS

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; FRW; 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,
914-255-0755
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(U.S.); West Indies(3)

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

<419>

LeDaron, Homer M., 1926, PhD, 1960, Agronomy,
914-694-6789
CIPA-Geigy Corp.; Saw Mill River Road;
Ardsley, 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 (3590)

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 P., 1944, PhD, 1970, 201-932-2B15
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 P;
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(GFWL); 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. Rutaw 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 195
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 U-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; U.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;
U.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, NH 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, Hui 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>

Liguori, 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;
FEW

RESEARCH ACTIVITY ONE: Branacle - Cement Glands -
Attachment Mechanism

RESEARCH ACTIVITY TWO: Ristochemistry - Barnacle
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;
Langwin 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; AID; 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; USDI; 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 E. 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; USDI

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; HEW

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; WHO-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; HEW; MSP

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)
 GEOGRAPHIC 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)
 EXPERIENCE (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; DSDC; CC; COE;
 DOD; EPA; USDI; NSP; 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,
 203-7B7-7421
 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; FEW; 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(31)

<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; USDC; DOD

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,
716-838-0006
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; DDD

EXPERIENCE (AS CONSULTANT): Mining; County or
city government; Local or regional planning
group; State government; Conservation group;
Professional society; COE; DDD; 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(GenI); 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>
Major, 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 newerteans

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; AEC; 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;
NSP; 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 700 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 Bordentown, 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)

<458>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<458>

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; FPA; USDI; South American

RESEARCH ACTIVITY ONE: Aerial Surveillance spill
prevention

RESEARCH ACTIVITY TWO: Appl. of ERTS-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; Rampton 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 USARFOR USAICE PON DIV; Fort Collins, CT
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>

Rason, Robert E., 1934, PhD, 1971, Exp.
Statistics, 919-549-8311
Research Triangle Institute; P.O. Box 12194;
Research Triangle Park, NC 27709, US

PRINCIPAL FIELD: Application of statistical
theory and methodology to ecological problems

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)

EXPERIENCE (AS EMPLOYEE): State government;
Canadian

EXPERIENCE (AS CONSULTANT): COB; EPA; REW; USDI

RESEARCH ACTIVITY ONE: Hibernial distribution of
cottontails in S. Ontario woodlot

RESEARCH ACTIVITY TWO: Florida creel survey
program

RESEARCH ACTIVITY THREE: Nonlinear estimation by
parabolic approximation

INTEREST IN WORKING WITH: Conservation group;
Professional society; The Institute of
Ecology(TIE); United Nations; AEC; COE; EPA;
REW; USDI; RSP; OST; Canadian (496)

IMPACT ASSESSMENT EXPERIENCE: Parks, recreational
facilities; Reservoirs/Dams; Watershed,
forest, range; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southeast (8,M);
Canada, eastern(7,M)

<463>

Nassaro, 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

PRINCIPAL FIELD: Comparative Biochemistry,
Physiology, Pharmacology, Toxicology,
Biochemical Genetics

COMPETENCE: Anatomy(1); Bacteriology(1);
Biochemistry(1); Environmental Pollution(1);
Genetics(1); Immunology(1); Microbiology(1);
Reproductive Biology(1); Systematics(1);
Taxonomy(1)

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

RESEARCH ACTIVITY ONE: Heavy metal

INTEREST IN WORKING WITH: Private Sector; County
or city government; Local or regional
planning group; Conservation or Scientific
Group; Civic action group; Conservation

group; Professional society; The Institute of
Ecology; The Nat'l Academy of Sciences;
International Organizations; U.S. Federal
Government; Other Governments (1282)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(7);
Northeast(4,M); Middle Atlantic(5,M)

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

<464>

Matsumoto, Barton M., 1936, PhD, 1971,
Entomology, 617-997-9321
Biology Dept.; Southeastern Massachusetts
University; North Dartmouth, MA 02747, US

PRINCIPAL FIELD: Biological control of insects
and insect ecology

COMPETENCE: Biostatistics(3); Entomology(1);
Genetics(3); Insect Ecology(2); Population
Biology(3); Biological Control(Insects)(2)

EXPERIENCE (AS EMPLOYEE): Agriculture; State
Government

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)

IMPACT ASSESSMENT EXPERIENCE: Agriculture

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(7,M); Hawaii(4)

<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: General Ecology, Wildlife
Ecology, Ecological Energetics, Wildlife
Physiology

COMPETENCE: Animal Ecology(1); Aquatic
Ecology(3); Biochemistry(3); Forestry(3);
Nutrition(2); Plant Ecology(3);
Physiology(2); Population Biology(3);
Wildlife Management(1)

RESEARCH ACTIVITY ONE: Evaluation of Natural
Foods of White Tailed Deer

RESEARCH ACTIVITY TWO: Investigation of Winter
Deer Yards

RESEARCH ACTIVITY THREE: Energetics of Snowshoe
Rare, 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,5

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 (GENL); 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; BSDC; CC; COE; EPA; HUD; USDI; NSF; OST; AID; DOT; Other Governments (4080)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (Genl); 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>

McRugh, 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 E., 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 Sciences; 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)

<475>
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>
Mellinger, A. Clair, 1942, PhD, 1972,
Ecology-Botany, 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,?; S,All

<478>
Menninger, Florian F. Jr., 1937, PhD, 1965,
Immunol-Micro, 617-752-4601
Immunobiology Dept.; Masor 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>

Menyhart, William R., 1935, ScD, 1964,
Chemistry-Medicinal Chemistry, 703-361-3808
Consultant; Pres. Council on Environmental
Action Group; 9611 Norfolk Str.; Manassas, VA
22110, DS

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 (GENL); Reservoirs/Dams;
Levees/dikes; Canals/Channels; Flood control;
Water quality control; Coatings

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(2);
Middle Atlantic(15,M); Europe, eastern(21)

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, DS

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; HEW

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 E., 1915, 617-548-1400
Woods Hole Oceanographic Institution; Woods
Hole, MA 92543, 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 - Microbiolopollution 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 antiameobic 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;
HEW; 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 EMPLOYEE): 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 H., 1946, MS, 1971,
 Ichthyology, 609-646-8366
 Ichthyological Associates; Box 700 Rd 2
 Westbrook Lane; Absecon, NJ 08201, US
 action group; Conservation group;
 Professional society; USDA; Asian
 RESEARCH ACTIVITY ONE: Editorial Consultant
 RESEARCH ACTIVITY TWO: Environmental Advisor
 PRINCIPAL FIELD: Ichthyology, Fishery Biology,
 Environmental Pollution
 INTEREST IN WORKING WITH: Agriculture; Local
 Government; International Organizations; U.S.
 Federal Government; Other Governments (1144)
 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)
 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
 EXPERIENCE (AS CONSULTANT): Construction; Utility
 GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
 Northeast(4,M); Asia(0.5)
 RESEARCH ACTIVITY ONE: New Jersey marine
 ecological study
 RESEARCH ACTIVITY TWO: Schuylkill River
 ecological study
 AVAILABILITY (DAYS PER MONTH): A,3; S,5
 RESEARCH ACTIVITY THREE: Puffer toxin of
 sphaeroides testudineus
 <489>
 Mitchell, Harold D., 1890, BS, 1912, Chemical
 Engineering, 716-633-8612
 Buffalo Soc. of Natural Science; 238 W. Royal
 Pkwy.; 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(5);
 Northeast(22); Middle Atlantic(53,M);
 Southeast(0.25); Canada, eastern(0.25)
 AVAILABILITY (DAYS PER MONTH): Retired
 <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

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 (3); 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; U.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; HEW; 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, N)

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

<496>

Moore, Johnes K., 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): NSF

EXPERIENCE (AS CONSULTANT): Transportation;
County or city government; State government;
Conservation group; NSFRESEARCH 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 F., 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; NSFRESEARCH 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; AEC;
COE; EPA; USDI; NSF (565)IMPACT ASSESSMENT EXPERIENCE: Water quality
controlGEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (4); 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; COE;
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 (A40)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides

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

<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)

<500>
Moskowitz, Paul D., 1949, M.S., 1973, Marine
Sciences, 516-246-7710
Marine Sciences Research Center; Surge J.
SUNY at Stony Brook; Stonybrook, NY 11790, US

PRINCIPAL FIELD: Marine Environmental Studies

COMPETENCE: Biostatistics(3); Environmental
Pollution(2); Limnology(2); Computer
Analysis; Marine Biology(2); Microbiology(3);
Oceanography(2); Water Resources Management(3)

<503>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<503>

Murphy, Royse 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>

Nadeau, 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 Biota

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>

Ramkoong, 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 Squagassen 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 EMPLOYEE): Construction; State
government; COE; 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; NSF; 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 EMPLOYEE): 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 INEC; United Nations; World Bank;
IUCN; USDA; COE; EPA; USDI; NSF; Other
Governments (469)

IMPACT ASSESSMENT EXPERIENCE: Beach nourishment

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5,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.;
Puffalo, 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: Roadside 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; U.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; D.S. Federal
Government (197)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12)

AVAILABILITY (DAYS PER MONTH): A,20; S,30

<516>
Nickerson, Norton R., 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; DSDI; NSF; Central
American

RESEARCH ACTIVITY ONE: Analysis of Nantucket
Sound Islands Trust bill

RESEARCH ACTIVITY TWO: Entophication 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; D.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>

Wyquist, David, 1938, PhD, 1967, Limnology,
703-522-1827
Head Aquatic Ecology; U.S. EPA; 1901 N. Ft.
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; ATD; 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, Port 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,
412-588-7700
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(3); Microbiology(3);
Parasitology(2); Pest Control(2); Population
Biology(1); Systematics(3); Taxonomy(3);
Wildlife Management(2)

RESEARCH ACTIVITY ONE: Economics 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,M);
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 N.Y., N.J., & PA

PRINCIPAL FIELD: Secondary productivity of estuarine and coastal ecosystems
 RESEARCH ACTIVITY THREE: Fish & Wildlife Chesapeake Bay and tributaries

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)
 INTEREST IN WORKING WITH: Agriculture; Transportation; Utility; Local Government; Conservation or Scientific Group; U.S. Federal Government (3564)

EXPERIENCE (AS CONSULTANT): Agriculture; Transportation; Utility; State government; Conservation group; The Nat'l Academy of Sciences; United Nations; USDA; USDI; NSF; Canadian
 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

RESEARCH ACTIVITY ONE: Ecological stability of North Carolina Barrier Islands
 GEOGRAPHIC FAMILIARITY (YEARS): Northeast(1); Southeast(9,M); SE Asia(1)

RESEARCH ACTIVITY TWO: Secondary productivity of a mangrove swamp
 AVAILABILITY (DAYS PER MONTH): A,8; S,15

RESEARCH ACTIVITY THREE: Comparison of estuarine marshes
 <522>

INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (101)
 Olendorff, 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

IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides; Water Resource Development (GENL); Dredging, filling; Shoreline protection; Fish & Wildlife conservation
 PRINCIPAL FIELD: Avian Ecology & Mammalian and Comparative Physiology Both in Lab and Field

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(2); Southeast(5); Canada, western(1)
 COMPETENCE: Anatomy(2); Animal Behavior(2); Animal Ecology(1); Anthropology(3); Biochemistry(3); Environmental Pollution(3); Genetics(3); Ornithology(1); Physiology(1); Population Biology(2); Reproductive Biology(2); Systematics(3); Systems Analysis(3); Taxonomy(3); Wildlife Management(1)

AVAILABILITY (DAYS PER MONTH): A,5; S,15
 EXPERIENCE (AS CONSULTANT): State government

<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
 RESEARCH ACTIVITY ONE: Growth in three species of hawks

PRINCIPAL FIELD: Evaluating effects of water resource projects on fish and wildlife resources
 RESEARCH ACTIVITY TWO: Impact of raptorial birds on grasslands

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)
 RESEARCH ACTIVITY THREE: Population dynamics of raptors in shortgrass prairie

EXPERIENCE (AS EMPLOYEE): USDI
 INTEREST IN WORKING WITH: Agriculture; Construction; Utility; Local Government; Conservation or Scientific Group; International Organizations; USDA; AEC; USDC; CC; COE; DOD; EPA; USDI; NSF; OST; ATU; African; Canadian; European, western (3527)

EXPERIENCE (AS CONSULTANT): USDA; APC; COE; EPA
 GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); Rocky Mountain(5,M)

RESEARCH ACTIVITY ONE: Alcovy River, Georgia watershed evaluation
 AVAILABILITY (DAYS PER MONTH): A,22; S,22

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 Bradfield 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: FAO 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; NSF; 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>

Omland, Per A., 1945, MS, 1970, Sci. Ed. Sec.,
315-336-0771
Utica Rd. 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; NSF; 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;
Hiffllintown, 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; NSF; 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 B., 1947, MS, 1973, Ecology,
 919-933-2077
 Zoology; Carolina Resource Consultants; 711
 Hillview St.; Carrboro, NC, NS

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; DSDC; 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, DS

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>
 Ozolina, David J., 1940, MS, 1965, Fisheries,
 304-253-8309
 President; D & D Reclamation, Inc.; PO Box
 1004; Beckley, WV 25801, DS

PRINCIPAL FIELD: Pre-planning for total land
 utilization

COMPETENCE: Respondent lists 16 or more
 scientific fields

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

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; NSF

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(8);
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; NSP; 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,0

<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; REW; 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 R., 1925, PhD, 1964, Field
Ecology, 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(7); 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
Fedstone 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; IUCN; AEC; CC; COE; DOD; EPA; REW; 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
haplosporidans

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, 919-756-2892
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,
814-865-1143
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; USDA; CC; COE;
DOD; EPA; HEW; HUD; DSDI; 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 (928)

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 (1993)

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 Wicaragua 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.O., 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 (8,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 F.A., 1943, PhD, 1971, Zoology, 301-671-2586
Terrestrial Ecology Unit; Ecological Research Section; Blomd 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 (4036)

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; OSDI; 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; OSDI; 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; TIF; 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 Sachem 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 (1572)

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 &
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; RFW; 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/tettles; 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; OOD

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, US

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.;
5620 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>

Progulsk, 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; REW; HUD; USDI; NSP; OST; AID; Other Governments (3R94)

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; 305 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 EMPLOYEE): 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; DSDA; 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>
Rho, 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; OSDI

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; D.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,30; 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: RIH 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 E., 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; USDI

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, US

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; REW;
USDI; NSF; 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, US

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; NSF; 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
(PSP-RB); E St.; Washington, DC 20240, US

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; REW; 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, US

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;
Civic action group; Conservation groupRESEARCH ACTIVITY ONE: Nannoplankton - 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; REW; USDI; NSF; 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, Botany,
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; USDI;
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(B,M); Northeast(2)

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

<586>
Ritchie, Jr., Douglas E., 1933, AB, 1955,
Biology-Chemistry, 301-326-42B1
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; USDI

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: Dility; 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, US

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, US

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, Parrel 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, US

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)

<p><592> Rohde, Wayne G., 1946, MS, 1971, Natural Resources, 202-227-2512 Photo Interp. Research Div.; US Army Pngr Topo Labs; Ft. Belvoir, VA 22060, US</p> <p>PRINCIPAL FIELD: Aerial Sensing for Evaluating: Stress in Veg., Land Use, Recreation, and Natural Resources</p> <p>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)</p> <p>EXPERIENCE (AS EMPLOYEE): County or city government; Conservation group; Professional society; COE; DOD</p> <p>RESEARCH ACTIVITY ONE: Remote sensing of stress in plant communities</p> <p>RESEARCH ACTIVITY TWO: Leaf reflectance and response to stress</p> <p>RESEARCH ACTIVITY THREE: Remote sensing of gypsy moth defoliation</p> <p>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; RFD; USDI; NSF; OST; AID; DOT; Central American; Canadian; South American (3748)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Forestry; Parks, recreational facilities; Pesticides, herbicides</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Rocky Mountain (0.5,M); Southwest (0.5,M); North Central (2,M); Northeast (M); Middle Atlantic (2,M); Southeast (M)</p>	<p><594> Roman, Micheal R., 1949, MS, 1973, Oceanography, 203-661-8080 Biological Oceanography; 138 at Convent Ave.; New York, NY 10031, US</p> <p>PRINCIPAL FIELD: The Factors Controlling the Spatial and Temporal Distribution of Zooplankton</p> <p>COMPETENCE: Animal Behavior (3); Animal Ecology (2); Aquatic Ecology (2); Environmental Pollution (2); Marine Biology (1); Oceanography (2)</p> <p>RESEARCH ACTIVITY ONE: The Effect of Malthion on Crayfish Respiration</p> <p>RESEARCH ACTIVITY TWO: Temporal & Spatial Variation of Zoo. in the Hudson Estuary</p> <p>RESEARCH ACTIVITY THREE: Dieldrin Conc. in the Trophic Levels of a Marsh</p> <p>INTEREST IN WORKING WITH: Local Government; Local or regional planning group; State government; Conservation or Scientific Group; International Organizations; U.S. Federal Government (3971)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Pesticides, herbicides</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (2,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,5; S,All</p>
<p><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</p> <p>PRINCIPAL FIELD: Growth, compensatory hypertrophy, development of mammalian kidney</p> <p>COMPETENCE: Anatomy (2); Genetics (2); Histology/Cytology</p> <p>RESEARCH ACTIVITY ONE: Compensatory hypertrophy of rat kidney</p> <p>INTEREST IN WORKING WITH: Agriculture; Local Government; Professional society; The Nat'l Academy of Sciences; U.S. Federal Government; Other Governments (1334)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Southwest (1); Northeast (32)</p> <p>AVAILABILITY (DAYS PER MONTH): A,5; S,24</p>	<p><595> Root, Richard B., 1936, PhD, 1964, Ecology, 607-256-3076 Entomology Dept.; Cornell University; Ithaca, NY 14850, US</p> <p>PRINCIPAL FIELD: Population Dynamics of Insects, Ecology of Crops, Tropical Insect Associations</p> <p>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)</p> <p>EXPERIENCE (AS EMPLOYEE): Rockefeller Foundation</p> <p>EXPERIENCE (AS CONSULTANT): USDI; South American</p> <p>RESEARCH ACTIVITY ONE: Diversity and stability of tropical crop systems</p> <p>RESEARCH ACTIVITY TWO: Influence of vegetation diversity on insects</p> <p>RESEARCH ACTIVITY THREE: Pesticides induced aphid outbreaks</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1507)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Agriculture; Pesticides, herbicides</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States (6,M); Northeast (7,M); South America (1,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,2; S,7</p>

<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(TIF); The
Nat'l Academy of Sciences INRC; USDA; COE;
EPA; HEW; USDI; NSF; 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(7); 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, 202-693-6999
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; OSI (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,7

<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, DS

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, OS

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; RUD; NSP; OST; African
(1506)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(13,M)

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

<606>

Samuel, David E., 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; OSDI; 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 Rorn 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

<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

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, 1970, 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; COE

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;
NSF; 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)

<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): IUCN

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; DOD

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 P., 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(TIE); The Nat'l Academy
of Sciences; U.S. Federal Government;
Canadian (1110)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(5);
Southeast(1); Asia(1)

<614>

Scanlon, Patrick P., 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
Rusbandry(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): USUI

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,S)

<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; IUCN; AEC; COE; EPA; USDI; NSF; 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,7; S,7

<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; 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

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; COE

RESEARCH ACTIVITY ONE: Whitetailed 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; USDA; 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; USDI; NSF; 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, US

PRINCIPAL FIELD: Design and management of
historic house museums & sites

COMPETENCE: Historic Preservation(1)

EXPERIENCE (AS CONSULTANT): Civic action group;
COE

RESEARCH ACTIVITY ONE: Smith Field Plantation
House Restoration & Management

RESEARCH ACTIVITY TWO: Morven Park Historic House
& Carriage Museum

RESEARCH 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;
HUD; USDI; AID; Canadian; European western;
Australia; New Zealand (135)

IMPACT ASSESSMENT EXPERIENCE: Historic
preservation

GEOGRAPHIC 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, US

PRINCIPAL FIELD: Salt marsh ecology with emphasis
on energy flow through UCA Pugnax population

COMPETENCE: 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 plant

RESEARCH ACTIVITY TWO: Energy flow through UCA
Pugnax population

RESEARCH ACTIVITY THREE: Ecological survey
coastal region of Georgia

INTEREST 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,
US

PRINCIPAL FIELD: Transport and Alteration of
Organic Chemicals in Marine Environments

COMPETENCE: Biochemistry(3); Environmental
Pollution(1); Ornithology(1)

RESEARCH ACTIVITY ONE: GC-MS Analysis of PCB, DDT

RESEARCH ACTIVITY TWO: Organics in Boston Harbor
Sediments

INTEREST 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; Upton, 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
Rusbandry; 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): NSF

RESEARCH ACTIVITY ONE: Research assistant JRP
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, 202-3B1-5801
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;
USDT; 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;
COE; 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 B., 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; USDA; 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; USDA; 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 EMPLOYER): State government; USDA

RESEARCH ACTIVITY ONE: Past and present flora and vegetation Rackensack Meadows

RESEARCH ACTIVITY TWO: Vegetation of Houston 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; OSDI; 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., 919-638-3141
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; USOI; Canadian

RESEARCH ACTIVITY ONE: Biological impact of pesticides

RESEARCH ACTIVITY TWO: Puget sound water quality effects

RESEARCH ACTIVITY THREE: Hellingham 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>
 Kroog, Ronald O., 1927, PhD, 1968, Ecology,
 202-343-5687
 US-BSPW-Office of Endangered Species; Matomic
 Bldg. 1717 H 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,5; S,5

EXPERIENCE (AS EMPLOYEE): State government; Civic
 action group; Conservation group;
 Professional society; The Nat'l Academy of
 Sciences IRRC; IUCN; USDA; USDI; African

EXPERIENCE (AS CONSULTANT): State government;
 Civic action group; Conservation group;
 Professional society; The Nat'l Academy of
 Sciences; IUCN; USDA; USDI; African

RESEARCH ACTIVITY ONE: Ecology of caribou

RESEARCH ACTIVITY TWO: Population ecology of the
 zebra in East Africa

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (12)

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

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
 States(10,M); North Central(15); Middle
 Atlantic(2); Hawaii(1); Alaska(15,M);
 Africa(3,M); South Pacific(1)

<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: 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

<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

COMPETENCE: Anatomy; Animal Behavior;
 Reproductive Biology

RESEARCH ACTIVITY ONE: Neurology of olfaction

INTEREST IN WORKING WITH: U.S. Federal Government
 (1915)

IMPACT ASSESSMENT EXPERIENCE: Odorants

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(12);
 Europe, eastern(1)

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

<656>
 Smith, Ben W., 1913, PhD, 1939, Genetics,
 919-755-2287
 Department of Genetics; North Carolina State
 University; Raleigh, NC 27607, 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(3)

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

<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 Cornus

RESEARCH 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
communities

RESEARCH ACTIVITY TWO: Fish sexuality and
phylogeny

RESEARCH 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;
USDA

RESEARCH 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, herbicides

GEOGRAPHIC 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 fields

RESEARCH ACTIVITY ONE: Population ecology of barn
owls

RESEARCH ACTIVITY TWO: Analysis of a lake carp
population

RESEARCH 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; HEW; NSP; European, western
(521)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Tailings, spoils disposal;
Watershed, forest, range; Fish & Wildlife
conservation

GEOGRAPHIC 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 (1828)

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; USOI

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, 203-436-0020
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

PRINCIPAL FIELD: Vertebrate Ecology Evolutionary
Biology and Behavior

COMPETENCE: Animal Behavior(2); Animal
Ecology(1); Ornithology(1); Pest Control(3);
Physiology(3); Population Biology(3);
Reproductive Biology(3); Wildlife
Management(3)

RESEARCH ACTIVITY ONE: Artificial incubation of
sparrow hawk eggs

RESEARCH ACTIVITY TWO: Ecology of African Eagles

RESEARCH ACTIVITY THREE: Comparative feeding
ecology of blackbirds

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1528)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): North Central(2);
Northeast(4,M); Africa(2,M)

AVAILABILITY (DAYS PER MONTH): A,0; S,15

<666>

Snider, Jerry A., 1937, PhD, 1973, Systematics
Department of Botany; Duke University;
Durham, NC 27706, US

PRINCIPAL FIELD: Bryology Lichenology Moss
Cytology Sphagnum Taxonomy & Ecology

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

INTEREST IN WORKING WITH: Agriculture;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (1219)

GEOGRAPHIC FAMILIARITY (YEARS): North Central(1);
Southeast(6)

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

<667>

Snyder, Benjamin W., 1939, PhD, 1970,
Endocrinology, 617-734-3300 Ext. 7385
Lab. Human Reproduction & Reprod. Biol;
Harvard Medical School; 45 Shattuck St.;
Boston, MA 02115, US

PRINCIPAL FIELD: Reproductive endocrinology -
special emphasis on ovulation and
steroidogenesis

COMPETENCE: Biochemistry(3); Genetics(3);
Physiology(1); Population Biology(3);
Reproductive Biology(1)

RESEARCH ACTIVITY ONE: Effect of drugs & hormones
on meiosis & ovulation

INTEREST IN WORKING WITH: Local government;
Conservation or scientific group;
International organizations; U.S. Federal
government; Other governments (1840)

IMPACT ASSESSMENT EXPERIENCE: Forestry; Highways;
Parks, recreational facilities; Pesticides,
herbicides; Fish & Wildlife conservation

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

AVAILABILITY (DAYS PER MONTH): A,1-5; S,20

<668>

Snyder, Darrel E., 1947, MS, 1971, Zoology,
215-788-7010
503 Norwood Ave.; Croydon, PA 19020, US

PRINCIPAL FIELD: The study of freshwater larval
fishes and their identification

COMPETENCE: Animal Behavior(3); Animal
Ecology(3); Aquatic Ecology(3); Fishery
Biology(2); Limnology(3); Taxonomy(2)

RESEARCH ACTIVITY ONE: Long term research on
larval fish

RESEARCH ACTIVITY TWO: Water Chemistry

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; FFW; USDT;
NSP; OST; Canadian (660)

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

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

<669>

Snyder, Donald B., 1935, PhD, 1963, Zoology,
814-734-1671
Biology; Edinboro State College; Normal
Street; Edinboro, PA 16412, US

PRINCIPAL FIELD: Warm-blooded vertebrate,
population ecology and wildlife management

COMPETENCE: Environmental Pollution(1)

EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; DSDI

EXPERIENCE (AS CONSULTANT): Conservation group

INTEREST IN WORKING WITH: Private Sector; Local
Government; Conservation or Scientific Group;
IUCN; U.S. Federal Government (2303)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicides; Fish & Wildlife conservation

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(5,M); Northeast(5,M)

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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<p><670> Snyder, Jonas L., 1932, MS, 1963, Wildlife-264-4544 Regional Planning; Joint Planning Commission; A-B-E Airport; Lehigh Valley, PA 18103, US</p> <p>PRINCIPAL FIELD: Land Use and General Water Resource Planning; Habitat Management for Gamebirds and Farm Game</p> <p>COMPETENCE: Forestry (2); Wildlife Management (1)</p> <p>EXPERIENCE (AS EMPLOYEE): Agriculture; Construction; County or city government; Local or regional planning group; State government; USDA</p> <p>RESEARCH ACTIVITY ONE: Plainfield Township Comprehensive Plan</p> <p>RESEARCH ACTIVITY TWO: Regional Sewer & Water Plan update</p> <p>RESEARCH ACTIVITY THREE: Leaser Lake recreational hunting potential</p> <p>INTEREST IN WORKING WITH: Agriculture; Construction; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (1243)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Highways; Reservoirs/Dams; Water supply; Water quality control; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(1); North Central (1,M); Northeast (15,M); Canada, eastern (2)</p> <p>AVAILABILITY (DAYS PER MONTH): A,0; S,5</p>	<p><672> Sosnow, Allan D., 1942, MS, 1973, Fishery Biology, 516-668-5800 Fishery Oceanography; NY Ocean Science Laboratory; Drawer EE; Montauk, NY 11552, US</p> <p>PRINCIPAL FIELD: Fish Population Zooplankton (Ichthyoplankton)</p> <p>COMPETENCE: Fishery Biology (2); Marine Biology (2); Culturing of Winter Plounders</p> <p>EXPERIENCE (AS EMPLOYEE): Agriculture; Utility; County or city government; Local or regional planning group; State government; Conservation group; Asian; European, western</p> <p>INTEREST IN WORKING WITH: International Organizations; D.S. Federal Government (3130)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic (1,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,30; S,30</p>
<p><671> Songdahl, John H., 1937, PhD, 1970, Zoology, 617-943-1566 Biology Department; Nichols College; Dudley, MA 01570, US</p> <p>PRINCIPAL FIELD: Toxins of marine invertebrates particularly cephalopods and gastropod molluscs</p> <p>COMPETENCE: Anatomy (3); Animal Behavior (3); Animal Ecology (3); Aquatic Ecology (3); Environmental Pollution (3); Marine Biology (2); Oceanography (3); Ornithology (3); Physiology (2)</p> <p>INTEREST IN WORKING WITH: Agriculture; Manufacturing; Local Government; Conservation or Scientific Group; Conservation group; International Organizations; U.S. Federal Government; Other Governments (3554)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5,M); Southeast (2,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,3; S,20</p>	<p><673> Soukup, Michael A., 1944, MS, 1971, 403-253-5136 Dept. of Zoology; University of Massachusetts; Amherst, MA 01002, US</p> <p>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)</p> <p>EXPERIENCE (AS EMPLOYEE): State government; Conservation group</p> <p>RESEARCH ACTIVITY ONE: Silica cycle - New England hardwater lake</p> <p>RESEARCH ACTIVITY TWO: Environmental impact of Rowlesburg Dam on Cheat River</p> <p>RESEARCH ACTIVITY THREE: Population study of freshwater snail VIVIPARUS GEORGIANUS</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; OST; Other Governments (497)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Water Resource Development (GENL); Reservoirs/Dams; Water quality control</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Northeast (5)</p> <p>AVAILABILITY (DAYS PER MONTH): A,8; S,20</p>

<674>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<674>

Southwick, Edward E., 1943, PhD, 1971,
Zoophysiology, 412-434-6320
Biology Department; Duquesne 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 R., 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(TIE); 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 - RESPONDENTS
(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

<678>
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 Piples 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
(ALPHARETICAL 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; IUCN; 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/jetties

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. Amant, 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; IUCN; USDA; COE; HUD; USDI; RSP (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): 7A,2-3; 7S,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, 1966, 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; NSF (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;
13184 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; HEW; 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: Molluscosis 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;
HEW; HUD; 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,10; S,30

<693>

Stephenson, Don W., 1944, MS, 1970, Zoology,
919-828-8211
Environmental Tech. Services; Carolina Power
& Light; 442 Payetteville 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 H., 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 IRRC; International
Organizations; AEC; USDC; CC; COE; DOD; EPA;
RER; USDI; RSP; OST; AID; Other Governments
(2448)
- 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; RSP; 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 EMPLOYER): 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); IUCR; 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,?

<698>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<698>

Stira, Robert J., 1949, BS, 1971, Fishery
Science, 215-323-9304
Schuylkill River Study; Ichthyological
Associates; RD #1, Fricks Lock Road;
Pottstown, PA 19464, US

PRINCIPAL FIELD: Fish food and feeding habits in
rivers

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; COE; EPA; HEW; 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(3)

EXPERIENCE (AS EMPLOYEE): 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 (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,7

<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 16 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(7); 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; COE;
EPA; HEW; 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
W.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 N.C. Fisheries

RESEARCH ACTIVITY THREE: Estuarine inventory

INTEREST IN WORKING WITH: Local Government; Conservation or Scientific Group; USDA; 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: Terate 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; NSP; 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, US

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,
US

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, F., 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; RUD;
USDI; NSF; OST; AID; DOT; Other Governments
(592)

IMPACT ASSESSMENT EXPERIENCE: Forestry 7 Plant
Commun. 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 Wellwood Road; Aston, CT
06231, US

PRINCIPAL FIELD: Estuary Pollution

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

EXPERIENCE (AS EMPLOYEE): 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
Cunnington; 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: Feeder 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,
716-831-420H
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): APC

RESEARCH ACTIVITY ONE: Inhibitors of auxin
transport

INTEREST IN WORKING WITH: Conservation or
Scientific Group; United Nations; U.S.
Federal Government (426)

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 H., 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

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 M., 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

<718>

Taylor, Warren H., 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

<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; NSP;
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(38,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, DS
- 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 MONTH): A,4; S,4
- <726>
Tietjen, John R., 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; EPA (3403)
- GEOGRAPHIC FAMILIARITY (YEARS): Northeast (6,M); Middle Atlantic (M)
- AVAILABILITY (DAYS PER MONTH): A,25; S,20
- <727>
Tiffney, Jr., Wesley N., 1940, PhD, 1972, Plant Ecology, 617-784-5036 Biology Department; University of Massachusetts; 100 Arlington St.; Boston, MA 02116, DS
- 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.; Petl; Israel Medical Center; 10 M.D. Perlman 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; FEV
- 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., 203-443-8463
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(IE); 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-B Ed #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;
USDA; 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 E.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 (3B97)

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 1890 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 (1536)

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 Reterosis

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 H., 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(3); Limnology(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; PAO (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, PhD, 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; NSF

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, PhD, 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(1); 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, PhD, 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; NSP; Asian; Central American (2359)

IMPACT ASSESSMENT EXPERIENCE: Water Resource Development(Genl); 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-B72-8282
American Fisheries Society; 1319 18 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; NSP; 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(2); 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, US

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(4); 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, US

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; Box 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

RESEARCHER ACTIVITY ONE: Sensory Basis of bird
navigation

RESEARCHER ACTIVITY TWO: Elementary Science study

RESEARCHER 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

RESEARCHER ACTIVITY ONE: Division of fishery
research, branch chief

RESEARCHER 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

RESEARCHER ACTIVITY ONE: Domestic effluent in Lake
water supplies

RESEARCHER ACTIVITY TWO: Strip mine runoff in park
water shed

RESEARCHER ACTIVITY THREE: Feeding ecology of fish
in stream

INTEREST IN WORKING WITH: Agriculture;
Construction; Manufacturing; Mining; Utility;
Local government; Civic action group;
Conservation group; TIP; 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, US

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

<752>

Walter, Mark K., 1949, BS, 1971, Animal Science,
607-272-6048
New York State Veterinary College; Cornell
University; Ithaca, NY 14850, US

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; AEC; CC; COE;
DOD; EPA; USDI; NSF; 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)

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 (Genl); 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)

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 Transaission 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 Afganistan

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(11,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; NSP;
USDI; NSP (826)

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, 703-557-9150
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; NSF; 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: Host 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,?

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; COE; DOD; EPA; HEW; USDI;
NSP; 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, 703-36B-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,
#13-545-2353
Plant & Soil Science; Dept. of Soils College
of Pops & 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; RW; 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; NSP; DOT

RESEARCH ACTIVITY ONE: Ecology of homicide and
suicide

RESEARCH ACTIVITY TWO: Environmental Neurobiology

RESEARCH ACTIVITY THREE: Succession 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; SUNY 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 governmentRESEARCH ACTIVITY ONE: Ecology of limnetic
bluegill fryRESEARCH ACTIVITY TWO: Impact of dylox on aquatic
vertebratesRESEARCH ACTIVITY THREE: Movements of dwarf
suckers, homing mechanismsINTEREST 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 conservationGEOGRAPHIC 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 LayerCOMPETENCE: Agronomy(2); Environmental
Pollution(2); Micrometeorology(1); Soil
Science(3)EXPERIENCE (AS EMPLOYEE): Agriculture; State
government; DODRESEARCH 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 (3898)

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
preventionCOMPETENCE: 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
deafnessINTEREST IN WORKING WITH: Local Government;
Conservation or Scientific Group;
International Organizations; U.S. Federal
Government; Other Governments (122)IMPACT ASSESSMENT EXPERIENCE: Pesticides,
herbicidesGEOGRAPHIC 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
ParasitologyCOMPETENCE: 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): NSF

EXPERIENCE (AS CONSULTANT): Local or regional
planning group; State governmentRESEARCH ACTIVITY ONE: Acanthor Membranes in Two
Fish SpeciesINTEREST 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

<776>

Werner, Robert G., 1936, PhD, 1966, Zoology,
315-476-3151
Dept. of Zoology; SUNY 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 governmentRESEARCH ACTIVITY ONE: Ecology of limnetic
bluegill fryRESEARCH ACTIVITY TWO: Impact of dylox on aquatic
vertebratesRESEARCH ACTIVITY THREE: Movements of dwarf
suckers, homing mechanismsINTEREST 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 conservationGEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(5); North Central(3,M); Middle
Atlantic(7,M)

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

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, DS

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; USUI; 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
(335)

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: DUE 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; AEC; COE; EPA;
HEW; USDI (1624)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(17)

AVAILABILITY (DAYS PER MONTH): A,3; S,20

<778>
Wheatley, James R., 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 (1197)

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, Ellsworth 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 CH₄
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; HUD; 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 N., 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

<78B>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<788>

Williams, Bolton S., 1940, PhD, 1970, Marine Ecology Services Group; Texas Instruments Inc.; 18 Cumberland; Fishkill, NY 12524, US

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 P., 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 (4057)

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 (3798)

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,
802-447-7511
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; Other Governments (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, 802-656-2630
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 (269)

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, 1965, 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, 194B,
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; OSDI;
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): NSF

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; NSF (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 GFP 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; REW

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,
202-381-6571
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;
DSDA; 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
26505, 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 EMPLOYER): 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; NSP; 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 EMPLOYER): 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;
NSP; 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 C.1.1.1. ECOSYSTEM MANAGEMENT
(B. RESPONDENTS LOCATION)

AGRICULTURAL

CONNECTICUT

Camp, Wofford B., Jr.
Guttay, A.J.R.
Iukens, Raymond J.
Mason, Alan D.

DISTRICT OF COLUMBIA

Rodgson, Harlow J.
Linduska, Joseph P.
MOORE, Jerry A.
Robinson, Parrel R.

DELAWARE

Connell, Walter A.

MASSACHUSETTS

Harvey, George R.
Progulske, Donald R.
Stuart, Alastair M.
Weeks, Martin E.

MARYLAND

Ratra, Suzanne W.T.
Khattat, Padhill H.
Maas, 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.
Hinich, 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

AIR POLLUTION

CONNECTICUT

Martens, Christopher S.
Mason, Alan D.
Smith, William H.

DISTRICT OF COLUMBIA

Jameson, Robert M.
Moore, Jerry A.
Robinson, Parrel R.
Vade, Richard L.

MASSACHUSETTS

Banks, Oneil M.
Carr, Jerome B.
Craker, Lyle R.

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 G., Jr.
Walker, Charles R.

DELAWARE

Lepple, Frederick K.

MASSACHUSETTS

Ranks, Oneil M.
Beck, Sidney L.
Carpenter, Edward J.
Cassista, A. Jon
Harvey, George R.
Lazell, Jr., James D.

MARYLAND

Morgan, Raymond P.
Wessel, Carl J.

NORTH CAROLINA

Cooper, William E., Jr.
Payne, Don W.
Runter, Arvel H.
Stolseth, Danny E.

NEW JERSEY

Bikales, Norbert M.
Prager, Manfred J.

NEW YORK

Cardenas, Faul 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 B., 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 R.
Pandall, Clifford W.
Westfield, James D.
Zubkoff, Paul L.

WEST VIRGINIA

Rauch, Henry W.

CLOSED ENVIRONMENTS

PENNSYLVANIA

Koesterer, Martin G.

COASTAL

CONNECTICUT

Bongiorno, Salvatore F.
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.
Farleman, Donald R.
Fillman, 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

Fisler, 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 R.
Odum, William P.
Richards, Clarence E.
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

Bongiorno, 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 Heyward

Hughes, Kent H.

Morgan, Raymond P.

Pearson, James G.

Peterson, Charles H.

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 F.

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 F.

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

Liguori, Vincent R.
Lopez, Glenn R.
McHugh, John L.
Stanken, Dennis M.
Tietjen, John W.

PENNSYLVANIA

Cheng, Thomas C.
Hartman, Fred E.
Schuyler, Alfred E.

RHODE ISLAND

Beckers, Jr., Charles V.
Fisler, Ronald
Heppner, Frank R.
Jeffries, Perry
Nixon, Scott W.
Oviatt, Candace A.
Polgar, Tibor T.
Prager, Jan C.
Saila, Saul B.
Sissenwine, Michael P.
Wallace, Jr., Gordon T.

see also below

VIRGINIA

Andrews, Jay D.
Hoesch, Donald F.
Castiglione, Louis J.
Lynch, Maurice P.
Menyhert, William R.
Odum, William E.
Perkins, Frank O.
Richards, Clarence E.
Wass, Marvin L.
Webb, Kenneth L.
Zubkoff, Paul L.

WEST VIRGINIA

Behling, Robert E.

CONNECTICUT

Martens, Christopher S.

DISTRICT OF COLUMBIA

Young, David K.

MASSACHUSETTS

Gordon, Bernard L.
Hillman, Robert E.
Nickerson, Norton H.

MARYLAND

Forster, William O.

NORTH CAROLINA

Hobbie, John E.
Tyus, Harold M.

NEW YORK

Gold, Kenneth

PENNSYLVANIA

Poster, Neal R.
Glaser, Edward, R.

RHODE ISLAND

Cook, David O.
Cox, Geraldine V.
Drvfoos, Robert L.

VIRGINIA

Adams, Donald D.
Birdsong, Ray S.
Marshall, Harold G.
Virstein, Robert W.

COASTAL, MARSHLAND

CONNECTICUT

Bongiorno, 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.

TABLE 2. COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

COASTAL, MARSHLAND	
MASSACHUSETTS	
Nickerson, Norton R.	
Old, Warren T. Jr.	
Ruber, Ernest	
Teal, John M.	
Teal, John M.	
Tiffney, Jr., Wesley N.	Tennore, Kenneth R.
Yentsch, Charles S.	
MARYLAND	
Andrews, Ralph	
Beal, Kenneth L.	
Cutcher, Joseph J.	
Foerster, John W.	
Pearson, 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.	
Kirby-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 F.	
NEW YORK	
Cassin, Joseph M.	
Chailer Jr., Jack D.	
Chamberlain, James L.	
Foley, Donald D.	
Foley, Donald D.	
Freudenthal, Hugo D.	
Iannotti, Eugene L.	
Jamback, 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 E.	
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.	
Meryhert, William R.	
Odum, William E.	
Perkins, Frank O.	
Wass, Marvin L.	
WEST VIRGINIA	
Behling, Robert E.	
COMMUNITY STRUCTURE	
MARYLAND	
Cooper, John E.	
CONSERVATION	
MASSACHUSETTS	
Nickerson, Norton R.	
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
Bubbard, 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 R.

NEW JERSEY
Douglas, Lowell A.

NEW YORK
Bates, David M.
Roddicker, Major L.
Chaplin, Stephen J.
Olson, Gerald, W.
Pough, P. Barvey
Thomas, David E.
Tramontano, John P.

PENNSYLVANIA
Ferner, 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
Ritchie, 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 B.
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.
Prane, David W.
Robbie, John P.
Johnson, Barrel 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.
Erickson, 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 M.

RHODE ISLAND

Nixon, Scott W.
Sissenwine, Michael P.

VIRGINIA

Blem, Charles R.
Hornberger, George M.
Slocumb, John P.
Zubkoff, Paul L.

WEST VIRGINIA

Railie, 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 M.
Plagg, Lewis W.
Gregory, Richard W.
Ring, Paul D.

NORTH CAROLINA

Baker, W. Donald
Birchfield, Larry J.
Purton, Gerald L.
Prame, David W.
Kroger, Richard L.
Mason, Robert E.
Sjolseth, 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.
Remmett, Roland B.
Hutchinson, Brendan P.
Liguori, Vincent R.
Massaro, Edward J.
McRugh, 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 H.

RHODE ISLAND

Dryfoos, Robert L.
Fisler, Ronald
Saila, Saul B.
Sissenwine, Michael P.

VIRGINIA

Andrews, Jay D.
Bailey, Randy E.
Bryson, William T.
Nyquist, David
Odum, William E.
Pierce, Phillip C.
Prosser, Norville S.
Richards, Clarence E.
Schreck, Carl B.

WEST VIRGINIA

Fuchs, Everett R.
Gasper, Donald C.
Jernejcic, Frank A.
Nelson, Charles W.
Ozmina, David J.

FORECASTING

DISTRICT OF COLUMBIA

Kelly, Robert R.
Leighton, Donald R.

MASSACHUSETTS

Adrian, Donald D.
Carr, Jerome P.
Dillingham, James H.

Harleman, Donald R.
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 H., Jr.

WEST VIRGINIA

Haug, 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 H.

DISTRICT OF COLUMBIA

Rushman, John H.
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

Hatra, 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 H.
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 - COMPETENCE 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 E.

WEST VIRGINIA

Kutscheid, Ben B.
Lee, Richard
Moe, Paul G.
Schulz, Arnold P.
Wiantz, Harry V., Jr.

FOREST, DECIDUOUS

CONNECTICUT

Damman, Antoni W.
Smith, William H.

DISTRICT OF COLUMBIA

Evenden, Fred S.
Jenkins, Dale W.
LaBastille, Anne
Little, Elbert L., Jr.
Moore, Jerry A.
Post, Boyd W.

DELAWARE

Dill, Norman B.

MASSACHUSETTS

Coppinger, Raymond P.
Kricher, John C.
Stuart, Alastair M.
Tiffney, Jr., Wesley N.

MARYLAND

Batra, Suzanne W.T.
Brown, Russell G.
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 B.

NEW YORK

Barton, James D., Jr.
Craul, Phillip J.
Dalgleish, Robert C. Cutright, Noel J.
Foley, Donald D.
Forbes, James E.
Gehris, Clarence W.
Geis, James W.
Kessell, Stephen R.
LaRoche, Germain E.
Likens, Gene E.
Peet, Robert K.
Ritchie, Gary A.
Root, Richard H.
Simeone, John B.
Sperling, Jon A.
Stone Jr., Earl L.
Webb, William L.
Willcox, Henry B., III

PENNSYLVANIA

Chase, Craig C.
Ball, Russell J.
Mutnik, Russell J.
Johnson, Andrew L.
Shiner, James W.
Smith, Bruce B. Reed, Larry W.
Snyder, Donald B.
Ward, Wilber W.
Wood, Gene W.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FOREST, DECIDUOUS

VIRGINIA

Blen, Charles R.
Byrne, John M.
Clark, William T.
Cliff, Edward P.
Crawford, Hewlette S.
Damalas, Andinos P.
Dowling, Paul Bruce
Gembovys, Stanley R.
Giles, Robert R., 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 R.
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 R.

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. Coopes, Arthur W.
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 R.
Neumaier, Gerhard J.
Ritchie, Gary A.
Simeone, John R.
Stone Jr., Earl L.
Tate, James
Webb, William L.
Willcox, Henry R., III

PENNSYLVANIA

Butnik, Russell J.
Shiner, James W.
Smith, Bruce B.
Ward, Wilber W.
Wood, Gene W.

RHODE ISLAND

Halvorson, William L.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

FORESTS

VIRGINIA

Cliff, Edward P.
Crawford, Hewlette S.
Giles, Robert R., Jr.
Barlow, Richard F.
Harvill, Alton M.
Hinckley, Alden D.
Hooper, Robert G.
Lemmon, Paul E.
Rohde, Wayne G.
Waters, William E.

WEST VIRGINIA

Clarkson, Roy B.
Kutscheid, Ben B.
Lee, Richard
Schulz, Arnold F.
Swan, Frederick R., Jr.
Wiant, Barry V., Jr.

FRESH WATER SWAMP

NORTH CAROLINA

Tarplee, William R., 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.
Rufford, Terry L.
Jenkins, Dale W.
Keup, Lowell, F.
Moore, Jerry A.
Riley, David P.
Walker, Charles R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Howen, Vaughan T.
Burk, Carl J.
Camongis, 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

Poerster, John W.
Gurtz, Martin E.
Hamilton, Daniel Heyward
Stoneburner, Daniel L.

MAINE

Bourque, Peter H.

NORTH CAROLINA

Baier, Rodger W.
Baker, W. Donald
Bellis, Vincent J.
Birchfield, Larry J.
Cannon, Robert E.
Clausz, John C.
Cooper, William E., Jr.
Robbie, John E.
Johnson, Harrel B.
Lammers, William T.
Mason, Robert E.
Melack, John M.
Pfaender, Frederic K.
Stolseth, Danny E.
Starn, Robert H.
Weiss, Charles N.

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

Barans, 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.
Hemmett, Roland B.
Rutchinson, Brendan P.
Istock, Conrad A.
Jackson, Daniel P.
Judd, John H.
Kaczynski, Victor W.
Likens, Gene E.
Little Jr., Frank J.
Marcus, Bernard A.
Massaro, Edward J.
McKay, Francis E.
Neumaler, Gerhard J.
Paulson, Glenn L.
Schunacher, George J.
Smith, Stephen B.
Werner, Robert G.
Wikstrom, Leonard L.
Williams, Polton S.

PENNSYLVANIA

Alden, Jon C.
Arnold, Dean E.
Bardarik, 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.
Rosinski, Robert J.
Schuyler, Alfred E.
Sherbine, K. Bruce
Walker, William H.

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.
Pierce, Phillip C.
Prosser, Norville S.
Slocomb, John P.
Westfield, James D.
Zubkoff, Paul L.

VERMONT

Jewell, William J.

WEST VIRGINIA

De Costa, John J.
Fuchs, Everett H.
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 F.
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.
Birchfield, Larry J.
Burton, Gerald L.
Cannon, Robert E.
Cooper, William E., Jr.
Howells, David H.
Kroger, Richard L.
Lammers, William T.
Mason, Robert E.
Melack, John M.
Nelson, Paul V.
Sjolseth, Danny E.
Weiss, Charles M.

NEW HAMPSHIRE
Forste, Robert W.
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.
Rehboldt, 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 E.
Sherbine, K. Bruce
Walker, William H.

RHODE ISLAND

Reckers, Jr., Charles V.

VIRGINIA

Bryson, William T.
Cairns, Jr., John
Castiglione, Louis J.
Dickson, Kenneth L.
Griffith, Roger B.
Hocutt, Charles H.
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.
Hoe, 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
Rohde, 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.
Fussey, George A., Jr.
Rutnik, 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

Pehling, 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 E.
Kellogg, Charles W.
Rowe, Gilbert T.
Yentsch, Charles S.
Yentsch, Clarice M.

MARYLAND

Cummings, Edmund G.

NORTH CAROLINA

Johnson, Harrel 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 B.

NEW YORK

Cassin, Joseph M.
Liguori, Vincent R.
Roman, Micheal R.
Tietjen, 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 E.
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
Ruchanan, Hugh

MARINE, GENERAL
CONNECTICUT
Brown, Charles L.
Ruck, John D.
Martens, Christopher S.
Natarajan, K.V.

DISTRICT OF COLUMBIA
Aron, William I.
Davis, William Price
Goodyear, Richard R.
Hayes, Helen L.
Nollingshead, 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.
Morqan, Raymond P.

MAINE
Flagg, Lewis W.

NORTH CAROLINA
Frame, David W.
Kirby-Smith, William W.
Lammers, William T.
Lyman, John
Lynts, George W.
Reagan, Roland E.
Sjolseth, 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, Hugo D.
Gold, Kenneth
Liguori, 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.
Boesch, Donald F.
Castiglione, Louis J.
Lynch, Maurice P.
Marshall, Harold G.
Menyhert, William R.

MARINE, INTERTIDAL
CONNECTICUT
Puck, John D.
Cunningham, Denis
Miner, Dallas D.

DISTRICT OF COLUMBIA
Banta, 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.
	Rillman, 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.
	Beal, Kenneth L.
	Bender, Edward S.
	Peterson, Charles R.
MAINE	
	Jordan, Arthur J.
	Major, Charles W.
	Ring, Paul D.
NORTE CAROLINA	
	Kirby-Smith, William W.
	Lammers, William T.
	Stolseth, Danny E.
	Reagan, Roland E.
NEW HAMPSHIRE	
	Croker, Robert A.
	Hartwell, Allan D.
NEW JERSEY	
	Dyer, Gloria J.
	Ramby, Robert J.
	Litchfield, Carol D.
	McCormick, Jon M.
	Milstein, Charles B.
NEW YORK	
	Cassin, Joseph M.
	Dudzinski, Diane M.
	Freudenthal, Hugo D.
	Liguori, Vincent R.
	Spagnoli, John J.
	Sperling, Jon A.
	Stainken, Dennis M.
	Tietjen, John H.
	Williams, Bolton S.
PENNSYLVANIA	
	Cheng, Thomas C.
	Foster, Neal R.
	Voris, Harold K.
RHODE ISLAND	
	Cook, David O.
	Eisler, Ronald
	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 E.
	Zubkoff, Paul L.
VERMONT	
	Wodehouse, Dora E.
MARINE, OPEN OCEAN	
CONNECTICUT	
	Natarajan, K.V.
DISTRICT OF COLUMBIA	
	Aron, William I.
	Damkaer, David M.
	Goodyear, Richard H.
	Hollingshead, Kenneth R.
	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.
 Pove, Gilbert T.
 Smith, Kenneth L., Jr.
 Teal, John M.
 Yentsch, Charles S.
 Yentsch, Clarice M.

MARYLAND

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.
 Sissenwine, Michael P.

VIRGINIA
 Cliff, Edward P.
 Nowling, Paul Bruce
 Giles, Robert R., 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 E.
Fillman, Robert E.
Kricher, John C.
Lazell, Jr., James D.
Litsky, Warren
Moore, Johnes K.
Howe, Gilbert T.
Spaulding, Willard M., Jr.
Teal, John M.
Tiffney, Jr., Wesley N.

MARYLAND
Poerster, John W.
Khattat, Padmini W.
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.
Zelley, 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.
Ritchie, Donald D.
Ritchie, Gary A.
Spagnoli, John J.

PENNSYLVANIA
Bardarik, Daniel G.
Hayden, Robert P.
Hutnik, Russell J.
Southwick, Edward E.

RHODE ISLAND
Eisler, 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 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

MEASURING ECOSYSTEM STRESS

VERMONT

Horst, G. Foy
Starbuck, George W.

WEST VIRGINIA

Jenkins, Charles P.
Keller, Edward C. Jr.
Kutscheid, Ren B.
Parks, John M.

MICROCOSMS

PENNSYLVANIA

Meyer, Kenneth A.

MICROORGANISMS

PENNSYLVANIA

Koesterer, Martin G.

MOUNTAIN 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, Jinnque
Soukup, Michael A.

MARYLAND

Forster, John W.
Forster, William O.
Stoneburner, Daniel L.

NORTH CAROLINA

Raier, Rodger W.
Ruol, Stanley W.
Davey, Charles B.
Kuenzler, Edward J.
Little, Linda W.
Ralston, Charles W.
Wheeler, Garland L.

NEW JERSEY

Douglas, Lowell A.
Pramer, David

NEW YORK

Ehrlich, Henry L.
Fuhs, G.W.
Gold, Kenneth
Goodland, Robert J.
Iikens, Gene F.
Lopez, Glenn P.
Magorian, Thomas R.
Wikstrom, Leonard L.

PENNSYLVANIA

Hutnik, Russell J.
Johnson, Andrew L.
Meyer, Kenneth A.
Sanchez, James R.
Wood, Gene W.

RHODE ISLAND

Fisler, Ronald
Wright, William B.

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

Ehrlich, Henry L.

PENNSYLVANIA

Hutnik, Russell J.

VIRGINIA

Griffith, Roger B.
Nyquist, David

WEST VIRGINIA

Fehling, Robert E.
Ozmina, David J.
Zimolzak, Chester E.

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.
	Flder, Alfred S.
	Johnson, Harrel B.
NEW HAMPSHIRE	
	Spencer, Larry T.
NEW JERSEY	
	Hastings, Robert W.
NEW YORK	
	Bates, David M.
	Roddicker, Major L.
	Foley, Donald D.
	Istock, Conrad A.
	Kessell, Stephen R.
	Massaro, Edward J.
	Root, Richard R.
	Tate, James
	Werner, Robert G.
PENNSYLVANIA	
	Clark, Richard J.
	Davis, George M.
	Foster, Neal R.
	Hayden, Robert P.
	Henshaw, Robert E.
	Kirkland, Gordon L., Jr.
	Poe, Thomas P.
VIRGINIA	
	Castiglione, Louis J.
	Lenmon, Paul E.
	Schreck, Carl R.
	Wass, Marvin L.
WEST VIRGINIA	
	Jernejcic, Frank A.
NOISE POLLUTION	
MASSACHUSETTS	
	Ranks, Oneil M.
	Carr, Jerome B.
MARYLAND	
	Pinkham, Carlos P.A.
	Welch, Bruce L.
NEW HAMPSHIRE	
	Leonard, Raymond E.
NEW YORK	
	Cutright, Noel J.
	Jackson, Daniel P.
	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)

OTL POLLUTION

MAINE

Major, Charles W.

NORTH CAROLINA

Phillips, Walter E., Jr.

NEW JERSEY

Rikales, 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, F.

Moore, Jerry A.

Slood, Ronald O.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Cole, Charles P.

Coppinger, Raymond P.

Davis, John D.

Drury, William H.

Hecky, Robert E.

Hillman, Robert E.

Kellogg, Charles W.

Moore, Johnes K.

Powe, Gilbert T.

Spaulding, Willard M., Jr.

Tamarin, Robert H.

MARYLAND

Allan, J. David

Andersen, Aven M.

Bav, Ernest C.

Foerster, John W.

Morgan, Raymond P.

Peterson, Charles W.

Schnell, Charles E.

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 W.
	Tyus, Harold M.
NEW HAMPSHIRE	
	Ford, Robert P.
	Forste, Robert H.
	Francg, 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.
	Dalgleish, 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
	Foot, Richard R.
	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.
	Foot, Peter S.
	Ghiselin, Jon R.
	Graybill, Donald L.
	Hall, Russell J.
	Hayden, Robert P.
	Rendrix, 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.
	Rornberger, George M.
	Marshall, Harold G.
	Pierce, Phillip C.
	Richards, Clarence E.
	Slocomb, 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 W.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

PRODUCTIVITY

DISTRICT OF COLUMBIA

Greeson, Phillip E.
Hollingshead, Kenneth R.
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 E., Jr.
Hobbie, John F.
Melack, John M.
Perry, Thomas O.
Ralston, Charles W.
Reagan, Roland F.
Sanders, Douglas C.
Strain, Boyd R.
Woodhouse, William W., Jr.

NEW JERSEY

Ferrigno, Fred
Good, Ralph E.
McCormick, Jon M.
Shanholtzer, Sheryl P.

NEW YORK

Aaronson, Sheldon
Dudzinski, Diane M.
Frgel, Ronald A.
Foley, Donald D.
Puhs, G.W.
Gehris, Clarence W.
Gold, Kenneth
Green, David M.
Hemmett, Roland B.
Jackson, Daniel P.
Kaczynski, Victor W.
Kessell, Stephen R.
Little Jr., Frank J.
Lopez, Glenn R.
Murphy, Royse 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.
Hinish, 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 B.
Hornberger, George M.
Lemmon, Paul E.
Pohde, Wayne G.
Slocomb, 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 P.

VIRGINIA

Conroy, John H.
Gorsline, George W.
Hornberger, George M.

WEST VIRGINIA

Haug, Peter T.

RADIATION POLLUTION

DISTRICT OF COLUMBIA

Wade, Richard L.

MASSACHUSETTS

Fowen, 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.R.

MASSACHUSETTS

Carr, Jerome B.

RECREATIONAL

CONNECTICUT

Haeni, Frank R.
Kelley, Roger W., Jr.

DISTRICT OF COLUMBIA

Moore, Jerry A.

MARYLAND

Wagner, Richard R.

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 M.

WEST VIRGINIA
 Rehling, Robert E.
 Schulz, Arnold F.

RESERVOR

CONNECTICUT
 Porter, Karen J.

DISTRICT OF COLUMBIA
 Greeson, Phillip E.
 Riley, David F.
 Walker, Charles F.

DELAWARE
 Louder, Darrell E.

MASSACHUSETTS
 Camougis, 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
 Burton, Gerald L.
 Johnson, Harrel B. Kroger, Richard L.
 Lammers, William T.
 Starn, Robert H.
 Weiss, Charles M.

NEW JERSEY
 Jones, Walter A.

NEW YORK
 Goodland, Robert J.
 Istock, Conrad A.
 Jackson, Daniel F.
 Neumaier, Gerhard J.
 Schumacher, George J.

PENNSYLVANIA
 Groutage, 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, Everett H.
 Gasper, Donald C.
 Jernejcic, Frank A.
 Kutscheid, Ben B.
 Nelson, Charles W.

NORTH CAROLINA
 Kroger, Richard L.

RIGHT OF WAYS

DELAWARE
 Dill, Norman B.

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 E.
 Rufford, Terry L.
 Keup, Lowell, F.
 Moore, Jerry A.
 Riley, David F.
 Walker, Charles R.

DELAWARE
 Louder, Darrell E.

MASSACHUSETTS
 Camougis, George
 Harleman, Donald F.
 Johnson, James E.
 Litsky, Warren
 Rho, Jinnque
 Soukup, Michael A.

MARYLAND
 Allan, J. David
 Beal, Kenneth L.
 Cutcher, Joseph J.
 Foerster, John W.
 Gurtz, Martin E.
 Mangiafico, Joseph A.

MAINE
 Bourque, Peter M.
 Flagq, Lewis N.

NORTH CAROLINA
 Baker, W. Donald
 Howells, David H.
 Lammers, William T.
 Pfander, Frederic K.
 Stolsseth, 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, Kenneth L.
 Griffith, Roger B.
 Hocutt, Charles H.
 Jenkins, Robert E.
 Nyquist, David
 Prosser, Norville S.
 Slocomb, John P.
 Westfield, James D.

VERMONT
 Jewell, William J.

WEST VIRGINIA
 Fuchs, Everett H.
 Gasper, Donald C.
 Jenkins, Charles R.

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 H.

SAVANNAH
MASSACHUSETTS
Taylor, C. Richard

MARYLAND
Stoneburner, Daniel L.

NEW YORK
Roddicker, Maier L.
Goodland, Robert J.
Poot, 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 M.

MARYLAND
Foerster, John W.
Gurtz, Martin F.
Morgan, Raymond P.
Shearer, Carol A.
Stoneburner, Daniel L.

MATNE
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
Barans, Charles A.
Chailer Jr., Jack D.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

THERMAL POLLUTION

NEW YORK

Prascella, 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 P.
Renshaw, 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

Rushman, John B.
LaBastille, Anne
Little, Elbert L., Jr.
Wilson, Don E.

MASSACHUSETTS

Stuart, Alastair M.

MARYLAND

Batra, Suzanne W.T.
Fhattat, Fadhil H.
Price, Donald L.
Schnell, Charles F.

NORTH CAROLINA

Buol, Stanley W.
Melack, John M.

NEW JERSEY

Milstein, Charles B.

NEW YORK

Goodland, Robert J.
Root, Richard B.

PENNSYLVANIA

Cheng, Thomas C.
Poster, Neal R.
McCoy, Clarence J.

VIRGINIA

Conroy, John R.
Rarvill, Alton M.
Kelly, Mahlon G.

WEST VIRGINIA

Behling, Robert E.
Moe, Paul G.

TUNDRA

DISTRICT OF COLUMBIA

Skoog, Ronald O.

MASSACHUSETTS

Tiffney, Jr., Wesley N.

NORTH CAROLINA

Hobbie, John F.

NEW HAMPSHIRE

Patrick, David K.

NEW JERSEY

Douglas, Lowell A.

NEW YORK

Barash, David P.
Omland, Per A.
Spierling, Jon A.

PENNSYLVANIA

Renshaw, 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
Istock, Conrad A.
Jackson, Daniel P.
Neumaier, Gerhard J.
Olson, Gerald, W.
Paulson, Glenn L.
Savage, Joseph E.

PENNSYLVANIA

Chase, Craig C.
Keefer, 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 F.

MARYLAND

Hershaft, Alex
Stoneburner, Daniel L.

NORTH CAROLINA

Howells, David H.
Johnson, Harrel B.
Kuenzler, Edward J.
Little, Linda W.
Sjolseth, Danny E.

NEW HAMPSHIRE

Spencer, Larry T.

NEW JERSEY

Douglas, Lowell A.

NEW YORK

Freudenthal, Hugo D.
Gehris, Clarence W.
Magorian, Thomas R.
Paulson, Glenn L.
Wikstrom, Leonard L.

PENNSYLVANIA

Browne, Francis X.
Chase, Craig C.
Sanchez, James R.
Stern, Arthur M.

VIRGINIA

Menyhert, William R.
Westfield, James D.

VERMONT

Jewell, William J.

Villamil, Richard J.

WEST VIRGINIA

Bailie, 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

Buck, John D.

Edwards, Stephen J.

Kelley, Roger W., Jr.

Klattenberg, Ronald P.

McGuinness, William V.

Porter, Karen J.

DISTRICT OF COLUMBIA

Davis, William Price

Goodyear, Richard W.

Jenkins, Dale W.

Keup, Lowell, F.

Lanza, Guy R.

Moore, Jerry A.

Riley, David F.

Walker, Charles R.

Wheatley, James R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.

Bowen, Vaughan T.

Camougis, George

Dillingham, James R.

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.

Hershafft, Alex

Khattat, Fadhil R.

Mangiafico, Joseph A.

Stoneburner, Daniel L.

MAINE

Wagner, Richard H.

Bourque, Peter M.

Carr, Jerome B.

Flagg, Lewis W.

NORTH CAROLINA

Alker, Julius

Baier, Rodger W.

Baker, W. Donald

Cooper, William E., Jr.

Fowells, David R.

Lammers, William T.

Little, Linda W.

Melack, John M.

Nelson, Paul V.

Pfaender, Frederic K.

Sjolseth, Danny E.

Starn, Robert H.

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, Raul R., Jr.
Cassin, Joseph M.
Dudzinski, Diane M.
Engel, Ronald A.
Fairchild Robert P.
Foley, Donald D.
Freudenthal, Hugo D.
Fuhs, G.W.
Haires, Terry A.
Hemmett, Roland B.
Istock, Conrad A.
Jackson, Daniel P.
Judd, John H.
Kaczynski, Victor W.
Kessell, Stephen R.
Livens, Gene F.
Little Jr., Frank J.
Macorian, Thomas R.
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.
Frowne, 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 F.
Nickel, Ross
Poscinski, Robert J.
Scherer, Robert C.
Stern, Arthur M.

RHODE ISLAND

Beckers, 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 E.
Menyhert, William R.
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 R.
Jernejcic, 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 B.
 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 F.
 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 H.
 Morgan, Raymond P.

MAINE

Flagg, Lewis N.
 Fing, Paul D.

NORTH CAROLINA

Paier, Rodger W.
 Dooley, James K.
 Frame, David W.
 Howells, David W.
 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

Reckers, Jr., Charles V.
 Cook, David O.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

WATER, MARINE POLLUTION

RHODE ISLAND

Cox, Geraldine V.
 Fidler, Ronald
 Jeffries, Perry
 Prager, Jan C.
 Salla, Saul R.
 Sissenwine, Michael P.
 Wallace, Jr., Gordon T.

VIRGINIA

Adams, Donald D.
 Boesch, Donald F.
 Castiglione, Louis J.
 Lynch, Maurice P.
 Menyhart, William F. Odum, William E.
 Slocumb, John P.
 Virnstein, 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.
 Riley, David F.

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.
 Sjolseth, 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.
 Menyhart, William R.
 Westfield, James D.

VERMONT

Farrar, Richard B.

WEST VIRGINIA

Fuchs, Pverett R.
 Lee, Richard
 Nelson, Charles W.
 Schulz, Arnold F.

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.

Evenden, Fred G.

Grandy, John W., IV

Hay, Keith G.

Jones, Fred L.

LaSastille, Anne

Linduska, Joseph P.

Moore, Jerry A.

Skoog, 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

Banks, Roger L.

Cherry, Solomon T. Jr.

Mason, Robert E.

Monschein, Tom D.

Reagan, Roland E.

Stephenson, Don W.

NEW HAMPSHIRE

Mautz, William W.

Patrick, David K.

Vaillancourt, Josph R.

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. Omland, Per A.

Tate, James

Vandruff, Larry W.

Webb, William L.

Wilkins, Bruce T.

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 R., Jr.

Harlow, Richard F.

Hooper, Robert G.

Taylor, Warren R.

WEST VIRGINIA

Fuchs, Everett H.

Michael, Edwin D.

Nelson, Charles W.

Schulz, Arnold P.

Smith, Robert L.

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TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

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TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

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CTION PLANKTONIC FORAMINIFERAL ECOLOGY AND PALEOECOLOGY		ECOLOGY	355
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ADNA	ESTUARINE BENTHIC	ECOLOGY	EFFECT OF HEATW EFFLUENT ON BENTHIC INF	ECOLOGY	742
POPULATION ECOLOGY AND ECOSYSTEM	ECOLOGY	ECOLOGY	EFFECT OF PREDATION ON POPULATION REGULA	ECOLOGY	131
OIL SPILL AND CLEAN UP	ARCTIC SOILS PERMAFROST TUNDRA	ECOLOGY	ENVIRONMENTAL MANAGEMENT IN COLD REGIONS	ECOLOGY	82
ITY ECOLOGY AND BEHAVIOR OF RED AND GRAY FOXES	WILDLIFE	ECOLOGY	ESPECIALLY ANIMAL BEHAVIOR POPULATION B	ECOLOGY	225
XAS WETLAND PLANT DISTRIBUTION IN TIDEWATER, MD	WETLAND	ECOLOGY	ESPECIALLY IN REFERENCE TO PLANT TAXONOMY	ECOLOGY	650
ES COMPARATIVE FEEDING ECOLOGY OF BLACKBIRDS	VERTEBRATE	ECOLOGY	EVOLUTIONARY BIOLOGY AND BEHAVIOR ARTIFIC	ECOLOGY	66
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DDERS BRAIN STIMULATION IN TOADFISH	SARGASSUM COMMUNITY	ECOLOGY	FAUNAL VARIATION ON PELAGIC SARGASSUM SE	ECOLOGY	219
E IN A TRANSECT, BODEGA BAY, CA.	MARINE BOTANY	ECOLOGY	FOREST VEGETATION MAP SUCCESSION OF ALGA	ECOLOGY	795
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ATION IN A SOUTH DAKOTA LAB.	HAVE EMPHASIZED FRESHWATER	ECOLOGY	IN MANY ASPECTS INCLUDING CHEMISTRY THE	ECOLOGY	71
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UCK LOUISIANA WETLANDS	WATERPOW AND WETLAND	ECOLOGY	LEAD POISONING IN WATERPOW CANVASBACK D	ECOLOGY	17
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O-CLOODED VERTEBRATES LIFE HISTORY OF WHERLES SALMANTIER	ECOLOGY	ECOLOGY	OF A POPULATION OF GREAT PLAINS SKINK P	ECOLOGY	295
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UARINE EPIFAUNA	ECOLOGY	ECOLOGY	OF ALGAE BENTHIC DIATOMS IN ESTUARY EST	ECOLOGY	50
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NE PHYTOPLANKTON OF BERMUDA	NUTRITIONAL REQUIREMENTS AND Y,	ECOLOGY	OF BARN OWLS ANALYSIS OF A LAKE CAPP POP	ECOLOGY	665
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UES IN LIVESTOCK NATIVE RODENTS IN UTAH	LIFE HISTORY AND	ECOLOGY	OF BIRDS AND MAMMALS AND WILDLIFE DISEAS	ECOLOGY	94
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OSPHORUS CYCLING IN NATURAL MARINE AND ESTUARINE SYSTEMS	ECOLOGY	ECOLOGY	OF BLACKBIRDS VERTEBRATE ECOLOGY EVOLUT	ECOLOGY	665
RA IN EAST AFRICA	VERTEBRATE	ECOLOGY	OF BRACKISH PONDS RECEIVING SWAMP DISSE	ECOLOGY	42
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SECTION I

TABLE 4

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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, Padmini H.

Leffel, Robert C.

Pcyner, Martin M.

Price, Donald L.

Stanton, Gary C.

Stoneburner, Daniel L.

Wagner, Richard R.

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.

Bunter, Arvel H.

Johnson, Barrel 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 M.

NEW YORK

Boehle, John, Jr.

Craul, Phillip J.

Cutright, Noel J.

Erickson, James M.

Forbes, James E.

George, Carl J.

Goodland, Robert J.

Hagan, Terry M.

LaRoche, Germain E.

LeBaron, Romer M.

Murphy, Royse P.

Olson, Gerald, W.

Omland, Per A.

Paulson Jr., Donald L.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

AGRICULTURE

NEW YORK

Paulson, Glenn L.
Pimentel, David
Pough, F. Harvey
Powell, Paul E.
Rice, Clifford P.
Root, Richard B.
Savage, Joseph E.
Terry, Orville W.
Wilkstrom, Leonard L.
Willcox, Henry M., III
Wilson, Lee

PENNSYLVANIA

Bollag, Jean-Marc
Chase, Craig C.
Cheng, Thomas C.
DiCuollo, John, C.
Ghiselin, Jon B.
Hall, William E.
Hartman, Fred E.
Hayden, Robert P.
Heiney, Clayton L.
Hinrich, 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 S.
Spaulding, Willard M., Jr.
Yentsch, Charles S.

MARYLAND

Eeender, 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.
Squires, 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 F.
Schueler, Robert L.
Woodard, Donald W.
Young, David K.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Gorden, Morton
Billman, Robert E.
Lazell, Jr., James D.
Nickerson, Norton H.
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 E.
Frame, David W.
Johnson, Harrel B.
Lysan, 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.
 Liguori, 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
 Bcngiorno, 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 R.
 DELAWARE
 Connell, Walter A.
 Louder, Darrell E.
 Taylor, Malcolm H.
 MASSACHUSETTS
 Adrian, Donald D.
 Ccle, Charles P.
 Dcmermuth, Robert E.
 Harleman, Donald R.
 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.
 Khattat, Fadhil 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 B.
 Outen, Ronald B.
 Sjolseth, Danny E.
 Stephenson, Don W.
 Tarplee, William R., 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 R.

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 P.

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

Loudner, Darrell E.

Taylor, Malcolm H.

MASSACHUSETTS

Dillingham, James R.

Harleman, Donald R.

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 H.

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.
Ring, 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.
Ccooper, Arthur W.
Frame, David W.
Haines, Leroy W.
Howells, David H.
Johnson, Harrel B.
Mcnschein, 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 L.
Foley, Donald D.
Porbes, 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.
Brcwne, Francis X.
Davis, George M.
Fuller, Samuel L.H.
Hartman, Fred E.
Hayden, Robert P.
McDaniel, Michael D.
Scherer, Robert C.
Voris, Harold K.

RHODE ISLAND

Busby, 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.
Slocomb, John P.
Tuthill, Bartley E.

WEST VIRGINIA

De Costa, John J.
Fuchs, Everett H.
Gasper, Donald C.
Gcodno, Edward J.
Jernejcic, Frank A.
Kutscheid, Een 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

Loudet, Darrell E.

MASSACHUSETTS

Clarke, George L.

Gorden, Morton

Harleman, Donald P.

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.

Sjolseth, Danny E.

Tyus, Harold M.

NEW HAMPSHIRE

Forste, Robert H.

Hartwell, Allan O.

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

Winckley, Alden O.

DREDGING, FILLING

CONNECTICUT

Bongiorno, Salvatore P.

Brown, 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.

Moore, Jerry A.

Riley, David P.

Schueler, Robert L.

Wade, Richard A.

Wheatley, James R.

Woodard, Donald W.

Young, David K.

DELAWARE

Louder, Darrell E.

Taylor, Malcolm H.

MASSACHUSETTS

Ccle, Charles P.

Dillingham, James H.

Drury, William R.

Gorden, Morton

Harleman, Donald R.

Hillman, Robert E.

Lazell, Jr., James D.

Miller, A. Richard

Mugford, Paul S.

Nickerson, Horton 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 Keyward

Morgan, Raymond P.

Pearson, James G.

Sipple, William S.

Wagner, Richard H.

Ward, Praser P.

Wilson, John S.

MAINE

Anthony, Vaughn C.

Bourque, Peter M.

Dean, David

Plagg, Lewis N.

Graham, Joseph J.

Ring, Paul D.

Schemnitz, Sanford D.

NORTH CAROLINA

Adams, David A.

Baker, W. Donald

Banks, Roger L.

Burton, Gerald L.

Coper, Arthur W.

Davey, Charles B.

DuMond, David M.

Johnson, Harrel B.

Kirby-Smith, William W.

Monschein, Tom D.

Outen, Ronald B.

Sjolseth, Danny E.

Stephenson, Don W.

Tyus, Harold M.

NEW HAMPSHIRE

Forste, Robert H.

Hartwell, Allan D.

NEW JERSEY

Blumeling, Charles III

Ferrigno, Fred

Good, Raiph E.

Hastings, Robert W.

Milstein, Charles P.

NEW YORK

Cassin, Joseph M.

Poley, Donald E.

Poley, Donald D.

Gehris, Clarence W.

Magorian, Thomas B.

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 F.
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 B.
Hartman, Fred E.
Hayden, Robert P.
McDaniel, Michael D.

RHODE ISLAND

Busby, Charles C.
Cook, David O.
Cox, Geraldine V.
Halvorson, William L.
Polgar, Tibor T.
Prager, Jan C.
Saila, Saul B.
Sissenwine, Michael P.

VIRGINIA

Andrews, Jay D.
Birdsong, Ray S.
Boesch, Donald P.
Ccnroy, John H.
Lynch, Maurice P.
Marshall, Harold G.
Odum, William E.
Pierce, Phillip C.
Prosser, Norville S.
Slocomb, John P.
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 F.

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 T.
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.
Cole, Charles P.
Gorden, Morton
Harleman, Donald B.
Hillman, Robert E.
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

Poerster, John W.
 Forster, William G.
 Gurtz, Martin E.
 Hershaft, Alex
 Morgan, Raymond P.
 Pearson, James G.
 Pinkham, Carlos P.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 E.
 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, Merril
 Engel, Ronald A.
 Erickson, James M.
 Goldstein, Bernard D.
 Hadley, Wayne P.
 Hutchinson, Brendan P.
 Jamback, 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

Beckers, Jr., Charles V.
 Busby, Charles C.
 Cook, David O.
 Cox, Geraldine V.
 Eisler, Ronald
 Oviatt, Candace A.
 Prager, Jan C.

VIRGINIA

Baer, Lawrence J.
 Bishop, John W.
 Boesch, Donald F.
 Bryson, William T.
 Cairns, Jr., John
 Conroy, John H.
 Dowling, Paul Bruce
 Hocutt, Charles H.
 Zubkoff, Paul L.

VERMONT

Horst, G. Roy

WEST VIRGINIA

Baillie, Richard C.
 Jenkins, Charles R.
 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.
Londer, Darrell E.

MASSACHUSETTS

Bowen, Vaughan T.
Clarke, George L.
Cole, Charles F.
Coppinger, Raymond P.
Dowermuth, Robert B.
Drury, William H.
Gorden, Morton
Hester, Albert E.
Hillman, 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 P.
Old, Warren T. Jr.
Rizzo, Benedetto
Rowe, Gilbert T.
Satterwhite, Melvin F.
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 E.
 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, Hatrel 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.
 Mautz, 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.
 Zelle, Robert A.

NEW YORK

Barans, Charles A.
 Barash, David P.
 Boddicker, Major L.
 Cahn, Phyllis H.
 Chailer Jr., Jack D.
 Chamberlain, James L.
 Coleates, Richard C.
 Culp, Terry R.
 Cutright, Noel J.
 Dalglish, Robert C.
 Engel, Ronald A.
 Eustance, William F.
 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 R.
 Little Jr., Frank J.
 Massaro, Edward J.
 McHugh, 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, Belton S.
 Wilson, Lee

PENNSYLVANIA

Alden, Jon C.
 Barnett, L. Bruce
 Catalano, Raymond A.
 Chase, Craig C.
 Clark, Richard J.
 Coper, 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.
 Heppner, Frank H.
 Jeffries, Perry
 Salla, Saul B.

VIRGINIA

Andrews, Jay D.
 Bailey, Randy E.
 Birdsong, Ray S.
 Bradley, Sterling G.
 Bryson, William T.
 Cliff, Edward P.
 Conroy, John N.
 Crawford, Hewlette S.
 Damalas, Andinos P.
 Dowling, Paul Bruce
 Giles, Robert H., Jr.
 Harlow, Richard F.
 Hocutt, Charles R.
 Hcooper, 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 E.
Schreck, Carl E.
Slocomb, John P.
Taylor, Warren H.
Tuthill, Bartley E.
Wass, Marvin L.

VERMONT

Farrar, Richard B.
Horst, G. Roy

WEST VIRGINIA

Bayless, Laurence E.
Fuchs, Everett H.
Gasper, Donald C.
Jenkins, Charles R.
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, Lovell, 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 B.
Sjolseth, Danny E.
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 R.
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 F.

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.
Moore, Jerry A.
Riley, David P.
Skoog, Ronald C.

MASSACHUSETTS

Cassista, A. Jon
Clark, Janet I.
Coppinger, Raymond E.
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 P.A.
Pcyner, Martin M.
Stoneburner, Daniel L.
Wagner, Richard H.
Ward, Fraser E.

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 E.
 Jones, Walter A.
 Stout, Benjamin B.

NEW YORK

Barton, James D., Jr.
 Chamberlain, James L.
 Craul, Phillip J.
 Crouse, Barry W.
 Eustance, William E.
 Gehris, Clarence W.
 Geis, James W.
 George, Carl J.
 Goodland, Robert J.
 Kessell, Stephen R.
 Lanier, Gerald N.
 LaRoche, Germain E.
 Likens, Gene E.
 Magorian, Thomas R.
 Olson, Gerald, W.
 Peet, Robert K.
 Pimentel, David
 Simeone, John B.
 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.
 Hcooper, 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 P.
 Smith, Robert L.

FORESTRY PLANT COMMUN. MANAGEMENT

WEST VIRGINIA

Swan, Frederick R., Jr.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

FOULING

DISTRICT OF COLUMBIA

Banta, William C.

HEATED DISCHARGE

PENNSYLVANIA

Alden, Jon C.

HIGHWAYS

CONNECTICUT

Egler, Frank P.

Kelley, Roger W., Jr.

Lefor, Michael W.

DISTRICT OF COLUMBIA

Aron, William I.

Grandy, John W., IV

Rufford, 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 L.

Snyder, Benjamin W.

Spaulding, Willard M., Jr.

MARYLAND

Andrews, Ralph

Lees, Aldridge L., Jr.

Wagner, Richard B.

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 R.

Olson, Gerald W.

Paulson, Glenn L.

Spagnoli, John J.

Squires, Donald F.

Suzuki, Jon B.

Wikstrom, Leonard L.

PENNSYLVANIA

Bardarik, Daniel G.

Browne, Francis X.

Chase, Craig C.

Hartman, Fred E.

Hayden, Robert P.

Henshaw, Robert E.

Keefer, Scott D.

McKee, Guy W.

Reed, Lanny W.

Scherer, Robert C.

Snyder, 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.
 Conroy, John H.
 Giles, Robert H., Jr.
 Lynch, Maurice P.
 Nyquist, David
 Prosser, Norville S.
 Slocomb, John P.
 Tuthill, Bartley E.
 Westfield, James E.

VERMONT

Wood, Glen M.

WEST VIRGINIA

Behling, Robert E.
 Fuchs, Everett H.
 Gasper, Donald C.
 Godno, Edward J.
 Jenkins, Charles R.
 Jernejcic, Frank A.
 Linsky, Benjamin
 Ozmina, David J.
 Schmude, Keith O.
 Schulz, Arnold P.
 Singh, Rabindar Nath

HISTORIC PRESERVATION

VIRGINIA

Shackelford, George G.

HOUSING CONSTRUCTION

PENNSYLVANIA

Arnold, Dean E.

HYDROELECTRIC POWER

CONNECTICUT

Marcy, Barton C.
 Szechtman, Raphael J.

DISTRICT OF COLUMBIA

Aron, William I.
 Jameson, Robert M.
 Keup, Lowell, F.
 Riley, David F.
 Schueler, Robert L.
 Skoog, Ronald O.
 Wade, Richard L.
 Walker, Charles R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Ccle, Charles P.
 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.
 Pcerster, John W.
 Ward, Fraser P.

MAINE

Flagg, Lewis N.
 Graham, Joseph J.

NORTH CAROLINA

Baker, W. Donald
 Burton, Gerald L.
 Frame, David W.
 Sjolseth, 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 D.
 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.
Saila, 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.
Gcodno, 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 F.
Schueler, Robert I.
Walker, Charles R.

MASSACHUSETTS

Golub, Samuel J.
Harleman, Donald R.
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 R.
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.
Slocomb, John P.

WEST VIRGINIA

Moe, Paul G.
Nelson, Charles W.
Ozmina, David J.

LAND DEVELOPMENT

NEW YORK

Behwoldt, 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 L.
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.
Cutcher, Joseph J.
Sipple, William S.
Ward, Fraser P.
NORTH CAROLINA
Adams, David A.
Baker, W. Donald
Banks, Roger L.
Burton, Gerald L.
Sjols eth, Danny E.
Stephenson, Don W.
Tyus, 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 B.
Goodno, Edward J.
Kutscheid, Ben B.
Nelson, Charles W.
Schulz, Arnold F.
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 P.
Schueler, Robert L.
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.
 Foley, Donald D.
 Kessell, Stephen F.
 Magorian, Thomas R.
 Neumaier, Gerhard J.
 Pcsmentier, Eric S.
 Ritchie, Gary A.
 Terry, Orville W.

PENNSYLVANIA
 Vcris, 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
 Aton, William I.
 Coggeshall, Dale T.
 Evenden, Fred G.
 Grandy, John W., IV
 Hay, Keith G.
 Jones, 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.
Coppinger, 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 R.
Pinkham, Carlos F.A.
Pcyner, Martin M.
Sipple, William S.
Stanton, Gary C.
Wagner, Richard H.
Ward, Fraser P.
Welch, Bruce L.

MAINE

Bourque, Peter M.
Flagg, Lewis N.
Major, Charles W.

NORTH CAROLINA

Baker, W. Donald
Bell, C.R.
Burton, Gerald L.
Dooley, James K.
DuMont, David M.
Mason, Robert E.
Monschein, Tom D.
Outen, Ronald B.
Perry, Thomas C.
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 R.
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

RHODE ISLAND

Halvorson, William L.
Nixon, Scott W.

VIRGINIA

Bishop, John W.
Blum, Charles R.
Bradley, Sterling G.
Cliff, Edward P.
Conroy, John H.
Crawford, Hewlette S.
Dowling, Paul Bruce
Giles, Robert H., Jr.
Hanawalt, Ronald B.
Harvill, Alton M.
Hopper, Robert G.
Richards, Clarence E.
Pohde, Wayne G.
Schreck, Carl B.
Taylor, Warren H.
Tuthill, Bartley E.

VERMONT

Farrar, Richard B.
Villaril, Richard J.
Wood, Glen M.

WEST VIRGINIA

Bayless, Laurence E.
Fuchs, Everett H.
Gasper, Donald C.
Goodno, Edward J.
Jenkins, Charles R.
Kutscheld, Een B.
Lee, Richard
Schmude, Keith O.
Schelz, Arnold F.

PEST CONTROL

MASSACHUSETTS

Lazell, Jr., James D.

PESTICIDES, HERBICIDES

CONNECTICUT

Egler, Frank E.
Kelley, Roger W., Jr.
Lefor, Michael H.
Lukens, Raymond J.
Miner, Dallas E.
Shaw, David G.
Smith, David M.
Smith, Dwight G.
Smith, William H.

DISTRICT OF COLUMBIA

Aron, William I.
Bushman, John B.
Coggeshall, Dale T.
Davis, William Price
Grandy, John H., IV
Malone, Manfred P.
Moore, Jerry A.
Page, Robert E.
Riley, David F.
Russell, Harold G., Jr.
Skocz, Ronald C.
Wade, Richard L.
Walker, Charles R.
Ward, Ronald A.
Wheatley, James R.

DELAWARE

Connell, Walter A.
Dill, Norman H.
Lander, Darrell E.

MASSACHUSETTS

Adrian, Donald D.
Breen, Vaughan T.
Carrugia, George
Cassista, A. Jon
Cole, Charles P.
Drustberg, Theodore C.
Drury, William W.
Gorden, Morton
Harvey, George R.
Kricher, John C.
Lazell, Jr., James D.
Nickerson, Morton H.
Pober, Ernest
Snyder, Benjamin W.
Spaulding, Willard W., Jr.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PESTICIDES, HERBICIDES

MASSACHUSETTS

Weeks, Martin E.
Yentsch, Charles S.

MARYLAND

Bay, Ernest C.
Bender, Edward S.
Catgille, Charles H.
Cummings, Edmund G.
Forster, William C.
Henny, Charles J.
Hershaft, Alex
Khattat, Fadhil H.
Mangiafico, Joseph A.
Morgan, Raymond P.
Pearson, James G.
Pinkham, Carlos P. A.
Pcyner, Martin M.
Stanton, Gary C.
Ward, Fraser P.
Wessel, Carl J.
Wymer, William H.

MAINE

Bourque, Peter M.
Flagg, 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 T.
Monschein, Tom D.
Phillips, Walter E., Jr.
Sjolseth, 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
Shanholtzer, Sheryl F.
Trautenberg, Gerald A.
Wehner, Donald C.
Weis, Beddrick

NEW YORK

Beehle, John, Jr.
Craul, Phillip J.
Cutright, Noel J.
Engel, Ronald A.
Erickson, James M.
Eustance, William E.
Foley, Donald D.
Forbes, James E.
Friedhoff, Arnold J.
George, Carl J.
Rogan, Terry M.
Jamnback, Hugo A.
Kaczynski, Victor W.
Klonick, Allan S.
LeBaron, Homer M.
Likens, Gene E.
Magorian, Thomas F.
Massaro, Edward J.
Morris, Charlie D.
Paulson Jr., Donald L.
Paulson, Glenn L.
Peakall, David R.
Pimentel, David
Powell, Paul F.
Rice, Clifford P.
Rcman, Micoea' P.
Root, Richard B.
Savage, Joseph L.
Simeone, John B.
Squires, Donald F.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

PESTICIDES, HERBICIDES

NEW YORK

Stalter, Richard
Vandruff, Larry W.
Willcox, Renry H., III

PENNSYLVANIA

Anderson, Bertil G.
Bardarik, Daniel G.
Berkoff, Charles E.
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.
Cnroy, 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, Uora E.
Wood, Glen M.

WEST VIRGINIA

Pore, Robert S.
Samuel, David F.
Schulz, Arnold F.
Ulrich, Valentin

PROTECTION/JETTIES LAKES

VIRGINIA

Nyquist, David

PULP MILL SITING

NORTH CAROLINA

Sjolseth, Danny E.

RADIATIONS AND ISOTOPEES

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, F.
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

Bourgue, 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

Sjolseth, 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

Eustance, William E.
Fcley, Donald D.
Jackson, Daniel F.
Lopez, Glenn R.
Magorian, Thomas R.
Ritchie, Gary A.
Wilson, Lee

PENNSYLVANIA

Hartman, Fred E.
Rayden, 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

Gasper, Donald C.
Goodno, Edward J.
Kutscheid, Ben B.
Nelson, Charles W.
Ozmina, David J.
Schulz, Arnold F.

RESERVOIRS/DAMS

CONNECTICUT

Camp, Wofford B., Jr.
Gotski, 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.
McCote, Jerry A.
Riley, David F.
Schueler, Robert I.
Skoog, Ronald O.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.
Camougis, George
Ccle, Charles F.
Dillingham, James H.
Domermuth, Robert E.
Gorden, Morton
Harleman, Donald R.
Old, Warren T. Jr.
Parrack, Michael L.
Bho, Jinnque
Rizzo, Benedetto
Satterwhite, Melvin B.
Soukup, Michael A.
Spaulding, Willard M., Jr.
Stuart, Alastair M.

MARYLAND

Bay, Ernest C.
Beal, Kenneth L.
Cooper, John E.
Fenster, John W.
Gurtz, Martin E.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

RESERVOIRS/DAMS

MARYLAND

Stanton, Gary C.
Ward, Fraser R.

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.
Coper, Arthur W.
Hayne, Don W.
Howells, David H.
Johnson, Harrel E.
Kroger, Richard L.
Lammers, William T.
Mason, Robert E.
Monschein, Tom D.
Outen, Ronald B.
Sjolseth, 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 E.
Foley, Donald D.
Forbes, 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.W.
Ghiselin, Jon B.
Hartman, Fred E.
Rayden, Robert E.
Reiney, 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 R.
Bradley, Sterling G.
Cairns, Jr., John
Cenroy, John R.
Damalas, Andinos F.
Dickson, Kenneth L.
Dowling, Paul Bruce
Giles, Robert R., 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, Ben 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.
 Young, 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.
 Cooper, Arthur W.
 Davey, Charles E.
 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

Reumaier, 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.
Beiney, Clayton L.
Vcris, Harold K.

RHODE ISLAND

Cook, David O.
Jeffries, Perry
Nixon, Scott W.

VIRGINIA

Baer, Lawrence J.
Birdsong, Ray S.
Boesch, Donald F.
Conroy, John H.
Dowling, Paul Bruce
Nyguist, David
Odum, William E.
Pierce, Phillip C.
Taylor, Warren H.
Wass, Marvin L.

WEST VIRGINIA

Fuchs, Everett H.
Gcodno, Edward J.
Kutscheid, Ben B.
Nelson, Charles W.
Schulz, Arnold P.
Zaltzman, Raul

SOC. & ECO. GROWTH

VIRGINIA

Conroy, John H.

SOIL EROSION

CONNECTICUT

Camp, Wofford E., Jr.
De Boo, 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, Lowell, F.
Riley, David P.
Wheatley, James R.
Woodard, Donald W.

DELAWARE

Lucder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.
Clark, Janet I.
Gorden, Morton
Lazell, Jr., James D.
Mugford, Paul S.
Nickerson, Norton H.
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

Bourgue, Peter W.

NORTH CAROLINA

Baker, W. Donald
Banks, Roger L.
Eool, Stanley W.
Burton, Gerald L.
Davey, Charles E.
Haines, Leroy W.
Howells, David H.
Johnson, Harrel B.
Monschein, 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 R.
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.R.
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

Bushy, Charles C.
Halvorson, William L.

VIRGINIA

Bishop, John W.
Cairns, Jr., John
Cliff, Edward P.
Conroy, John H.
Harlow, Richard F.
Lemmon, Paul E.
Prosser, Norville S.
Slocomb, 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.
Godno, Edward J.
Kutscheid, Een B.
Ozmina, David J.
Schmude, Keith O.
Schulz, Arnold P.
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 I.
Keup, Lowell, P.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

TAILINGS, SPOILS DISPOSAL
 DISTRICT OF COLUMBIA
 Moore, Jerry A.
 Packer, Randall K.
 Siley, David F.
 Skoog, Ronald O.
 Wheatley, James R.
 Woodard, Donald W.

DELAWARE
 Louder, Darrell E.

MASSACHUSETTS
 Crusberg, Theodore C.
 Farrington, John W.
 Golub, Samuel J.
 Gordon, 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.
 Pinkham, Carlos F. A.
 Wagner, Richard R.
 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 R.

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 E.
 Bardarik, Daniel G.
 Chase, Craig C.
 Cooper, Edwin L.
 Foster, Neal R.
 Heiney, Clayton L.
 Hinish, Wayne W.
 Kardos, Louis T.
 Keefer, Scott D.
 Kirkland, Gordon L., Jr.
 Koesterer, Martin G.
 McDaniel, Michael D.
 McKee, Guy W.
 Reed, Lanny W.

RHODE ISLAND
 Cook, David C.
 Halvorson, William L.
 Oviatt, Candace A.
 Prager, Jan C.
 Salla, Saul B.

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
Gcodno, 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
Preudenthal, Hugo D.

WATER QUALITY CONTROL
CONNECTICUT
Baum, Bernard
Bongiorno, Salvatore P.
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
Lcuder, 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 R.
Hillman, Robert E.
Johnson, James E.
Lazell, Jr., James D.
Miller, A. Richard
Moore, Stephen F.
Nickerson, Norton W.
Old, Warren T. Jr.
Rho, Jinnque
Rowe, 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 R.
Khattat, Fadhil H.
Mangiafico, Joseph A.
Pearson, James G.
Stanton, Gary C.
Storms, Stephen E.
Wagner, Richard H.
Ward, Fraser P.

MAINE

Bourque, Peter M.
Flagg, Lewis W.
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 R.
Likens, Gene E.
Little Jr., Frank J.
Magorian, Thomas R.
Moskowitz, Paul D.
Neumaier, Gerhard J.
Paulson, Glenn L.
Rehwoldt, Robert E.
Schumacher, George J.
White, James P.
Willcox, Henry H., III
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 4 IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER QUALITY CONTROL

PENNSYLVANIA

Johnson, Andrew I.
Kardos, Louis T.
Keefer, Scott E.
Koesterer, Martin G.
Majumdar, Shyamal K.
McDaniel, Michael D.
Snyder, James L.
Stern, Arthur H.

RHODE ISLAND

Beckers, Jr., Charles V.
Busby, Charles C.
Cook, David O.
Cox, Geraldine W.
Eisler, Ronald
Jeffries, Perry
Prager, Jan C.
Wallace, Jr., Gordon T.

VIRGINIA

Birdsong, Fay S.
Eoesch, Donald P.
Bradley, Sterling G.
Bradley, Sterling G.
Cairns, Jr., John
Conroy, John H.
Hill, Richard L.
Hocutt, Charles H.
Kelly, Mahlon G.
Menyhert, William F.
Wygust, David
Parker, Bruce C.
Pierce, Phillip C.
Schreck, Carl B.
Slocumb, John P.
Westfield, James D.

VERMONT

Farrar, Richard E.
Jewell, William J.
Starbuck, George W.

WEST VIRGINIA

Blackshaw, G. Lansing
Burrell, Robert
Fuchs, Everett H.
Gasper, Donald C.
Godno, Edward J.
Jenkins, Charles E.
Kutscheid, Fen E.
Moe, Paul G.
Welson, Charles W.
Ozmina, David J.
Schulz, Arnold F.
Singh, Rabiadar Nath
Ulrich, Valentin
Zaltzman, Raul

WATER RESOURCE DEVELOPMENT

CONNECTICUT

Benigno, Salvatore P.
Brown, Charles L.
Camp, Wofford E., Jr.
Gorski, Leon J.
Kelley, Roger W., Jr.
Marcy, Barton C.
McGuinness, William W.
Mayer, Dallas D.
Porter, Karen J.
Steinmetz, Charles Jr.
Zoellner, David R.

DISTRICT OF COLUMBIA

Aron, William I.
Davis, William Price
Grandy, John W., IV
Hayes, Helen L.
Keup, Lovell, P.
Packer, Randall K.
Riley, David P.
Schueler, Robert L.
Walker, Charles P.
Wheatley, James R.

DELAWARE

Louder, Darrell F.

MASSACHUSETTS

Adrian, Donald D.
Cimongis, George
Crosberg, Theodore C.

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.
Foerster, John W.
Pershaf, Alex
Hughes, Kent R.
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 N.
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 R.
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.
Tarpsee, William H., Jr.
Tyus, Harold M.
Weiss, Charles M.

NEW HAMPSHIRE
Federer, C. Anthony
Pcrste, Robert H.
Gee, Glendon W.
Hartwell, Allan D.
Jonasch, John J.
Wheeler, Ellsworth R.

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 C.
Geis, James W.
George, Carl J.
Kaczynski, Victor W.
Kessell, Stephen R.
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 E.
 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.
 Sissenwine, Michael P.

VIRGINIA

Birdsong, Ray S.
 Boesch, Donald F.
 Cairns, Jr., John
 Cenroy, John H.
 Hocutt, Charles H.
 Hornberger, George M.
 Jenkins, Robert E.
 Kelly, Mahlon G.
 Lanier, James A.
 Menyhert, William R.
 Nyquist, David
 Odum, William E.
 Pierce, Phillip C.
 Prosser, Norville S.
 Schreck, Carl B.
 Slocomb, John P.
 Tuthill, Bartley E.
 Westfield, James E.

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 O.
 Schulz, Arnold P.
 Zaltzman, Raul

WATER SUPPLY

CONNECTICUT

Camp, Wofford B., Jr.
 Gorski, Leon J.
 McGuinness, William V.
 Miner, Dallas D.
 Szechtman, Raphael J.
 Zoellner, David R.

DISTRICT OF COLUMBIA

Aron, William I.
 Jameson, Robert M.
 Keup, Lowell, P.

TABLE 4 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

WATER SUPPLY

DISTRICT OF COLUMBIA

Malone, Winfred P.
Riley, David F.
Schueler, Robert L.
Skoog, Ronald G.
Wade, Richard L.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Adrian, Donald D.
Camougis, George
Crusberg, Theodore C.
Dornmuth, Robert E.
Gorden, Morton
Harleman, Donald R.
Johnson, James E.
Larson, Joseph S.
Miller, A. Richard
Mugford, Paul S.
Nickerson, Norton H.
Old, Warren T. Jr.
Rho, Jinnque
Spaulding, Willard M., Jr.
Yentsch, Charles S.

MARYLAND

Eoerster, 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 F.
Kaczynski, Victor W.
Kessell, Stephen E.
Likens, Gene E.
Magorian, Thomas P.
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.
Slocumb, 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.
Moe, Paul G.
Nelson, Charles W.
Schulz, Arnold F.
Zaltzman, Raul

WATERSHED, FOREST, RANGE

CONNECTICUT

Camp, Wofford B., Jr.
Damman, Antoni W.
Egler, 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.
McCore, Jerry A.
Post, Boyd W.
Riley, David F.
Schueler, Robert I.
Skogq, Ronald O.
Wheatley, James R.

DELAWARE

Louder, Darrell E.

MASSACHUSETTS

Coppinger, Raymond P.
Larson, Joseph S.
Lazell, Jr., James D.
Miller, A. Richard
Mugford, Paul S.
Old, Warren T. Jr.
Satterwhite, Melvin B.
Spaulding, Willard M., Jr.
Stuart, Alastair M.
Weeks, Martin E.

MARYLAND

Pinkham, Carlos F.A.
Stanton, Gary C.
Wagner, Richard H.
Ward, Fraser P.

MAINE

Bourque, Peter M.
Plagg, 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 E.
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.
Gee, Glendon W.
Leonard, Raymond E.
Patrick, David K.

NEW JERSEY

Bluseling, Charles III
Ferrigno, Fred
Stout, Benjamin B.

TABLE 4. WETLANDS MANAGER RESPONSES TO THE SURVEY (BY RESPONDENT'S LOCATION)

WATERSHED FOREST, PANCAKE

NEW YORK

Barton, James D., Jr.
 Boehle, John, Jr.
 Chamberlain, James L.
 Craul, Phillip J.
 Eustance, William E.
 Foley, Donald D.
 Goodland, Robert J.
 Kessell, Stephen R.
 Lanier, Gerald N.
 LaRoche, Germain E.
 Likens, Gene E.
 Neuwaier, Gerhard J.
 Olson, Gerald, W.
 Pimentel, David
 Simons, John B.
 Webb, William L.
 Wikstrom, Leonard L.
 Willcox, Henry H., III
 Wilson, Lee

PENNSYLVANIA

Catalano, Raymond A.
 Chase, Craig C.
 Hartman, Fred E.
 Heiney, Clayton 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

Braclay, Sterling G.
 Byrne, John M.
 Cliff, Edward P.
 Conroy, John R.
 Crawford, Newlette S.
 Dowling, Paul Bruce
 Harlow, Richard F.
 Kelly, Mahlon G.
 Lemmon, Paul E.
 Pierce, Phillip C.
 Schreck, Carl B.
 Waters, William E.
 Westfield, James D.

VERMONT

Farrar, Richard B.
 Wood, Glen M.

WEST VIRGINIA

Gasper, Donald C.
 Goodno, Edward J.
 Jenkins, Charles R.
 Kutscheid, Fen B.
 Lee, Richard
 Nelson, Charles W.
 Ozmina, David J.
 Schulz, Arnold P.

WETLANDS MANAGER

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
AGRIBUSINESS 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, H.A.	5
Nelson, Paul V.	1
HAWAII	
Harvey, George R.	
MIDDLE ATLANTIC	
Baniecki, John P.	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 P.	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)

	YEARS IN REGION
AGRONOMY	
ALASKA	
Hodgson, Harlow J.	13
ASIA	
Camp, Wofford B., 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 B., 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 B., 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 B., 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, Royse 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.	8
Byrne, John M.	9
Carriker, Melbourne R.	1
Cooper, William E., Jr.	3
Davis, George M.	3
Dooley, James K.	9
Goeringer, Gerald C.	5
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.	2
Goeringer, Gerald C.	16
Hall, William E.	
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
PHILIPPINES	
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 P.	5
Massaro, Edward J.	7
WEST INDIES	
Stern, William L.	
NORTHEAST	
Cutright, Noel J.	7
ANIMAL BEHAVIOR	
MIDDLE ATLANTIC	
Ghiselin, Jon B.	5
AFRICA	
Carr, Donn E.	3
Ghiselin, Jon B.	1
ASIA	
Batra, Suzanne W.T.	2
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Savidge, Irvin R.	1
AUSTRALIA	
Stuart, Alastair M.	6
CANADA, WESTERN	
Clark, Richard J.	0.5
CARIBBEAN	
Coppinger, Raymond P.	1
CENTRAL AMERICA	
Foster, Neal R.	1
Stuart, Alastair M.	1
GREAT LAKES	
Judd, John H.	
MIDDLE ATLANTIC	
Batra, Suzanne W.T.	5
Carr, Donn E.	1
Cooper, William E., Jr.	1
Francq, Edward N.	3
Heppner, Frank R.	
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 B.	8
Hadley, Wayne F.	2
Judd, John R.	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 E.	4
Clark, Richard J.	12
Coppinger, Raymond P.	8
Foster, Neal R.	13
Francq, Edward N.	10
Hadley, Wayne F.	2
Heppner, Frank R.	4
Judd, John H.	14
Kelley, Roger W., Jr.	17
Kellogg, Charles W.	3
Kelly, Mahlon G.	7
Pichkus, William A.	4
Savidge, Irvin R.	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 R.	7

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

ANIMAL BEHAVIOR	YEARS IN REGION
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
Francg, Edward N.	2.5
Ghiselin, Jon B.	3
Linduska, Joseph P.	3
SOUTH AMERICA	
Foster, Neal R.	1
SOUTH CENTRAL	
Cooper, William E., Jr.	5
Ghiselin, Jon B.	1
SOUTHEAST	
Cooper, William E., Jr.	1
Foster, Neal R.	1
Francg, Edward N.	0.5
Ghiselin, Jon B.	1
Kelley, Roger W., Jr.	1
Kelly, Mahlon G.	1
Linduska, Joseph P.	3
Savidge, Irvin R.	1
Stuart, Alastair M.	4
Wood, Langley H.	2
SOUTHWEST	
Hadley, Wayne F.	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, Fadhil H.	6
Skoog, Ronald O.	3
Snelling, John C.	2
ALASKA	
Aron, William I.	
Bushman, John B.	6
Drury, William H.	1
Henshaw, Robert E.	7
Skoog, 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	
Boesch, 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
Sisswine, 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	
Banta, 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 P.	
MID EAST	
Khattat, Fadhil H.	
MIDDLE ATLANTIC	
Allan, J. David	1
Aron, William I.	7
Banta, William C.	3
Barnett, L. Bruce	4
Patra, Suzanne W.T.	5
Bender, Edward S.	1
Boesch, Donald P.	4
Bradshaw, William N.	11
Carriker, Melbourne R.	9
Clark, William, T.	3
Cooper, William E., Jr.	1
Cummings, Edmund G.	16
Evenden, Fred G.	9
Foerster, John W.	4
Francq, 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
Hepner, 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
Skoog, Ronald O.	15
Snelling, 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
Barash, David P.	3
Batra, Suzanne W.T.	1
Bender, Edward S.	0.5
Caccamise, Donald P.	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
Erickson, James M.	4
Ferner, John W.	1
Foerster, John W.	4
Foley, Donald D.	30
Foster, Neal R.	13
Francg, 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
Heppner, 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, Fadhil 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
Pichkus, 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.	1
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
Pichkus, William A.	2
Root, Richard B.	6
Skoog, Ronald O.	10
Southwick, Edward E.	4
Spencer, Larry T.	2
Sturges, Franklin W.	14
Tramontano, John P.	4
PUERTO RICO	
Pimentel, David	3
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 E.	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 H.	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 R.	2
Welch, Bruce L.	10
Young, David K.	2
SOUTHWEST	
Bender, Edward S.	0.25
Bradshaw, William N.	10
Caccamise, Donald F.	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 E.	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.	8
NORTHEAST	
Beck, Sidney L.	7
Bruning, Donald F.	5
Cutright, Noel J.	7
Heiney, Clayton L.	15
PACIFIC STATES	
Bruning, Donald F.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

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
AQUATIC 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
Hecky, Robert E.	1
Mellock, John M.	1
ALASKA	
Kror, William I.	
Pisler, Ronald	.25
Robbie, John E.	2
Jefters, Edmund E.	1
Natarajan, K.V.	8
Nyquist, David	3
ASTA	
George, Carl J.	6
Kuenzler, Edward J.	2
Lanza, Guy R.	1.5
Moore, Johnes K.	1
Natarajan, K.V.	8
Rho, Jinnque	5
Wheeler, Ellsworth H.	1
Wentsch, Charles S.	1
AUSTRALIA	
Stuart, Alastair M.	6
BAHAMAS	
Cassin, Joseph M.	
CANADA, EASTERN	
Bellis, Vincent J.	4
Cairns, Jr., John	0.25
Poerster, John W.	1
Foley, Donald D.	1
Sissenwine, Michael P.	
Teal, John M.	2
Walker, Charles R.	
CANADA, NORTHERN	
Walker, Charles R.	
CANADA, WESTERN	
Allan, J. David	2
Odum, William E.	1
Walker, Charles R.	
CARIBBEAN	
Arnold, Dean E.	1
CENTRAL AMERICA	
Birdsong, Ray S.	
Saila, Saul B.	0.5
Stuart, Alastair M.	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 B.	1.5
Scherer, Robert C.	2
Walker, Charles R.	
Wright, Richard T.	2
Yentsch, Charles S.	1
HAWAII	
Eisler, Ronald	.25
Young, David K.	4
ISRAEL	
Eisler, Ronald	1
MICRONESIA	
Fuchs, Everett H.	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
Greenson, 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 R.	5
Hufford, Terry L.	1
Jackson, Daniel F.	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.	15
Morgan, Raymond P.	7
Nelson, Charles W.	2
Neumaier, Gerhard J.	1
Nixon, Scott W.	4
Nygquist, David	2
Odum, William E.	2
Pearson, James G.	3
Peterson, Charles H.	1

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ARCTIC ECOLOGY	
MIDDLE ATLANTIC	
Prosser, Norville S.	5
Rose, Cort D.	2
Ruber, Ernest	7
Saila, Saul B.	2
Sherbine, K. Bruce	12
Sissenswine, Michael P.	
Stolseth, Danny E.	3
Slocomb, John P.	0.5
Smith, Kenneth L., Jr.	2
Spaulding, Willard M., Jr.	4
Tietjen, John F.	
Wade, Richard A.	1
Walker, Charles R.	6
Walker, William H.	5
Verner, Robert G.	7
Young, David K.	2
Zukoff, Paul L.	10
NEW ZEALAND	
Stuart, Alastair M.	6
NORTH 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 F.	1
Engel, Ronald A.	4
Fuchs, Everett H.	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
Lynets, George W.	5
Marshall, 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
NORTHEAST	
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 R.	10
Cassin, Joseph M.	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
Cutright, 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
Poerster, 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
Klattenberg, Ronald P.	3
Kroger, Richard L.	
Kuenzler, Edward J.	6
Lanza, Guy R.	
Liguori, Vincent R.	21
Likens, Gene E.	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
Rehwoaldt, Robert E.	19
Rho, Jinnque	8
Powe, 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 F.	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
Hellis, 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
Greenson, Phillip E.	1
Hecky, Robert E.	4.5
Hobbie, John E.	6
Jeffers, Edmund E.	2
Keller, Edward C. Jr.	3
Kelly, Robert H.	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
Poerster, John W.	2
Jeffers, Edmund E.	2.5
Johnson, James E.	5
Kuenzler, Edward J.	1
McDaniel, Michael D.	3
Neumaier, Gerhard J.	2
Rehboldt, Robert E.	1.5
Smith, Dwight G.	4
WEST INDIES	
Liquori, Vincent R.	
ARBORICULTURE	
NORTH CENTRAL	
Kutscheid, Ben B.	3
SOUTH CENTRAL	
Kutscheid, 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 W.	
ICELAND	
Tiffney, Jr., Wesley W.	
MIDDLE ATLANTIC	
Tiffney, Jr., Wesley W.	
NORTHEAST	
Tiffney, Jr., Wesley W.	7
ROCKY MOUNTAIN	
Tiffney, Jr., Wesley W.	
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.	
PUERTO RICO	
Martens, Christopher S.	
SOUTHEAST	
Martens, Christopher S.	4
BACTERIOLOGY	
AFRICA	
Moe, Paul G.	4
ALASKA	
Jeffers, Edmund E.	1
ASIA	
Cardenas, Paul P., Jr.	1
Kelly, Mahlon G.	1
Rho, Jinnque	5
Yentsch, Charles S.	1
BAHAMAS	
Cassin, Joseph M.	
CENTRAL AMERICA	
Bradley, Sterling G.	1
Bradley, Sterling G.	1
EUROPE, 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 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

BACTERIOLOGY	
MIDDLE ATLANTIC	
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
Raizen, Eileen C.	5
Singer, Howard J.	3
Staley, Thomas E.	2
Stern, Arthur M.	19
Walton, Robert B.	24
Willett, Norman P.	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
Willett, Norman P.	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, Philip 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
Willett, Norman P.	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., Jr.	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
WEST INDIES	
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
EIOACOUSTICS	
NORTHEAST	
Winn, Roward 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.	D.5
EUROPE, WESTERN	
Ahmad, Sami	3.5
De Villafranca, George W.	D.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
BIOENGINEERING	
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	
Rall, William P.	1.5
NORTH CENTRAL	
Hall, William P.	2
NORTHEAST	
Hall, William P.	5
PACIFIC STATES	
Hall, William P.	1
SOUTHWEST	
Rall, 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
Wayne, 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 R.	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 R.	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 ZOOSES	
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)

	YEARS IN REGION
ENTOMOLOGY	
MIDDLE ATLANTIC	
Bay, Ernest C.	3
Bernardin, Paul A.	4
Ford, Robert P.	5
Fuchs, Everett R.	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 B.	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 B.	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 F.	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.	
Virnstein, 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	
Villamil, 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
Rershaft, Alex	1
Hughes, Kent H.	2
Jackson, Daniel P.	11
Jenkins, Charles R.	7
Jenkins, Robert E.	20
Jimeson, 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
Menyhert, 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 F.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
Virnstein, 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.	25
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.	4
Fuchs, Everett H.	8
Haase, Bruce L.	6
Haines, Terry A.	6

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

ENVIRONMENTAL POLLUTION	
NORTH CENTRAL	
Hershafft, Alex	5
Jenkins, Charles R.	3
Keefer, Scott D.	3
Keup, Lovell, P.	2
Likens, Gene E.	5
Linsky, Benjamin	8
Litsky, Warren	3
Miller, Brinton M.	4
Miner, Dallas D.	2
Moe, Paul G.	10
Neumaier, Gerhard J.	1
Pinkham, Carlos P.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, Haul	
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
Eisler, Ronald	6
Freudenthal, Hugo D.	18
Fuchs, Everett R.	1
Gasper, Donald C.	15
Gold, Kenneth	10
Gorden, Norton	17
Griffith, Roger B.	3
Haase, Bruce L.	4
Hamilton, Daniel Heyward	5
Harleman, Donald R.	26
Hartwell, Allan D.	6
Harvey, George R.	7
Hershafft, Alex	8
Jackson, Daniel F.	22
Jahoda, John C.	5
Jenkins, Robert E.	4
Jimeson, Robert M.	9
Kelley, Roger H., Jr.	17
Keup, Lovell, P.	1
Klattenberg, Ronald P.	3
Lanza, Guy R.	
Likens, Gene E.	10
Litsky, Warren	4
Little Jr., Frank J.	1
Malone, Winfred P.	
Massaro, Edward J.	4
Menzhert, William R.	2
Miner, Dallas D.	4
Moe, Paul G.	3
Moore, Stephen P.	1
Nadeau, Royal J.	6
Neumaier, Gerhard J.	6
Nickel, Ross	12
Paulson, Glenn L.	8
Pfaender, Frederic K.	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
Villaamil, 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
Witschonke, 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
Hershaft, 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 R.	6
Wilson, Lee	1
SOUTH AMERICA	
Baier, Rodger W.	0.1
Cairns, Jr., John	0.25
Eisenbud, Merrill	
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
Rarvey, George R.	6
Jenkins, Charles R.	1
Jenkins, Robert E.	0
Keup, Lowell, P.	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
Damalas, Andinos P.	19
Eisler, Ronald	1
Gurtz, Martin E.	3
Jadlocki, Joseph P.	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
Rehwoldt, 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 R.	0.75
NORTH CENTRAL	
Nickerson, Norton R.	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 EDUC.	
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, Harrison 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 U.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
Hemmett, Roland B.		7
Hollingshead, Kenneth R.		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 R.		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 R.		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
Bourque, Peter M.		8
Cheng, Thomas C.		8
Cole, Charles F.		3
Culp, Terry R.		1
Denoncourt, Robert F.		10
Domermuth, Robert B.		5
Dryfoos, Robert L.		1
Eisler, 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 5 - COMPETENCE
(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
Hyquist, David	2
Pearson, James G.	2
Scattergood, Leslie W.	3
Schreck, Carl B.	1
Sjolseth, 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 B., 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	
McRugh, John L.	5
FISHERYBIOLOGY	
NORTHEAST	
Richards; Clarence E.	2
SOUTHEAST	
Richards; Clarence E.	18
FOOD SCIENCES	
NORIH 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, Josph 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, Josph H.	1
Waters, William E.	
MEXICO	
Little, Elbert L., Jr.	1
MIDDLE ATLANTIC	
Cliff, Edward P.	23
Ford, Robert P.	5
Rutnik, Russell J.	16
Kelly, Mahlon G.	2
Lemmon, Paul E.	3
Little, Elbert L., Jr.	24
Rohde, Wayne G.	2
Smith, William R.	4
Stout, Benjamin R.	13
Ward, Wilber W.	24
Waters, William E.	4
Wiant, Harry V., Jr.	1
Willcox, Renry H., 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)

	YEARS IN REGION
FORESTRY	
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 R.	7
Stout, Benjamin B.	12
Vaillancourt, Josph 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
SOUTHEAST	
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, Josph R.	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	0.5
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 R.	
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
Namkoong, 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
Majumdar, 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
Majumdar, Shyamal K.	7
Massaro, Edward J.	
Raizen, Eileen C.	2
Tamarin, Robert H.	

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEAPS 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	
Burrell, 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

	YEARS IN REGION
IMMUNOLOGY	
SOUTHEAST	
Cheng, Thomas C.	5
Reagan, Roland E.	8
SOUTHWEST	
Burrell, 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.	2
CARIBBEAN	
Arnold, Dean E.	1
CENTRAL AMERICA	
Little Jr., Frank J.	1
Stuart, Alastair M.	1
CENTRAL AMERICA (0.50	
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
Fuhs, 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 F.	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, F.	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
Rehboldt, 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	
Plagg, 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

BERMDDA	
Coull, Bruce C.	2
CANADA, EASTERN	
Anthony, Vaughn C.	
Foerster, John W.	1
Sissenwine, Michael P.	
Teal, John M.	2
Tiffney, Jr., Wesley N.	
CANADA, WESTERN	
Allan, J. David	2
CENTRAL AMERICA	
Birdsong, Ray S.	
Frame, David W.	0.25
Little Jr., Frank J.	1
Porter, James W.	2
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
Biffar, 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 R.	9
Young, David K.	2
NORTH CENTRAL	
Allan, J. David	5
Anthony, Vaughn C.	1
Carriker, Melbourne R.	4
Goodyear, Richard H.	2
Ramby, 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.	6
Tiffney, Jr., Wesley N.	7
Wade, Richard A.	2
Wheeler, Ellsworth H.	8
Winn, Howard E.	12
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.	25

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

MARINE BIOLOGY	
PACIFIC STATES	
Cunningham, Denis	
Damkaer, 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, F.	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 R.	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
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
Coll, 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
MIDDLE ATLANTIC	
Menyhert, William R.	15
NORTHEAST	
Menyhert, William R.	2

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	37
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
Slocomb, John P.	0.5
Staley, Thomas E.	2
Stern, Arthur M.	19
Trautenberg, Gerald A.	14
Walton, Robert B.	24
Willetts, 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
Huck, John D.	10
Cardenas, Raul P., Jr.	12
Cassin, Joseph M.	15
Davey, Charles B.	1
Dudzinski, Diane M.	26
Ehrlich, Henry L.	21
Foerster, John W.	4
Gold, Kenneth	10
Hall, William E.	24
Heywood, 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
Pore, 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 R.	1
EUROPE, WESTERN	
Wagner, Richard R.	5
MIDDLE ATLANTIC	
Wagner, Richard H.	6
ROCKY MOUNTAIN	
Wagner, Richard R.	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
Patereson, Robert A.	16
Shearer, Carol A.	10
NORTH CENTRAL	
Batra, Suzanne W.T.	7
Patereson, Robert A.	4
NORTHEAST	
Baniecki, John P.	4
Batra, Suzanne W.T.	1
PACIFIC STATES	
Maas, John L.	6
Patereson, 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 R.	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, Podger 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
Dankaer, David M.	7
Eisler, Ronald	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.	
Storms, 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
Yentsch, 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
Hartwell, 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.	19
Natarajan, K.V.	2
Nixon, Scott W.	4
Pilson, Michael E.®.	6
Polgar, Tibor T.	7
Posmentier, Eric S.	9
Ring, Paul D.	4
Roche, Michael B.	5
Saila, Saul B.	12
Sissenwine, Michael P.	3
Tietjen, John H.	6
Wallace, Jr., Gordon T.	3
Wheeler, Ellsworth H.	8
Yentsch, Charles S.	14

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

YEARS IN REGION

OCEANOGRAPHY	
NORTHEAST	
Yentsch, Clarice M.	2
Zubkoff, Paul L.	4
PACIFIC STATES	
Adams, Donald D.	3
Aron, 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.ø.	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.	4
SOUTHWEST	
Larson, Richard A.	2
MIDDLE ATLANTIC	
Cramer, Richard D.	3
NORTHEAST	
Cramer, Richard D.	6
ORGANIC GEOCHEMISTRY	
ATLANTIC OCEAN	
Farrington, John W.	
MIDDLE ATLANTIC	
Farrington, John W.	
NORTHEAST	
Farrington, John W.	5
ORNITHOLOGY	
MIDDLE ATLANTIC	
Ghiselin, Jon B.	5
AFRICA	
Foley, Donald D.	1
Ghiselin, Jon B.	1
Hubbard, John P.	less than 1
Snelling, 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 R.	
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	
Blen, 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 R.	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 R.	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 R.	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 R.	4
Rongiorno, 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	
Recht, 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	
Hecht, 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	
Boddicker, 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	
Boddicker, 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	
Boddicker, 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, Fadhil 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, Fadhil 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, Fadhil 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 R.	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 M., 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, H.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 H.	7
Willcox, Henry H., III	
OCEANS	
Kelly, Mahlon G.	
PACIFIC ISLANDS	
Connell, Walter A.	2
PACIFIC STATES	
Kelley, Roger W., Jr.	0.5
LeHaron, 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	
SOUTHEAST	
O'Briant, Samuel F.	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, F. Ratvey	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 P.	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
Rorst, G. Roy	5
Keefe, Scott D.	3
Kelly, Mahlon G.	2
Lynch, Maurice P.	15
Morgan, 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 P.	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
Renshaw, 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 F.	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 R.	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.	
Raug, Peter T.	1
Hutnik, Russell J.	16
Jenkins, Dale W.	18

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
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.	8
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
Poerster, 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 C.	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.	4
Peet, Robert K.	1
Ring, Paul D.	4
Ritchie, Gary A.	2
Rohde, Wayne G.	
Satterwhite, Melvin B.	2
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.	12
Swan, Frederick R., Jr.	3
Tiffney, Jr., Wesley N.	7
Villamil, Richard J.	4
Ventsch, Charles S.	14

TABLE 5 - COMPETENCE
 (BY GEOGRAPHIC FAMILIARITY)

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
PUEBLO RICO	
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
Johnsior, Andrew L.	3
Kessell, Stephen R.	0.5
Lemmon, Paul E.	1
Peet, Robert K.	0.5
Rohde, Wayne G.	0.5
Smith, Dwight G.	4
Strain, Boyd R.	1
Tiffney, Jr., Wesley N.	
SOUTH AMERICA	
Foerster, John W.	0.5
Forman, Richard T.T.	0.5
Goodland, Robert J.	5
Jenkins, Dale W.	2
Wheeler, Garland L.	2
SOUTH CENTRAL	
Kutscheid, Ben B.	3
Lemmon, Paul E.	3
Parks, John M.	3
SOUTHEAST	
Adams, David A.	19
Brown, James R. Jr.	2
DuMont, 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.	3
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	
Foerster, John W.	2
Halvorson, William L.	3
Johnson, Andrew L.	1
Lemmon, Paul E.	1
Nickerson, Norton R.	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	
Welch, Ross M.	2
PACIFIC STATES	
Welch, Ross M.	5
PLANT MORPHOLOGY	
MIDDLE ATLANTIC	
Duffy, Regina M.	25
NORTHEAST	
Duffy, Regina M.	7
PLANT PHYTOGENESIS	
NORTHEAST	
Osborne, 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
Skoog, Ronald O.	3
ALASKA	
Anthony, Vaughn C.	0.5
Drury, William R.	1
Jeffers, Edmund E.	1
Skoog, 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 R.	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
Foerster, 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
Foerster, 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 B.	7
Schnell, Charles E.	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

POPULATION BIOLOGY	YEARS IN REGION
NORTHEAST	
Sissenwine, Michael P.	3
Smith, Dwight G.	3
Starn, Robert R.	2
Tamarin, Robert H.	3
PACIFIC	
Schnell, Charles E.	1
PACIFIC STATES	
Anthony, Vaughn C.	2.5
Cairns, Jr., John	0.75
Cunningham, Denis	
Binckley, Alden D.	1
Jeffers, Edmund E.	1.5
Kaczynski, Victor W.	3
Peterson, Charles R.	4
Root, Richard B.	6
Skoog, Ronald O.	10
ROCKY MOUNTAIN	
Allan, J. David	0.5
Hatra, Suzanne W.T.	0.5
Hecht, Max K.	1
Jeffers, Edmund E.	17
Smith, Dwight G.	4
SOUTH AMERICA	
Cairns, Jr., John	0.25
Poerster, John W.	0.5
Porter, James W.	1
Root, Richard B.	1
SOUTH CENTRAL	
Adams, William R.	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 R.	2
Welch, Bruce L.	10
SOUTHWEST	
Poerster, 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
WORTH 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 R.	3
CANADA, WESTERN	
Sparrow, Arnold R.	3
EUROPE, WESTERN	
Sparrow, Arnold R.	1
NORTHEAST	
Osborne, Thomas S.	3
Sparrow, Arnold R.	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	
Poster, 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	
Foster, 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	
Foster, Neal R.	1
SOUTH CENTRAL	
Cooper, William E., Jr.	5
Hall, Russell J.	3
SOUTHEAST	
Cooper, William E., Jr.	1
Foster, 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, R.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
Ranawalt, Ronald B.	7
Winish, 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.	16
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
Tuthill, 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, F. Harvey	1
Stern, William L.	0.5
EUROPE, EASTERN	
Schreck, Carl B.	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.	
Banks, 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 B.	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
Dalglish, Robert C.	10
Davis, George M.	18
Dillingham, James H.	7
Foerster, John W.	4
Poster, Neal R.	3
Hall, William P.	13
Huber, Ivan	5
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, P. 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
Rates, 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, P. 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
Biffar, 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 R.	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 R.	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, P. 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
Recht, 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 P.	5
Dooley, James K.	3
Poerster, John W.	4
Goodyear, Richard H.	5
Recht, 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
Poster, 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, P. 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, P. 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	
Foerster, 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
Foerster, John W.	2
Hall, William P.	1
Hubbard, John P.	1
Jeffers, Edmund E.	2.5
Little, Elbert L., Jr.	8
Massaro, Edward J.	7
McCoy, Clarence J.	3
Pough, 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, Raul	
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 H.	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 H.	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
Hornberger, George M.	2
Hughes, Kent R.	6
Kelley, Roger W., Jr.	0.5
Magorian, Thomas R.	3
McGuinness, William V.	1
Nelson, Charles W.	10
Nyquist, David	2
Riley, David P.	4
Sjolseth, Danny E.	4
Westfield, James D.	2
Wikstrom, Leonard L.	6
ROCKY MOUNTAIN	
Brown, James R. Jr.	1
Magorian, Thomas R.	3
McGuinness, William V.	3
Nyquist, David	4
Riley, David P.	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 O.	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 P.	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 P.	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	
Supple, William S.	3
SOUTHEAST	
Supple, 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
Skoog, Ronald O.	3
ALASKA	
Roddicker, Major L.	0.75
Coggeshall, Dale T.	0.25
Nyquist, David	3
Patrick, David K.	
Skoog, 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
Skoog, Ronald O.	1
Tibbs, Arthur L.	2
MICRONESIA	
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
Skoog, Ronald O.	2
Smith, Robert L.	21
Spaulding, Willard M., Jr.	4
Stephenson, Don W.	3
Taylor, Warren B.	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, Erich H.	7
Forbes, James E.	3
Fuchs, Everett H.	5
Ghiselin, Jon B.	8
Giles, Robert H., Jr.	3
Hayne, Don W.	28
Jones, Walter A.	4
Linduska, Joseph P.	4
Louder, Darrell E.	1
Mautz, William W.	4
Nelson, Charles W.	2
Progulske, 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
Cooperrider, Allen Y.	3
Ferrigno, Fred	20
Poley, 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
LaBastille, 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
Progulske, 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, Josph 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
Olendorff, 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)

	YEARS IN REGION
WILDLIFE MANAGEMENT	
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 B.	16
SOUTH PACIFIC	
Skoog, Ronald O.	1
SOUTHEAST	
Almand, James D.	6
Andrews, Ralph	3
Banks, Roger L.	2
Cherry, Solomon T. Jr.	10
Damalas, Andinos P.	19
Ghiselin, Jon B.	1
Harlow, Richard P.	14
Hayne, Don W.	10
Kelley, Roger W., Jr.	1
Larson, Joseph S.	3
Linduska, Joseph P.	3
Louder, Datrell E.	15
Mason, Robert E.	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
EDROPE, WESTERN	
Alperin, Richard J.	0.1
MIDDLE ATLANTIC	
Alperin, Richard J.	10
NORTHEAST	
Alperin, Richard J.	0.5

SECTION II

RESPONDENTS FROM OTHER NATIONS

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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; USDA; AEC; DOC; CC; COE; EPA; HEW; DSDI; NSF; 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, 605-688-6176
Entomology-Zoology; South Dakota State University; 1809 Derald Drive; Brookings 57006, DS

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.F., 1918, 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 (1);
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); Limnology (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)

<10>
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(S,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, 021-23-3101
Lab D'Hydrobiologie; Fed. Inst. Water Resources (Zurich) EAWAG; Rue Cesar-Roux 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 (GENL); Watershed, forest, range; Water quality control; Lake Eutrophy

GEOGRAPHIC FAMILIARITY (YEARS): Middle Atlantic(4); 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,?

<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)

<p><20> Castellano, Eliseo, 1943, BSc, 1968, Biology Biology; Universidad De Los Andes, Merida, Merida, VE</p> <p>PRINCIPAL FIELD: Production Ecology</p> <p>COMPETENCE: Aquatic Ecology(2); Plant Ecology(1); Systematics(2)</p> <p>EXPERIENCE (AS EMPLOYEE): Local or regional planning group; South American</p> <p>EXPERIENCE (AS CONSULTANT): Local or regional planning; South American</p> <p>RESEARCH ACTIVITY ONE: Ecological Survey Tropical Mountains</p> <p>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)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Europe, western(1); South America(3,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,25; S,25</p>	<p><22> Choi, Chung-Il, 1940, MS, 1970, Oceanography, 902-424-3558 Institute of Oceanography; Dalhousie University; Oxford St.; Halifax, Nova Scotia, Canada</p> <p>PRINCIPAL FIELD: Phytoplankton production and non-living organic matter dynamics</p> <p>COMPETENCE: Respondent lists 16 or more scientific fields</p> <p>EXPERIENCE (AS EMPLOYEE): Canadian</p> <p>RESEARCH ACTIVITY ONE: Non-living organic matter dynamics in deep ocean</p> <p>RESEARCH ACTIVITY TWO: Ecological studies of inshore waters of Atlantic Canada</p> <p>RESEARCH ACTIVITY THREE: Phytoplankton production and extra-cellular release</p> <p>INTEREST IN WORKING WITH: International Organizations; U.S. Federal Government; Other Governments (882)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Asia(1); Canada, eastern(5,M)</p>
<p><21> Chevalier, John R., 1947, MS, 1971, Fisheries, 807-223-2341 Ministry of Natural Resources; Box 640; Dryden, Ontario, Canada</p> <p>PRINCIPAL FIELD: Fishery Population Parameters and Community Relationships</p> <p>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)</p> <p>EXPERIENCE (AS EMPLOYEE): Canadian</p> <p>EXPERIENCE (AS CONSULTANT): Manufacturing; Canadian</p> <p>RESEARCH ACTIVITY ONE: Fisheries biologist</p> <p>RESEARCH ACTIVITY TWO: Aquatic biologist</p> <p>INTEREST IN WORKING WITH: Private Sector; Local Government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments (752)</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): North Central(1); Northeast(2); Canada, western(1,M)</p> <p>AVAILABILITY (DAYS PER MONTH): A,1; S,1</p>	<p><23> Chorney, Peter, Jr., 1946, BS, 1972, Fisheries US Peace Corps; Philippines Fisheries Commission; Lucap Alaminos, Philippines</p> <p>PRINCIPAL FIELD: Culture of Fish in Brackish and Freshwater Ponds</p> <p>COMPETENCE: Aquatic Ecology(3); Fishery Biology(2)</p> <p>EXPERIENCE (AS EMPLOYEE): Asian; Peace Corps</p> <p>EXPERIENCE (AS CONSULTANT): Asian</p> <p>RESEARCH ACTIVITY ONE: Improved method of milkfish culture</p> <p>INTEREST IN WORKING WITH: Private Sector; State government; Conservation or Scientific Group; International Organizations; U.S. Federal Government; Other Governments; Asian (3512)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Asia(0.5,M)</p>

<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; NSF; 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, 510-824-0120
Crop Science; University of Guelph; Guelph;
Ontario N1G 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)

<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

PRINCIPAL FIELD: Soil genesis, classification,
 survey

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

EXPERIENCE (AS EMPLOYER): State government;
 Canadian

EXPERIENCE (AS CONSULTANT): County or city
 government

RESEARCH ACTIVITY ONE: Soil and land
 classification of Waterton Lakes National Park

INTEREST IN WORKING WITH: Private Sector; Local
 Government; Conservation or Scientific Group;
 International Organizations; U.S. Federal
 Government; Other Governments (890)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast(4);
 Canada, western(5,M)

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

<28>
 Colby, Peter J., 1933, PhD, 1966, Fisheries
 Biology, 807-767-3912
 Fish & Wildlife Research; Ministry of Natural
 Resources; Box 89; Thunder Bay P, Ontario,
 Canada

PRINCIPAL FIELD: Response of fish and fish
 communities to environmental stress

COMPETENCE: Aquatic Ecology(1); Fishery
 Biology(3); Environmental Pollution(2);
 Limnology(1); Physiology(1); Population
 Biology(1); Reproductive Biology(1)

EXPERIENCE (AS EMPLOYER): Environmental
 Protection Agency

RESEARCH ACTIVITY ONE: Response of alewives to
 environmental stress

RESEARCH ACTIVITY TWO: Effect of temperature on
 survival and development of cisco

RESEARCH ACTIVITY THREE: Survival of walleyes on
 wood fiber sludge deposits

INTEREST IN WORKING WITH: Utility; State
 government; The Institute of Ecology(TIE);
 The National Academy of Sciences; United
 Nations; University of Michigan; U.S. Federal
 Government; Canadian; European, western (403)

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

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(17,M); Canada, eastern(1.5)

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

<29>
 Colby, Peter J., 1933, PhD, 1966, Fisheries
 Biology, 807-767-3912
 Fish & Wildlife Research; Ministry of Natural
 Resources; Box 89; Thunder Bay P; Ontario,
 Canada

PRINCIPAL FIELD: Response of fish and fish
 communities to environmental stress

COMPETENCE: Aquatic Ecology(1); Fishery
 Biology(3); Environmental Pollution(2)

EXPERIENCE (AS EMPLOYER): AEC; EPA

RESEARCH ACTIVITY ONE: Response of alewives to
 environmental stress

RESEARCH ACTIVITY TWO: Effect of temperature of
 survival and development of Cisco

RESEARCH ACTIVITY THREE: Survival of walleye on
 wood fiber sludge deposits

INTEREST IN WORKING WITH: Utility; Local or
 regional planning group; The Institute of
 Ecology(TIE); The Nat'l Academy of Sciences
 TNRC; United Nations; U.S. Federal
 Government; Canadian; European, western (337)

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

GEOGRAPHIC FAMILIARITY (YEARS): North
 Central(17,M); Canada, eastern(1.5)

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

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<30>
 Coleman, Derek J., 1944, PhD, 1973, Planning,
 519-744-2401
 General Manager; Ecologistics Limited; RR4;
 Kitchener, Ontario N2G3N7, 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 (438)

IMPACT ASSESSMENT EXPERIENCE: Agriculture;
 Forestry; Highways; Parks, recreational
 facilities; Soil erosion; Water Resource
 Development(9enl); Watershed, forest, range;
 Fish & Wildlife conservation; Urban
 Development

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
 eastern(6,M)

AVAILABILITY (DAYS PER MONTH): A,30

<31>
 Cyr, Andre, 1949, BS, 1972, Biology, 514-733-5904
 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 Short-
 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 (285)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
 eastern(1,M)

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(TIE); The Nat'l Academy of Sciences;
 United Nations; USDA; AEC; COE; DOD; EPA;
 HEW; NSF; OST; Asian; African; Canadian;
 European, eastern; European, western (2344)

IMPACT ASSESSMENT EXPERIENCE: Pesticides,
 herbicides; Irrigation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
 eastern(3,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

- <33>
Das, Asim P., 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 CRACA
- 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; USDI
- 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 Oline 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 Porillon 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,7; S,31

<38>

Dorney, Robert S., 1928, PhD, 1959, 519-744-6629
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,7; 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, pedology of</p> <p>COMPETENCE: Biochemistry(3); Biostatistics(3); Forestry(2); Plant Ecology(1); Soil Science(3); Systematics(3); Taxonomy(2)</p> <p>EXPERIENCE (AS CONSULTANT): State government; DSDI</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 COPEINA 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 R., 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 Bionomics</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,S); Canada, eastern(14.5,M); Canada, western(5)</p> <p>AVAILABILITY (DAYS PER MONTH): A,21; S,21</p>

<43>

TABLE 1 - RESPOKIDENTS
(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 Rodent Ctr.; USDI/USAID Denver
Wildlife Res. Ctr.; USAID/Philippines; APO
San Francisco 9652R, 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: PMC 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; OECD; 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; USDA; 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)

<50>

Poster, 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)

<51>

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 INRC; NSF; 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

<52>

Gallup, Donald N., 1931, PhD, 1969, Limnology,
403-432-5446
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 (1347)

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (6);
Canada, western (4,M)

<53>

Goodwin, Harry A., 1915, MS, 1942, Zoology
Research and Planning; International Union
for Conservation of Nature; rue des Utains
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 (3);
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., 1918, PhD, 1952, Plant Physiology
Agr. Research; Hawaiian Agronomics Co. Intl.;
P.O. ox 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 (2); 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, spolls 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, spolls disposal; Water Resource Development (Genl); Dredging, filling; Beach nourishment

GEOGRAPHIC FAMILIARITY (YEARS): Northeast (3); Middle Atlantic (4); US Virgin Islands (3)

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 (6,M); Canada, northern (.5); Europe, western (16); NS/Australia (1)

AVAILABILITY (DAYS PER MONTH): S,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; CO2;
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; USBA

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,D

<62>

Hiroyuki, Masatomi, 1932, DSc, 1964, Avian Ecology
Bibai Agricult. Engineer. College; Koshunai;
Bibai; 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
Pabasca 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 (714)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western(24,M); Canada, northern(1,M)

AVAILABILITY (DAYS PER MONTH): A & S on
Sabbatical leave July '73 - July '74

<65>

Hooper, Ruth 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; FEW; USDI; NSF; OST; African;
Central American; European, western; South
American (584)

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 agmt.; 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 (266)

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., 1916, 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 viqil

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

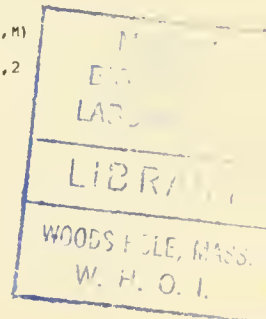
RESEARCH ACTIVITY TWO: A preliminary survey of
the plant communities of Little Grindstone
Point

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(Genl)

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; REC; DOC; CC; COR; OOD; EPA; USDI; NSF; OST; AIO; Asian; African; Central American; Canadian; European, eastern; European, western; South American; University (1307)

IMPACT ASSESSMENT EXPERIENCE: Agriculture; Forestry; Soil erosion; Water Resource Development(GPNL); 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,?; S,?

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 (1); 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; U.S. Federal Government; OOD;
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 P3G 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 (3)

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; NSP; OST; AID; Other
Governments (37)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Highways; Pesticides,
herbicides; Water Resource Development(6en1);
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; #B Temp. Bldg. Carling Ave.;
Ottawa, K1A-0F7, 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 K1A0N8, 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: Ephemeroptera 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 Viikki; SF-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(Genl); 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;
3030 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;
redging, filling

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States (8); Central America (0.5); Canada,
western (7, M); South America (0.5);
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, 303-491-6930
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 F., 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; COE; EPA; 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,
403-437-5499
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;
TIF; The Nat'l Academy of Sciences INEC;
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. Rd. 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 Kelo
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(11)

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 mites 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, CN
 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 coeity; United Nations; IUCN; USDC; NSF; 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>
 Oloffe, 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
Martingrove 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, DSc, 1965, Rotary
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; NSP; 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; NSP; OST; ATD; 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(9,M); South America(0.5);
Australia(7,)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<105>

Owen, Michael D., 1940, PhD, 1959, Zoology,
519-679-3150
Zoology; University of Western Ontario;
Richmond Street; London, Ontario R6A3K7,
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 L., 1942, BS, 1969, Wildlife,
702-754-6698
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,?

<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; COE;
EPA; HEW; USDI; NSP; 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 R., 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;
COE; EPA; USDI; MSP; OST; AID; Central
American; Canadian; South American (255)

IMPACT ASSESSMENT EXPERIENCE: Energy
conversion/production; Exotic species

GEOGRAPHIC FAMILIARITY (YEARS): North
Central(2,M); South America(0.5,M)

AVAILABILITY (DAYS PER MONTH): A,24; S,24

<109>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<109>

Parkhurst, David P., 1942, PhD, 1970, Botany
Mt. Mel. Section; CSIRO Atm. Phys. Divn.;
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 (3651)

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 (1993)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
western(3); Canada, northern(9,M); Europe,
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>

Prister, 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, ?; 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,
313-798-1192
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; USDI;
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, 819-326-3559
Timmerlinn Woodland Services; R.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 (283)

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)-072 857 444
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 EMPLOYEE): 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-RC4-363D
Spirit River Secondary School; P.O. Box 99;
Spirit River; R0H3G0, Alberta R0H3G0, 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 10D9; 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 (553)

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(2,M)

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

<120>

Reid, David M., 1940, PhD, 1967, Plant
Physiology, 407-284-6130
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
6070; 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(9,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>
Risk, 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
suqosity and species diversity

RESEARCH ACTIVITY TWO: Silurian echiuroid 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 (1028)

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
TNRC; International organizations; United
Nations; World Bank; IDCN; U.S. Federal
Government; USDA; AEC; USDC; CC; COE; DOD;
EPA; HEW; HUD; USOI; 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
Univeristy 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; HEW; 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,3

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<128>
Sachithanathan, Kanapathipiccal, 1941, MS, 1966,
Zoology, Columbo-27431
Dept. of Fisheries; Fisheries Research
Station; P.O. Box 531, Columbo 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

<130>
Salh, 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(3); 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, 506-455-6621
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(TIP); 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>

Schori, 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(TIP); International
Organizations; USDA; COE; EPA; HUD; USDI;
NSP; OST; AID; DOT; Other Governments (1746)

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 E., 1942, PhD, 1969,
Wildlife Ecology, 403-488-8377
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; IUCN; U.S. Federal
Government; USDI; NSP; Other Governments;
Canadian (2417)

IMPACT ASSESSMENT EXPERIENCE: Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Southwest(2,M);
Middle Atlantic(2); Canada, northern(2,M)

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<135>
Seba, Douglas B., 1941, PhD, 1969, Oceanography, 303-230-4661
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 (YEARS): 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; PPA; 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; NSP; 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 R., 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
(3099)

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 S7N0W0, 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 (1694)

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(M); Rocky Mountain(14,M); Canada,
western(1,M)

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

<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, 204-474-8791 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> Stocek, 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><144> Stibick, Jeffrey N.L., 1940, PhD, 1967, Entomology-4121 Pxt. 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: Blateridae</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>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><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; Civic action group; Conservation group</p> <p>RESEARCH ACTIVITY ONE: Nanagan Water Resource Management Study</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 (1357)</p> <p>IMPACT ASSESSMENT EXPERIENCE: Tailings, spoils disposal; Water Resource Development(weal); Reservoirs/Dams; Hydroelectric power; Water quality control; Fish & Wildlife conservation</p> <p>GEOGRAPHIC FAMILIARITY (YEARS): Pacific States(5,M); North Central(2); Canada, western(1,M); Canada, northern(3,M); England(1)</p> <p>AVAILABILITY (DAYS PER MONTH): A,5; S,10</p>

<147>

TABLE 1 - RESPONDENTS
(ALPHABETICAL LISTING)

<147>

Taylor, Nathaniel W., 1922, PhD, 1958,
Mathematics, 067-722911
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(1); 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 (3591)

IMPACT ASSESSMENT EXPERIENCE: Highways; Water
Resource Development/GENL; Reservoirs/Dams
Shoreline protection; Fish & Wildlife
conservation

GEOGRAPHIC FAMILIARITY (YEARS): Canada,
eastern(2); Canada, western(4,4); Canada,
northern(0.5)

<149>

Thum, Alan R., 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(1);
Oceanography(3); Physiology(3); Population
Biology(2); Reproductive Biology(1);
Systematics(3)

RESEARCH ACTIVITY ONE: Reproductive ecology of an
estuarine acceel

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; EPA; FEMA; NSF; Other
Governments (3649)

IMPACT ASSESSMENT EXPERIENCE: Dredging, filling,
Beach nourishment

GEOGRAPHIC FAMILIARITY (YEARS): Pacific
States(7,4); 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; DOD; 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(13,4);
South America(12,4)

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(2); 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 H., 1944, PhD, 1970, Bryology,
403-432-552
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 Sparganotnis 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, 514-453-6580
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,8; 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 (3)

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>

Wickstron, 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 (1); 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 P., 1923, PhD, 1960, Entomology,
403-435-7210
Northern Forest Research Centre; Canadian
Forestry Service; 5220-122 Street; Edmonton,
Alberta T6H3S5, 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: Dioryctria in gall nest

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(25,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 S0A 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; TIE; 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(6,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 R.
Christie, Bertram R.
Fanning, Leonard M.
Hodges, John
Karkanis, Panayoti G.
Mayer, Daniel F.
Zilke, Samuel

COSTA RICA
Kidder, Gerald

GUATEMALA
Walker, James L.

IRAN
Gowing, Donald P.

PAKISTAN
Chowdhry, Inayat U.

US
Balsbaugh, Jr., Edward U.
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.
Roberge, Marcien R.

DS
Balsbaugh, Jr., Edward U.
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.
Parsons, Timothy Richard

ITALY
Idyll, Clarence P.

MEXICO
Flourie, Eric J.

SOUTH AFRICA
Thum, Alan B.

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 LOCATION)

COASTAL, MARSHLAND	
US	Seba, Douglas B.
DESERT	
CANADA	Fanning, Leonard M. Rettinger, Loren R. Karkanis, Panayoti G. Oechel, Walter C.
PAKISTAN	Chowdhry, Inayat U.
US	Wadsworth, Carl E.
ENERGY FLOWS	
AUSTRALIA	Ovington, John D. Parkhurst, David F.
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	McCarragher, Donald B. Potter, Michael A.
BRAZIL	Davis, Stuart G.
CANADA	Chevalier, John R. Fry, Frederick, EJ Robertson, Michael R. Stephansson, Stephan E. Stocek, Rudolph F. Thompson, Gerald E.
CEYLON	Sachithanathan, Kanapathipiccal
COLOMBIA	Parkhurst, Benjamin R.
INDIA	Das, Asim R.
ITALY	Idyll, Clarence P.
PHILIPPINES	Miller, James
SWITZERLAND	Boyd, John C. Goodwin, Rarry 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 Rettinger, 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, Barry A.

US

Silker, Ted H.

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, Barry 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.
Weich, Harold E.

COLOMBIA

Parkhurst, Benjamin R.

FINLAND

Lehmusluoto, Pasi O.
Lehmusluoto, Pasi O.

SWITZERLAND

Boyd, John C.
Goodwin, Barry 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, Rarry A.

GRASSLAND

AUSTRALIA
Barrett, Reginald H.
CANADA
Hooper, Ruth L.
Schori, Anton
Slinkard, Alfred E.
Boughton, Glenn R.
Fanning, Leonard M.
Hodges, John
Parker, Thomas L.
Zilke, Samuel
SWITZERLAND
Goodwin, Rarry A.
US
Balsbaugh, Jr., Edward U.
Silker, Ted R.

HEATH LAND

ENGLAND
Armstrong, Patrick H.

INLAND MINERAL WATERS

AUSTRALIA
McCarraher, Donald B.

ISLAND

CANADA
Poster, Bristol

LAND USE DESIGN

CANADA
Coleman, Derek J.
Dorney, Robert S.
Fanning, 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 R.

LAND POLLUTION

CANADA
Schori, Anton
Bates, Thomas B.
Dorney, Robert S.
Fanning, 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 R.

MARINE, CONTINENTAL SHELF

AUSTRALIA
Potter, Michael A.

CANADA
Ellis, Derek V.
Fanning, Leonard M.
Littlepage, Jack L.
Miller, Robert J.
Parsons, Timothy Richard

CEYLON

Sachithanathan, Kanapathipiccal

US
Seba, Douglas B.

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	
	Haines, Kenneth C.
	Seba, Douglas B.
MARINE, INTERTIDAL	
CANADA	
	Davies, Gordon S.
	Hancock, David A.
	Lee, Robert K.
	Risk, Michael J.
ITALY	
	Idyll, Clarence P.
	Canzonier, 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, Sentiell A.
US	
	Seba, Douglas B.
MAXIMIZING STABLE YIELDS	
AUSTRALIA	
	Barrett, Reginald R.
	Ovington, John D.
CANADA	
	Benson, Crandall A.
	Fanning, Leonard H.
	Robertson, Michael R.
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.
	Salonius, 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, Horne R.

TABLE 2 - COMPETENCE IN ECOSYSTEM MANAGEMENT
(BY RESPONDENT'S LOCATION)

NEW SPECIES INTRODUCTION	
US	Balsbargh, Jr., Edward D. Miskimen, George W. Pinkowski, Benedict C. Silker, Ted H.
NOISE POLLUTION	
CANADA	Fanning, Leonard M.
OIL POLLUTION	
CANADA	Bliss, Lawrence C. Colby, Peter J. Colby, Peter J. Fanning, Leonard M. Hancock, David A.
POPULATION DYNAMICS	
AUSTRALIA	Barrett, Reginald H. Heinsohn, 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 R. Sherman, Daryl K. Trevor-Deutsch, Burleigh Zilke, Samuel
INDONESIA	
	Vanpeenen, Peter F
ITALY	
	Idyll, Clarence P.
SWEDEN	
	Ulfstrand, Staffan
SWITZERLAND	
	Daswam, 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, Pasi O.
VENEZUELA	
	Castellano, Eliseo
US	
	Silker, Ted H.
PROGRAMMING	
AUSTRALIA	Parkhurst, David F.

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.
Ostrofsky, Milton L.
Parker, Thomas L.

RIVERS
CANADA
Robertson, Michael R.
SWEDEN
Olfstrand, Staffan
SWITZERLAND
Goodwin, Harry A.

SAVANNAH
AUSTRALIA
Reinsohn, George E.
CANADA
Fanning, Leonard M.
Karkanis, Panayoti G.
SWITZERLAND
Goodwin, Harry A.
US
Silker, Ted H.

SMALL FRESHWATER BODIES
CANADA
Laird, Marshall

THERMAL EFFLUENT
CANADA
Gallup, Donald N.

THERMAL POLLUTION
CANADA
Fry, Frederick, EJ
Lehkuhl, Dennis M.
US
Wickstrom, Conrad E.
CANADA
McCauley, Robert W.

TROPICAL
AUSTRALIA
Reinsohn, 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)

TUNDRA
CANADA
Banfield, Alexander W.P.
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
Lehmusnoto, Pasi O.

SWITZERLAND
Boyd, John C.

US
Graf, Donald P.

WATER, MARINE POLLUTION
CANADA
Ellis, Derek V.
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.
Helmschn, George E.

AUSTRIA
Krott, Peter

CANADA
Banfield, Alexander W.P.
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 F.

INDONESIA

Vanpeenen, Peter F.

PAKISTAN

Chowdhry, Inayat D.

SWITZERLAND

Dasmann, Raymond F.
Goodwin, Harry A.

US

Page, Jerry L.
Perez, Gerald S.A.
Pinkowski, Benedict C.

SECTION II

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TABLE 3 - RESEARCH OR CONSULTATION EXPERIENCE AND PRINCIPLE FIELD

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ERICAL AND SPORT FISHERIES MANAGEMENT AND ADMINISTRATIC			DEVELOPMENT OF WALLEYE NATURAL REARING AREAS LAK			66
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SECTION II

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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 R.
 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 P.
 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 FAUNA CONSERVATION
 CANADA
 Trevor-Deutsch, Burleigh

CHANNELIZATION
 CANADA
 Howard, William N.
 Karkanis, Panayoti G.
 Pollock, William Stewart
 ITALY
 Canzonier, Walter J.
 US
 Graf, Donald P.
 Seba, Douglas B.
 McNeely, Cyrus M.

COASTAL PROTECTION/JETTIES
 CANADA
 La Roche, Gilles
 CEYLON
 Sachithananthan, Kanapathipiccal
 US
 Seba, Douglas B.
 McNeely, Cyrus M.

DEE WELL DISPOSAL
 CANADA
 Lawson, Dennis W.

DREDGING, FILLING
 CANADA
 Fanning, Leonard M.
 Howard, William N.
 La Roche, 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 F.
 US
 Graf, Donald P.
 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 R.
 COLOMBIA
 Parkhurst, Benjamin R.

EXOTIC SPECIES
 COLOMBIA
 Parkhurst, Benjamin R.

FISH & WILDLIFE CONSERVATION
 AUSTRALIA
 Barrett, Reginald H.
 Heinsohn, 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 - IMPACT ASSESSMENT EXPERIENCE
(BY RESPONDENT'S LOCATION)

FISH & WILDLIFE CONSERVATION
CANADA
Coleman, Derek J.
Duffey, Robert R.
Ellis, Derek V.
Fanning, Leonard E.
Foster, Bristol
Fry, Frederick, PJ
Hettinger, Loren F.
Hohn, Otto E.
Howard, William W.
Kucera, Paul
La Poche, Gilles
Lynch, Gerry M.
Ostrofsky, Milton L.
Pearson, Arthur F.
Pollock, William Stewart
Risk, Michael J.
Robertson, Michael R.
Schmidt, Christian H.G.
Schweinsburg, Raymond E.
Sherman, Daryl K.
Silco, Louis
Stocek, Rudolph P.
Stockner, John G.
Thompson, Gerald E.

INDIA
Kutty, Methil N.
Das, Asia R.

INDONESIA
Vanpeenen, Peter P.

ITALY
Idyll, Clarence P.
Canzonier, Walter J.

PAKISTAN
Chowdhry, Inayat U.

PHILIPPINES
Chorney, Peter, Jr.

SWEDEN
Ulfstrand, Staffan

SWITZERLAND
Dasmann, Raymond P.
Goodwin, Harry A.

DS
Graf, Donald P.
Page, Jerry L.
Perez, Gerald S.A.
Wadsworth, Carl E.

W. CAROLINE IS.
Basse, 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 B.
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, Rorne P.

COSTA RICA

Tosi, Joseph A Jr.

ENGLAND

Armstrong, Patrick H.

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

Elfstrand, Staffan

SWITZERLAND

Goodwin, Harry A.

US

McNeely, Cyrus M.

CANADA

McCauley, Robert W.

IRRIGATION

CANADA

Poscolos, Anthony P.
Karkasis, 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 M.

NAVIGATION

CANADA

Fanning, Leonard H.

SWITZERLAND

Goodwin, Harry A.

US

McNeely, Cyrus M.

PARK, RECREATIONAL FACILITIES

CANADA

Pcster, Bristol

TABLE 3 - 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.
Desgranges, Jean-Luc
Dorney, Robert S.
Fischer, David W.
Rettinger, Loren R.
Johnson, Karen L.
Kucera, Emil
Lynch, Gerry M.
Meredith, Don H.
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
Simmons, Frederick J.

US
Graf, Donald F.
Wadsworth, Carl E.

PESTICIDES, HERBICIDES

AUSTRIA
Butt, Billy A.

AUSTRALIA
Osborn, Andrew W.

CANADA
Eidt, Douglas C.
Hooper, Ruth 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 R.L.

PHILIPPINES
Fall, Michael W.

SWEDEN
Ulfstrand, Staffan

TONGA, SOUTH PACIFIC
Litsinger, James A.

TABLE 2 - 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..
 Lehakohl, Dennis M..
 Schmidt, Christian H.G.

JAPAN
 Sakai, Seiroku

SWITZERLAND
 Goodwin, Harry A.

US
 McNeely, Cyrus M.

RESERVOIRS/DAMS
 AUSTRALIA
 McCarragher, Donald B..
 Ovington, John D.

CANADA
 Banfield, Alexander W.F..
 Braveman, Norman S..
 Bliss, Lawrence C..
 Howard, William N..
 Lehakohl, Dennis M..
 Ostrofsky, Milton L..
 Parsons, Timothy Richard
 Pollock, William Stewart
 Robertson, Michael R..
 Schmidt, Christian H.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 P..
 McNeely, Cyrus M.

SHORELINE 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..
 Fanning, 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 LOCATICW)

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.

US

Graf, Donald F.

Haines, Keaneth 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 R.

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, Keaneth 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.
Poster, Bristol
Rettinger, Loren R.
Howard, William F.
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 D.

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 E.	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	
Bravegan, Norman S.	4
Dunham, David W.	6
EUROPE, WESTERN	
Dunham, David W.	2
HAWAII	
Dunham, David W.	
NORTH CENTRAL	
Bravegan, Norman S.	2
Pinkowski, Benedict C.	8
NORTHEAST	
Dunham, David W.	5
PACIFIC STATES	
Bravegan, 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	
Royd, John C.	1
ASIA	
Das, Asim R.	
Pall, 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.F.	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.F.	2
Poster, Bristol	1
Hancock, David A.	.5
Parker, Thomas L.	0.5
Pearson, Arthur M.	9
CANADA, WESTERN	
Banfield, Alexander W.F.	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	
Miskimen, 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
GDAM	
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	
Hoyd, John C.	0.5
Dorney, Robert S.	5
Miskimen, George W.	1
SOUTHEAST	
Dasmann, Raymond P.	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	
Panning, Leonard M.	1
CANADA, NORTHERN	
Panning, Leonard M.	1
Hancock, David A.	.5
CANADA, WESTERN	
Panning, 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	
Panning, 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
ARTROPOPOLOGY	
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
Lehkuhl, 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
Lehkuhl, 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.	8
Graf, Donald F.	2
Lehmkuhl, Dennis M.	2
Stockner, John G.	5
ROCKY MOUNTAIN	
Lehmkuhl, Dennis M.	2
SO. PACIFIC	
Hasse, John J.	1
SOUTH AMERICA	
Boyd, John C.	0.5
SOUTHEAST	
Weich, Harold E.	8
US VIRGIN ISLANDS	
Haines, Kenneth C.	3
AUSTERNARY 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	
Miskinen, George W.	1
NORTH CENTRAL	
Miskinen, George W.	2
PUERTO RICO	
Miskinen, George W.	11
SOUTH AMERICA	
Miskinen, 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
Fanning, Leonard M.	1
Owen, Michael D.	3
Simmonds, Frederick J.	5
Specht, Harold B.	22
CANADA, NORTHERN	
Fanning, Leonard M.	1
Lehmkuhl, Dennis M.	
Wong, Horne R.	2
CANADA, WESTERN	
Beirne, Bryan P.	6
Eidt, Douglas C.	5
Fanning, Leonard M.	3
Lehmkuhl, Dennis M.	4
Mayer, Daniel P.	1
Wong, Horne R.	25
CENTRAL AMERICA	
Miskimen, George W.	1
Simmonds, Frederick J.	20
EUROPE, EASTERN	
Butt, Billy A.	0.25
EUROPE, WESTERN	
Balsbaugh, Jr., Edward U.	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 U.	7
Litsinger, James A.	5
Miskimen, George W.	2
Specht, Harold B.	1
Stibick, Jeffrey W.L.	2
Wong, Horne R.	3
NORTHEAST	
Balsbaugh, Jr., Edward U.	5
Owen, Michael D.	2
Specht, Harold B.	2
PACIFIC	
Litsinger, James A.	2
Stibick, Jeffrey W.L.	3
PACIFIC STATES	
Butt, Billy A.	9
Lehmkuhl, Dennis M.	2
Simmonds, Frederick J.	.5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
ENTOMOLOGY	
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	
Rooper, Ruth L.	4
SOUTHEAST	
Balsbaugh, Jr., Edward D.	3
Miskimen, George W.	4
Stibick, Jeffrey N.L.	4
SOUTHWEST	
Butt, Billy A.	7
Rooper, Ruth L.	1
Mayer, Daniel F.	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 N.L.	2
PACIFIC	
Stibick, Jeffrey N.L.	3
SOUTHEAST	
Stibick, Jeffrey N.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
McCauley, 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
McCauley, 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
McCauley, 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	
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Fanning, Leonard M.	3
ROCKY MOUNTAIN	
Fanning, 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
Fanning, Leonard M.	1
Ovington, John D.	0.5
Pollock, William Stewart	10
CANADA, NORTHERN	
Benson, Crandall A.	3
Fanning, Leonard M.	1
Pollock, William Stewart	2
CANADA, WESTERN	
Benson, Crandall A.	1
Fanning, Leonard M.	3
CENTRAL AMERICA	
Ovington, John D.	0.5
Tosi, Joseph A Jr.	13
EUROPE, EASTERN	
Chowdhry, Inayat U.	
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	
Fanning, Leonard M.	1
SOUTH AMERICA	
Ovington, John D.	0.5
Tosi, Joseph A Jr.	12
GENETICS	
CANADA, EASTERN	
Christie, Bertram R.	13
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Fanning, Leonard M.	3
NORTH CENTRAL	
Christie, Bertram R.	3
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
HORTICULTURE	
CANADA, EASTERN	
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Fanning, Leonard M.	3
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
IMMUNOLOGY	
CANADA, EASTERN	
Fanning, Leonard M.	1
CANADA, NORTHERN	
Fanning, Leonard M.	1
CANADA, WESTERN	
Fanning, Leonard M.	3

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
IMMUNOLOGY	
ROCKY MOUNTAIN	
Fanning, Leonard W.	1
LAND USE ECOLOGY/HISTORY	
AFRICA	
Armstrong, Patrick H.	21
EUROPE, WESTERN	
Armstrong, Patrick R.	10
SOUTHWEST	
Armstrong, Patrick H.	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
Lehmannsnoto, 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 N.	11
CANADA, EASTERN	
Kutty, Methil N.	4
MARINE BIOLOGY	
AFRICA	
Thum, Alan B.	1
ANTARCTICA	
Littlepage, Jack L.	3
ASIA	
Choi, Chung-Il	1
Davis, Stuart G.	1
Sachithanathan, Kaaupathipiccal	9
AUSTRALIA	
Barnes, Richard S.K.	2
Potter, Michael A.	3
CANADA, EASTERN	
Choi, Chung-Il	5
Johansen, Patricia L.	2

TABLE 5 - CONFERENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
MARINE BIOLOGIST	
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.E.	5
Idyll, Clarence P.	1
HAWAII	
Johansen, Patricia L.	2
Lee, Robert K.	4
Sachithanathan, Kanapathipiccal	
MIDDLE ATLANTIC	
Haines, Kenneth C.	4
NORTHEAST	
Haines, Kenneth C.	3
Reiswig, Henry M.	6
PACIFIC ATOLLS	
Lee, Robert K.	0.3
PACIFIC ISLANDS	
Sachithanathan, Kanapathipiccal	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, Kanapathipiccal	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.	4
MICROBIOLOGY	
ASIA	
Canzonier, Walter J.	less than 1
CANADA, EASTERN	
Duffey, Robert R.	3
Fanning, Leonard H.	1
Johansen, Patricia L.	2
Roberge, Marcien R.	14
CANADA, NORTHERN	
Fanning, Leonard H.	1
CANADA, WESTERN	
Fanning, Leonard H.	3
EUROPE, WESTERN	
Canzonier, Walter J.	2
HAWAII	
Johansen, Patricia L.	2
NORTH CENTRAL	
Duffey, Robert R.	5
NORTHEAST	
Canzonier, Walter J.	11
PACIFIC STATES	
Sickstrom, Conrad E.	7
ROCKY MOUNTAIN	
Duffey, Robert R.	2
Fanning, Leonard H.	1
MYCOLOGY	
NORTHEAST	
Pfister, 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
Biroyuki, 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.	4
Dunham, David W.	2
Hancock, David A.	16
Ulfstrand, 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, Rudolph 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 P.	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
Fanning, Leonard M.	1
Laird, Marshall	10
Simmonds, Frederick J.	5
CANADA, NORTHERN	
Fanning, Leonard M.	1
Laird, Marshall	
Zilke, Samuel	6
CANADA, WESTERN	
Beirne, Bryan P.	6
Fanning, 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	
Fanning, 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	
Rohn, Otto E.	1
CANADA, WEASTERN	
Reid, David M.	5
CANADA, WESTERN	
Rohn, 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 P.	2
Ovington, John D.	1
ASIA	
Ovington, John D.	4
AUSTRALIA	
Ovington, John D.	7
Parkhurst, David P.	3
CANADA, EASTERN	
Auclair, Allan M.	4
Czuba, Margaret A.	3
Fanning, Leonard M.	1
Oechel, Walter C.	3
Ovington, John D.	0.5
CANADA, NORTHERN	
Bliss, Lawrence C.	
Fanning, Leonard M.	1
Zilke, Samuel	6
CANADA, WESTERN	
Bliss, Lawrence C.	5
Fanning, 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 M.	4
Bliss, Lawrence C.	9
Parkhurst, David P.	3.5
Zilke, Samuel	4
NORTHEAST	
Auclair, Allan M.	.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, Eliseo	3
Ovington, John D.	0.5
SOUTH CENTRAL	
Johnson, Karen L.	3
Silker, Ted R.	11
SOUTHEAST	
Dasmann, Raymond P.	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 H.	4
ROCKY MOUNTAIN	
Fanning, Leonard M.	1
SOUTH AMERICA	
Pfister, Donald H.	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 H.	1
PACIFIC STATES	
Barrett, Reginald H.	5
Page, Jerry L.	4
ROCKY MOUNTAIN	
Panning, Leonard M.	1
REPRODUCTIVE BIOLOGY	
AFRICA	
Thum, Alan B.	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
VenRuizen, 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
SOUTHWEST	
McParlane, Robert W.	12
SOIL SCIENCE	
AFRICA	
Bates, Thomas E.	5
AFRICA, NORTH AND CENTRAL	
Karkanis, Panayoti G.	8
CANADA, EASTERN	
Bates, Thomas E.	10
Panning, Leonard M.	1
Foscolos, Anthony E.	1
Salonius, Peter O.	6
Schori, 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
Foscolos, Anthony E.	5
Karkanis, Panayoti G.	2
Schori, 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	
Foscolos, Anthony E.	7
HAWAII	
Walker, James L.	5
MEXICO	
Kidder, Gerald	2
NORTH CENTRAL	
Bates, Thomas E.	3
Kidder, Gerald	3
Walker, James L.	2
Zilke, Samuel	4
NORTHEAST	
Coen, Gerald M.	4
Warkentin, Benno P.	4
PACIFIC STATES	
Bates, Thomas E.	3
Foscolos, Anthony E.	6
Warkentin, Benno P.	2

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

	YEARS IN REGION
SOIL SCIENCE	
ROCKY MOUNTAIN	
Fanning, Leonard H.	1
SOUTH CENTRAL	
Kidder, Gerald	3
Silker, Ted H.	11
SOUTHEAST	
Bates, Thomas E.	1
Schori, Anton	2
Silker, Ted H.	2
SOUTHWEST	
Bates, Thomas E.	1
SYSTEMATICS	
AFRICA	
Eidt, Douglas C.	1.5
ASIA	
Sakai, Seiroku	29
CANADA, EASTERN	
Banfield, Alexander W.F.	25
Eidt, Douglas C.	14.5
Rising, James D.	9
CANADA, NORTHERN	
Banfield, Alexander W.F.	2
Rising, James D.	0.5
Vitt, Dale H.	2
Wong, Horne H.	2
CANADA, WESTERN	
Banfield, Alexander W.F.	3
Eidt, Douglas C.	5
Rising, James D.	0.5
Vitt, Dale H.	3
Wong, Horne R.	25
EUROPE, WESTERN	
Balsbaugh, Jr., Edward U.	2
MEXICO	
Rising, James D.	0.5
NORTH CENTRAL	
Balsbaugh, Jr., Edward U.	7
Banfield, Alexander W.F.	1
Rising, James D.	5
Stibick, Jeffrey N.L.	2
Vitt, Dale H.	3
Wong, Horne R.	3
NORTHEAST	
Balsbaugh, Jr., Edward U.	5
Rising, James D.	1
PACIFIC	
Stibick, Jeffrey N.L.	3
SOUTHEAST	
Balsbaugh, Jr., Edward U.	3
Stibick, Jeffrey N.L.	4
SYSTEMS ANALYSIS	
AFRICA	
Armstrong, Patrick H.	21
CANADA, EASTERN	
Dorney, Robert S.	5
Fanning, Leonard H.	1
CANADA, NORTHERN	
Fanning, Leonard H.	1
CANADA, WESTERN	
Clark, William C.	2
Fanning, Leonard H.	3
EUROPE, WESTERN	
Armstrong, Patrick H.	10
NORTH CENTRAL	
Dorney, Robert S.	13
ROCKY MOUNTAIN	
Dorney, Robert S.	1
Fanning, Leonard H.	1
SOUTH AMERICA	
Dorney, Robert S.	5
SOUTH CENTRAL	
Silker, Ted H.	11
SOUTHEAST	
Silker, Ted H.	2
SOUTHWEST	
Armstrong, Patrick H.	21
TAXONOMY	
AFRICA	
Eidt, Douglas C.	1.5
ASIA	
Sakai, Seiroku	29
CANADA, EASTERN	
Banfield, Alexander W.F.	25
Dorney, Robert S.	5

TABLE 5 - COMPETENCE
(BY GEOGRAPHIC FAMILIARITY)

TAFONOMY	YEARS IN REGION
CANADA, EASTERN	
Eidt, Douglas C.	14.5
CANADA, NORTHERN	
Banfield, Alexander W.P.	2
Vitt, Dale H.	2
Wong, Horae 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 H.	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 H.	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, Paaayoti 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.	0
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	
Dasmann, Raymond P.	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	
Dasmann, Raymond P.	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	
Dasmann, Raymond P.	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 F.	.25
Hancock, David A.	4
Page, Jerry L.	4
ROCKY MOUNTAIN	
Hancock, David A.	.5
Parker, Thomas L.	3
SOUTHEAST	
Dasmann, Raymond F.	1
SOUTHWEST	
Schweinsberg, 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

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 Vieta 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. 02571
617-295-2550

Dr. K. J. Macek

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. Trus, President

Formed: 1969 Corporation 3 Life Scientists

Marine/Estuarine Ecological Surveys

Benthological Survey, Louisiana Coast

Ecological Survey Following Phosphate Spill

Stress Analysis of Major Oil Spill

Bio-Serv Corporation
1130 Livernells, Troy, Michigan 48068
(313) 588-1005

H. W. Yess

Formed: 1970 Corporation 3 Life Scientists

Environmental Controls - Pesticides - Integrated Systems for alleviation
of pest problems - Vertebrate specialty

Housing Evaluation - Rodent Infestations and Control

Evaluation of Candidate Rodent Repellent

Inspection of Warehouses for Potential Food Processor

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

Calspan 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 Biología, Medellin-Colombia

Gabriel Roldán

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 Pont 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 Ranchos Sacramento County, California

Ecologist
 3914 Aberdeen Way, Houston, Texas 77025
 713-667-5587

Dr. William C. Charaskis

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
 213-445-7560

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

Jamaica Bay, New York

Entomological Consultant Service
 105 Dean Street, Cleveland, Mo. 68732
 601-843-3204

Dr. Johnny D. Costa

Formed: 1964 Other Business 3 Life Scientists

Evaluation of insecticide applications

Reduction 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 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, Huncie 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

Jos. 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 1M4
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, Hartseveldt, 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. Harnsworth

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, Marina

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
 805-642-4085

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, Montcoeville, Penn. 15146
 412-372-7822

Edward J. Fasiska

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 Yelo 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 Homing 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

Midwest Research Institute
425 Volker Blvd., Kansas City, Missouri 64110
816-561-0202

Dr. Charles Kimball, President

Formed: 1944 Non-profit Organisation 50 Life Scientists

Performs research and studies in Biological, Engineering, Physical, and Economic sciences; specializes in environmental problems, health and safety, industrial technology, recreation, and regional development

Environmental Impact Study of Harry S. Truman Dam and Reservoir

The Use of Pesticides for Rangeland Sagebrush Control

An Environmental Impact Study of a Proposed Gasification Plant

Private Consultant (Natural Resources)
Box 31, Rodeo, New Mexico 88056

William H. Moir

Formed: 1971 Voluntary Association 1 Life Scientists
Free Lance Consultantship

Plant ecology, land use planning, legislation, soils

Preserving Arizona's Natural Heritage

Sevilleta: A socio-ecological survey

Federal Natural Areas-Washington & Oregon

Laboratory of Mountain Ecology For Man
Dept. of Environmental, Population and Organismal Biology, University of Colorado, Boulder, Colorado 80302
303-443-2211 ext. 7076

John W. Marr

Formed: 1972 University-based Team 12 Life Scientists

Mountain Ecology

Ecology of Western Colorado

Ecology of Vail Pass Area

Ecology of Avon-Beaver Valley

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 Orio

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 Ruaker

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 utilization

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. Zellman

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 O. Hessler, director • 608 North Park Street • University of Wisconsin • Madison, Wisconsin 53706
Suite 3200, 956 L'Enfant Plaza, Washington, O. 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 P. McInosh, 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 (Canada)
- Duke University
- Escuela Vocacional de Tecnologia de Alamosa (Uruguay)
- Fargo Museum of Natural History
- Florida State University Marine Lab
- Fundacion Bariloche (Argentina)
- Harvard University
- Indiana University
- Instituto Neerlandes de Limnologia (Argentina)
- McGill University (Canada)
- Massachusetts Institute of Technology (Canada)
- Max Planck Institut für Limnologie (Brazil and Germany)
- Michigan State University
- New York University
- Das Ridge National Laboratory (Canada)
- Oregon State University
- Organization for Tropical Studies
- Rutgers, The State University
- San Diego State College
- Smithsonian Institution
- State University of New York (International)
- 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 (Chile)
- University of British Columbia (Canada)
- University of California
- University of Colorado
- University of Connecticut
- University of Florida
- University of Georgia
- University of Hawaii
- University of Houston
- University of Idaho
- 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 (Brazil)
- University of South Carolina
- University of Toronto (Canada)
- 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						DO NOT WRITE IN THIS SPACE
SECTION 1 — IDENTIFICATION						
1. NAME (LAST) 1 (2-21)		(FIRST) 1 (22-31)		(MIDDLE INITIAL) 1 (32)		
2. DEPARTMENT/OFFICE 1 (33-5)			3. TELEPHONE NO. (AREA CODE) 1 (32-60) (NUMBER) (2-4, 60-9)		4. YR. OF BIRTH 1 (70-73)	1 (1-2)
3. HIGHEST DEGREE 1 (74-76)		5A. WHAT FIELD OR MAJOR 2 (7-20)		5B. WHAT UNIVERSITY		
19						A. _____
6. INSTITUTION OR ORGANIZATION 2 (21-55)						B. _____
5A. STREET ADDRESS 2 (56-80)				NATION 3 (47-56)		C. _____
5B. CITY 3 (7-26)			STATE 3 (27-41)		ZIP CODE 3 (42-46)	D. _____
6C. ARE YOU A PART OF A TEAM OR REPRESENTATIVE OF A RESEARCH OR CONSULTING GROUP? 1 [] YES 2 [] NO <input checked="" type="checkbox"/>						3 (57) _____
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)			YEARS OF MEMBERSHIP (USE CHECK)			
1-3	4-10	11+	1-3	4-10	11+	
021 []	022 []	023 []	161 []	162 []	163 []	4 (7-9) _____
031 []	032 []	033 []	171 []	172 []	173 []	_____
041 []	042 []	043 []	181 []	182 []	183 []	_____
051 []	052 []	053 []	191 []	192 []	193 []	10 (10-12) _____
061 []	062 []	063 []	201 []	202 []	203 []	_____
071 []	072 []	073 []	211 []	212 []	213 []	13 (13-15) _____
081 []	082 []	083 []	221 []	222 []	223 []	_____
091 []	092 []	093 []	231 []	232 []	233 []	16 (16-18) _____
101 []	102 []	103 []	241 []	242 []	243 []	_____
111 []	112 []	113 []	251 []	252 []	253 []	18 (18-21) _____
121 []	122 []	123 []	261 []	262 []	263 []	_____
151 []	152 []	153 []	271 []	272 []	273 []	_____
131 []	132 []	133 []	281 []	282 []	283 []	_____
4 (22-36) _____			4 (37-51) _____			

SECTION 2 - AREAS OF COMPETENCE OR RESEARCH

8. WITH REFERENCE TO THE FOLLOWING SCIENTIFIC FIELDS, INDICATE THOSE IN WHICH YOU HAVE COMPETENCE OR HAVE PERFORMED RESEARCH. USE THE FOLLOWING CODE TO INDICATE YOUR COMPETENCE:

1=Highest General Competence
2=Special Ability
3=General Knowledge

	COMPETENCE (1, 2, OR 3)	PERFORMED RESEARCH (USE CHECK)		COMPETENCE (1, 2, OR 3)	PERFORMED RESEARCH (USE CHECK)
Agronomy	01 []	51 [] <input checked="" type="checkbox"/>	Marine Biology	23 []	73 [] <input checked="" type="checkbox"/>
Agricultural Science	02 []	52 []	Microbiology	24 []	74 []
Anatomy	03 []	53 []	Nutrition	25 []	75 []
Animal Behavior	04 []	54 []	Oceanography	26 []	76 []
Animal Ecology	05 []	55 []	Ornithology	27 []	77 []
Animal Husbandry	06 []	56 []	Parasitology	28 []	78 []
Anthropology	07 []	57 []	Paleontology	29 []	79 []
Aquatic Ecology	08 []	58 []	Pest Control	30 []	80 []
Bacteriology	09 []	59 []	Plant Ecology	31 []	81 []
Biochemistry	10 []	60 []	Plant Pathology	32 []	82 []
Biostatistics	11 []	61 []	Physiology	33 []	83 []
Biophysics	12 []	62 []	Population Biology	34 []	84 []
Entomology	13 []	63 []	Range Science	35 []	85 []
Fishery Biology	14 []	64 []	Reproductive Biology	36 []	86 []
Food Sciences	15 []	65 []	Soil Science	37 []	87 []
Forestry	16 []	66 []	Systematics	38 []	88 []
Environmental Pollution	17 []	67 []	Systems Analysis	39 []	89 []
Genetics	18 []	68 []	Taxonomy	40 []	90 []
Horticulture	19 []	69 []	Veterinary Science	41 []	91 []
Immunology	20 []	70 []	Virology	42 []	92 []
Limnology	21 []	71 []	Water Resources Management	43 []	93 []
Other (specify)	22 []	72 []	Wildlife Management	44 []	94 []
		e(12-30)	Other (specify)	45 []	95 []
					e(44-70)

DO NOT WRITE HERE

COM. 4(82-4)

(55-7)

(58-60)

(61-63)

(64-64)

(67-69)

RES. 4(72-3)

(74-75)

(76-77)

(78-79)

9. PLEASE DESCRIBE YOUR FIELD OF GREATEST COMPETENCE IN (APPROXIMATELY) TEN WORDS (PLEASE PRINT)

7(7-80)

10. PLEASE DESCRIBE YOUR WORK WITH REFERENCE TO ONE OR MORE OF THE FOLLOWING BIOLOGICAL LEVELS (USE CHECK):

01 [] Submolecular	05 [] Tissue	09 [] Community	11 [] Multilevel
02 [] Molecular	06 [] Organ	10 [] Ecosystem	12 [] Other (specify)
03 [] Cell Organelle	07 [] Organism		
04 [] Cell	08 [] Population		

5(7-27)

0(7-n)

(9-10)

(11-12)

(13-14)

(15-16)

11. INTEREST IN ECOSYSTEM ANALYSIS

WITH REFERENCE TO THE FOLLOWING LIST OF ECOSYSTEMS, POLLUTANTS AND PROCESSES, INDICATE YOUR STRENGTHS USING THE CODE 1=Highest General Competence 2=Special Ability 3=General Knowledge (USE CODE, DO NOT CHECK)

ECOSYSTEM MANAGEMENT		POLLUTANT MANAGEMENT	ECOSYSTEM PROCESSES
NATURAL ECOSYSTEMS	MANAGED ECOSYSTEMS		
01 [] Marine, general	17 [] Agricultural	31 [] Air	40 [] Mineral cycling
02 [] Marine, intertidal	18 [] Coastal	32 [] Chemical	41 [] Maximizing stable yields
03 [] Marine, continental shelf	19 [] Fisheries	33 [] Land	42 [] Measuring ecosystem stress
04 [] Marine, open ocean	20 [] Forests	34 [] Noise	43 [] New species introduction
05 [] Coastal, marshland	21 [] Land Use Design	35 [] Oil	44 [] Waste recycling
06 [] Coastal, estuarine	22 [] Mining	36 [] Radiation	45 [] Energy flows
07 [] Fresh water, lake	23 [] Recreational	37 [] Thermal	46 [] Productivity
08 [] Fresh water, river	24 [] Reservoir	38 [] Water, fresh	47 [] Population dynamics
09 [] Desert	25 [] Rivers	39 [] Water, marine	
10 [] Savannah	26 [] Watersheds		MODELING
11 [] Forest, deciduous	27 [] Weather modification		48 [] Programming
12 [] Forest, coniferous	28 [] Wildlife management		49 [] Forecasting
13 [] Grassland	29 [] Urban		
14 [] Tropical			
15 [] Tundra			
16 [] Other (specify)	30 [] Other (specify)	50 [] Other (specify)	

0(17-19)

(20-22)

(23-25)

(26-28)

(29-31)

(32-34)

OTHER 0(7-9)

(30-32)

(34-36)

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	I, 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.

ACKNOWLEDGEMENTS

The TIE Advisory Committee was greatly assisted in its work by the cooperation of personnel from the Office of the Chief of Engineers, in particular:

David A. Aggerholm	Evalyn W. Dexter
Dr. C. Grant Ash	William J. Donovan
John B. Bushman	Lyle C. McLaren
Dale A. Crane	Colonel Robert R. Werner

In addition, the committee received assistance in the questionnaire design from Lee Talbot and Gerard Bertrand, CEQ; Fred G. Evenden, The Wildlife Society; James R. Fowler, AID, Department of State; and John Buckley, EPA.

The initial design of the directory was prepared by Keith Caldwell, Indiana University and Stanley Auerbach of Oak Ridge National Laboratory, who have provided continued help to the committee.

Particular acknowledgement must be given to the support of the EISO office, at Oak Ridge National Laboratory. Without their untiring efforts, the very great task of converting the survey data to computer format could not have been completed in the very short period of 90 days. The entire EISO organization made contributions during the data processing phases of the project. The committee expresses it's appreciation to Jerry Ulrikson, EISO Director and Harry Hamilton for overcoming all the obstacles which develop in enterprises to this scope and to:

Zell Combs	Lois Irwin
Faye Fletcher	M. R. Melhorn
Betty Griffith	Kathy Shelton
Marie Henley	

Frank Hammerling handled superlatively the design and execution of the computer programs which produced the directory and Susan M. Kelly managed the entire data transfer and editing process.

The committee was supported in its work during the entire project by Felix J. Rimberg and J. Christopher Noah who gave their careful attention to every aspect of the work from the initial survey to final publication.

Finally, the committee expresses its thanks to the cooperating scientific societies, who made the survey possible and to the 10,000 respondents who helped us to make their availability more widely known.

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