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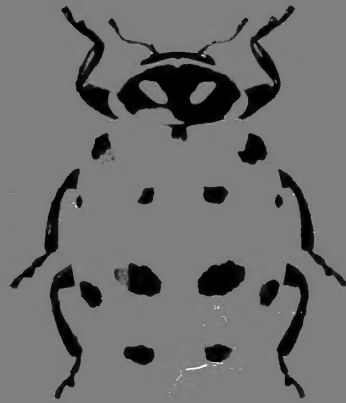
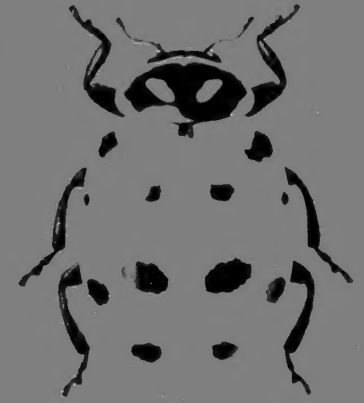


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Number 1509

Releases of Beneficial Organisms in the United States and Territories—1982



Abstract

Coulson, Jack R., compiler. 1992. Releases of Beneficial Organisms in the United States and Territories—1982. U.S. Department of Agriculture, Miscellaneous Publication No. 1505, 529 pp.

This is the second of two reports on the releases of introduced beneficial organisms in the United States and its Territories for biological control of pests or for crop pollination. This report is produced from the computerized data base "Releases of Beneficial Organisms" (ROBO) of the Agricultural Research Service Biological Control Documentation Center. It may be the last such published report since this type of information for subsequent years will soon be available in electronic form from the ROBO data base.

Well over 20 million individuals of at least 151 species of insect and mite parasites and predators, almost exclusively of foreign origin, were released against at least 79 insect and mite pests, also predominantly introduced species, in the United States and its Territories in 1982. Also released that year were over 9 million individuals of 21 species of exotic natural enemies of 18 species of introduced weeds. In addition 7 species of pollinators and other beneficial organisms were released. These releases (from either field collections or cultures of foreign origin) or recolonizations (from previously established populations in the United States) were made in 45 States and the District of Columbia in 1982. Shipments of 94 biological control agents and pollinators were sent from U.S. facilities to foreign countries in 1982. Also listed in this report are the numerous people in more than 400 Federal, State, university, Territorial, private, and foreign facilities engaged in biological control and other importation, release, and related activities in 1982.

In addition to this type of comprehensive annual report, the ROBO data base can produce computer reports of shipments sent or received, reports of releases of beneficial organisms on a facility or State-Territory basis, as well as detailed reports of the individual releases, shipments, or importations. This publication includes examples of the detailed individual release reports, which illustrate the types of data for which searches can be made in the ROBO data base.

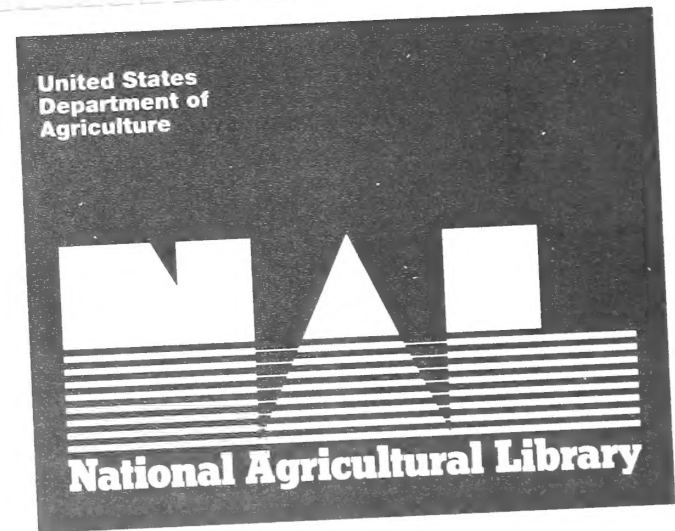
Keywords: Biological control, introductions, natural enemies, parasites (parasitoids), pollinators, predators, weed control agents.

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While supplies last, single copies of this publication may be obtained, at no cost, on request from the USDA Biological Control Documentation Center, Bldg. 004, BARC-West, Beltsville, MD 20705.

Copies of this publication may also be purchased from the National Technical Information Service, 5285 Port Royal Rd., Springfield, VA 22161.

Issued November 1992



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Releases of Beneficial Organisms in the United States and Territories—1982

Compiled by Jack R. Coulson

Introduction

Biological control of pests can be improved by good management of data. The search for, collection, and importation of exotic natural enemies for release, establishment, and dispersal as biological control agents of pests in the United States and its Territories represent excellent opportunities, indeed an obligation, to collect and store valuable information of present and future scientific and regulatory interest. The critical need to compile such data for improving biological pest control is well recognized (Bottrell et al. 1976; USDA 1978; Battenfield 1983; Coulson 1992). This type of information is of current and historical interest not only to biological control and integrated pest management scientists and administrators but also to systematists and ecologists. Unfortunately, detailed records of biological control attempts have often not been published or even kept in many instances (Greathead 1986). Compilations of the results of these activities (for example, Clausen 1978) are usually based only on generally incomplete published information.

The introduction of living plant germplasm into the United States has long been well documented in a series of annual publications of the U.S. Department of Agriculture, the latest being for 1990 importations (Norris 1991), and by the computerized Germplasm Resources Information Network (GRIN) (Perry et al. 1988). This present publication is the second of a series designed

Biological Control Documentation Center, Insect Biocontrol Laboratory, Beltsville Agricultural Research Center, Beltsville, MD 20705.

Although the data on which this publication is based were collected in 1982, much of the information presented is not published elsewhere. These data are useful as scientific and historical records of the importation and release of exotic organisms in the United States and its Territories and as guidelines for further documentation. Further details on these published records can be obtained from the pertinent organizations listed in section VIII of this publication, or from the ROBO data base discussed in the "Introduction." This book may be the last in which these data will be published since such information for subsequent years will be readily available in electronic form from the ROBO data base.

to similarly document the importation of other beneficial organisms into the United States and its Territories. It presents mostly unpublished information on one of the activities involved in importation programs, that is, the field or greenhouse release of introduced biological control agents and pollinators.

Since many of the releases represent recolonizations of introduced species from established populations, the book also includes some information on establishments and dispersals.

Much additional information is stored in the computerized data base from which this book was produced, including information on the original collection of foreign or overseas shipments arriving in the United States and its Territories, that is, collection and importation data. Brief descriptions of this data base, "Releases of Beneficial Organisms" (ROBO), have been published (Coulson 1987, 1992). Publication of a more detailed description has been planned and a 1985 user manual is being updated. In addition to this annual publication, ROBO can produce the following computer reports:

1. annual reports of releases, by State or facility,
2. detailed reports of individual releases,
3. annual reports of shipments or consignments from each domestic facility,
4. annual reports of materials received by State or facility,
5. detailed reports of individual shipments (quarantine and nonquarantine),
6. annual reports of shipments from each overseas or foreign facility,
7. annual reports of foreign shipments received by each domestic facility,
8. detailed reports of individual foreign or overseas shipments.

Three examples of individual release reports (item 2 in the preceding list) are presented here; one is for a field release from quarantine (example 1) and two are for nonquarantine releases (examples 2 and 3). Inquiries concerning each of the data sets for these reports can currently be made using free-form Wang

Example 1. RELEASE REPORT Q

REPT. DATE 01/08/92

RELEASE FILE NO: BIRL-82-0090

ORGANISM RELEASED:

Apanteles indiensis (Marsh)

IDENTIFIER(S): Ertle, L R BIRL

CURRENT NAME =

Glyptapanteles indiensis (Marsh)

TAXONOMIC POSITION - CLASS ORDER FAMILY
Insecta Hymenoptera Braconidae

TYPE OF ORGANISM: PA STAGE/PART OF HOST/PREY ATTACKED: L

ORIGIN

CIBGIS-82-0004-A India Himachal Pradesh

CIBGIS-82-0003-B India Himachal Pradesh

CIBGIS-82-0002-C India Himachal Pradesh

Plus additional file numbers

ORIGINAL HOST/PREY: Lymantria obfuscata

COLLECTOR(S): Ramaseshiah, G CIBGIS

CULT: N GENERATIONS:

QUARANTINE ORIGIN

Beneficial Insects Research Laboratory

ARS, USDA

501 South Chapel Street

Newark DE 19713 USA

DATES OF MATERIAL RELEASED	TARGET HOST(S)/PREY	TAXONOMIC POSITION OF TARGET HOST(S)/PREY
MM/DD/YY NOS. STAGE	GENUS SPECIES AUTHOR	CLASS ORDER FAMILY
5/28/82 728 A	Lymantria dispar (Linnaeus)	Insecta Lepidoptera Lymantriidae

HOSTPLANT/ANIMAL OF TARGET HOST(S)/PREY: oak, other hardwoods

RELEASE LOCATION

STATE COUNTY TOWN
DE New Castle Smyrna

RELEASER(S)

Groce, J C

Beneficial Insects Research Laboratory

ARS, USDA

501 South Chapel Street

Newark DE 19713 USA

Campese, D

USDA, APHIS, PPQ

Federal Buiding

9th and King Streets

Wilmington DE 19801 USA

REPRESENTATIVE SPECIMENS - NUMBER: LOCATION:

Example 2. RELEASE REPORT NQ

REPT. DATE 01/08/92

RELEASE FILE NO: BIIL-RFWS-82-0014

ORGANISM RELEASED:

Edovum puttleri Grissell

IDENTIFIER(S): Schroder, R F W BIIL

CURRENT NAME = SAME

TAXONOMIC POSITION - CLASS ORDER FAMILY
Insecta Hymenoptera Eulophidae

TYPE OF ORGANISM: PA STAGE/PART OF HOST/PREY ATTACKED: E

ORIGIN

Colombia

ORIGIN FILE NUMBERS

BCIRL-BP-81-0018

NON-QUARANTINEORIGIN

LABORATORY CULTURED FIELD COLLECTED-STATE,COUNTY,MM/YY

Beneficial Insect Introduction Lab / /

ARS, USDA

Bldg 417, BARC-East

Beltsville MD 20705 BY:

USA

LAB HOST: Leptinotarsa decemlineata

GENERATIONS: 1-10

FIELD HOST:

DATES OF MATERIAL RELEASED	TARGET HOST(S)/PREY	TAXONOMIC POSITION OF TARGET HOST(S)/PREY
MM/DD/YY NOS. STAGE	GENUS SPECIES AUTHOR	CLASS ORDER FAMILY
5/20/82 500e A	Leptinotarsa decemlineata (Say)	Insecta Coleoptera Chrysomelidae

HOST PLANT/ANIMAL OF TARGET HOST(S)/PREY: potato

RELEASE LOCATION

STATE COUNTY TOWN
MD Carroll Sykesville

RELEASER(S)

Schroder, R F W

Beneficial Insect Introduction Lab

ARS, USDA

Bldg 417, BARC-East

Beltsville MD 20705 USA

REPRESENTATIVE SPECIMENS - NUMBER: LOCATION:

Example 3. RELEASE REPORT NQ REPT. DATE 01/08/92

RELEASE FILE NO: PPQNM1-TLB-82-0061

ORGANISM RELEASED:

Microctonus aethiopoides Loan

IDENTIFIER(S): Burger, T L PPQNM1

CURRENT NAME = SAME

TAXONOMIC POSITION - CLASS ORDER FAMILY

Insecta

Hymenoptera

Braconidae

TYPE OF ORGANISM: PA STAGE/PART OHOST/PREY ATTACKED: A

ORIGIN

Europe

ORIGIN FILE NUMBERS

LABORATORY CULTURED NON-QUARANTINE ORIGIN
FIELD COLLECTED STATE, COUNTY, MM/YY
MI Berrien Co 5/82 /
BY: Bryan, M D PPQNM1

LAB HOST:

FIELD HOST: Hypera postica

GENERATIONS:

DATES OF RELEASE	MATERIAL RELEASED	TARGET HOST(S)/PREY	TAXONOMIC POSITION OF TARGET HOST(S)/PREY
MM/DD/YY	NOS. STAGE	GENUS SPECIES AUTHOR	CLASS ORDER FAMILY
5/20/82	588e PHA	Hypera postica	Insecta
	98% OF HA	(Gyllenhal)	Coleoptera
	SHIPPED		Curculionidae

HOST PLANT/ANIMAL OF TARGET HOST(S)/PREY: alfalfa

RELEASE LOCATION

STATE COUNTY

TOWN

IA Clarke Know Twp (2 sites)

RELEASER(S)

Stoltenow, C R

Iowa Department of Agriculture

Wallace Building

East Ninth and Grand Streets

Des Moines IA

50319 USA

REPRESENTATIVE SPECIMENS - NUMBER: LOCATION:

NOTES: 073 PHA may also have contained some Microctonus colesi Drea.

computer file utilities. Additional collection and release details can be obtained from biological shipment record forms and other information on file in the ARS Biological Control Documentation Center.

Many people contributed to the development of ROBO, including many biological control colleagues who responded to a 1982 user survey, which helped complete revision of three biological shipment record forms and the computer programs themselves. The forms were developed and revised with the help of Abby Weiner and with some final revisions by A.L. Siehl, both of Forms Management, General Services Division, Agricultural Research Service (ARS). The current computer programs were written in COBOL for a Wang VS-100 by Mary Goldenbaum, with revisions during the debugging process by Anne Damico and Paul Sobus, all three under contract from Program Resources, Inc., and by William Murphy of the former ARS Biosystematics and Beneficial Insects Institute. Rob Selvage, Ed Bird, and Joe Burton of the former ARS Communications and Data Services Division were involved in system design and early programming. Audrey Carrell and David Vincent, listed as co-compilers of the 1981 report (Coulson et al. 1988), were heavily involved in the development and later programming of the ROBO data base.

This publication is modeled after, but is more detailed than, the annual bulletin of releases of biological control organisms in Canada published since the 1930s. The most recent issue reports 1990 releases (Sarazin 1991). Most of the data included in ROBO was provided by many of the research and other scientists and action agency personnel listed in section VIII of this publication. Their voluntary cooperation is greatly appreciated.

Citation of Release Data

If data are to be cited concerning releases reported in this publication, the pertinent journal or other reference to each release should be given whenever possible. If this is not possible, or if there is a need to cite release data directly from this publication, the pertinent project leader (or facility or releaser, if the release was made directly from quarantine) should be given as the source of the data. Credit may also be given to the releaser and original collector of the material when they differ from the project leader. Examples follow:

1. When referencing releases of *Euseius quetzali* against broad and citrus red mites in California, cite McMurtry, J.A., University of California, Riverside, p. 192, in "Releases of Beneficial Organisms in the U.S. and Territories—1982," U.S. of Agriculture, Agricultural Research Service, Miscellaneous Publication 1505, 1992. (H.G. Johnson, University of California, releaser).
2. When referencing releases of *Praon volucre* against bird cherry-oat aphid in Washington, cite Pike, K.S., Washington State University, Prosser, p. 261, in "Releases of Beneficial Organisms in the U.S. and Territories—1982," U.S. Department of Agriculture, Agricultural Research Service, Miscellaneous Publication 1505, 1992. (F. Gruber, USDA, ARS, France, collector).

Explanation of Entries

All entries in the various sections of this publication should be fairly self-explanatory. However, it may be helpful to explain the information included in some columns of part A in sections I and II.

Column 2. The country or State and sometimes county where the released material was collected are listed in this column, together with the acronym of the quarantine, overseas, or nonquarantine facilities (the last with the collector's initials) from which the material originated. The facility acronyms are listed in section VIII with full facility addresses and with names of all personnel participating in the collection, shipment, or release activities in 1982. The addresses are those of 1982. More details of the original overseas collections and shipments are available from the ROBO data base (reports 5 and 8).

Column 3. The State or Territory and county where the release was made and the month of the release are listed in this column, together with the number and stage of the organism released. (The category "county" also includes parishes for Louisiana, independent cities for Virginia, and other political subdivisions analogous to counties in the various States and Territories.) Additional release details can be obtained from the ROBO data base (report 2). The "e" following the number released indicates an estimate. The abbreviations used for the stages and types of organisms and States and Territories are

listed following this introduction. Column 3 also references notes listed at the end of part A in sections I and II.

Column 4. Each importation, shipment, or release record in ROBO is recorded by a file number, as illustrated by those listed in this column. The file number for releases from quarantine consists of a facility acronym, the last two digits of the year, and a four-digit consecutive number. For nonquarantine releases, the initials of the project leader responsible for the release are included in the file number. Also in column 4 are the facility acronym and full name of the releaser(s). For some Extension personnel or county agents and field personnel of Plant Protection and Quarantine (PPQ), Animal and Plant Health Inspection Service (APHIS), usually only the address of the releaser's headquarters is listed rather than each specific address. All facilities and personnel noted in this column are listed in section VIII. The asterisk in this column indicates that specimens have been retained representing the material released.

Scientific Names and Classification Systems

All scientific names in columns 1 and 5 of part A of sections I and II and elsewhere in this publication have been verified by systematists of the Systematic Entomology Laboratory (SEL) and the Systematic Botany and Mycology Laboratory (SBML), ARS, Beltsville, MD. Their efforts are appreciated. The most current names for the organisms according to these specialists as of December 1991 have been used in this publication. The name under which the organism was originally imported or released is retained in the ROBO data base (see example 1 of the individual computer release reports), and searches can be made using both original and current names. The higher classification system for arthropods is that used by SEL scientists. The system used for plants in section II is that of Cronquist (1981).

The scientific name in this book for the plant in the United States known as Russian thistle, *Salsola australis* R. Br. (= *S. iberica*, *S. pestifer*, or *S. kali* of authors), is in accordance with the opinion of J.H. Kirkbride, SBML (personal communication), based on Botschantzev (1974). The scientific name of the plant known as musk or nodding thistle used in this report is *Carduus nutans* Linnaeus; the subspecific epithets used in the 1981 report (Coulson et al.

1988) are not used here for reasons of simplicity (but see the 1981 report, McCarty et al. [1984], and McGregor [1986]). Though the scientific name *Euphorbia esula* Linnaeus is used for the weed known as “leafy spurge,” it must be pointed out that the taxonomy of North American leafy spurge is still controversial among botanists, some of whom consider North American populations to be a complex of species and hybrids (Radcliffe-Smith 1985; Mahlberg et al. 1987; and most recently Crompton et al. 1990).

Corrections and Updating

ROBO is a dynamic data base, capable of continual updating with new information. Therefore, readers are encouraged to notify the ARS Biological Control Documentation Center of (1) any errors found in this publication, (2) additional or currently missing information as indicated by question marks, and (3) any changes to scientific names as a result of the publication of descriptions of species recorded here as “sp.,” or otherwise incomplete names, or as a result of new taxonomic studies. Comments can be addressed to the Biological Control Documentation Center, Bldg. 004, BARC-West, Beltsville, MD 20705.

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Abbreviations Used

Types of Organisms

MI—microbial
PA—parasite
PO—pollinator
PR—predator
WE—weed feeder
OT—other

Developmental Stages of Organisms Released

A—adults
C—cocoon
E—eggs
J—juveniles (for nematodes)
L—larvae
MU—mummies
N—nymphs
P—pupae, puparia
PHA, PHE, etc. —parasitized host adults,
parasitized host eggs, and so forth

States and Territories

AK—Alaska
AL—Alabama
AR—Arkansas
AS—American Samoa
AZ—Arizona
CA—California
CO—Colorado
CT—Connecticut
CZ—Canal Zone

DC–District of Columbia
DE–Delaware
FL–Florida
FM–Federated States of Micronesia
GA–Georgia
GU–Guam
HI–Hawaii
IA–Iowa
ID–Idaho
IL–Illinois
IN–Indiana
KS–Kansas
KY–Kentucky
LA–Louisiana
MA–Massachusetts
MD–Maryland
ME–Maine
MH–Marshall Islands
MI–Michigan
MN–Minnesota
MO–Missouri
MP–North Mariana Island
MS–Mississippi
MT–Montana
NC–North Carolina
ND–North Dakota
NE–Nebraska
NH–New Hampshire
NJ–New Jersey
NM–New Mexico
NV–Nevada
NY–New York
OH–Ohio
OK–Oklahoma
OR–Oregon
PA–Pennsylvania
PR–Puerto Rico
PW–Palau

RI–Rhode Island
SC–South Carolina
SD–South Dakota
TN–Tennessee
TX–Texas
UT–Utah
VA–Virginia
VI–Virgin Islands (U.S.)
VT–Vermont
WA–Washington
WI–Wisconsin
WV–West Virginia
WY–Wyoming

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>		<u>File Number</u>	<u>Target Host/Prey</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Month</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>/SEE NOTES</u>		<u>Releaser Acronym, Name</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>				<u>Author, Common Name</u>
Agrypon flaveolatum (Gravenhorst) Hymenoptera Ichneumonidae	Canada CFSTNS/DBM	OR Clackamas 29 A Apr	1	BIRL-82-0041 ORDA Penrose, R L	Operophtera brumata (Linnaeus) winter moth
	Canada CFSTNS/DBM	OR Clackamas 37 A Apr	1	BIRL-82-0043 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Clackamas 211 A Apr	1	BIRL-82-0047 ORDA West, M	SAME
	Canada CFSTNS/DBM	OR Clackamas 98 A Apr	1	BIRL-82-0051 ORDA West, M	SAME
	Canada CFSTNS/DBM	OR Clackamas 124 A Apr	1	BIRL-82-0053-2 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Marion 51 A Apr	1	BIRL-82-0033 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Marion 78 A Apr	1	BIRL-82-0036 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Multnomah 101 A Apr	1	BIRL-82-0049 ORDA West, M	SAME
	Canada CFSTNS/DBM	OR Washington 95 A Apr	1	BIRL-82-0053-1 ORDA Penrose, R L	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>Target Host/Prey</u>	
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Releaser Acronym, Name</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	
			<u>Species, Subspecies</u>	
			<u>Author, Common Name</u>	
Allorhogas pyralophagus Marsh Hymenoptera Braconidae	Mexico-Nuevo Leon TAMU CIBCWIS/FDB TAMU/JWS	TX LRGV ? e A Jul to Oct NOTE: 103	1 TAMU-JWS-82-0003 TAMUW Browning, H W	Eoreuma loftini (Dyar) Mexican rice borer
	Mexico-Nuevo Leon TAMU CIBCWIS/FDB TAMU/JWS	TX LRGV 265 A Nov NOTE: 104	2 TAMU-JWS-82-0004 TAMUW Browning, H W	SAME
Aloencyrtus saissetiae (Compere) Hymenoptera Encyrtidae	South Africa UCB	CA Tehama 185e A Oct to Nov	1 UCB-LEC-82-0020 UCB	Saissetia oleae (Olivier) black scale
Amblyseius limonicus Garman & McGregor Parasitiformes Phytoseiidae	CA, Santa Barbara UCR/HGJ	CA San Diego 900e A,N Jun	1 UCR-JAM-82-0043 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	CA, Santa Barbara UCR/HGJ	CA San Diego 8800e A,N Aug	2 UCR-JAM-82-0056 UCR Johnson, H G	SAME
	CA, Santa Barbara UCR/HGJ	CA San Diego 2000e A,N Sep to Oct	1 UCR-JAM-82-0063 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	CA, Santa Barbara UCR/HGJ	CA San Diego 600e A,N Nov	1 UCR-JAM-82-0074 UCR Johnson, H G	SAME

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Amblyseius limonicus Garman & McGregor Parasitiformes Phytoseiidae	CA, Santa Barbara UCR/HGJ	CA Ventura 300e A,N 1 Apr	UCR-JAM-82-0020 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
	CA, Santa Barbara UCR/HGJ	CA Ventura 700e A,N 1 May	UCR-JAM-82-0035 UCR Johnson, H G	Phyllocoptura oleivora (Ashmead) citrus rust mite Panonychus citri McGregor citrus red mite
Amblyseius longispinosus (Evans) Parasitiformes Phytoseiidae	USA FL HDA HDA/RMB	HI Hawaii 3200e A,N 1 Jun	HDA-KTM-82-0030 HDAH Yoshioka, E R	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA FL HDA HDA/RMB	HI Hawaii 1080e A,N 1 Aug	HDA-KTM-82-0052 HDAH Yoshioka, E R	SAME
	USA FL HDA HDA/RMB	HI Hawaii 60 A,N 1 Sep	HDAH-ERY-82-0014 HDAH Yoshioka, E R	SAME
	USA FL HDA HDA/RMB	HI Hawaii 570e A,N 1 Oct	HDAH-ERY-82-0017 HDAH Yoshioka, E R	SAME

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Amblyseius longispinosus (Evans) Parasitiformes Phytoseiidae	USA FL HDA HDA/RMB	HI Honolulu 500e A,N Feb	1 HDA-KTM-82-0005 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA FL HDA HDA/RMB	HI Honolulu 16000e A,N Mar	2 HDA-KTM-82-0010 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 11000e A,N Apr to May	1 HDA-KTM-82-0014 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 7500e A,N Jul	1 HDA-KTM-82-0041 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 8500e A,N Aug	2 HDA-KTM-82-0050 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 14500e A,N Sep	4 HDA-KTM-82-0059 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 5200e A,N Oct	2 HDA-KTM-82-0068 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 11300e A,N Nov	2 HDA-KTM-82-0073 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 8300e A,N Dec	3 HDA-KTM-82-0082 HDA Murai, K T	SAME

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Amblyseius longispinosus (Evans) Parasitiformes Phytoseiidae	USA FL HDA HDA/RMB	HI Maui 3500e A,N May	1 HDA-KTM-82-0019 HDAM Miyahira, N	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA FL HDA HDA/RMB	HI Maui 7000e A,N Jun	2 HDA-KTM-82-0029 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 4500e A Jul	1 HDA-KTM-82-0042 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 4800e A,N Aug	2 HDA-KTM-82-0051 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 5000e A Sep	1 HDA-KTM-82-0060 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 3600e A,N Oct	2 HDA-KTM-82-0069 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 500e A,N Nov	1 HDA-KTM-82-0074 HDA Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 2700e A Dec	1 HDA-KTM-82-0083 HDAM Miyahira, N	SAME
Amblyseius sp. Parasitiformes Phytoseiidae	DE, New Castle BIRL BIRL/	MD Frederick 250e A,L Sep NOTE: 015	1 BIRL-RMH-82-0178 PDRL Rossi, A E	Tetranychus urticae Koch twospotted spider mite

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Amitus ?spiniiferus (Brèthes) Hymenoptera Platygastridae	HI, Honolulu HDA/SRK	HI Honolulu 160 A 4 Feb	HDA-BRK-82-0010 HDA Kumashiro, B R	Aleurothrixus floccosus (Maskell) woolly whitefly
Amitus spiniiferus (Brèthes) Hymenoptera Platygastridae	Mexico UCR	CA Ventura 200e A 1 Dec	UCR-PD-82-0021 UCR Rose, M J	SAME
Anaphes diana (Girault) Hymenoptera Mymaridae	France BIRL EPL/HH	ID Latah 4691 A 1 May to Jun	UID-LEO-82-0001-2 UID Schotzko, D J	Sitona lineatus (Linnaeus) pea leaf weevil
	France BIRL EPL/HH	ID Nez Perce 5276 A 1 May to Jun	UID-LEO-82-0001-1 UID Schotzko, D J	Sitona hispidulus (Fabricius) clover root curculio Sitona lineatus (Linnaeus) pea leaf weevil
Anastatus disparis Ruschka Hymenoptera Eupelmidae	USA, CT CTAES	DE New Castle 1108 A 1 Jul to Oct	BIRL-RWF-82-0201 BIRL Taylor, P B Groce, J C	Lymantria dispar (Linnaeus) gypsy moth
Apanteles scutellaris Muesebeck Hymenoptera Braconidae	USA CA HDA HDA/RMB	HI Honolulu 21 A 1 Mar	HDA-BRK-82-0016 HDA Kumashiro, B R	Keiferia lycopersicella (Walsingham) tomato pinworm

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Apanteles scutellaris Muesebeck Hymenoptera Braconidae	USA CA HDA HDA/RMB	HI Maui 140 A 1 Jan	HDA-BRK-82-0007 HDAM Miyahira, N	Keiferia lycopersicella (Walsingham) tomato pinworm
	USA CA HDA HDA/RMB	HI Maui 140 A 1 Mar	HDA-BRK-82-0017 HDAM Miyahira, N	SAME
Aphelinus asychis Walker Hymenoptera Aphelinidae	France BIRL EPL/FG	WA Benton 25e A 1 Oct	WASUP-KSP-82-0004 WASUP Pike, K S	Rhopalosiphum padi (Linnaeus) bird cherry-oat aphid
Aphidius ervi Haliday Hymenoptera Aphidiidae	USSR, Uzbek SSR UCR	CA Alameda 540e A 1 Nov	UCB-KSH-82-0068 UCB	Acyrtosiphon kondoi Shinji blue alfalfa aphid
	Iran UCR	CA Fresno 21950e A 1 Jan to Apr	UCB-KSH-82-0003-1 UCB	SAME
	USSR, Uzbek SSR UCR	CA Fresno 80400e A 2 Jan to Apr	UCB-KSH-82-0004 UCB	SAME
	Iran UCR	CA Fresno 3000e A 1 Feb to Apr	UCB-KSH-82-0003-2 UCB	SAME
	USSR, Uzbek SSR UCR	CA Fresno 14750e A 2 May to Jun	UCB-KSH-82-0022 UCB	SAME Acyrtosiphon pisum (Harris) pea aphid

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Aphidius ervi Haliday Hymenoptera Aphidiidae	Iran UCR	CA Fresno 2260e A May to Jun	1 UCB-KSH-82-0026 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA Fresno 13500e A Jul to Dec	2 UCB-KSH-82-0030 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	Iran UCR	CA Fresno 6750e A Jul to Dec	1 UCB-KSH-82-0035 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA Glenn 1960e A May	1 UCB-KSH-82-0023 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid

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Aphidius ervi Haliday Hymenoptera Aphidiidae	Japan, Honshu UCR	CA Modoc 4450e A Oct	1	UCB-KSH-82-0065 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	USSR, Uzbek SSR UCR	CA Monterey 1090e A Jul	1	UCB-KSH-82-0049 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA Monterey 750e A Dec	1	UCB-KSH-82-0070 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Morocco UCR	CA San Joaquin 2280e A Apr to Jun	1	UCB-KSH-82-0018 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA San Joaquin 2180e A Apr to Jun	1	UCB-KSH-82-0019 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid

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Aphidius ervi Haliday Hymenoptera Aphidiidae	Morocco UCR	CA Tulare 20800e A Jan to Apr	1 UCB-KSH-82-0006 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Japan, Honshu UCR	CA Tulare 2600e A May	1 UCB-KSH-82-0020 UCB	Acyrthosiphon pisum (Harris) pea aphid Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Morocco UCR	CA Tulare 5650e A May to Jun	1 UCB-KSH-82-0021 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	Morocco UCR	CA Tulare 13200e A Jul to Dec	1 UCB-KSH-82-0043 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	Japan, Honshu UCR	CA Tulare 300e A Sep	1 UCB-KSH-82-0060 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid

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Aphidius ervi Haliday Hymenoptera Aphidiidae	Iran UCR	CA Yolo 1570e A May	1 UCB-KSH-82-0024 UCB	Acyrtosiphon kondoi Shinji blue alfalfa aphid
	Iran UCR	CA Yolo 510e A Jul	1 UCB-KSH-82-0038 UCB	SAME Acyrtosiphon pisum (Harris) pea aphid
	? UCR	CO Mesa 9460 A May to Aug	10 CODA-KEM-82-0004 CODA Mowrer, K E	SAME
	? UCR	KS ? ? e A Apr to May	1 CODA-KEM-82-0001 KSSBABC White, S C	SAME
	? UCR	KS ? ? e A May	1 CODA-KEM-82-0002 KSSBA Hilbert, B	SAME
	? UCR	KS ? ? e A May to Jun	1 CODA-KEM-82-0003 KSSBAG Salsbury, G A	SAME
Aphidius uzbekistanicus Luzhetzki Hymenoptera Aphidiidae	Spain BIRL EPL/FG	WA Benton 100e A Oct	1 WASUP-KSP-82-0001 WASUP Pike, K S	Rhopalosiphum padi (Linnaeus) bird cherry-oat aphid

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Aphytis sp.	China (PRC) UCR UCR/PD	CA Ventura 300e A Apr to May	1	UCR-RFL-82-0007-2 UCR	Aonidiella aurantii (Maskell) California red scale
Hymenoptera Aphelinidae					
	Japan, Honshu UCR UCR/MJR	CA Ventura 125e A Apr to May NOTE: 132	1	UCR-RFL-82-0009-2 UCR	SAME
	China (PRC) UCR	CA Ventura 400e A Apr to May	1	UCR-RFL-82-0018 UCR	SAME
Arrhenophagus chionaspidis	FL, Alachua UFG/BM	DC Washington City 51 A May	2	FBCL-RIS-82-0006-1 FNCL Rivnay, T	Pseudaulacaspis prunicola (Maskell) --
Aurivillius					
Hymenoptera Encyrtidae					
	FL, Alachua UFG/BM	DC Washington City 144 A May to Jun	2	FBCL-RIS-82-0007-1 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	DC Washington City 25 A Jul	1	FBCL-RIS-82-0015-2 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	DC Washington City 45 A Aug	1	FBCL-RIS-82-0016-3 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	MD Montgomery 15e A May	1	FBCL-RIS-82-0006-3 FNCL Rivnay, T	SAME

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Arrhenophagus chionaspidis Aurivillius Hymenoptera Encyrtidae	FL, Alachua UFG/BM	MD Montgomery 61e A 1 May to Jun	FBCL-RIS-82-0007-3 FNCL Rivnay, T Pseudaulacaspis prunicola (Maskell) --
	FL, Alachua UFG/BM	MD Montgomery 65 A 1 Aug	FBCL-RIS-82-0016-2 FNCL Rivnay, T SAME
	FL, Alachua UFG/BM	MD Prince Georges 16e A 1 May	FBCL-RIS-82-0006-2 FNCL Rivnay, T SAME
	FL, Alachua UFG/BM	MD Prince Georges 61e A 1 May to Jun	FBCL-RIS-82-0007-2 FNCL Rivnay, T SAME
	FL, Alachua UFG/BM	MD Prince Georges 77 A 2 Jul	FBCL-RIS-82-0015 FNCL Rivnay, T Pseudaulacaspis pentagona (Targioni-Tozzetti) white peach scale
	FL, Alachua UFG/BM	MD Prince Georges 112 A 1 Aug	FBCL-RIS-82-0016-1 FNCL Rivnay, T Pseudaulacaspis prunicola (Maskell) --
	USA-FL FBCL	MD Prince Georges 145 F 1 Aug to Sep	FNCL-TR-82-0001 FNCL Rivnay, T Rosen, D SAME

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Aspidiotiphagus sp. Hymenoptera Aphelinidae	China (PRC) UCR	CA Imperial 85 A 1 Apr to Jun	UCR-RFL-82-0014 UCR	Aonidiella aurantii (Maskell) California red scale
	China (PRC) UCR	CA Orange 100e A 1 Jan to Jun	UCR-RFL-82-0005 UCR	SAME
	China (PRC) UCR	CA Riverside 35 A 1 Apr	UCR-RFL-82-0016 UCR	SAME
	China (PRC) UCR	CA Tulare 150 A 2 May	UCR-RFL-82-0025 UCR	SAME
	China (PRC) UCR	CA Ventura 150 A 2 Feb	UCR-RFL-82-0008 UCR	SAME
Atholus coelestis Marsham Coleoptera Histeridae	Pakistan CIBCPS/RKS	CA Imperial 30 A 2 Aug	UCR-82-0039 UCR Legner, E F	Haematobia irritans (Linnaeus) horn fly
Atholus maindronii (Lewis) Coleoptera Histeridae	Pakistan CIBCPS/RKS	CA Imperial 100 A 2 Aug	UCR-82-0037 UCR Legner, E F	SAME
	Pakistan UCR CIBCPS/RKS	CA Tulare 148e A,L 1 Apr to May	UCR-EFL-82-0002 UCR	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	IA Adams 4800e PHL May	1 PPQNMI-TLB-82-3126-8 PPQSCIV Crouch, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	IA Allamakee 7200e PHL May	3 PPQNMI-TLB-82-3150 PPQSCIV Larson, R A	SAME
	MI, Berrien Co PPQNMI/	IA Buchanan 1440e PHL May	1 PPQNMI-TLB-82-3034-7 PPQSCIV Larson, R A	SAME
	MI, Cass Co PPQNMI/	IA Buchanan 4800e PHL May	2 PPQNMI-TLB-82-3150 PPQSCIV Larson, R A	SAME
	MI, Cass Co PPQNMI/	IA Butler 7200e PHL May	1 PPQNMI-TLB-82-3158-4 PPQSCIV McAdams, W	SAME
	MI, Cass Co PPQNMI/	IA Carroll 7200e PHL May	1 PPQNMI-TLB-82-3117-1 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/	IA Cedar 4320e PHL May	3 PPQNMI-TLB-82-3021 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNMI/	IA Cerro Gordo 7200e PHL May	1 PPQNMI-TLB-82-3158-3 PPQSCIV McAdams, W	SAME
	MI, Cass Co PPQNMI/	IA Chickasaw 7200e PHL May	2 PPQNMI-TLB-82-3158 PPQSCIV McAdams, W	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNM/	IA Clarke 4320e PHL May	3 PPQNM-TLB-82-3019 IADA Stoltenow, C R	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNM/	IA Crawford 7200e PHL May	3 PPQNM-TLB-82-3141 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNM/	IA Dallas 4320e PHL May	3 PPQNM-TLB-82-3019 IADA Stoltenow, C R	SAME
	MI, Berrien Co PPQNM/	IA Delaware 4320e PHL May	3 PPQNM-TLB-82-3034 PPQSCIV Larson, R A	SAME
	MI, Berrien Co PPQNM/	IA Des Moines 4320e PHL May	2 PPQNM-TLB-82-3027 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNM/	IA Fayette 7200e PHL May	3 PPQNM-TLB-82-3150 PPQSCIV Larson, R A	SAME
	MI, Cass Co PPQNM/	IA Hardin 7200e PHL May	2 PPQNM-TLB-82-3158 PPQSCIV McAdams, W	SAME
	MI, Cass Co PPQNM/	IA Harrison 7200e PHL May	2 PPQNM-TLB-82-3141 IADA Carlson, C E	SAME
	MI, Cass Co PPQNM/	IA Iowa 7200e PHL May	2 PPQNM-TLB-82-3170 IADA Campbell, J W	SAME

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Bathyplectes anurus (Tomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNM/	IA Jackson 4320e PHL May	3 PPQNM-TLB-82-3034 PPQSCIV Larson, R A	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNM/	IA Jasper 4320e PHL May	3 PPQNM-TLB-82-3016 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNM/	IA Jefferson 4320e PHL May	3 PPQNM-TLB-82-3006 PPQSCIV Molyneux, A	SAME
	MI, Berrien Co PPQNM/	IA Lee 4320e PHL May	3 PPQNM-TLB-82-3027 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNM/	IA Linn 7200e PHL May	1 PPQNM-TLB-82-3170-3 IADA Campbell, J W	SAME
	MI, Cass Co PPQNM/	IA Marshall 7200e PHL May	3 PPQNM-TLB-82-3117 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNM/	IA Monroe 4320e PHL May	3 PPQNM-TLB-82-3010 PPQSCIV Wallerich, G E	SAME
	MI, Cass Co PPQNM/	IA Montgomery 7200e PHL May	2 PPQNM-TLB-82-3126 PPQSCIV Crouch, J	SAME
	MI, Cass Co PPQNM/	IA Page 7200e PHL May	3 PPQNM-TLB-82-3126 PPQSCIV Crouch, J	SAME

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Releaser Acronym, Name</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Author, Common Name</u>	
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	IA Pottawattamie 7200e PHL May	1	PPQNMI-TLB-82-3126-9 PPQSCIV Crouch, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	IA Ringgold 7200e PHL May	1	PPQNMI-TLB-82-3126-6 PPQSCIV Crouch, J	SAME
	MI, Berrien Co PPQNMI/	IA Scott 4320e PHL May	3	PPQNMI-TLB-82-3021 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNMI/	IA Taylor 2400e PHL May	1	PPQNMI-TLB-82-3126-7 PPQSCIV Crouch, J	SAME
	MI, Berrien Co PPQNMI/	IA Warren 4320e PHL May	3	PPQNMI-TLB-82-3016 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/	IA Washington 4320e PHL May	3	PPQNMI-TLB-82-3006 PPQSCIV Molyneux, A	SAME
	MI, Berrien Co PPQNMI/	IA Wayne 4320e PHL May	3	PPQNMI-TLB-82-3010 PPQSCIV Wallerich, G E	SAME
	MI, Cass Co PPQNMI/	IA Webster 7200e PHL May	3	PPQNMI-TLB-82-3117 PPQSCIV Wallerich, G E	SAME
	MI, Cass Co PPQNMI/	IA Woodbury 7200e PHL May	3	PPQNMI-TLB-82-3141 IADA Carlson, C E	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Adams 21000e PHL May	3 PPQNMI-TLB-82-1231 PPQNEV Wikoff, J	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	IL Bond 21600e PHL May	1 PPQNMI-TLB-82-2261-8 PPQNEV Iverson, S S	SAME
	KY, Oldham Co PPQ/	IL Boone 21000e PHL May	3 PPQNMI-TLB-82-1273 PPQNEV Cleary, E	SAME
	IN, Harrison Co PPQ/	IL Bureau 21600e PHL May	3 PPQNMI-TLB-82-2291 PPQNEV Lovejoy, R D	SAME
	IN, Harrison Co PPQ/	IL Clark 21600e PHL May	1 PPQNMI-TLB-82-2273-6 PPQNEV Buchanan, K J	SAME
	IN, Harrison Co PPQ/	IL Coles 21600e PHL May	2 PPQNMI-TLB-82-2273 PPQNEV Buchanan, K J	SAME
	IN, Harrison Co PPQ/	IL Effingham 21600e PHL May	3 PPQNMI-TLB-82-2242 PPQNEV Sproat, B	SAME
	IN, Harrison Co PPQ/	IL Fayette 21600e PHL May	3 PPQNMI-TLB-82-2261 PPQNEV Iverson, S S	SAME
	IN, Harrison Co PPQ/	IL Hamilton 21600e PHL May	3 PPQNMI-TLB-82-2242 PPQNEV Sproat, B	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Henderson 21000e PHL May	3 PPQNMI-TLB-82-1231 PPQNEV Wikoff, J	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	IL Iroquois 28000e PHL May	4 PPQNMI-TLB-82-1258 PPQNEV Cummings, L	SAME
	IN, Harrison Co PPQ/	IL Jackson 21600e PHL May	3 PPQNMI-TLB-82-2251 PPQNEV Bradley, R	SAME
	KY, Oldham Co PPQ/	IL Kane 14000e PHL May	2 PPQNMI-TLB-82-1273 PPQNEV Cleary, E	SAME
	IN, Harrison Co PPQ/	IL Kane 7200e PHL May	1 PPQNMI-TLB-82-2251-7 PPQNEV Cleary, E A	SAME
	KY, Oldham Co PPQ/	IL Kendall 7000e PHL May	1 PPQNMI-TLB-82-1270-2 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Kendall 14400e PHL May	2 PPQNMI-TLB-82-2286 PPQNEV Keith, R M	SAME
	KY, Oldham Co PPQ/	IL Livingston 21000e PHL May	3 PPQNMI-TLB-82-1240 PPQNEV Anderson, D	SAME
	IN, Harrison Co PPQ/	IL Madison 21600e PHL May	2 PPQNMI-TLB-82-2261 PPQNEV Iverson, S S	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Schuyler 21000e PHL May	3 PPQNMJ-TLB-82-1231 PPQNEV Wikoff, J	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	IL Shelby 21600e PHL May	3 PPQNMJ-TLB-82-2273 PPQNEV Buchanan, K J	SAME
	KY, Oldham Co PPQ/	IL Stephenson 7000e PHL May	1 PPQNMJ-TLB-82-1270-3 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Stephenson 14400e PHL May	2 PPQNMJ-TLB-82-2286 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Union 21600e PHL May	3 PPQNMJ-TLB-82-2251 PPQNEV Bradley, R	SAME
	KY, Oldham Co PPQ/	IL Vermilion 28000e PHL May	3 PPQNMJ-TLB-82-1262 PPQNEV Cummings, L	SAME
	KY, Oldham Co PPQ/	IL Warren 21000e PHL May	3 PPQNMJ-TLB-82-1249 PPQNEV Lueders, T	SAME
	IN, Harrison Co PPQ/	IL Washington 21600e PHL May	2 PPQNMJ-TLB-82-2242 PPQNEV Sproat, B	SAME
	IN, Harrison Co PPQ/	IL Wayne 21600e PHL May	1 PPQNMJ-TLB-82-2258 PPQNEV Townsend, W	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Will 28000e PHL May	4 PPQNMI-TLB-82-1262 PPQNEV Cummings, L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	IL Will 198000e PHL May	1 PPQNMI-TLB-82-2298 PPQNEV Cummings, L	SAME
	KY, Oldham Co PPQ/	IL Winnebago 7000e PHL May	1 PPQNMI-TLB-82-1270-1 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Winnebago 7200e PHL May	1 PPQNMI-TLB-82-2286-3 PPQNEV Keith, R M	SAME
	KY, Oldham Co PPQ/	IL Woodford 21000e PHL May	3 PPQNMI-TLB-82-1240 PPQNEV Anderson, D	SAME
	MI, Cass Co PPQNMI/	IN Delaware 14430e PHL May	3 PPQNMI-TLB-82-3053 PPQNEV Sproat, B	SAME
	MI, Berrien Co PPQNMI/	IN Hamilton 7200e PHL May	3 PPQNMI-TLB-82-3000 PPQNEV Sproat, B	SAME
	KY, Oldham Co PPQ/	IN LaPorte 75000e PHL May	1 PPQNMI-TLB-82-1308 PPQNEV Teresinski, G G	SAME
	IN, Harrison Co PPQ/	IN, LaPorte 117000e PHL May	1 PPQNMI-TLB-82-2300 PPQNEV Teresinski, G G	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Cheyenne 4900e PHL May	1 PPQNMI-TLB-82-1139-2 PPQSCIV Shuman, M L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Clay 4900e PHL May	1 PPQNMI-TLB-82-2149-4 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Cloud 9800e PHL May	2 PPQNMI-TLB-82-2149 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Comanche 21000e PHL May	3 PPQNMI-TLB-82-2129 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Comanche 6000e PHL May	1 PPQNMI-TLB-82-2387-5 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Cowley 19600e PHL May	3 PPQNMI-TLB-82-2160 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Crawford 9800e PHL Apr	2 PPQNMI-TLB-82-2143 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Dickinson 9800e PHL May	1 PPQNMI-TLB-82-1134-1 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Dickinson 6000e PHL May	1 PPQNMI-TLB-82-2360-1 PPQSCIV Porterfield, L D	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>Target Host/Prey</u>	
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
			<u>Releaser Acronym, Name</u>	
			<u>* = Specimens Kept</u>	
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	KS Reno 4900e PHL May	1 PPQNMI-TLB-82-2160-7 KSSBAG Salsbury, G A	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	KS Russell 4900e PHL May	1 PPQNMI-TLB-82-1125-7 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Russell 12000e PHL May	1 PPQNMI-TLB-82-2360-4 PPQSCIV Porterfield, L	SAME
	KY, Oldham Co PPQ/	KS Scott 19600e PHL May	3 PPQNMI-TLB-82-1147 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Scott 12000e PHL May	1 PPQNMI-TLB-82-2392-2 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Sedgwick 28000e PHL May	4 PPQNMI-TLB-82-2129 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Sedgwick 3000e PHL May	1 PPQNMI-TLB-82-2387-4 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Shawnee 12000e PHL May	1 PPQNMI-TLB-82-2368 PPQSCIV Mitchell, V	SAME
	KY, Oldham Co PPQ/	KS Sheridan 4900e PHL May	1 PPQNMI-TLB-82-1139-6 PPQSCIV Shuman, M L	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Sherman 4900e PHL May	1 PPQNMI-TLB-82-1139-1 PPQSCIV Shuman, M L	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	KY Barren 30000e PHL May	3 PPQNMI-TLB-82-1283 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Christian 30000e PHL May	3 PPQNMI-TLB-82-1290 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Hart 30000e PHL May	3 PPQNMI-TLB-82-1283 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Laurel 1020e PHL Apr	1 PPQNMI-TLB-82-1001 UKYEXT Claiborne, P	SAME
	KY, Oldham Co PPQ/	KY Laurel 10000e PHL May	2 PPQNMI-TLB-82-1226 UKYEXT Claiborne, P	SAME
	KY, Oldham Co PPQ/	KY Lincoln 60000e PHL May	3 PPQNMI-TLB-82-1302 PPQSEIII Smith, W	SAME
	KY, Oldham Co PPQ/	KY Logan 10000e PHL May	1 PPQNMI-TLB-82-1290-4 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Madison 30000e PHL May	3 PPQNMI-TLB-82-1305 PPQSEIII Smith, W	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KY Marion 10000e PHL May	1 PPQNMI-TLB-82-1283-1 UKY Parr, J C	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	KY Pulaski 5000e PHL May	1 PPQNMI-TLB-82-1226-1 UKYEXT Claiborne, P	SAME
	KY, Oldham Co PPQ/	KY Rockcastle 1020e PHL Apr	1 PPQNMI-TLB-82-1060 PPQSEIII Mills, T	SAME
	KY, Oldham Co PPQ/	KY Rockcastle 15000e PHL May	2 PPQNMI-TLB-82-1227 PPQSEIII Mills, T	SAME
	KY, Oldham Co PPQ/	KY Warren 20000e PHL May	2 PPQNMI-TLB-82-1290 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Washington 20000e PHL May	2 PPQNMI-TLB-82-1281 UKYEXT Greenwell, R	SAME
	KY, Oldham Co PPQ/	KY Wayne 3060e PHL Apr	3 PPQNMI-TLB-82-1057 UKYEXT Radford, M	SAME
	KY, Oldham Co PPQ/	KY Wayne 15000e PHL May	3 PPQNMI-TLB-82-1221 UKYEXT Radford, M	SAME
	MI, Cass Co PPQNMI/	MI Alcona 7200e PHL May	1 PPQNMI-TLB-82-3248 MIBB Buchner, B	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	MI Genesee 7200e PHL May	3 PPQNMI-TLB-82-3213 PPQNEV Martin, E	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	MI Gladwin 7200e PHL May	3 PPQNMI-TLB-82-3177 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Gogebic 7200e PHL May	2 PPQNMI-TLB-82-3242 PPQNEV Ruppe, J	SAME
	MI, Cass Co PPQNMI/	MI Grand Traverse 7200e PHL May	3 PPQNMI-TLB-82-3266 MISUEXT McManus, G	SAME
	MI, Cass Co PPQNMI/	MI Gratiot 7200e PHL May	2 PPQNMI-TLB-82-3183 PPQNEV Earl, T R	SAME
	MI, Cass Co PPQNMI/	MI Hillsdale 7200e PHL May	3 PPQNMI-TLB-82-3272 PPQNEV Eibling, J R	SAME
	MI, Cass Co PPQNMI/	MI Houghton 7200e PHL May	3 PPQNMI-TLB-82-3239 MISUEXT Clark, R J	SAME
	MI, Cass Co PPQNMI/	MI Huron 7200e PHL May	3 PPQNMI-TLB-82-3197 PPQNEV Waisanen, W	SAME
	MI, Cass Co PPQNMI/	MI Ingham 7200e PHL May	3 PPQNMI-TLB-82-3213 PPQNEV Martin, E	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	MI Oakland 7200e PHL May	3 PPQNMI-TLB-82-3209 PPQNEV Martin, E	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	MI Ogemaw 7200e PHL May	3 PPQNMI-TLB-82-3188 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Osceola 7200e PHL May	3 PPQNMI-TLB-82-3188 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Presque Isle 7200e PHL May	3 PPQNMI-TLB-82-3251 PPQNEV Ganger, J	SAME
	MI, Cass Co PPQNMI/	MI St Clair 7200e PHL May	3 PPQNMI-TLB-82-3197 PPQNEV Waisanen, W	SAME
	MI, Cass Co PPQNMI/	MI St Joseph 7200e PHL May	3 PPQNMI-TLB-82-3272 PPQNEV Eibling, J R	SAME
	MI, Cass Co PPQNMI/	MI Washtenaw 7200e PHL May	3 PPQNMI-TLB-82-3209 PPQNEV Martin, E	SAME
	KY, Oldham Co PPQ/	MO Adair 10500e PHL May	3 PPQNMI-TLB-82-1157 PPQSCIV Wallerich, J L	SAME
	KY, Oldham Co PPQ/	MO Buchanan 17500e PHL May	3 PPQNMI-TLB-82-1194 MODA Burgess, L P	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	MO Camden 14000e PHL May	2 PPQNMI-TLB-82-2186 UMOEXT Rycyk, F	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	MO Christian 7000e PHL May	2 PPQNMI-TLB-82-1167 MODA Carmichael, O E	SAME
	IN, Harrison Co PPQ/	MO Clay 4900e PHL May	1 PPQNMI-TLB-82-2169 MODA Burgess, L P	SAME
	KY, Oldham Co PPQ/	MO Clinton 10500e PHL May	3 PPQNMI-TLB-82-1194 MODA Burgess, L P	SAME
	IN, Harrison Co PPQ/	MO Cole 7000e PHL May	1 PPQNMI-TLB-82-2185 MODA Francka, J E	SAME
	IN, Harrison Co PPQ/	MO Cooper 21000e PHL May	3 PPQNMI-TLB-82-2186 UMOEXT Rycyk, F	SAME
	KY, Oldham Co PPQ/	MO Dade 10500e PHL May	3 PPQNMI-TLB-82-1167 MODA Carmichael, O E	SAME
	KY, Oldham Co PPQ/	MO Dallas 3500e PHL May	1 PPQNMI-TLB-82-1167-5 MODA Carmichael, O E	SAME
	KY, Oldham Co PPQ/	MO Daviess 10500e PHL May	3 PPQNMI-TLB-82-1187 PPQSCIV Nichols, R W	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	MO Dent 21000e PHL May	1 PPQNMI-TLB-82-2179-1 UMO Brandenburg, R L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	MO Franklin 21000e PH; May	3 PPQNMI-TLB-82-2191 PPQSCIV MacRae, T C	SAME
	IN, Harrison Co PPQ/	MO Gasconade 21000e PHL May	3 PPQNMI-TLB-82-2232 PPQSCIV Wallerich, J L	SAME
	KY, Oldham Co PPQ/	MO Gentry 3500e PHL May	1 PPQNMI-TLB-82-1184-4 PPQSCIV Conner, F E	SAME
	IN, Harrison Co PPQ/	MO Greene 180000e PHL May	1 PPQNMI-TLB-82-2357 PPQSCIV Brennecke, B J	SAME
	KY, Oldham Co PPQ/	MO Grundy 14000e PHL May	3 PPQNMI-TLB-82-1190 UMOEXT Hexem, R O	SAME
	KY, Oldham Co PPQ/	MO Henry 10500e PHL May	3 PPQNMI-TLB-82-1178 UMOEXT Lindell, D L	SAME
	IN, Harrison Co PPQ/	MO Iron 21000e PHL May	3 PPQNMI-TLB-82-2203 UMOEXT Zielinski, M	SAME
	KY, Oldham Co PPQ/	MO Jasper 7000e PHL May	2 PPQNMI-TLB-82-1160 MODA Carmichael, O E	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	MO Marion 21000e PHL May	3 PPQNMI-TLB-82-2170 PPQSCIV Wallerich, J L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	MO Montgomery 21000e PHL May	3 PPQNMI-TLB-82-2235 PPQSCIV Courtney, D F	SAME
	KY, Oldham Co PPQ/	MO Newton 10500e PHL May	3 PPQNMI-TLB-82-1160 MODA Carmichael, O E	SAME
	IN, Harrison Co PPQ/	MO Osage 21000e PHL May	2 PPQNMI-TLB-82-2176 UMOEXT Rycyk, F	SAME
	KY, Oldham Co PPQ/	MO Pettis 10500e PHL May	3 PPQNMI-TLB-82-1178 UMOEXT Lindell, D L	SAME
	IN, Harrison Co PPQ/	MO Pike 21000e PHL May	3 PPQNMI-TLB-82-2235 PPQSCIV Courtney, D F	SAME
	KY, Oldham Co PPQ/	MO Platte 14000e PHL May	3 PPQNMI-TLB-82-1194 MODA Burgess, L P	SAME
	KY, Oldham Co PPQ/	MO Schuyler 300000e PHL May	1 PPQNMI-TLB-82-1353 PPQSCIV Harrison, H	SAME
	IN, Harrison Co PPQ/	MO Scott 21000e PHL May	3 PPQNMI-TLB-82-2208 MODAS Hanning, L	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	NC Robeson 10200e PHL Apr	1 PPQNMI-TLB-82-2115 PPQSEIV Lowry, A R Calhoun, L E	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	ND Burleigh 5700e PHL Jun	3 PPQNMI-TLB-82-3330 PPQWV Winks, L K	SAME
	MI, Berrien Co PPQNMI/	ND McKenzie 11400e PHL Jun	4 PPQNMI-TLB-82-3324 NDDA Brandvik, W J	SAME
	KY, Oldham Co PPQ/	NE Blaine 5000e PHL May	1 PPQNMI-TLB-82-1340-3 PPQSCIV Rabe, G G	SAME
	KY, Oldham Co PPQ/	NE Buffalo 10000e PHL May	1 PPQNMI-TLB-82-1309 UNEEXT Roeber, R	SAME
	IN, Harrison Co PPQ/	NE Cherry 42000e PHL May	6 PPQNMI-TLB-82-2320 PPQSCIV Aldridge, G R	SAME
	IN, Harrison Co PPQ/	NE Cherry 18000e PHL May	3 PPQNMI-TLB-82-2354 UNEEXT Stokely, H	SAME
	KY, Oldham Co PPQ/	NE Custer 10000e PHL May	2 PPQNMI-TLB-82-1340 PPQSCIV Rabe, G G	SAME
	KY, Oldham Co	NE Custer 15000e PHL May	1 PPQNMI-TLB-82-1347 PPQSCIV Aldridge, G R	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	NE Custer 7200e PHL May	2 PPQNMI-TLB-82-2339 PPQSCIV Aldridge, G R	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	NE Dawson 18000e PHL May	3 PPQNMI-TLB-82-2303 FRRU Manglitz, G R	SAME
	KY, Oldham Co PPQ/	NE Deuel 15000e PHL May	3 PPQNMI-TLB-82-1337 UNEEXT Sall, R	SAME
	KY, Oldham Co PPQ/	NE Dundy 15000e PHL May	3 PPQNMI-TLB-82-1344 PPQSCIV Schade, J M	SAME
	KY, Oldham Co PPQ/	NE Franklin 15000e PHL May	3 PPQNMI-TLB-82-1323 PPQSCIV UNEEXT Miller, N D Schneider, L	SAME
	KY, Oldham Co PPQ/	NE Furnas 30000e PHL May	5 PPQNMI-TLB-82-1314 UNEEXT Mues, N	SAME
	IN, Harrison Co PPQ/	NE Gage 18000e PHL May	3 PPQNMI-TLB-82-2309 UNEEXT Germer, L	SAME
	KY, Oldham Co PPQ/	NE Hall 15000e PHL May	3 PPQNMI-TLB-82-1311 PPQSCIV Drudik, T	SAME
	IN, Harrison Co PPQ/	NE Hamilton 18000e PHL May	3 PPQNMI-TLB-82-2327 UNEEXT Cranfill, J C	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
			<u>Releaser Acronym, Name</u>	
			<u>* = Specimens Kept</u>	
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	NE Harlan 15000e PHL May	2 PPQNMI-TLB-82-1320 UNEEXT Anderson, T	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	NE Hitchcock 15000e PHL May	3 PPQNMI-TLB-82-1332 UNEEXT Danielson, S	SAME
	IN, Harrison Co PPQ/	NE Howard 18000e PHL May	3 PPQNMI-TLB-82-2324 UNEEXT Klahr, M	SAME
	IN, Harrison Co PPQ/	NE Keith 18000e PHL May	3 PPQNMI-TLB-82-1350 PPQSCIV Lambert, J	SAME
	KY, Oldham Co PPQ/	NE Lincoln 30000e PHL May	1 PPQNMI-TLB-82-1326 UNEEXT O'Brien, D	SAME
	IN, Harrison Co PPQ/	NE Morrill 30000e PHL May	5 PPQNMI-TLB-82-2333 PPQSCIV O'Dea, D	SAME
	IN, Harrison Co PPQ/	NE Nance 18000e PHL May	3 PPQNMI-TLB-82-2321 PPQSCIV Niemeyer, S	SAME
	IN, Harrison Co PPQ/	NE Nuckolls 18000e PHL May	3 PPQNMI-TLB-82-2312 UNEEXT Hawley, C	SAME
	KY, Oldham Co PPQ/	NE Perkins 15000e PHL May	3 PPQNMI-TLB-82-1334 UNEEXT Peterson, L A	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	NE Platte 18000e PHL May	3 PPQNMI-TLB-82-2301 UNEEXT Voboril, R M	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	NE Saunders 18000e PHL May	3 PPQNMI-TLB-82-2303 FRRU UNE Stevens, H J Rethwisch, M	SAME
	IN, Harrison Co PPQ/	NE Scotts Bluff 18000e PHL May	2 PPQNMI-TLB-82-2330 PPQSCIV Sandine, M	SAME
	IN, Harrison Co PPQ/	NE Seward 18000e PHL May	2 PPQNMI-TLB-82-2318 PPQSCIV Stuefer-Powell, C L	SAME
	IN, Harrison Co PPQ/	NE Sheridan 42000e PHL May	6 PPQNMI-TLB-82-2339 PPQSCIV Aldridge, G R	SAME
	IN, Harrison Co PPQ/	NE Thayer 18000e PHL May	2 PPQNMI-TLB-82-2315 PPQSCIV Widdicombe, K	SAME
	MI, Cass Co PPQNMI/	OH Crawford 9620e PHL May	2 PPQNMI-TLB-82-3056 PPQNEV Zechman, J Wille, S	SAME
	MI, Cass Co PPQNMI/	OH Crawford 4810e PHL May	1 PPQNMI-TLB-82-3079 PPQNEV Zechman, J Wille, S	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	OH Franklin 4810e PHL May	1 PPQNMI-TLB-82-3080 PPQNEV Ward, A W	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	OH Franklin 4810e PHL May	1 PPQNMI-TLB-82-3091 PPQNEV Ward, A W	SAME
	MI, Cass Co PPQNMI/	OH Franklin 4810e PHL May	1 PPQNMI-TLB-82-3093 PPQNEV Ward, A W	SAME
	KY, Oldham Co PPQ/	OK Alfalfa 4080e PHL Apr	1 PPQNMI-TLB-82-1071 PPQSCII Crossland, S	SAME
	IN, Harrison Co PPQ/	OK Beckham 3400e PHL Apr	2 PPQNMI-TLB-82-2078 PPQSCII Thomas, J H Cole, B E	SAME
	KY, Oldham Co PPQ/	OK Beckham 102000e PHL May	1 PPQNMI-TLB-82-1100 PPQSCII Thomas, J H Cole, B E	SAME
	KY, Oldham Co PPQ/	OK Beckham 220500e PHL May	1 PPQNMI-TLB-82-1153 PPQSCII Thomas, J H	SAME
	IN, Harrison Co PPQ/	OK Beckham 210000e PHL May	1 PPQNMI-TLB-82-2241 PPQSCII Thomas, J H	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	OK Beckham 243000e PHL May	1 PPQNMI-TLB-82-2359 PPQSCII Thomas, J H	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	OK Bryan 5100e PHL Apr	3 PPQNMI-TLB-82-2074 OKSDA Michael, O	SAME
	IN, Harrison Co PPQ/	OK Creek 6120e PHL Apr	3 PPQNMI-TLB-82-2051 OKSDA Fleer, G C	SAME
	IN, Harrison Co PPQ/	OK Custer 6120e PHL Apr	3 PPQNMI-TLB-82-2057 OKSDA Dudek, C	SAME
	KY, Oldham Co PPQ/	OK Ellis 2040e PHL Apr	1 PPQNMI-TLB-82-1073-1 OKSDA Molnar, D	SAME
	IN, Harrison Co PPQ/	OK Garvin 5100e PHL Apr	1 PPQNMI-TLB-82-2065 OKSDA Fuller, M	SAME
	KY, Oldham Co PPQ/	OK Grant 6120e PHL Apr	3 PPQNMI-TLB-82-1068 PPQSCII Morton, R	SAME
	IN, Harrison Co PPQ/	OK Greer 1700e PPQNMI Apr	1 PPQNMI-TLB-82-2078-3 PPQSCII Thomas, J H Cole, B E	SAME
	KY, Oldham Co PPQ/	OK Harper 4080e PHL Apr	2 PPQNMI-TLB-82-1073 OKSDA Molnar, D	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	US, NJ, PA, OH, VA, WV+ PPQ/	SD Lyman 600e A 3 Jun	PPQNMJ-TLB-82-2108 SDDA Krsnak, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMJ/	SD Lyman 3420e PHL 3 Jun	PPQNMJ-TLB-82-3335 SDDA Krsnak, J	SAME
	MI, Berrien Co PPQNMJ/	SD Meade 2280e PHL 1 Jun	PPQNMJ-TLB-82-3333-3 PPQWV McClanahan, S A	SAME
	MI, Berrien Co PPQNMJ/	SD Pennington 1900e PHL 1 Jun	PPQNMJ-TLB-82-3333-1 PPQWV McClanahan, S A	SAME
	KY, Oldham Co PPQ/	TN Bedford 3060e PHL 3 Apr	PPQNMJ-TLB-82-1022 UTNEXT Gordon, D H	SAME
	KY, Oldham Co PPQ/	TN Bradley 3060e PHL 3 Apr	PPQNMJ-TLB-82-1031 PPQSEIII Harris, R F	SAME
	IN, Harrison Co PPQ/	TN Bradley 21000e PHL 3 May	PPQNMJ-TLB-82-2215 PPQSEIII Harris, R F	SAME
	IN, Harrison Co PPQ/	TN Carroll 4080e PHL 1 Apr	PPQNMJ-TLB-82-2045 UTNEXT Keeton, B B	SAME
	KY, Oldham Co PPQ/	TN Clay 3060e PHL 3 Apr	PPQNMJ-TLB-82-1054 UTNEXT Beaty, J C	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Coffee 3060e PHL Apr	3 PPQNM1-TLB-82-1016 UTNEXT Taylor, J L	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	TN Cumberland 3060e PHL Apr	3 PPQNM1-TLB-82-1043 UTNEXT Thackston, R	SAME
	IN, Harrison Co PPQ/	TN Davidson 4080e PHL Apr	3 PPQNM1-TLB-82-2012 UTNEXT Knight, F E	SAME
	IN, Harrison Co PPQ/	TN Dickson 4080e PHL Apr	3 PPQNM1-TLB-82-2009 UTNEXT Shepard, M O	SAME
	IN, Harrison Co PPQ/	TN Dyer 4080e PHL Apr	3 PPQNM1-TLB-82-2032 PPQSEIII Stafford, B G	SAME
	KY, Oldham Co PPQ/	TN Dyer 15000e PHL May	3 PPQNM1-TLB-82-1214 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Fayette 2720e PHL Apr	2 PPQNM1-TLB-82-2030 UTNEXT Jackson, W R	SAME
	KY, Oldham Co PPQ/	TN Fayette 10000e PHL May	2 PPQNM1-TLB-82-1212 UTNEXT Jackson, W R	SAME
	KY, Oldham Co PPQ/	TN Fentress 2040e PHL Apr	2 PPQNM1-TLB-82-1046 UTNEXT Smith, R D	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Franklin 3060e PHL Apr	3 PPQNMI-TLB-82-1019 UTNEXT Carr, P	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	TN Giles 4080e PHL Apr	3 PPQNMI-TLB-82-2021 UTNEXT Taylor, J D	SAME
	IN, Harrison Co PPQ/	TN Giles 210000e PHL May	1 PPQNMI-TLB-82-2228 PPQSEIII Watson, E B	SAME
	IN, Harrison Co PPQ/	TN Henry 4080e PHL Apr	3 PPQNMI-TLB-82-2038 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Lake 1360e PHL Apr	1 PPQNMI-TLB-82-2038-4 PPQSEIII Stafford, B G	SAME
	KY, Oldham Co PPQ/	TN Lake 5000e PHL May	1 PPQNMI-TLB-82-1214-1 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Lauderdale 4080e PHL Apr	3 PPQNMI-TLB-82-2032 PPQSEIII Stafford, B G	SAME
	KY, Oldham Co PPQ/	TN Lauderdale 15000e PHL May	3 PPQNMI-TLB-82-1214 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Lawrence 4080e PHL Apr	3 PPQNMI-TLB-82-2024 UTNEXT Matthews, J T	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Montgomery 15000e PHL May	3	PPQNM1-TLB-82-1203 PPQSEIII Loucks, M V	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	TN Obion 4080e PHL Apr	3	PPQNM1-TLB-82-2042 UTNEXT Grooms, C Morton, J	SAME
	KY, Oldham Co PPQ/	TN Overton 3060e PHL Apr	3	PPQNM1-TLB-82-1051 UTNEXT Garrison, H B	SAME
	KY, Oldham Co PPQ/	TN Putnam 3060e PHL Apr	3	PPQNM1-TLB-82-1048 UTNEXT Luna, R M	SAME
	IN, Harrison Co PPQ/	TN Robertson 4080e PHL Apr	3	PPQNM1-TLB-82-2000 PPQSEIII Loucks, M V	SAME
	KY, Oldham Co PPQ/	TN Robertson 15000e PHL May	3	PPQNM1-TLB-82-1203 PPQSEIII Loucks, M V	SAME
	KY, Oldham Co PPQ/	TN Rutherford 3060e PHL Apr	3	PPQNM1-TLB-82-1009 PPQSEIII Watson, E B	SAME
	KY, Oldham Co PPQ/	TN Smith 2040e PHL Apr	2	PPQNM1-TLB-82-1003 UTNEXT Cole, J D	SAME
	IN, Harrison Co PPQ/	TN Sumner 4080e PHL Apr	3	PPQNM1-TLB-82-2000 PPQSEIII Loucks, M V	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/	WI Brown 2160e PHL Jun	3 PPQNMI-TLB-82-3315 PPQNEV Bedford, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	WI Buffalo 14430e PHL May	3 PPQNMI-TLB-82-3082 UWIEXT Brovold, A	SAME
	MI, Berrien Co PPQNMI/	WI Chippewa 2160e PHL Jun	3 PPQNMI-TLB-82-3299 UWIEXT Kraemer, C	SAME
	MI, Berrien Co PPQNMI/	WI Clark 2160e PHL Jun	3 PPQNMI-TLB-82-3296 PPQNEV Line, H E	SAME
	MI, Cass Co PPQNMI/	WI Columbia 9620e PHL May	2 PPQNMI-TLB-82-3094 UWIEXT VanFleet, R	SAME
	MI, Cass Co PPQNMI/	WI Crawford 4810e PHL May	1 PPQNMI-TLB-82-3062 UWIEXT Daentl, D	SAME
	MI, Cass Co PPQNMI/	WI Dane 9620e PHL May	2 PPQNMI-TLB-82-3075 UWIEXT O'Connell, T	SAME
	MI, Cass Co PPQNMI/	WI Dane 4810e PHL May	1 PPQNMI-TLB-82-3076 UWIEXT O'Connell, T	SAME
	MI, Cass Co PPQNMI/	WI Dodge 14430e PHL May	3 PPQNMI-TLB-82-3100 UWIEXT Fanta, J	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNM/	WI Manitowoc 14430e PHL May	3 PPQNM-TLB-82-3095 UWTEXT Hendrickson, S	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNM/	WI Marathon 2160e PHL Jun	3 PPQNM-TLB-82-3309 UWTEXT Martin, L J	SAME
	MI, Cass Co PPQNM/	WI Monroe 14430e PHL May	3 PPQNM-TLB-82-3064 UWTEXT Olson, D N	SAME
	MI, Berrien Co PPQNM/	WI Outagamie 2160e PHL Jun	3 PPQNM-TLB-82-3316 UWTEXT Luckow, R	SAME
	MI, Berrien Co PPQNM/	WI Pierce 2160e PHL Jun	3 PPQNM-TLB-82-3287 UWTEXT Drewiske, B	SAME
	MI, Berrien Co PPQNM/	WI Polk 2160e PHL Jun	3 PPQNM-TLB-82-3293 UWTEXT Draxler, D Hayward, J T	SAME
	MI, Berrien Co PPQNM/	WI Portage 2880e PHL Jun	4 PPQNM-TLB-82-3305 UWTEXT Ankley, D	SAME
	MI, Cass Co PPQNM/	WI Rock 14430e PHL May	3 PPQNM-TLB-82-3061 UWTEXT Nehring, D P	SAME
	MI, Cass Co PPQNM/	WI Sauk 14430e PHL May	3 PPQNM-TLB-82-3086 WICCSC Liegel, E	SAME

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	WI Waushara 4810e PHL May	1 PPQNMI-TLB-82-3092 UWIEXT Olson, M	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	WV Roane 30000e PHL May	3 PPQNMI-TLB-82-1296 PPQNEVII Tustin, A E	SAME
	KY, Oldham Co PPQ/	WV Upshur 30000e PHL May	2 PPQNMI-TLB-82-1296 PPQNEVII Tustin, A E	SAME
Bathyplectes curculionis (Thomson) Hymenoptera Ichneumonidae	KY IN PPQ/	AR ? e PHL Apr to May NOTE: 079	? PPQNMI-TLB-82-4020	SAME
	MI, Berrien Co MI, Cass Co PPQNMI/	IA ? e PHL May NOTE: 079	? PPQNMI-TLB-82-4028	SAME
	KY IN PPQ/	IL ? e PHL May NOTE: 079	? PPQNMI-TLB-82-4022	SAME
	KY IN MI PPQ/	IN ? e PHL May NOTE: 079	? PPQNMI-TLB-82-4026	SAME
	KY IN PPQ/	KS ? e PHL May NOTE: 079	? PPQNMI-TLB-82-4017	SAME

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Bathyplectes curculionis (Thomson) Hymenoptera Ichneumonidae	KY IN PPQ/	OK ? e PHL ? Apr to May NOTE: 079	PPQNMNI-TLB-82-4013	Hypera postica (Gyllenhal) alfalfa weevil
	KY IN PPQ/	SC ? e PHL ? Apr NOTE: 079	PPQNMNI-TLB-82-4016	SAME
	MI, Berrien Co PPQNMNI/	SD ? e PHL ? Jun NOTE: 079	PPQNMNI-TLB-82-4036	SAME
	KY IN PPQ/	TN ? e PHL ? Apr to May NOTE: 079	PPQNMNI-TLB-82-4010	SAME
	MI, Cass Co MI, Berrien Co PPQNMNI/	WI ? e PHL ? May to Jun NOTE: 079	PPQNMNI-TLB-82-4030	SAME
	KY PPQ/	WV ? e PHL ? May NOTE: 079	PPQNMNI-TLB-82-4024	SAME
Bathyplectes stenostigma (Thomson) Hymenoptera Ichneumonidae	USA, CO CODA/	AR Washington 568e A 1 Apr	BIRL-82-0039 UAR Miner, F D	SAME

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Bathyplectes stenostigma (Thomson) Hymenoptera Ichneumonidae	USA, CO CODA/	KS Montgomery 264e A 1 Apr	BIRL-82-0046 KSSBABC White, S C	Hypera postica (Gyllenhal) alfalfa weevil
	USA, CO CODA/	MO Schuyler 344 A 1 May	BIRL-82-0071 PPQSCIV Wallerich, J L	SAME
Biosteres sublaevis Wharton Hymenoptera Braconidae	USA, HI UCB	CA San Luis Obispo 153 A ? Sep	UCB-KSH-82-0055 UCB	Rhagoletis completa Cresson walnut husk fly
Brachymeria intermedia (Nees) Hymenoptera Chalcididae	Germany? ?	CO Las Animas 4300e A ? Sep	CODA-DMN-82-0004 CODA Nees, D M	Hemileuca oliviae Cockerell range caterpillar
	Spain, Morocco, India BIRL	CT New London 1000e A 1 Jul	NJDA-RJC-82-0007 CTAES Erny, R	Lymantria dispar (Linnaeus) gypsy moth
	Spain, Morocco, India BIRL	NJ Camden 29000e A, P 1 Jun to Jul	NJDA-RJC-82-0006 NJDA NJRU Bullock, R H Lashomb, J H	SAME
	Spain, Morocco, India BIRL	NJ Hunterdon 1000e A, P 1 Aug	NJDA-RJC-82-0010-1 NJDA Mina, P J	Hyphantria cunea (Drury) fall webworm

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Brachymeria intermedia (Nees) Hymenoptera Chalcididae	Spain, Morocco, India BIRL	NJ Warren 5747e A, P Aug	2 NJDA-RJC-82-0010 NJDA Mackenthun, D	Hyphantria cunea (Drury) fall webworm
	Spain, Morocco, India BIRL	VA Fairfax 6000e A, P Jul	? NJDA-RJC-82-0008 VADF	Lymantria dispar (Linnaeus) gypsy moth
	Germany? CODA	WI Dane 1670e A Jul	2 UWI-HCC-82-0001 UWI Coppel, H C Mohamed, M	SAME other lepidopterous alternate hosts
Brachymeria lasus (Walker) Hymenoptera Chalcididae	Japan NJDA	CO Las Animas 7800e A Sep	? CODA-DMN-82-0005 CODA Nees, D M	Hemileuca oliviae Cockerell range caterpillar
	Japan CODA NJDA	WI Dane 120e A Jul	1 UWI-HCC-82-0002 UWI Coppel, H C Mohamed, M	Lymantria dispar (Linnaeus) gypsy moth other lepidopterous alternate hosts
Bracon gelechiae Ashmead Hymenoptera Braconidae	Pakistan UCR CIBCPS/AIM	CA Butte 1000e A Aug	1 UCR-EFL-82-0009 UCR	Amyelois transitella (Walker) navel orangeworm

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Cales noacki Howard Hymenoptera Aphelinidae	HI, Honolulu HDA/BRK	HI Maui (Lanai I) 75 A 1 Jan	HDA-BRK-82-0005 HDAM Miyahira, N	Aleurothrixus floccosus (Maskell) woolly whitefly
	HI, Honolulu HDA/BRK	HI Maui (Lanai I) 200 A 1 Apr	HDA-BRK-82-0020 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 300 A 1 Jul	HDA-BRK-82-0027 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 25 A 1 Sep	HDA-BRK-82-0035 UHIEXT Arakaki, A	SAME
Calvia quatrordecimguttata (Linnaeus) Coleoptera Coccinellidae	Japan, Hokkaido BIRL APL/RWC, KI	WA Klickitat 624 A,L 1 May to Aug	YARL-REF-82-0004-2 YARL Fye, R E	Psylla pyricola Förster pear psylla
	Japan, Hokkaido BIRL APL/RWC, KI	WA Yakima 1091 L 1 May to Aug	YARL-REF-82-0004-1 YARL Fye, R E	SAME
Campoplex frustranae Cushman Hymenoptera Ichneumonidae	USA, GA UCR	CA Orange 150e A 1 Jun	UCR-RFL-82-0030 UCR	Rhyacionia frustrana (Comstock) Nantucket pine tip moth
	USA, GA UCR	CA Riverside 250e A 1 Jun	UCR-RFL-82-0031 UCR	SAME

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Campoplex n. sp. Hymenoptera Ichneumonidae	Mexico HDA	HI Hawaii 55e A 1 Mar	HDAM-NM-82-0010 HDAH Yoshioka, E R	Keiferia lycopersicella (Walsingham) tomato pinworm
	Mexico HDA	HI Maui 1853 A 2 Jan	HDAM-NM-82-0001 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 982 A 2 Feb	HDAM-NM-82-0004 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1028 A 1 Mar	HDAM-NM-82-0009 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1551 A 3 Apr	HDAM-NM-82-0014 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1706 A 2 May	HDAM-NM-82-0017 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 2832 A 3 Jun to Jul	HDAM-NM-82-0020 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1120 A 2 Aug	HDAM-NM-82-0025 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 4355 A 1 Sep to Nov	HDAM-NM-82-0029 HDAM Miyahira, N	SAME

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Cerchysiella utilis (Noyes) Hymenoptera Encyrtidae	Kenya HDA HDA/KTM	HI Maui 6059 A 2 Jun	HDAM-NM-82-0022 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 3380 A 4 Jul	HDAM-NM-82-0024 HDAM Miyahira, N	SAME Carpophilus humeralis (Fabricius) pineapple souring beetle
	Kenya HDA HDA/KTM	HI Maui 1720 A 2 Aug	HDAM-NM-82-0028 HDAM Miyahira, N	SAME Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 1567 A 2 Oct	HDAM-NM-82-0033 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM HDA/RAH	HI Maui 9082 A 4 Nov	HDAM-NM-82-0034 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle

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Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Honolulu	1305 A 2 May	HDA-KTM-82-0024 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu	380 A 1 Jul	HDA-KTM-82-0046 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu	1650 A 2 Aug	HDA-KTM-82-0055 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu	680 A 1 Sep	HDA-KTM-82-0066 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

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Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Honolulu 530 A 1 Dec	HDA-KTM-82-0088 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 4950e A 2 May to Jun	HDA-KTM-82-0025 HDA Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 3490e A 2 Jul	HDA-KTM-82-0047 HDAM Miyahira, N	SAME Liriomyza sativae Blanchard vegetable leafminer
	USA CA HDA HDA/RMB	HI Maui 1550e A 2 Aug	HDA-KTM-82-0056 HDAM Miyahira, N	SAME Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 1780e A 2 Nov	HDA-KTM-82-0080 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

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Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Maui 2000e A 1 Dec	HDA-KTM-82-0089 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui (Molokai I) 700e A ? May NOTE: 036	HDA-KTM-82-0026 UHIEXT Arakaki, A	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Hawaii 1550e A 3 Jun	HDA-KTM-82-0035 HDAH Yoshioka, E R	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Hawaii 250e A 1 Nov	HDA-KTM-82-0079 HDAH Yoshioka, E R	SAME Liriomyza sativae Blanchard vegetable leafminer
	Trinidad HDA	HI Honolulu 2790 A 2 Jan	HDA-KTM-82-0001 HDA Murai, K T	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer

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Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Honolulu 6740 A 1 Feb	HDA-KTM-82-0006 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Honolulu 4995 A 2 Mar	HDA-KTM-82-0011 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Honolulu 3750 A 2 Apr	HDA-KTM-82-0016 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Honolulu 850 A 2 May	HDA-KTM-82-0021 HDA Murai, K T	SAME Liriomyza sativae Blanchard vegetable leafminer
	Trinidad HDA	HI Honolulu 500 A 1 Aug	HDA-KTM-82-0053 HDA Murai, K T	SAME Liriomyza trifolii (Burgess) leafminer

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Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Maui 2900e A 2 May	HDA-KTM-82-0022 HDAM Miyahira, N	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
	Trinidad HDA	HI Maui 4650e A 2 Jun	HDA-KTM-82-0034 HDAM Miyahira, N	SAME Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 3100e A 3 Jul	HDA-KTM-82-0045 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 675e A 1 Aug	HDA-KTM-82-0054 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 2400e A 1 Sep	HDA-KTM-82-0065 HDAM Miyahira, N	SAME Liriomyza sativae Blanchard vegetable leafminer

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Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Maui (Molokai I) 1400e A ? May NOTE: 036	HDA-KTM-82-0023 UHIEXT Arakaki, A	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
Chrysonotomyia formosa (Westwood) Hymenoptera Eulophidae	Germany, West CIBCES/KPC	NC Avery 3 A 1 May	BIRL-82-0069 FSANC FS RTPNC Huber, C M Drooz, A T	Diprion similis (Hartig) introduced pine sawfly
Chrysonotomyia punctiventris (Crawford) Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Honolulu 100 A 1 Dec	HDA-KTM-82-0090 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 250e A 1 Aug	HDA-KTM-82-0057 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 800e A 1 Sep	HDA-KTM-82-0067 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

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Coccipolipus epilachnae Smiley Acariformes Podapolipidae	Guatemala BIRL	MD Anne Arundel 125 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0051 BIIL Schroder, R F W	Epilachna varivestis Mulsant Mexican bean beetle
	Guatemala BIRL	MD Howard 125 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0052 BIIL Schroder, R F W	SAME
	Guatemala BIRL	MD Prince Georges 225 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0053 BIIL Schroder, R F W	SAME
	Guatemala BIRL	MD Prince Georges 50 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0054 BIIL Schroder, R F W	SAME
Coccophagus rusti Compere Hymenoptera Aphelinidae	South Africa UCB SFPPRIS/ ? (culture)	CA Fresno 50e A 1 Jul	UCB-LEC-82-0007 UCB	Saissetia oleae (Olivier) black scale
	South Africa UCB SFPPRIS/ ? (culture)	CA Madera 150e A 1 Apr	UCB-LEC-82-0003 UCB	SAME
	South Africa UCB SFPPRIS/ ? (culture)	CA Tehama 135e A 1 Oct to Nov	UCB-LEC-82-0021 UCB	SAME

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Coccygomimus disparis (Viereck) Hymenoptera Ichneumonidae	Japan NJDA	CO Las Animas 9800e A ? Jun	CODA-DMN-82-0003 CODA Nees, D M	Hemileuca oliviae Cockerell range caterpillar
Comperia merceti (Compere) Hymenoptera Encyrtidae	USA, HI UCB	CA Alameda 8019 A 1 Feb to Jun	UCB-LEC-82-0001 UCBE Slater, A	Supella longipalpa (Fabricius) brownbanded cockroach
	USA, HI UCB	CA Alameda 5720e A 1 Jul to Dec	UCB-LEC-82-0005 UCBE Slater, A	SAME
Comperiella bifasciata Howard Hymenoptera Encyrtidae	CA, Tulare UCR/	CA Imperial 100e A 1 Sep	UCR-RFL-82-0036 UCR	Aonidiella aurantii (Maskell) California red scale
Comperiella sp. Hymenoptera Encyrtidae	CA, Tulare Co UCR/	CA Imperial 120e A 1 Apr to May NOTE: 131	UCR-RFL-82-0015 UCR	SAME
Compsilura concinnata (Meigen) Diptera Tachinidae	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Accomack 300e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0001-1 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Accomack 950e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-1 VADACSVB	SAME

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Compsilura concinata (Meigen) Diptera Tachinidae	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Alexandria 3529e A ? Jul to Sep	VADACS-JRT-82-0008-1 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Arlington 371e A ? Jul to Sep	VADACS-JRT-82-0008-2 VADACSW Morris, B	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Chesapeake 1750e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-2 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Chesterfield 374e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0009-1 VADACS	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Clarke 1686e A ? Jul to Sep	VADACS-JRT-82-0008-3 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Fairfax 6809e A ? Apr to Jun	VADACS-JRT-82-0002-1 VADACSW Morris, B	SAME

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Compsilura concinata (Meigen) Diptera Tachinidae	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Fairfax 4424e A ? Jul to Sep	VADACS-JRT-82-0008-4 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Fauquier 200e A ? Apr to Jun	VADACS-JRT-82-0002-2 VADACSW Morris, B	SAME
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Hampton 200e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0001-2 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Hanover 367e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0003-1 VADACS	SAME
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Hanover 2320e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0009-2 VADACS	SAME
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Loudoun 200e A ? Jul to Sep	VADACS-JRT-82-0008-5 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth

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Compsilura concinata (Meigen) Diptera Tachinidae	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Lunenburg 1020e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0003-2 VADACS	potential alternate lepidopterous hosts See Note 137
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Norfolk 400e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-3 VADACSVB	SAME
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Prince William 738e A ? Jul to Sep	VADACS-JRT-82-0008-6 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Virginia Beach 1600e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0001-3 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA, NJ NJDA PABF VADF NJDA PABF	VA Virginia Beach 1700e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-4 VADACSVB	SAME
Coptera occidentalis Muesebeck Hymenoptera Diapriidae	USA, NM UCB	CA San Luis Obispo 513 A ? Sep	UCB-KSH-82-0056 UCB	Rhagoletis completa Cresson walnut husk fly

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Corsoncus magus (Cresson)	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 10 A 1 Jul	SRQF-82-0118 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 10 A 1 Jul	SRQF-82-0124 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 15 A 1 Jul	SRQF-82-0129 UFH Waddill, V H	SAME
Cotesia flavipes (Cameron)	Pakistan TAMU CIBCPS/MSM	TX Cameron ? e A Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-2 TXRGVSGA	Eoreuma loftini (Dyar) Mexican rice borer
	Pakistan TAMU CIBCPS/MSM	TX Hidalgo ? e A Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-1 TXRGVSGA	SAME
	Pakistan TAMU CIBCPS/MSM	TX Starr ? e A Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-4 TXRGVSGA	SAME
	Pakistan TAMU CIBCPS/MSM	TX Willacy ? e A Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-3 TXRGVSGA	SAME

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Cotesia melanoscelus (Ratzeburg) Hymenoptera Braconidae	USSR, Ukraine SSR BIRL FSHCT FSHCT/WEW PABFB/MT	PA Delaware 27544 A 1 May	PABF-RAF-82-0002 PABF Fusco, R A	Lymantria dispar (Linnaeus) gypsy moth
Cotesia plutellae (Kurdjumov) Hymenoptera Braconidae	Trinidad HDAM HDA	HI Hawaii 430 A 1 Jan	HDAH-ERY-82-0001 HDAH Yoshioka, E R	Plutella xylostella (Linnaeus) diamondback moth
	Trinidad HDAM HDA	HI Hawaii 85 A 1 Feb	HDAH-ERY-82-0002 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 45e A 1 Mar	HDAH-ERY-82-0003 HDAH Yoshioka, E R	SAME
	Trinidad HDA	HI Hawaii 450e A 1 Mar	HDAM-NM-82-0012 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 285 A 1 Apr	HDAH-ERY-82-0005 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 2369 A 2 May	HDAH-ERY-82-0006 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 485 A 1 Jun	HDAH-ERY-82-0009 HDAH Yoshioka, E R	SAME

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Cotesia plutellae (Kurdjumov) Hymenoptera Braconidae	Trinidad HDA	HI Honolulu 375e A Aug	1 HDAM-NM-82-0027 HDA Kumashiro, B R	Plutella xylostella (Linnaeus) diamondback moth
	Trinidad HDA	HI Honolulu 3984 A Sep to Nov	1 HDAM-NM-82-0030 HDA Kumashiro, B R	SAME
	Trinidad HDA	HI Honolulu 3707e A Dec	1 HDAM-NM-82-0036 HDA Kumashiro, B R	SAME
	Trinidad HDAM HDA	HI Kauai 1925e A Jun NOTE: 036	? HDAH-ERY-82-0008 HDAK Sugawa, D T	SAME
	Trinidad HDA	HI Maui 2755 A Jan	3 HDAM-NM-82-0002 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 3015 A Feb	2 HDAM-NM-82-0007 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 4725 A Mar	3 HDAM-NM-82-0011 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 11345 A Apr	3 HDAM-NM-82-0015 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 12545 A May	5 HDAM-NM-82-0018 HDAM Miyahira, N	SAME

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Cotesia plutellae (Kurdjumov) Hymenoptera Braconidae	Trinidad HDA	HI Maui 10315 A 2 Jun	HDAM-NM-82-0021 HDAM Miyahira, N	Plutella xylostella (Linnaeus) diamondback moth
	Trinidad HDA	HI Maui 6420 A 3 Jul	HDAM-NM-82-0023 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 3440 A 2 Aug	HDAM-NM-82-0026 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 645 A 1 Sep	HDAM-NM-82-0031 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 4003 A 2 Oct to Nov	HDAM-NM-82-0032 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 4328 A 1 Dec	HDAM-NM-82-0037 HDAM Miyahira, N	SAME
Cotesia ruficrus (Haliday) Hymenoptera Braconidae	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA Bossier 100e A 1 Aug	LSU-DJB-82-0003 LSU Boethel, D J	Pseudoplusia includens (Walker) soybean looper
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA East Baton Rouge 250e A 1 Aug	LSU-DJB-82-0004 LSU Boethel, D J	SAME

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Cotesia ruficrus (Haliday) Hymenoptera Braconidae	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA East Baton Rouge 1000e A 1 Sep	LSU-DJB-82-0005 LSU Boethel, D J Pseudoplusia includens (Walker) soybean looper
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA East Baton Rouge 700e A 1 Nov	LSU-DJB-82-0007 LSU Boethel, D J SAME
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA St Landry 400e A 1 Jul	LSU-DJB-82-0001 LSU Boethel, D J SAME
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA St Landry 1200e A 1 Aug	LSU-DJB-82-0002 LSU Boethel, D J SAME
Cyzenis albicans (Fallén) Diptera Tachinidae	Canada CFSTNS/DBM	OR Clackamas 160 A 1 Mar	BIRL-82-0032 ORDA Kimberling, D Operophtera brumata (Linnaeus) winter moth
	Canada CFSTNS/DBM	OR Clackamas 654 A 3 Apr	BIRL-82-0037 ORDA West, M SAME
	Canada CFSTNS/DBM	OR Clackamas 144 A 1 Apr	BIRL-82-0040-3 ORDA West, M SAME

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Dacnusa dryas (Nixon) Hymenoptera Braconidae	NY, Tompkins BIRL/FCE	MD Carroll 378e A 1 Jul	BIRL-RMH-82-0111 MDDA Malan, S C	Agromyza frontella (Rondani) alfalfa blotch leafminer
	NY, Tompkins BIRL/FCE	OH Wayne 323 A 2 Jun	BIRL-RMH-82-0109 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE, VLM	OH Wayne 183 A 1 Jul	BIRL-RMH-82-0133 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE, VLM	OH Wayne 186 A 1 Jul	BIRL-RMH-82-0142 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE	VA Botetourt 45e A 1 Jun	BIRL-RMH-82-0098 PPQRVA Clement, G L	SAME
	PA, Chester BIRL/FCE, VLM	WV Greenbrier 254 A 2 Jul	BIRL-RMH-82-0134 WVDAU Bostic, E	SAME
	PA, Chester BIRL/FCE, VLM	WV Greenbrier 128 A 1 Jul	BIRL-RMH-82-0143 WVDAU Bostic, E	SAME
Dendrosoter protuberans (Nees) Hymenoptera Braconidae	Europe FSDOH	CO Delta 18000e A 4 Jul	CODA-KEM-82-0005 CODA Mowrer, K E	Scolytus multistriatus (Marsham) smaller Europ. elm bark beetle

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Dendrosoter protuberans (Nees) Hymenoptera Braconidae	Europe FSDOH	CO Douglas 2500e A Jun	1 CODA-KEM-82-0005-2 CODA Mowrer, K E	Scolytus multistriatus (Marsham) smaller Europ. elm bark beetle
	Europe FSDOH	CO El Paso 5000e A Jun	1 CODA-KEM-82-0005-1 CODA Mowrer, K E	SAME
	Europe FSDOH	CO Garfield 7000e A Aug	2 CODA-KEM-82-0005-4 CODA Mowrer, K E	SAME
	Europe FSDOH	CO Mesa 17000e A Aug	7 CODA-KEM-82-0005 CODA Mowrer, K E	SAME
Diachasmimorpha tryoni (Cameron) Hymenoptera Braconidae	USA-HI TFVRL/TTYW	FL Dade 200e A Oct	1 UFH-82-0002 UFH Glenn, H B	Anastrepha suspensa (Loew) Caribbean fruit fly
Diadegma laricinellum (Strobl) Hymenoptera Ichneumonidae	Poland BIRL	WA Garfield 3610e PHL Oct	1 FSCOR-RBR-82-0001 FSCOR Ryan, R B	Coleophora laricella (Hübner) larch casebearer
Diaparsis temporalis Horstmann Hymenoptera Ichneumonidae	MI, Berrien Co PPQNM/IB	NC Person 29 A May	1 PPQNM/TLB-82-0043 NCDA Galloway, R H	Oulema melanopus (Linnaeus) cereal leaf beetle

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Edovum puttleri Grissell Hymenoptera Eulophidae	Colombia BCIRL	MD Prince Georges 7000e A 1 May	BIIL-RFWS-82-0010 BIIL Athanas, M M Schroder, R F W
	Colombia BCIRL	MD Prince Georges 9500e A 1 Jun	BIIL-RFWS-82-0036 BIIL Schroder, R F W Sidor, A M
	Colombia BCIRL	MO Boone 2000e A 1 May	BCIRL-BP-82-0006 BCIRL Puttler, B Long, S H
	Colombia BCIRL	MO Boone 2150e A 1 May	BCIRL-BP-82-0007 BCIRL Puttler, B Long, S H
	Colombia BCIRL	MO Lawrence 2600e A 1 May to Jun	BCIRL-BP-82-0008 BCIRL Puttler, B Long, S H
	Colombia BCIRL	MO St Charles 2500e A 1 May	BCIRL-BP-82-0005 BCIRL Biever, K D
	Colombia BCIRL	NJ Middlesex 21487e A, PHE 1 Jun to Jul	NJDA-DJP-82-0004-1 NJDA NJRU Huffman, R Lashomb, J H
	Colombia BCIRL	NJ Monmouth 26462 A, PHL 1 Jun to Jul	NJDA-DJP-82-0004-2 NJDA NJRU Huffman, R Lashomb, J H

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Edovum puttleri Grissell Hymenoptera Eulophidae	Colombia BCIRL	NJ Morris 2124e A, PHE Jun to Jul	1 NJDA-DJP-82-0004-3 NJDA NJRU Huffman, R Lashomb, J H	Leptinotarsa decemlineata (Say) Colorado potato beetle
	Colombia BCIRL	PA Chester 800e A, PHE Jun	1 BCIRL-BP-82-0004-3 BIRL Tropp, J M Carr, M Y	SAME
	Colombia BCIRL	PA Chester 50 PHE Jun	1 BIIL-RFWS-82-0033-3 BIRL Tropp, J M Carr, M Y	SAME
	Colombia BCIRL	VA Accomack 27000e A May	1 BIIL-RFWS-82-0007 BIIL VATORSP Schroder, R F W Sherrod, D W *	SAME
	Colombia BCIRL	VA Accomack 20500e A Jun	1 BIIL-RFWS-82-0035 BIIL VATORSP Athanas, M M Sherrod, D W	SAME
	Colombia BCIRL	WV Jefferson 1000e A Jul	1 BIIL-RFWS-82-0040 BIIL WVTR Schroder, R F W Coiner, C	SAME
Encarsia ?haitiensis Dozier Hymenoptera Aphelinidae	USA-HI HDA/	FL Broward 10 A Aug	1 FBCL-82-0017 UFG UFFL Sailer, R I Thompson, C R	Aleurodicus dispersus Russell spiraling whitefly

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Encarsia ?haitiensis Dozier Hymenoptera Aphelinidae	HI, Honolulu HDA/KKT	HI Hawaii 300 A 1 Apr	HDA-KKT-82-0003 HDAH Yoshioka, E R	Aleurodicus dispersus Russell spiraling whitefly
	HI, Hawaii HDA/ERY	HI Hawaii ? e A 1 Nov	HDAH-ERY-82-0019 HDAH Yoshioka, E R	SAME
	HI, Honolulu HDA/KKT	HI Honolulu 300 A 1 Jan	HDA-KKT-82-0001 HDA Teramoto, K K	SAME
	HI, Honolulu HDA/KKT	HI Maui 85 A 1 Oct	HDA-KKT-82-0005 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 630 A ? Mar to May NOTE: 036	HDA-KKT-82-0002 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 200 A 3 Sep	HDA-KKT-82-0004 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 80 A 1 Oct	HDA-KKT-82-0006 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 20 A 1 Nov	HDA-KKT-82-0007 UHIEXT Arakaki, A	SAME
Encarsia formosa Gahan Hymenoptera Aphelinidae	DE, New Castle BIRL BIRL/SEB	TX Bell 1268e PHN 1 Mar NOTE: 015	BIRL-RMH-82-0031 GSWRL Boldt, P E	Trialeurodes vaporariorum (Westwood) greenhouse whitefly

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AL Autauga ? e PHN ? Jul NOTE: 072, 118	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AL Baldwin ? e PHN ? Jul NOTE: 072, 118	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Barbour ? e PHN ? Jul NOTE: 072, 118	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Bibb ? e PHN ? Jul NOTE: 072, 118	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Bullock ? e PHN ? Jul NOTE: 072, 118	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Butler ? e PHN ? Jul NOTE: 072, 118	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Chambers ? e PHN ? Jul NOTE: 072, 118	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AL Chilton ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-8 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AL Choctaw ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-9 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Clarke ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-1 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Clay ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-2 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Coffee ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-3 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Conecuh ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-4 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Coosa ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-5 PPQSEIII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AL Covington ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-6 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AL Crenshaw ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-7 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Dale ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-8 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Dallas ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-9 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Elmore ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-1 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Escambia ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-2 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Greene ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-3 PPQSEIII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AL Hale ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-4 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AL Henry ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-5 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Houston ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-6 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Jefferson ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-7 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Lee ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-8 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Lowndes ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-9 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Macon ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-1 PPQSEIII	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AL Marengo ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-2 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AL Mobile ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-3 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Monroe ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-4 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Montgomery ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-5 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Perry ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-6 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Pickens ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-7 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Pike ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-8 PPQSEIII	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AL Randolph ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-9 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AL Russell ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-1 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Shelby ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-2 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Sumter ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-3 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Talladega ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-4 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Tallapoosa ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-5 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AL Tuscaloosa ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-6 PPQSEIII	SAME

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<u>Species Released</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author</u> <u>Order, Family</u>	<u>Origin</u> <u>Country, State/Prov, Co</u> <u>Facilities</u> <u>Collector Acronym/</u> <u>Initials</u>	<u>Released -</u> <u>State, County</u> <u>Total, Stage</u> <u>No. of Sites</u> <u>Month /SEE NOTES</u>	<u>File Number</u> <u>Releaser Acronym, Name</u> <u>* = Specimens Kept</u>	<u>Target Host/Prey</u> <u>(at time of release)</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AL Washington ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-7 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AL Wilcox ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-8 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Arkansas ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-1 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Ashley ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-2 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Bradley ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-3 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Calhoun ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-4 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Chicot ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-5 PPQSCIII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AR Clark ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0042-6 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AR Cleveland ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0042-7 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Columbia ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0042-8 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Dallas ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0042-9 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Desha ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-1 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Drew ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-2 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Grant ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-3 PPQSCIII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AR Hempstead ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-4 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AR Howard ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-5 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Jefferson ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-6 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Lafayette ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-7 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Lincoln ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-8 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Little River ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0043-9 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Miller ? e PHN ? Jul NOTE: 072, 121	PPOMTX-LEW-82-0044-1 PPQSCIII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
		<u>File Number</u>	
		<u>Releaser Acronym, Name</u>	
		<u>* = Specimens Kept</u>	
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	AR Nevada ? e PHN ? Jul NOTE: 072, 121	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	AR Ouachita ? e PHN ? Jul NOTE: 072, 121	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Phillips ? e PHN ? Jul NOTE: 072, 121	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Pike ? e PHN ? Jul NOTE: 072, 121	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Sevier ? e PHN ? Jul NOTE: 072, 121	SAME
	USA, FL (ex Pakistan) FLDPIFL	AR Union ? e PHN ? Jul NOTE: 072, 121	SAME
	FL, Alachua UFG/RIS	FL Bay ? e PHN 1 Apr NOTE: 087	SAME
			UFG-RIS-82-0001 IAMARL Hogsette, J A

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Appling ? e PHN ? Jul NOTE: 072, 117	PPOMTX-LEW-82-0012-1 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Atkinson ? e PHN ? Jul NOTE: 072, 117	PPOMTX-LEW-82-0012-2 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Bacon ? e PHN ? Jul NOTE: 072, 117	PPOMTX-LEW-82-0012-3 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Baker ? e PHN ? Jul NOTE: 072, 117	PPOMTX-LEW-82-0012-4 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Baldwin ? e PHN ? Jul NOTE: 072, 117	PPOMTX-LEW-82-0012-5 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Banks ? e PHN ? Jul NOTE: 072, 117	PPOMTX-LEW-82-0012-6 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Barrow ? e PHN ? Jul NOTE: 072, 117	PPOMTX-LEW-82-0012-7 PPQSEI	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Ben Hill ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-8 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Berrien ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-9 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Bibb ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-1 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Bleckley ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-2 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Brantley ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-3 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Brooks ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-4 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Bryan ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-5 PPQSEI	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Bullock ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-6 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Burke ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-7 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Butts ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-8 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Calhoun ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-9 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Camden ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-1 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Candler ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-2 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Carroll ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-3 PPQSEI	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Charlton ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-4 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Chatham ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-5 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Chattahoochee ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-6 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Clarke ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-7 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Clay ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-8 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Clayton ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-9 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Clinch ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-1 PPQSEI	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Crisp ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-9 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA De Kalb ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-2 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Decatur ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-1 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Dodge ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-3 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Dooly ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-4 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Dougherty ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-5 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Douglas ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-6 PPQSEI	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Early ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-7 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Echols ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-8 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Effingham ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-9 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Elbert ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-1 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Emanuel ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-2 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Evans ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-3 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Fayette ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-4 PPQSEI	SAME

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Hancock ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-3 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Haralson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-4 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Harris ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-5 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Hart ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-6 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Heard ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-7 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Henry ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-8 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Houston ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-9 PPQSEI	SAME

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<u>Species Released</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author</u> <u>Order, Family</u>	<u>Origin</u> <u>Country, State/Prov, Co</u> <u>Facilities</u> <u>Collector Acronym/</u> <u>Initials</u>	<u>Released -</u> <u>State, County</u> <u>Total, Stage</u> <u>No. of Sites</u> <u>Month /SEE NOTES</u>	<u>File Number</u> <u>Releaser Acronym, Name</u> <u>* = Specimens Kept</u>	<u>Target Host/Prey</u> <u>(at time of release)</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Irwin ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-1 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Jackson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-2 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Jasper ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-3 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Jeff Davis ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-4 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Jefferson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-5 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Jenkins ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-6 PPQSEI	SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Johnson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-7 PPQSEI	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
			<u>File Number</u>
			<u>Releaser Acronym, Name</u>
			<u>* = Specimens Kept</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	GA Jones ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-8 PPQSEI Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	GA Lamar ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-9 PPQSEI SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Lanier ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-1 PPQSEI SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Laurens ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-2 PPQSEI SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Lee ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-3 PPQSEI SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Liberty ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-4 PPQSEI SAME
	USA, FL (ex Pakistan) FLDPIFL	GA Lincoln ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-5 PPQSEI SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Long ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-6 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Lowndes ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-7 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Macon ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-8 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Madison ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Marion ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0021-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Meriwether ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0021-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Miller ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0021-3 PPQSEI	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA Acadia ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-1 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA Allen ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-2 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Ascension ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-3 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Avoyelles ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-4 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Beauregard ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-5 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Bienville ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-6 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Bossier ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-7 PPQSCIII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA Caddo ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-8 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA Calcasieu ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-9 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Caldwell ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-1 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Cameron ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-2 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Catahoula ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-3 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Claiborne ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-4 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Concordia ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-5 PPQSCIII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA Iberia ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-4 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA Iberville ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-5 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Jackson ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-6 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Jefferson ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-7 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Jefferson Davis ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-8 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA La Salle ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-1 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Lafayette ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-9 PPQSCIII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA Livingston ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-2 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA Madison ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-3 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Morehouse ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-4 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Natchitoches ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-5 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Orleans ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-6 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Ouachita ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-7 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Plaquemines ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-8 PPQSCIII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA Pointe Coupee ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-9 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA Rapides ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-1 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Red River ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-2 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Richland ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-3 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Sabine ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-4 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA St Bernard ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-5 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA St Charles ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-6 PPQSCIII	SAME

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA St Helena ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-7 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA St James ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-8 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA St John /Baptist ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-9 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA St Landry ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-1 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA St Martin ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-2 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA St Mary ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-3 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA St Tammany ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-4 PPQSCIII	SAME

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA Tangipahoa ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-5 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA Tensas ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-6 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Terrebonne ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-7 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Union ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-8 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Vermilion ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-9 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Vernon ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-1 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Washington ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-2 PPQSCIII	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	LA Webster ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-3 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	LA West Baton Rouge ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-4 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA West Carroll ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-5 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA West Feliciana ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-6 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	LA Winn ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-7 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Adams ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-1 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Amite ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-2 PPQSEIII	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>File Number</u>	<u>Target Host/Prey</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS Attala ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-3 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Bolivar ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-4 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Calhoun ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-5 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Carroll ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-6 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Chickasaw ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-7 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Choctaw ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-8 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Claiborne ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-9 PPQSEIII	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
			<u>File Number</u>
			<u>Releaser Acronym, Name</u>
			<u>* = Specimens Kept</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS Clarke ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-1 PPQSEIII Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Clay ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-2 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Coahoma ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-3 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Copiah ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-4 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Covington ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-5 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Forrest ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-6 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Franklin ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-7 PPQSEIII SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS George ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-8 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Greene ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-9 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Grenada ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-1 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Hancock ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-2 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Harrison ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-3 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Hinds ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-4 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Holmes ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-5 PPQSEIII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS Humphreys ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-6 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Issaquena ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-7 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Jackson ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-8 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Jasper ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-9 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Jefferson ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-1 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Jefferson Davis ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-2 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Jones ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-3 PPQSEIII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS Kemper ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-4 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Lafayette ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-5 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Lamar ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-6 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Lauderdale ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-7 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Lawrence ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-8 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Leake ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-9 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Lee ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-1 PPQSEIII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>No. of Sites</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>			<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS Leflore ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-2 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Lincoln ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-3 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Lowndes ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-4 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Madison ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-5 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Marion ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-6 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Monroe ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-7 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Montgomery ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-8 PPQSEIII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS Pontotoc ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-7 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Quitman ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-8 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Rankin ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-9 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Scott ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-1 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Sharkey ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-2 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Simpson ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-3 PPQSEIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Smith ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-4 PPQSEIII	SAME

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		<u>* = Specimens Kept</u>	
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	MS Stone ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-5 PPQSEIII Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	MS Sunflower ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-6 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Tallahatchie ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-7 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Tunica ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-8 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Union ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-9 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Walthall ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-1 PPQSEIII SAME
	USA, FL (ex Pakistan) FLDPIFL	MS Warren ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-2 PPQSEIII SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Anson ? e PHN Jul NOTE: 072, 122	2 PPQMTX-LEW-82-0001-1 PPQSEIV Savage, J	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Beaufort ? e PHN Jul NOTE: 072, 122	5 PPQMTX-LEW-82-0001-2 NCDA Miller, A	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Bertie ? e PHN Jul NOTE: 072, 122	2 PPQMTX-LEW-82-0001-3 NCDA Parker, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Bladen ? e PHN Jul NOTE: 072, 122	4 PPQMTX-LEW-82-0001-4 PPQSEIV Johnson, R	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Brunswick ? e PHL Jul NOTE: 072, 122	5 PPQMTX-LEW-82-0001-5 NCDA Murray, J	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Cabbarus ? e PHN Jul NOTE: 072, 122	1 PPQMTX-LEW-82-0001-6 PPQSEIV Savage, J	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Camden ? e PHN Jul NOTE: 072, 122	1 PPQMTX-LEW-82-0001-7 PPQSEIV Wescott, B	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Carteret ? e PHN Jul NOTE: 072, 122	4 PPQMTX-LEW-82-0001-8 PPQSEIV Roberts, L	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Chowan ? e PHN Jul NOTE: 072, 122	4 PPQMTX-LEW-82-0001-9 PPQSEIV Wescott, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Columbus ? e PHN Jul NOTE: 072, 122	4 PPQMTX-LEW-82-0002-1 NCDA Murray, J	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Craven ? e PHN Jul NOTE: 072, 122	5 PPQMTX-LEW-82-0002-2 PPQSEIV Roberts, L	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Cumberland ? e PHN Jul NOTE: 072, 122	12 PPQMTX-LEW-82-0002-3 PPQSEIV Johnson, G	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Currituck ? e PHN Jul NOTE: 072, 122	1 PPQMTX-LEW-82-0002-4 PPQSEIV Wescott, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Dare ? e PHN Jul NOTE: 072, 122	2 PPQMTX-LEW-82-0002-5 PPQSEIV Wescott, B	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
		<u>File Number</u>	
		<u>Releaser Acronym, Name</u>	
		<u>* = Specimens Kept</u>	
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Duplin ? e PHN 4 Jul NOTE: 072, 122	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Edgecombe ? e PHN 6 Jul NOTE: 072, 122	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Gates ? e PHN 2 Jul NOTE: 072, 122	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Greene ? e PHN 1 Jul NOTE: 072, 122	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Halifax ? e PHN 2 Jul NOTE: 072, 122	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Harnett ? e PHN 3 Jul NOTE: 072, 122	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Hertford ? e PHN 2 Jul NOTE: 072, 122	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>File Number</u>	<u>Target Host/Prey</u>
<u>Genus</u>	<u>Country, State/Prov. Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Hoke ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-4 PPQSEIV Johnson, G	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Hyde ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-5 NCDA Miller, A	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Johnston ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-6 PPQSEIV Wilson, D	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Jones ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-7 PPQSEIV Roberts, L	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Lee ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-8 NCDA Isenhour, J	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Lenoir ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-9 NCDA Stillwell, K	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Martin ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-1 NCDA Parker, B	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Mecklenburg ? e PHN 10 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-2 PPQSEIV Savage, J	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Montgomery ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-3 NCDA Ford, R	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Moore ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-4 NCDA Ford, R	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Nash ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-5 NCDA Batten, C	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC New Hanover ? e PHN 25 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-6 PPQSEIV Roggenstein, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Northampton ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-7 NCDA Batten, C	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Onslow ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-8 PPQSEIV Wilson, D	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Pamlico ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-9 NCDA Miller, A	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Pasquotank ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-1 PPQSEIV Wescott, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Pender ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-2 PPQSEIV Wilson, D	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Perquimans ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-3 PPQSEIV Wescott, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Pitt ? e PHN 7 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-4 NCDA Parker, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Richmond ? e PHN 4 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-5 PPQSEIV Johnson, G	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Robeson ? e PHN 6 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-6 NCDA Gregory, R	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Sampson ? e PHN 7 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-7 NCDA Smith, T	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Scotland ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-8 PPQSEIV Johnson, G	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Stanly ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-9 PPQSEIV Savage, J	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Tyrrell ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-1 NCDA Parker, B	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Union ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-2 PPQSEIV Savage, J	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Wake ? e PHN 13 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-3 NCDA Isenhour, J	SAME
	USA, FL (ex Pakistan) FLDPIFL	NC Washington ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-4 NCDA Parker, B	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	NC Wayne ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-5 PPQSEIV Wilson, D	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	NC Wilson ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-6 NCDA Batten, C	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Abbeville ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-1 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Aiken ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-2 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Allendale ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-3 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Bamberg ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-4 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Barnwell ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-5 PPQSEIV	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>File Number</u>	<u>Target Host/Prey</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	SC Beaufort ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-6 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	SC Berkeley ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-7 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Calhoun ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-8 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Charleston ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-9 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Chester ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-1 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Chesterfield ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-2 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Clarendon ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-3 PPQSEIV	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	SC Colleton ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-4 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	SC Darlington ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-5 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Dillon ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-6 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Dorchester ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-7 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Edgefield ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-8 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Fairfield ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-9 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Florence ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-1 PPQSEIV	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	SC Georgetown ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-2 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	SC Greenwood ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-3 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Hampton ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-4 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Horry ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-5 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Jasper ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-6 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Kershaw ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-7 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Lancaster ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-8 PPQSEIV	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	SC Laurens ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-9 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	SC Lee ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-1 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Lexington ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-2 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Marion ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-3 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Marlboro ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-4 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC McCormick ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-5 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Newberry ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-6 PPQSEIV	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	SC Orangeburg ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-7 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	SC Richland ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-8 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Saluda ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-9 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Sumter ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-1 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Union ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-2 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC Williamsburg ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-3 PPQSEIV	SAME
	USA, FL (ex Pakistan) FLDPIFL	SC York ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-4 PPQSEIV	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Anderson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-1 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Angelina ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-2 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Aransas ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-3 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Atascosa ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-4 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Austin ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Bastrop ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Bee ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-7 PPQSCII	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>Target Host/Prey</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/ Initials</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>		<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
			<u>File Number</u>
			<u>Releaser Acronym, Name</u>
			<u>* = Specimens Kept</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Bell ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-8 PPQSCII Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Bexar ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-9 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Bowie ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-1 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Brazoria ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-1 PPQSCIII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Brazos ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-2 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Burleson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-3 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Caldwell ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-4 PPQSCII SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Calhoun ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-5 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Cameron ? e PHN ? Jul NOTE: 072, 115	PPQMTX-LEW-82-0056-2 PPQMTX SARL Wendel, L E Summy, K R	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Camp ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Cass ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-7 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Chambers ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-2 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Cherokee ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-8 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Colorado ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-9 PPQSCII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/ Initials</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>		<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
			<u>Releaser Acronym, Name</u>	
			<u>* = Specimens Kept</u>	
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Comal ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-1 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Dallas ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-2 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX De Witt ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-4 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Delta ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-3 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Ellis ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Falls ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Fayette ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-7 PPQSCII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Fort Bend ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-8 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Franklin ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-9 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Freestone ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-1 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Galveston ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-3 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Goliad ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-2 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Gonzalez ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-3 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Gregg ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-4 PPQSCII	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>Target Host/Prey</u>	
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/ Initials</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>		<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
			<u>Releaser Acronym, Name</u>	
			<u>* = Specimens Kept</u>	
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Grimes ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0049-5 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Guadalupe ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0049-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Hardin ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0047-4 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Harris ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0047-5 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Harrison ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0049-7 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Hays ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0049-8 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Henderson ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0049-9 PPQSCII	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Hidalgo ? e PHN ? Jul NOTE: 072, 115	PPQMTX-LEW-82-0056-1 PPQMTX SARL Wendel, L E Summy, K R	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Hill ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-1 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Hopkins ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-2 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Houston ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-3 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Hunt ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-4 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Jackson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Jasper ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-6 PPQSCIII	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>Target Host/Prey</u>
<u>Genus</u>	<u>Country, State/Prov. Co</u>	<u>State, County</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/ Initials</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>		<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Jefferson ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0047-7 PPQSCIII Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Jim Wells ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0050-6 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Karnes ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0050-7 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Kaufman ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0050-8 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Kleberg ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0050-9 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Lamar ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0051-1 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Lavaca ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0051-2 PPQSCII SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Lee ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-3 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Leon ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-4 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Liberty ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Limestone ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Live Oak ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-7 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Madison ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-8 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Marion ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-9 PPQSCII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Matagorda ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-1 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX McLennan ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-2 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Milam ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-3 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Montgomery ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-4 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Morris ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Nacogdoches ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Navarro ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-7 PPQSCII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Newton ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0047-8 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Nueces ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0052-8 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Orange ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0047-9 PPQSCIII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Panola ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0052-9 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Polk ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0053-1 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Rains ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0053-2 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Red River ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0053-3 PPQSCII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Refugio ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-4 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Rockwall ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Rusk ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Sabine ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-7 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX San Augustine ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-8 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX San Jacinto ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-9 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX San Patricio ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-1 PPQSCII	SAME

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<u>Species Released</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author</u> <u>Order, Family</u>	<u>Origin</u> <u>Country, State/Prov, Co</u> <u>Facilities</u> <u>Collector Acronym/</u> <u>Initials</u>	<u>Released -</u> <u>State, County</u> <u>Total, Stage</u> <u>No. of Sites</u> <u>Month /SEE NOTES</u>	<u>File Number</u> <u>Releaser Acronym, Name</u> <u>* = Specimens Kept</u>	<u>Target Host/Prey</u> <u>(at time of release)</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Shelby ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-2 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Smith ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-3 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Titus ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-4 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Travis ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Trinity ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-6 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Tyler ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-7 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Upshur ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-8 PPQSCII	SAME

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Van Zandt ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0054-9 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Victoria ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0055-1 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Walker ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0055-2 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Waller ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0055-3 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Washington ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0055-4 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Wharton ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0055-5 PPQSCII	SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Willacy ? e PHN ? Jul NOTE: 072, 114	PPOMTX-LEW-82-0055-6 PPQSCII	SAME

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Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA, FL (ex Pakistan) FLDPIFL	TX Williamson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-7 PPQSCII Dialeurodes citri (Ashmead) citrus whitefly
	USA, FL (ex Pakistan) FLDPIFL	TX Wilson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-8 PPQSCII SAME
	USA, FL (ex Pakistan) FLDPIFL	TX Wood ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-9 PPQSCII SAME
Encarsia sp. Hymenoptera Aphelinidae	Japan UCR UCR/PD, MJR	CA Orange 2935e A Jul	UCR-PD-82-0007 UCR Rose, M J Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	Trinidad HDA	HI Honolulu 200 A Jan	HDA-CKO-82-0001 HDA Otsuka, C K Aleurodicus dispersus Russell spiraling whitefly
	Trinidad HDA	HI Honolulu 25 A Jul	HDA-CKO-82-0010 HDA Otsuka, C K SAME

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Encarsia sp. I Hymenoptera Aphelinidae	Japan UCR UCR/PD, MJR	CA Orange 6678e A Jan to Apr	4 UCR-PD-82-0001 UCR Rose, M J	Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	Japan UCR UCR/PD, MJR	CA Orange 10000e A Sep	1 UCR-PD-82-0015 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Orange 10000e A Oct	1 UCR-PD-82-0019 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 445e A Mar to May	1 UCR-PD-82-0004 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 116600e A Sep to Oct	2 UCR-PD-82-0013 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Ventura 432975e A Aug	5 UCR-PD-82-0011 UCR Rose, M J	SAME
Encyrtus saliens Prinsloo & Annecke Hymenoptera Encyrtidae	South Africa UCB SFPPRIS/SN	CA Alameda 300e A Aug to Sep	1 UCB-KSH-82-0050 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB SFPPRIS/SN	CA Contra Costa 100e A Jun	? UCB-KSH-82-0029 UCB	SAME
				Pulvinaria delotti Gill --

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Encyrtus saliens Prinsloo & Annecke Hymenoptera Encyrtidae	South Africa UCB SFPPRIS/SN	CA Contra Costa 100e A 1 Sep	UCB-KSH-82-0051 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale Pulvinaria delotti Gill --
Ephedrus plagiator (Nees) Hymenoptera Aphidiidae	Yugoslavia BIRL EPL/FG	CO Otero 5000e A 1 Aug to Sep	CODA-KEM-82-0006 COSURF Schweissing, F C	Schizaphis graminum (Rondani) greenbug
Eretmocerus n. sp. Hymenoptera Aphelinidae	France BIRL EPL/FG	OK Payne 250e A 1 Feb	OKSU-RDE-82-0001 OKSU Sumner, L C	SAME
	Japan UCR UCR/PD, MJR	CA Orange 15200e A 1 Sep	UCR-PD-82-0014 UCR Rose, M J	Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	Japan UCR UCR/PD, MJR	CA Ventura 133160e A 4 Sep to Oct	UCR-PD-82-0012 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Ventura 500000e A ? Oct	UCR-PD-82-0018 UCR CAFCPD Rose, M J Farrar, C	SAME
	Japan UCR UCR/PD, MJR	CA Ventura 500000e A ? Nov	UCR-PD-82-0020 UCR CAFCPD Rose, M J Farrar, C	SAME

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Eretmocerus sp. Hymenoptera Aphelinidae	Japan UCR UCR/PD, MJR	CA Orange 3353e A 3 Mar	UCR-PD-82-0002 UCR Rose, M J	Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	CA, ? UCR/MJR	CA Orange 160e A 1 Jun	UCR-PD-82-0006 UCR Rose, M J	SAME
	CA, ? UCR/	CA Orange 2000e A 1 Jul	UCR-PD-82-0008 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 860e A 1 Mar to Jun	UCR-PD-82-0003 UCR Rose, M J	SAME
	CA, ? UCR/MJR	CA Riverside 275e A 1 Jun	UCR-PD-82-0005 UCR Rose, M J	SAME
	CA, ? UCR/	CA Riverside 1427 A 1 Jul	UCR-PD-82-0010 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 600e A 1 Sep	UCR-PD-82-0017 UCR Rose, M J	SAME
	CA, ? UCR/	CA Ventura 1200e A 2 Jul	UCR-PD-82-0009 UCR Rose, M J	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 880 A ? May to Jun NOTE: 036	HDA-BRK-82-0022 HDA Kumashiro, B R	Aleurothrixus floccosus (Maskell) woolly whitefly

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Euseius concordis (Chant) Parasitiformes Phytoseiidae	Brazil UCR UCR/GJM	CA San Diego 2500e A,N Jun	1 UCR-JAM-82-0047 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Brazil UCR UCR/GJM	CA San Diego 8500e A,N Aug	2 UCR-JAM-82-0055 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Brazil UCR UCR/GJM	CA San Diego 1100e A,N Oct	1 UCR-JAM-82-0068 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Brazil UCR UCR/GJM	CA San Diego 2000e A,N Nov	1 UCR-JAM-82-0072 UCR Johnson, H G	SAME
	Brazil UCR UCR/GJM	CA Ventura 1200e A,N May	1 UCR-JAM-82-0034 UCR Johnson, H G	Phyllocoptruta oleivora (Ashmead) citrus rust mite Panonychus citri McGregor citrus red mite
	Brazil UCR UCR/GJM	CA Ventura 1800e A,N Jul	1 UCR-JAM-82-0049 UCR Johnson, H G	SAME
Euseius elinae (Schicha) Parasitiformes Phytoseiidae	Australia UCR	CA Orange 1000e A,N Apr	1 UCR-JAM-82-0026 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

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Euseius elinae (Schicha) Parasitiformes Phytoseiidae	Australia UCR	CA San Diego 1400e A,N 1 Jun	UCR-JAM-82-0038 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Australia UCR	CA Santa Barbara 900e A,N 1 Jan	UCR-JAM-82-0004 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Australia UCR	CA Santa Barbara 800e A,N 1 Mar	UCR-JAM-82-0009 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	Australia UCR	CA Ventura 1400e A,N 1 Apr	UCR-JAM-82-0018 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Euseius hibisci (Chant) Parasitiformes Phytoseiidae	Mexico-Oaxaca State UCR UCR/JAM	CA Orange 800e A,N 1 Apr	UCR-JAM-82-0023 UCR Johnson, H G	SAME Panonychus citri McGregor citrus red mite

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Euseius hibisci (Chant) Parasitiformes Phytoseiidae	Mexico-Oaxaca State UCR UCR/JAM	CA San Diego 1600e A,N Jun	1 UCR Johnson, H G	UCR-JAM-82-0044 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA San Diego 1000e A,N Jun	1 UCR Johnson, H G	UCR-JAM-82-0045 UCR Johnson, H G	SAME
	Mexico-Oaxaca State UCR UCR/JAM	CA San Diego 700e A,N Aug	1 UCR Johnson, H G	UCR-JAM-82-0058 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA San Diego 600e A,N Aug	1 UCR Johnson, H G	UCR-JAM-82-0059 UCR Johnson, H G	SAME
	Mexico-Oaxaca State UCR UCR/JAM	CA Santa Barbara 2100e A,N Jan	2 UCR Johnson, H G	UCR-JAM-82-0002 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA Santa Barbara 900e A,N Jan	1 UCR Johnson, H G	UCR-JAM-82-0003 UCR Johnson, H G	SAME Polyphagotarsonemus latus (Banks) broad mite

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Euseius hibisci (Chant) Parasitiformes Phytoseiidae	Mexico-Oaxaca State Mexico-Chiapas State UCR UCR/JAM UCR/JAM, MB	CA Santa Barbara 1500e A,N Mar	1 UCR-JAM-82-0007 UCR Johnson, H G Polyphagotarsonemus latus (Banks) broad mite
	Mexico-Oaxaca State UCR UCR/JAM	CA Ventura 1100e A,N Apr	2 UCR-JAM-82-0015 UCR Johnson, H G Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Euseius quetzali McMurtry Parasitiformes Phytoseiidae	Guatemala UCR	CA Orange 1200e A,N Apr	1 UCR-JAM-82-0024 UCR Johnson, H G SAME Panonychus citri McGregor citrus red mite
	Guatemala UCR	CA San Diego 300e A,N Jun	1 UCR-JAM-82-0046 UCR Johnson, H G SAME
	Guatemala UCR	CA San Diego 400e A,N Oct	1 UCR-JAM-82-0066 UCR Johnson, H G SAME
	Guatemala UCR	CA San Diego 700e A,N Nov	1 UCR-JAM-82-0075 UCR Johnson, H G SAME

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Euseius scutalis (Athias-Henriot) Parasitiformes Phytoseiidae	Morocco UCR UCR/JAM	CA San Diego 1300e A,N Sep to Oct	1 UCR-JAM-82-0064 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Morocco UCR UCR/JAM	CA San Diego 600e A,N Nov	1 UCR-JAM-82-0073 UCR Johnson, H G	SAME
Euseius stipulatus (Athias-Henriot) Parasitiformes Phytoseiidae	Spain UCR	CA Orange 2400e A,N Apr	1 UCR-JAM-82-0021 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Spain UCR	CA Orange 1200e A,N Jul	1 UCR-JAM-82-0052 UCR Johnson, H G	SAME
	Morocco UCR UCR/JAM	CA Orange 3600e A,N Jul	1 UCR-JAM-82-0053 UCR Johnson, H G	SAME
	Spain UCR	CA San Diego 13500e A,N Apr to May	2 UCR-JAM-82-0029 UCR Johnson, H G	SAME
	Spain UCR	CA San Diego 1000e A,N Sep to Oct	1 UCR-JAM-82-0060 UCR Johnson, H G	SAME
	Morocco UCR UCR/JAM	CA San Diego 2000e A,N Sep to Oct	1 UCR-JAM-82-0061 UCR Johnson, H G	SAME

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Euseius stipulatus (Athias-Henriot) Parasitiformes Phytoseiidae	Morocco UCR UCR/JAM	CA San Diego 1200e A,N Oct	1 UCR-JAM-82-0069 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Spain UCR	CA Santa Barbara 3500e A,N Jan	2 UCR-JAM-82-0001 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Spain UCR	CA Santa Barbara 2700e A,N Mar	1 UCR-JAM-82-0008 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	Spain UCR	CA Santa Barbara 800e A,N Nov	1 UCR-JAM-82-0077 UCR Johnson, H G	SAME Panonychus citri McGregor citrus red mite
	Morocco UCR UCR/JAM	CA Santa Barbara 400e A,N Nov	1 UCR-JAM-82-0078 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

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Euseius stipulatus (Athias-Henriot) Parasitiformes Phytoseiidae	Spain UCR	CA Ventura 3700e A,N Apr	2 UCR-JAM-82-0013 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
	Spain UCR	CA Ventura 4200e A,N May	2 UCR-JAM-82-0033 UCR Johnson, H G	Phyllocoptruta oleivora (Ashmead) citrus rust mite Panonychus citri McGregor citrus red mite
	Spain UCR	CA Ventura 3200e A,N Jul	2 UCR-JAM-82-0050 UCR Johnson, H G	SAME
	Morocco UCR UCR/JAM	CA Ventura 650e A,N Jul	3 UCR-JAM-82-0051 UCR Johnson, H G	SAME
Euseius tutsi (Pritchard & Baker) Parasitiformes Phytoseiidae	South Africa UCR	CA Santa Barbara 1100e A,N Mar	1 UCR-JAM-82-0011 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	South Africa UCR	CA Ventura 1200e A,N Apr	1 UCR-JAM-82-0016 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite

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Exochomus flavipes (Thunberg) Coleoptera Coccinellidae	South Africa UCB	CA Sacramento 575 A ? Jul	UCB-KSH-82-0031 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Diego 2600e A ? Sep to Dec	UCB-KSH-82-0057 UCB	SAME Pulvinaria delotti Gill --
	South Africa UCB	CA San Luis Obispo 945e A ? Mar to Jun	UCB-KSH-82-0016 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 300e A ? Jul	UCB-KSH-82-0040 UCB	SAME
	South Africa UCB	CA Santa Barbara 957e A ? Mar to Jun	UCB-KSH-82-0014 UCB	SAME
	South Africa UCB	CA Santa Barbara 800e A ? Jul	UCB-KSH-82-0045 UCB	SAME
	South Africa UCB	CA Santa Cruz 250e A ? Sep	UCB-KSH-82-0061 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale

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Exochomus flavipes (Thunberg) Coleoptera Coccinellidae	South Africa UCB	CA Ventura 1720e A ? Apr to Jun	UCB-KSH-82-0017 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA Ventura 500e A ? Sep	UCB-KSH-82-0052 UCB	SAME
Glyptapanteles flavicoxis (Marsh) Hymenoptera Braconidae	India BIRL CIBCIS/GR	CT New London 5400e A,C 1 Jun	NJDA-RJC-82-0003 CTAES Erny, R	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	DE New Castle 10593 A 1 Apr to Aug	BIRL-RWF-82-0206 BIRL Groce, J C Cox, L R	SAME
	India BIRL CIBCIS/GR	NH Hillsboro 5400e A,C 1 Jun	NJDA-RJC-82-0004 NHDA Durkis, T J	SAME
	India BIRL CIBCIS/GR	NJ Burlington 12800e A,C 1 May	NJDA-RJC-82-0001-4 NJDA Bullock, R H	SAME
	India BIRL CIBCIS/GR	NJ Camden 144000e A,C 3 May	NJDA-RJC-82-0001 NJDA Bullock, R H	SAME
	India BIRL CIBCIS/GR	NJ Hunterdon 1500e A,C 1 Aug	NJDA-RJC-82-0011-1 NJDA Mina, P J	Hyphantria cunea (Drury) fall webworm

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Glyptapanteles flavicoxis (Marsh) Hymenoptera Braconidae	India BIRL CIBCIS/GR	NJ Sussex 1800e A Jun	1 NJDA-RJC-82-0005 NJDA ?	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	NJ Warren 3000e A,C Aug	2 NJDA-RJC-82-0011 NJDA Mackenthun, D	Hyphantria cunea (Drury) fall webworm
	India BIRL CIBCIS/GR	PA Bucks 253250e A May to Jul	1 PABF-RAF-82-0003-1 PABF Fusco, R A	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	PA Perry 210000e A May to Jul	2 PABF-RAF-82-0003 PABF Fusco, R A	SAME
	India BIRL CIBCIS/GR	PA Schuylkill 43000e A May to Jul	1 PABF-RAF-82-0003-4 PABF Fusco, R A	SAME
	India BIRL CIBCIS/GR	WV Jefferson 1600e C Jun	1 NJDA-RJC-82-0002-2 WVDAI Mason, T L Wydoski, R	SAME
	India BIRL CIBCIS/GR	WV Morgan 1600e A,C Jun	1 NJDA-RJC-82-0002-1 WVDAI Mason, T L Dean, N	SAME
Glyptapanteles harrisinae (Muesebeck) Hymenoptera Braconidae	CA, San Diego CABCSP/CDH, BV	CA Butte 1130 A Jun	9 CABCSP-CDH-82-0003 CABCDA CABCSP Riley, H Villegas, B	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer

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Glyptapanteles harrisinae (Muesebeck) Hymenoptera Braconidae	CA, San Diego CABCSP/TE, BV	CA Butte 114 A Jun	2 CABCSP-CDH-82-0007 CABCSP Waller, J	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
	CA, San Diego CABCSP/GL, DMS	CA Butte 16 A Aug	1 CABCSP-CDH-82-0016-1 CABCSP Waller, J	SAME
	CA, San Diego CABCSP/TE, CDH	CA Fresno 351 A Jun	1 CABCSP-CDH-82-0006 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/TE, BV	CA Fresno 4137 A Jun	3 CABCSP-CDH-82-0007 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/BV, KAC	CA Fresno 8151 A Aug	7 CABCSP-CDH-82-0013 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/GL, DMS	CA Fresno 133 A Sep	1 CABCSP-CDH-82-0016-8 CABCSP Luna, G	SAME
	CA, San Diego CABCSP/GL, DMS	CA Kern 88 A Sep	3 CABCSP-CDH-82-0016 CABCSP Esser, T	SAME
	CA, San Diego CABCSP/TE, BV	CA Madera 308 A Jun	1 CABCSP-CDH-82-0007-1 CABCSP Luna, G Halstead, J	SAME

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Glyptapanteles harrisinae (Muesebeck) Hymenoptera Braconidae	CA, San Diego CABCSP/KAC, JH	CA Placer 4017 A Aug	7 CABCSP-CDH-82-0018 CABCSP Villegas, B Rey, E	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
	CA, San Diego CABCSP/GL, DMS	CA Placer 4697 A Sep	7 CABCSP-CDH-82-0019 CABCSP Villegas, B Rey, E	SAME
	CA, San Diego CABCSP/TE, BV	CA Shasta 1 A Jul	1 CABCSP-CDH-82-0007-9 CABCSP Esser, T Waller, J	SAME
	CA, San Diego CABCSP/TE, BV	CA Tulare 1339 A Jun	2 CABCSP-CDH-82-0007 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/GL, DMS	CA Ventura 52 A Aug	3 CABCSP-CDH-82-0016 CAVCDA CABCSP Runkle, D Esser, T	SAME
Glyptapanteles indiensis (Marsh) Hymenoptera Braconidae	India BIRL CIBCIS/GR	DE Kent 542 A Apr to May	1 BIRL-RWF-82-0131 BIRL Fuester, R W	Lymantria dispar (Linnaeus) gypsy moth
	India CIBCIS/GR	DE Kent 124 A May	1 BIRL-82-0085 BIRL Fuester, R W	SAME

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Glyptapanteles indiensis (Marsh) Hymenoptera Braconidae	India CIBCIS/GR	DE New Castle 728 A May	1	BIRL-82-0090 BIRL PPQWDE Groce, J C Campese, D	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	NH Hillsboro 49 A Jun	1	BIRL-RWF-82-0102 NHDA Durkis, T J	SAME
Glyptapanteles sp. prob. caffreyi (Muesebeck) Hymenoptera Braconidae	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 350 A May	1	SRQF-82-0055 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 225 A Jun	1	SRQF-82-0071 UFH Waddill, V H	SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 600e A Jun	1	SRQF-82-0095 UFH Waddill, V H	SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 250e A Jul	1	SRQF-82-0101 UFH Waddill, V H	SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 100e A Jul	1	SRQF-82-0105 UFH Waddill, V H	SAME

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Glyptapanteles sp. prob. caffreyi (Muesebeck) Hymenoptera Braconidae	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 200e A 1 Jul	SRQF-82-0106 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 300e A 1 Jul	SRQF-82-0115 UFH Waddill, V H	SAME
Gonaxis quadrilateralis (Preston) Pulmonata Streptaxidae	HI, Kauai HDAK/DTS	HI Kauai 49 A 1 Oct	HDAK-DTS-82-0004 HDAK Sugawa, D T	Achatina fulica Bowdich giant African snail
Goniozus legneri Gordh Hymenoptera Bethylidae	Uruguay UCR	CA Butte 1000e A 1 Aug	UCR-EFL-82-0008 UCR	Amyelois transitella (Walker) navel orangeworm
	Uruguay UCR	CA Imperial 15400e A 2 Aug	UCR-EFL-82-0010 UCR	Pectinophora gossypiella (Saunders) pink bollworm
	Uruguay UCR	CA Riverside 8640e A 1 Aug to Sep	UCR-EFL-82-0014 UCR	SAME
	Uruguay UCR	CA Tulare 650e A 1 Jun	UCR-EFL-82-0004 UCR	Amyelois transitella (Walker) navel orangeworm

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Grypocentrus albipes Ruthe Hymenoptera Ichneumonidae	Austria CIBCES CIBCESAU/LH CIBCESAU/EA	NJ Burlington 15 A 1 Jul	Fenusa pusilla (Lepeletier) birch leafminer
	Austria CIBCES CIBCESAU/LH CIBCESAU/EA	PA Monroe 253 A 1 May	SAME
Habrolepis sp. Hymenoptera Encyrtidae	Ethiopia UCR	CA Imperial 150e A 1 Apr to Jun	Aonidiella aurantii (Maskell) California red scale
	Ethiopia UCR	CA Imperial 100e A 1 May to Jun	SAME
	Ethiopia UCR	CA Orange 100e A 1 Jan to Apr	SAME
	Ethiopia UCR	CA Orange 50 A 1 Mar	SAME
	Ethiopia UCR	CA Riverside 120e A 1 Jan to Jun	SAME
	Ethiopia UCR	CA Riverside 100e A 1 Apr to May	SAME

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Habrolepis sp. Hymenoptera Encyrtidae	Ethiopia UCR	CA Tulare 50e A 1 May	UCR-RFL-82-0021-1 UCR	Aonidiella aurantii (Maskell) California red scale
	Ethiopia UCR	CA Tulare 40e A 1 May	UCR-RFL-82-0022-1 UCR	SAME
	Ethiopia UCR	CA Tulare 100e A 1 Jun	UCR-RFL-82-0021-2 UCR	SAME
	Ethiopia UCR	CA Tulare 50e A 1 Jun	UCR-RFL-82-0022-2 UCR	SAME
	Ethiopia UCR	CA Ventura 100e A 1 Apr to May	UCR-RFL-82-0019 UCR	SAME
	Ethiopia UCR	CA Ventura 100e A 1 Apr to May	UCR-RFL-82-0020 UCR	SAME
Halticoptera patellana (Dalman) Hymenoptera Pteromalidae	USA CA HDA HDA/RMB	HI Hawaii 150e A 2 Jun	HDA-KTM-82-0038 HDAH Yoshioka, E R	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 300 A 1 Feb	HDA-KTM-82-0008 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
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Halticoptera patellana (Dalman)	USA CA HDA HDA/RMB	HI Honolulu 300 A Dec	1 HDA-KTM-82-0092 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
Hymenoptera Pteromalidae				
	USA CA HDA HDA/RMB	HI Maui 300e A May	1 HDA-KTM-82-0027 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 300e A Jun	1 HDA-KTM-82-0037 HDA Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 300e A Jul	1 HDA-KTM-82-0048 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
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Halticoptera patellana (Dalman)	USA CA HDA HDA/RMB	HI Maui 1850e A Aug to Oct	1 HDA-KTM-82-0058 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer
Hymenoptera Pteromalidae				Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 1175e A Nov	2 HDA-KTM-82-0081 HDA Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer
				Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 250e A Dec	1 HDA-KTM-82-0093 HDAM Miyahira, N	SAME
				Liriomyza sativae Blanchard vegetable leafminer
Harmonia axyridis (Pallas)	USSR, Russian SFSR URAIPO/VNK	MD Prince Georges 150e E Jun to Aug NOTE: 023, 024	1 BIRL-82-0107 BIIL Schroder, R F W	N/A NOTE: 024
Coleoptera Coccinellidae				
	Japan BIRL	WA Yakima 12063 L May to Jul	1 YARL-REF-82-0002 YARL Fye, R E	Psylla pyricola Förster pear psylla

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Harmonia conformis (Boisduval) Coleoptera Coccinellidae	Australia UCB	WA Yakima 826 A,L 1 May to Jun	YARL-REF-82-0003 YARL Fye, R E	Psylla pyricola Förster pear psylla
Hexameris sp. Enoplida Mermithidae	Peru BIIL BIIL/RFWS PEUNSA/AA	MD Prince Georges 25e A,J 1 Feb NOTE: 022	BIRL-82-0007 BIIL NL Schroder, R F W Nickle, W R	Diabrotica undecimpunctata howardi Barber southern corn rootworm other test hosts; see NOTE: 022
Holcothorax testaceipes (Ratzeburg) Hymenoptera Encyrtidae	Japan, Honshu JAAAES/NS	MA Franklin ? e A 1 Jul NOTE: 096	BIRL-82-0130 UMA Van Driesche, R	Phyllonorycter crataegella (Clemens) apple blotch leafminer
	Japan, Honshu JAAAES/NS	MA Franklin ? e A 1 Jul NOTE: 096	BIRL-82-0141 UMA Van Driesche, R	SAME
Hyperaspis senegalensis hottentotta Mulsant Coleoptera Coccinellidae	South Africa UCB	CA Sacramento 150e A ? Jul	UCB-KSH-82-0032 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale

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Hyperaspis senegalensis hottentotta Mulsant Coleoptera Coccinellidae	South Africa UCB	CA San Diego 1600e A ? Sep to Dec	UCB-KSH-82-0058 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale Pulvinaria delotti Gill --
	South Africa UCB	CA San Luis Obispo 702e A ? Feb to Jun	UCB-KSH-82-0011 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 125e A ? Jul	UCB-KSH-82-0041 UCB	SAME
	South Africa UCB	CA Santa Barbara 1025e A ? Feb to Jun	UCB-KSH-82-0010 UCB	SAME
	South Africa UCB	CA Santa Barbara 100e A ? Jul	UCB-KSH-82-0046 UCB	SAME
	South Africa UCB	CA Santa Cruz 150e A ? Sep	UCB-KSH-82-0062 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA Ventura 392e A ? Feb to Jun	UCB-KSH-82-0012 UCB	SAME

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Hyperaspis senegalensis hottentotta Mulsant Coleoptera Coccinellidae	South Africa UCB	CA Ventura 200e A ? Sep	UCB-KSH-82-0053 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
Hyposoter lymantriae Cushman Hymenoptera Ichneumonidae	India CIBCIS/GR	NJ Morris 100 A 1 Jul	BIRL-82-0125 NJDA Mina, P J	Lymantria dispar (Linnaeus) gypsy moth
	India CIBCIS/GR	NJ Morris 102 A 1 Jul	BIRL-82-0137 NJDA Mina, P J	SAME
Iphiseius degenerans (Berlese) Parasitiformes Phytoseiidae	Italy UCR	CA Orange 1600e A,N 1 Apr	UCR-JAM-82-0027 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Italy UCR	CA San Diego 2100e A,N 1 Jun	UCR-JAM-82-0037 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Morocco UCR UCR/JAM	CA San Diego 200e A,N 1 Oct	UCR-JAM-82-0065 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Italy UCR	CA Santa Barbara 500e A,N 1 Jan	UCR-JAM-82-0005 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

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Iphiseius degenerans (Berlese) Parasitiformes Phytoseiidae	Italy UCR	CA Santa Barbara 1000e A,N 1 Mar	UCR-JAM-82-0012 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
Larra bicolor Fabricius Hymenoptera Sphecidae	USA-PR UFG/JLC	FL Alachua 10 A 1 Jun	FBCL-82-2011 UFG Sailer, R I	Scapteriscus vicinus Scudder tawny mole cricket Scapteriscus borellii Giglio-Tos southern mole cricket
	USA-PR UFG/JLC, WGH	FL Broward 22 A 1 May	FBCL-82-0009 UFG Sailer, R I	SAME Scapteriscus vicinus Scudder tawny mole cricket
	USA-PR UFG/JLC	FL Manatee 27 A 1 May	FBCL-82-0010 UFG UFB Sailer, R I Schuster, D J	SAME Scapteriscus borellii Giglio-Tos southern mole cricket
	USA-PR UFG/JLC	FL Manatee 30 A 1 Jun	FBCL-82-1011 UFG UFB Castner, J L Schuster, D J	SAME Scapteriscus vicinus Scudder tawny mole cricket

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Lathrolestes nigricollis (Thomson) Hymenoptera Ichneumonidae	Austria Czechoslovakia CIBCES CIBCESAU/EA CIBCESAU/LH	NJ Burlington 305 A 1 May to Jul	BIRL-82-0183 BIRL Taylor, P B Short, J A	Fenusa pusilla (Lepeletier) birch leafminer
	Austria Czechoslovakia CIBCES CIBCESAU/EA CIBCESAU/LH	NJ Burlington 92 A 1 Jul	BIRL-82-0192 BIRL Taylor, P B	SAME
Lophyroplectus oblongopunctatus (Hartig) Hymenoptera Ichneumonidae	WI, Walworth WIDNR/DJH	WI Dane 174 A 1 May NOTE: 110	WIDNR-DJH-82-0001-1 WIDNR Hall, D J	Neodiprion sertifer (Geoffroy) European pine sawfly
	WI, Walworth WIDNR/DJH	WI Grant 350 A 1 May NOTE: 110	WIDNR-DJH-82-0001-3 WIDNR Hall, D J	SAME
	WI, Walworth WIDNR/DJH	WI Waukesha 251 A 1 May NOTE: 110	WIDNR-DJH-82-0001-2 WIDNR Hall, D J	SAME
Menochilus quadriplagiatus (Swartz) Coleoptera Coccinellidae	Hong Kong BIRL	WA Yakima 11595 L 1 May to Jul	YARL-REF-82-0001 YARL Fye, R E	Psylla pyricola Förster pear psylla
Metaphycus funicularis Annecke Hymenoptera Encyrtidae	South Africa UCB	CA Sacramento 650e A ? Jul	UCB-KSH-82-0033 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale

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Metaphycus funicularis Annecke Hymenoptera Encyrtidae	South Africa UCB	CA San Diego 4300e A ? Sep to Dec	UCB-KSH-82-0059 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale Pulvinaria delotti Gill --
	South Africa UCB	CA San Luis Obispo 18560e A ? Jan to Jun	UCB-KSH-82-0007 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 500e A ? Jul	UCB-KSH-82-0042 UCB	SAME
	South Africa UCB	CA Santa Barbara 17700e A ? Feb to Jun	UCB-KSH-82-0009 UCB	SAME
	South Africa UCB	CA Santa Barbara 500e A ? Jul	UCB-KSH-82-0047 UCB	SAME
	South Africa UCB	CA Santa Cruz 1000e A ? Sep	UCB-KSH-82-0063 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA Ventura 16800e A ? Jan to Jun	UCB-KSH-82-0001 UCB	SAME

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Metaphycus funicularis Annecke Hymenoptera Encyrtidae	South Africa UCB	CA Ventura 400e A ? Sep	UCB-KSH-82-0054 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
Metaphycus stramineus (Compere) Hymenoptera Encyrtidae	South Africa UCB	CA Sacramento 850e A ? Jul	UCB-KSH-82-0034 UCB	SAME
	South Africa UCB	CA San Diego 1100e A ? Nov	UCB-KSH-82-0067 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 9770e A ? Mar to Jun	UCB-KSH-82-0015 UCB	SAME
	South Africa UCB	CA Santa Barbara 6200e A ? Mar to Jun	UCB-KSH-82-0013 UCB	SAME
	South Africa UCB	CA Santa Barbara 750e A ? Jul	UCB-KSH-82-0048 UCB	SAME
	South Africa UCB	CA Santa Cruz 500e A ? Sep	UCB-KSH-82-0064 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale

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Meteorus pulchricornis (Wesmael) Hymenoptera Braconidae	Europe NJDA BIRL NJDA NJDA BIRL	VA Clarke 228e A ? Jul to Sep	VADACS-JRT-82-0011-3 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA NJDA BIRL	VA Fairfax 3048e A ? Apr to Jun	VADACS-JRT-82-0005 VADACSW Morris, B	SAME
	Europe NJDA BIRL NJDA NJDA BIRL	VA Fairfax 1729e A ? Jul to Sep	VADACS-JRT-82-0011-4 VADACSW Morris, B	SAME
	Europe NJDA BIRL NJDA NJDA BIRL	VA Hanover 872e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0006-1 VADACS	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA NJDA BIRL	VA Hanover 613e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0012-2 VADACS	SAME
	Europe NJDA BIRL NJDA NJDA BIRL	VA Loudoun 330e A ? Jul to Sep	VADACS-JRT-82-0011-5 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA NJDA BIRL	VA Lunenburg 260e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0006-2 VADACS	potential alternate lepidopterous hosts See Note 137

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Meteorus pulchricornis (Wesmael) Hymenoptera Braconidae	Europe NJDA BIRL NJDA BIRL	VA Norfolk 100e A ? Jul to Sep NOTE: 137	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Prince William 268e A ? Jul to Sep	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA BIRL	VA Virginia Beach 300e A ? Apr to Jun NOTE: 137	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Virginia Beach 872e A ? Jul to Sep NOTE: 137	SAME
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 10 A 1 Apr	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 21 A 1 Apr	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 50 A 1 May	SAME

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Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 40 A May	1 SRQF-82-0042 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 60 A May	1 SRQF-82-0054 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 38 A May	1 SRQF-82-0060 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 50 A Jun	1 SRQF-82-0085 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 50 A Jun	1 SRQF-82-0086 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 289 A Jul	1 SRQF-82-0122 UFH Waddill, V H	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Month</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>/SEE NOTES</u>			<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>				<u>Author, Common Name</u>
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 320 A Jul	1	SRQF-82-0125 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 474e A Jul	1	SRQF-82-0130 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 160 A Aug	1	SRQF-82-0132 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 320 A Aug	1	SRQF-82-0133 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 198 A Aug	1	SRQF-82-0139 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 217 A Sep	1	SRQF-82-0144 UFH Waddill, V H	SAME

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<u>Order, Family</u>		<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
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Microcharops	Costa Rica	FL Dade	SRQF-82-0145	Anticarsia
bimaculata	SCCU/BMS, GRC	130 A	UFH	gemmatalis
(Ashmead)	SCCU	Sep	Waddill, V H	Hübner
Hymenoptera	SCCU/GRC			velvetbean caterpillar
Ichneumonidae	UFH/VHW			
	SCCU/BMS			
	Costa Rica	FL Dade	SRQF-82-0146	SAME
	SCCU/BMS, GRC	152 A	UFH	
	SCCU	Sep	Waddill, V H	
	UFH/VHW			
	SCCU/BMS			
	Costa Rica	FL Dade	SRQF-82-0148	SAME
	SCCU/BMS, GRC	143 A	UFH	
	SCCU	Sep	Waddill, V H	
	SCCU/GRC			
	UFH/VHW			
	SCCU/BMS			
	Costa Rica	FL Dade	SRQF-82-0149	SAME
	SCCU/BMS, GRC	337 A	UFH	
	SCCU	Sep	Waddill, V H	
	UFH/VHW			
	SCCU/BMS			
	Costa Rica	FL Dade	SRQF-82-0151	SAME
	SCCU/BMS, GRC	261 A	UFH	
	SCCU	Sep	Waddill, V H	
	SCCU/GRC			
	UFH/VHW			
	SCCU/BMS			
	Costa Rica	FL Dade	SRQF-82-0159	SAME
	SCCU/BMS, GRC	261 A	UFH	
	SCCU	Sep	Waddill, V H	
	UFH/VHW			
	SCCU/BMS			

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Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 197 A Oct	1	SRQF-82-0161 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 141 A Oct	1	SRQF-82-0162 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 418 A Oct	1	SRQF-82-0164 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 311 A Oct	1	SRQF-82-0167 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 187 A Oct	1	SRQF-82-0172 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 205 A Oct	1	SRQF-82-0174 UFH Waddill, V H	SAME

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Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Palm Beach 60 A 1 May	SRQF-82-0034 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	MS Washington 200 A 1 Jul	SRQF-82-0181 SRQF Powell, J E	SAME
Microctonus aethiopoies Loan Hymenoptera Braconidae	KY, Oldham Co PPQ/	AR Pulaski 828e PHA 2 Mar	PPQNMI-TLB-82-0009 PPQSCIII Wright, M	Hypera postica (Gyllenhal) alfalfa weevil
	USA-MI, IA, MO PPQNMI PPQ/	CA Fresno 375 A 2 Jun	UCB-82-0008 UCB Etzell, L K Quezada, J	SAME Hypera brunnipennis (Boheman) Egyptian alfalfa weevil
	MI, Berrien Co PPQNMI/MDB	IA Adair 882e PHA 2 May	PPQNMI-TLB-82-0063 PPQSCIV Harri, J A	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDB	IA Carroll 882e PHA 1 May	PPQNMI-TLB-82-0076-7 PPQSCIV Wallerich, G E	SAME

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Microctonus aethiopoides Loan Hymenoptera Braconidae	MI, Berrien Co PPQNMI/MDb	IA Clarke 588e PHA May	1 PPQNMI-TLB-82-0061 IADA Stoltenow, C R	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDb	IA Clarke 294e PHA May	1 PPQNMI-TLB-82-0075 IADA Stoltenow, C R	SAME
	MI, Berrien Co PPQNMI/MDb	IA Crawford 882e PHA May	3 PPQNMI-TLB-82-0092 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Dallas 882e PHA May	3 PPQNMI-TLB-82-0069 IADA Stoltenow, C R	SAME
	MI, Berrien Co PPQNMI/MDb	IA Harrison 882e PHA May	2 PPQNMI-TLB-82-0092 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Jasper 882e PHA May	3 PPQNMI-TLB-82-0066 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Marshall 882e PHA May	3 PPQNMI-TLB-82-0085 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Monroe 882e PHA May	3 PPQNMI-TLB-82-0076 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Montgomery 588e PHA May	1 PPQNMI-TLB-82-0101-1 PPQSCIV Crouch, J	SAME

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Microctonus aethiopoides Loan Hymenoptera Braconidae	MI, Berrien Co PPQNMI/MDb	IA Pottawattamie 294e PHA 1 May	PPQNMI-TLB-82-0101-2 PPQSCIV Crouch, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDb	IA Warren 882e PHA 3 May	PPQNMI-TLB-82-0072 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Wayne 882e PHA 3 May	PPQNMI-TLB-82-0076 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Webster 882e PHA 3 May	PPQNMI-TLB-82-0085 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDb	IA Woodbury 882e PHA 3 May	PPQNMI-TLB-82-0092 IADA Carlson, C E	SAME
	Morocco EPL/HH	ID Nez Perce 17 A 1 Jun	BIRL-82-0093 UID Schotzko, D J	Sitona lineatus (Linnaeus) pea leaf weevil
	Morocco EPL/HH	ID Nez Perce 53e PHA 1 Jun	BIRL-82-0095 UID Schotzko, D J	SAME
	MI, Berrien Co PPQNMI/MDb	KS Atchison 294e PHA 1 May	PPQNMI-TLB-82-0055 KSSBA Hilbert, B	Hypera postica (Gyllenhal) alfalfa weevil

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Microctonus aethiopoides Loan Hymenoptera Braconidae	MI, Berrien Co PPQNMI/MDb	KS Cherokee 294e PHA May	1 PPQNMI-TLB-82-0049-3 KSSBABC White, S C	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDb	KS Comanche 294e PHA May	1 PPQNMI-TLB-82-0057-1 KSSBAG Salsbury, G A	SAME
	MI, Berrien Co PPQNMI/MDb	KS Dickinson 294e PHA May	1 PPQNMI-TLB-82-0052-1 PPQSCIV Porterfield, L D	SAME
	MI, Berrien Co PPQNMI/MDb	KS Greenwood 294e PHA May	1 PPQNMI-TLB-82-0049-1 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Jefferson 1220e PHA May	1 PPQNMI-TLB-82-0044 KSSBA Hilbert, B	SAME
	MI, Berrien Co PPQNMI/MDb	KS Montgomery 294e PHA May	1 PPQNMI-TLB-82-0049-2 KSSBABC White, S C	SAME
	MI, Berrien Co PPQNMI/MDb	KS Osborne 294e PHA May	1 PPQNMI-TLB-82-0052-3 PPQSCIV Porterfield, L D	SAME
	MI, Berrien Co PPQNMI/MDb	KS Russell 294e PHA May	1 PPQNMI-TLB-82-0052-2 PPQSCIV Porterfield, L D	SAME
	MI, Berrien Co PPQNMI/MDb	KS Sedgwick 294e PHA May	1 PPQNMI-TLB-82-0057-2 KSSBAG Salsbury, G A	SAME

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Microctonus aethioides Loan Hymenoptera Braconidae	MI, Berrien Co PPQNMI/MDB	KS Shawnee 294e PHA May	1 PPQNMI-TLB-82-0056 PPQSCIV Mitchell, V	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/MDB	ND McKenzie 450e PHA Jun	2 PPQNMI-TLB-82-2107 NDDA Brandvik, W J	SAME
	MI, Cass Co PPQNMI/MDB	NE Gage 1796e PHA May	1 PPQNMI-TLB-82-0047 PPQSCIV Stuefer-Powell, C L	SAME
	MI, Cass Co PPQNMI/MDB	OK Beckham 1404e PHA May	1 PPQNMI-TLB-82-0048-1 PPQSCII Thomas, J H	SAME
	MI, Cass Co PPQNMI/MDB	OK Woodward 1385e PHA May	1 PPQNMI-TLB-82-0048-2 PPQSCII Thomas, J H	SAME
	KY, Oldham Co PPQ/	SC Newberry 196e PHA Mar	1 PPQNMI-TLB-82-0014 PPQSEIV King, J L	SAME
	KY, Oldham Co PPQ/	SC Orangeburg 818e PHA Mar	1 PPQNMI-TLB-82-0011 PPQSEIV Langford, P	SAME
	MI, Cass Co PPQNMI/MDB	SD Bennett 225e PHA Jun	1 PPQNMI-TLB-82-1107-2 PPQWV Tucker, D	SAME
	MI, Cass Co PPQNMI/MDB	SD Fall River 225e PHA Jun	1 PPQNMI-TLB-82-1107-1 PPQWV Tucker, D	SAME

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Microctonus colesi Drea Hymenoptera Braconidae	KY IN PPQ/	AR ? e PHA&-L ? Mar to May NOTE: 078	PPQNMI-TLB-82-4001	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co MI, Cass Co PPQNMI/	IA ? e PHA&-L ? May NOTE: 078	PPQNMI-TLB-82-4006	SAME
	KY IN PPQ/	IL ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4021	SAME
	KY IN MI PPQ/	IN ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4025	SAME
	KY MI IN PPQ/	KS ? e PHA&-L ? May NOTE: 078	PPQNMI-TLB-82-4003	SAME
	KY, Oldham Co PPQ/	KY ? e PHL ? Apr to May NOTE: 078	PPQNMI-TLB-82-4011	SAME
	MI, Cass Co PPQNMI/	MI ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4033	SAME

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Microctonus colesi Drea Hymenoptera Braconidae	KY IN PPQ/	MO ? e PHL ? May NOTE: 078	PPQNMJ-TLB-82-4018	Hypera postica (Gyllenhal) alfalfa weevil
	KY IN PPQ/	NC ? e PHL ? Apr to May NOTE: 078	PPQNMJ-TLB-82-4014	SAME
	MI, Cass Co PPQ/	ND ? e PHA&-L ? Jun NOTE: 078	PPQNMJ-TLB-82-4007	SAME
	MI KY IN PPQ/	NE ? e PHA&-L ? May NOTE: 078	PPQNMJ-TLB-82-4004	SAME
	MI, Cass Co PPQNMJ/	OH ? e PHL ? May NOTE: 078	PPQNMJ-TLB-82-4031	SAME
	MI KY IN PPQ/	OK ? e PHA&-L ? Apr to May NOTE: 078	PPQNMJ-TLB-82-4005	SAME
	KY IN PPQ/	SC ? e PHA&-L ? Mar to Apr NOTE: 078	PPQNMJ-TLB-82-4002	SAME

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<u>Order, Family</u>	<u>Initials</u>			<u>Author, Common Name</u>
Microctonus colesi Drea Hymenoptera Braconidae	MI, Cass Co PPQ/	SD ? e PHA&-L ? Jun NOTE: 078	PPQNM-ILB-82-4008	Hypera postica (Gyllenhal) alfalfa weevil
	KY IN PPQ/	TN ? e PHL ? Apr to May NOTE: 078	PPQNM-ILB-82-4009	SAME
	MI, Cass Co MI, Berrien Co PPQNM/	WI ? e PHL ? May to Jun NOTE: 078	PPQNM-ILB-82-4029	SAME
	KY, Oldham Co PPQ/	WV ? e PHL ? May NOTE: 078	PPQNM-ILB-82-4023	SAME
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 969 C,A 2 Jul	SRQF-82-0177 SRQF SFCIML Powell, J E King, E G	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 628 C,A 1 Jul	SRQF-82-0178 SRQF SFCIML Powell, J E King, E G	SAME Heliothis virescens (Fabricius) tobacco budworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 411 C 1 Jul	SRQF-82-0179 SRQF Powell, J E	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 400 C 1 Jul	SRQF-82-0180 SRQF Powell, J E	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 1200 C,A 1 Jul	SRQF-82-0182 SRQF SFCIML Powell, J E King, E G	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 725 C,A 1 Aug	SRQF-82-0184 SRQF SFCIML Powell, J E King, E G	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 647 C 1 Aug	SRQF-82-0185 SRQF SFCIML Powell, J E Ginn, S B	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	LA Tangipahoa 100e A 1 Sep	LSU-DJB-82-0006 LSU Boethel, D J	Pseudoplusia includens (Walker) soybean looper Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 841 A,C 1 Apr	SFCIML-WAJ-82-0001 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 2140 A,C 1 May	SFCIML-WAJ-82-0002 SFCIML Jones, W A	SAME Heliothis virescens (Fabricius) tobacco budworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 1616 C 3 Jun	SFCIML-WAJ-82-0003 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 7086 C 3 Jul	SFCIML-WAJ-82-0004 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 670 A,C 1 Aug	SFCIML-WAJ-82-0005 SFCIML Jones, W A	Pseudoplusia includens (Walker) soybean looper Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 500 C,A 1 Aug	SRQF-82-0183 SRQF SFCIML Powell, J E Ginn, S B	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 325 C 1 Aug	SRQF-82-0186 SRQF SFCIML Powell, J E Ford, R L	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 616 C 1 Aug	SRQF-82-0187 SRQF Powell, J E	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 758 C,A 1 Aug	SRQF-82-0188 SRQF Powell, J E	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 759 C,A 1 Aug	SRQF-82-0189 SFCIML Ginn, S B Ford, R L	SAME Heliothis virescens (Fabricius) tobacco budworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 493 C 1 Aug	SRQF-82-0190 SRQF SFCIML Powell, J E Ginn, S B	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 5552 A,C 3 Sep	SFCIML-WAJ-82-0006 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 425 C 1 Sep	SRQF-82-0191 SFCIML Ginn, S B Ford, R L	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 200 C,A 1 Sep	SRQF-82-0192 SRQF SFCIML Powell, J E Ginn, S B	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 542 C,A 1 Sep	SRQF-82-0193 SFCIML Ginn, S B Ford, R L	SAME Heliothis virescens (Fabricius) tobacco budworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 704 C 1 Sep	SRQF-82-0194 SFCIML Ginn, S B Ford, R L	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 567 C,A 1 Sep	SRQF-82-0195 SRQF SFCIML Powell, J E Ginn, S B	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 1000 A,C 1 Oct	SFCIML-WAJ-82-0007 SFCIML Jones, W A	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 600e A 1 Oct	SRQF-82-0196 SRQF SFCIML Powell, J E Ford, R L	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 400e A 1 Oct	SRQF-82-0197 SRQF SFCIML Powell, J E Ford, R L	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 25 A 1 May NOTE: 041	SRQF-82-0036 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 50 A 1 May NOTE: 041	SRQF-82-0040 SECPRU Roach, S H	SAME
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 10 A 1 May NOTE: 041	SRQF-82-0049 SECPRU Roach, S H	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 23 A 1 May NOTE: 041	SRQF-82-0050 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 10 A 1 May NOTE: 041	SRQF-82-0051 SECPRU Roach, S H
			Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 22 A 1 Jul NOTE: 041	SRQF-82-0112 SECPRU Roach, S H
			Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 20 A 1 Jul NOTE: 041	SRQF-82-0123 SECPRU Roach, S H
			SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 20 A 1 Jul NOTE: 041	SRQF-82-0128 SECPRU Roach, S H
			SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 96 A 1 Sep	SRQF-82-0154 SECPRU Roach, S H
			SAME Heliothis virescens (Fabricius) tobacco budworm

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Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 98 A 1 Oct NOTE: 041	SRQF-82-0171 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 420 A 1 Nov NOTE: 041	SRQF-82-0176 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
Microplitis manilae (Ashmead) Hymenoptera Braconidae	Thailand SCCU SCCU/BMS THDA/PS THKKU/MK	FL Dade 5000e A 1 Apr to May	UFH-VHW-82-0003 UFH Waddill, V H	Spodoptera frugiperda (J.E.Smith) fall armyworm Spodoptera spp.
Neoseiulus californicus (McGregor) Parasitiformes Phytoseiidae	USA, CA UHI HDA	HI Honolulu 300e A,N 4 Sep	HDA-KTM-82-0061 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA, CA UHI HDA	HI Honolulu 700e A,N 2 Oct	HDA-KTM-82-0070 HDA Murai, K T	SAME
	USA, CA UHI HDA	HI Honolulu 900e A,N 1 Nov	HDA-KTM-82-0075 HDA Murai, K T	SAME

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Neoseiulus californicus (McGregor) Parasitiformes Phytoseiidae	USA, CA UHI HDA	HI Honolulu 2200 A 1 Dec	HDA-KTM-82-0084 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	USA-HI HDA/	FL Broward 600 A 1 Aug	FBCL-82-0018 UFG UFFL Sailer, R I Thompson, C R	Aleurodicus dispersus Russell spiraling whitefly
	USA-HI HDA/	FL Dade 300 A 1 Aug	FBCL-82-0019 UFG UFFL Sailer, R I Thompson, C R	SAME
	USA-HI HDA/	FL Dade 300 A 1 Aug	FBCL-82-0020 UFG UFFL Sailer, R I Thompson, C R	SAME
	HI, Honolulu HDA/BRK	HI Hawaii 1500 A 1 Apr	HDA-BRK-82-0019 HDAH Yoshioka, E R	SAME
	HI, Hawaii HDAH/ERY	HI Hawaii 250 A 1 Apr	HDAH-ERY-82-0004 HDAH Yoshioka, E R	SAME
	HI, Hawaii HDAH/ERY	HI Hawaii ? e A 1 Jun	HDAH-ERY-82-0007 HDAH Yoshioka, E R	SAME
	HI, Hawaii HDAH/ERY	HI Hawaii 450e A 1 Jul	HDAH-ERY-82-0010 HDAH Yoshioka, E R	SAME

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Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	HI, Hawaii HDAH/ERY	HI Hawaii 50 A Aug	1	HDAH-ERY-82-0011 HDAH Yoshioka, E R	Aleurodicus dispersus Russell spiraling whitefly
	HI, Hawaii HDAH/ERY	HI Hawaii 100 A Sep	1	HDAH-ERY-82-0013 HDAH Yoshioka, E R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 1060 A Jan	1	HDA-BRK-82-0001 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 25 A Oct	1	HDA-BRK-82-0037 HDA Kumashiro, B R	SAME
	HI, Kauai HDAK/DTS	HI Kauai ? e A Jan NOTE: 036	?	HDAK-DTS-82-0001 HDAK Sugawa, D T	SAME
	HI, Kauai HDAK/DTS	HI Kauai 100e A Mar	1	HDAK-DTS-82-0002 HDAK Sugawa, D T	SAME
	HI, Kauai HDAK/DTS	HI Kauai ? e A Jul to Oct	?	HDAK-DTS-82-0003 HDAK Sugawa, D T	SAME
	HI, Honolulu HDA/BRK	HI Maui 2800 A Jan	4	HDA-BRK-82-0002 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 3000 A Feb	4	HDA-BRK-82-0008 HDAM Miyahira, N	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	HI, Honolulu HDA/BRK	HI Maui 3000 A Mar NOTE: 036	HDA-BRK-82-0013 HDAM Miyahira, N	Aleurodicus dispersus Russell spiraling whitefly
	HI, Honolulu HDA/BRK	HI Maui 2000 A May	HDA-BRK-82-0021 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A Jun	HDA-BRK-82-0023 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 5000 A Jul	HDA-BRK-82-0024 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A Aug	HDA-BRK-82-0029 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A Sep	HDA-BRK-82-0033 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A Oct NOTE: 036	HDA-BRK-82-0038 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 1900 A Nov	HDA-BRK-82-0041 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 1000 A Jan NOTE: 036	HDA-BRK-82-0003 UHIEXT Arakaki, A	SAME

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Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 4600 A ? Feb to Mar NOTE: 036	HDA-BRK-82-0009 UHIEXT Arakaki, A	Aleurodicus dispersus Russell spiraling whitefly
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 7000 A ? Apr to Jun NOTE: 036	HDA-BRK-82-0018 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 2000 A 1 Jul	HDA-BRK-82-0025 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 3000 A ? Aug NOTE: 036	HDA-BRK-82-0030 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 2000 A 3 Sep	HDA-BRK-82-0034 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 3300 A ? Oct to Nov NOTE: 036	HDA-BRK-82-0039 UHIEXT Arakaki, A	SAME
Oenopia conglobata (Linnaeus) Coleoptera Coccinellidae	Yugolavia UCB	WA Klickitat 266 L 1 Jul to Aug	YARL-REF-82-0005-2 YARL Fye, R E	Psylla pyricola Förster pear psylla
	Yugolavia UCB	WA Yakima 534 L 1 May to Aug	YARL-REF-82-0005-1 YARL Fye, R E	SAME

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Olesicampe benefactor Hinz Hymenoptera Ichneumonidae	PA, Juniata PABF/JWQ	PA Dauphin 54 A 1 Jun	PABF-JWQ-82-0001-2 PABF Quimby, J W	Pristiphora erichsonii (Hartig) larch sawfly
	MN, Koochiching UMN/HMK, LT	PA McKean 108 A 1 Jun	FSRTPNC-ATD-82-0001 PABF Laudermilch, G	SAME
	PA, Juniata PABF/JWQ	PA Mifflin 302 A 1 May	PABF-JWQ-82-0001-1 PABF Quimby, J W	SAME
Oomyzus gallerucae (Fonscolombe) Hymenoptera Eulophidae	Israel UCR UCR/TRU	CA Los Angeles 2800e A 1 Jul	UCR-RFL-82-0032 UCR	Pyrrhalta luteola (Müller) elm leaf beetle
	Israel UCR UCR/TRU	CA San Bernardino 577 A 1 Jun	UCR-RFL-82-0029 UCR	SAME
	Israel UCR UCR/TRU	CA San Bernardino 3500e A 1 Jul to Aug	UCR-RFL-82-0033 UCR	SAME
Oomyzus incertus (Ratzeburg) Hymenoptera Eulophidae	France BIRL EPL/DC, RCH	AR Miller 5000e A 1 Mar	PPQNMJ-TLB-82-0006 PPQSCIII Pierce, K R	Hypera postica (Gyllenhal) alfalfa weevil
	France BIRL EPL/DC, RCH	AR Miller 1200e A 1 Mar	PPQNMJ-TLB-82-0007 PPQSCIII Pierce, K R	SAME

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Oomyzus incertus (Ratzeburg) Hymenoptera Eulophidae	France BIRL EPL/DC, RCH	AR Miller 11940e A Mar	1 PPQNMI-TLB-82-0017 PPQSCIII Pierce, K R	Hypera postica (Gyllenhal) alfalfa weevil
	France BIRL EPL/DC, RCH	AR Washington 11961e A Mar	1 PPQNMI-TLB-82-0018 UAR Miner, F D	SAME
	France BIRL EPL/DC, RCH	KS Atchison 2974e A Apr	1 PPQNMI-TLB-82-0040 KSSBA Hilbert, B	SAME
	France BIRL EPL/DC, RCH	KS Jefferson 3000e A May	1 PPQNMI-TLB-82-0041 KSSBA Hilbert, B	SAME
	France BIRL EPL/DC, RCH	KS Montgomery 11566e A Apr	1 PPQNMI-TLB-82-0024 KSSBABC White, S C	SAME
	France BIRL EPL/DC, RCH	KS Pratt 10990e A Apr	1 PPQNMI-TLB-82-0034 KSSBAG Salsbury, G A	SAME
	France BIRL EPL/DC, RCH	MO Greene 12000e A Apr	1 PPQNMI-TLB-82-0028 PPQSCIV Nichols, R W	SAME
	France BIRL EPL/DC, RCH	MO Greene 10364e A Apr	1 PPQNMI-TLB-82-0031 PPQSCIV Nichols, R W	SAME
	France BIRL EPL/DC, RCH	ND Burleigh 1478e A Jun	3 PPQNMI-TLB-82-0113 PPQWV Winks, L K	SAME

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Oomyzus incertus (Ratzeburg) Hymenoptera Eulophidae	France BIRL EPL/DC, RCH	ND Burleigh 3527e A Jul	2 PPQNMI-TLB-82-0128 PPQWV Winks, L K	Hypera postica (Gyllenhal) alfalfa weevil
	France BIRL EPL/DC, RCH	ND McKenzie 2997e A Jun	6 PPQNMI-TLB-82-0112 NDDA Brandvik, W J	SAME
	France BIRL EPL/DC, RCH	NE Deuel 2000e A May	1 PPQNMI-TLB-82-0059 UNEEXT Sall, R	SAME
	France BIRL EPL/DC, RCH	NE Dundy 296e A Jun	1 PPQNMI-TLB-82-1104 PPQSCIV Schade, J M	SAME
	France BIRL EPL/DC, RCH	NE Furnas 550e A Jun	1 PPQNMI-TLB-82-2104 UNEEXT Mues, N	SAME
	France BIRL EPL/DC, RCH	NE Nuckolls 4000e A May	1 PPQNMI-TLB-82-0060 UNEEXT Hawley, C	SAME
	France BIRL EPL/DC, RCH	OK Beckham 11996e A Apr	1 PPQNMI-TLB-82-0020 PPQSCII Thomas, J H	SAME
	France BIRL EPL/DC, RCH	OK Woodward 11996e A Apr	1 PPQNMI-TLB-82-0021 PPQSCII Thomas, J H	SAME
	France BIRL EPL/DC, RCH	SD Bennett 1200e A Jun	2 PPQNMI-TLB-82-1106 PPQWV Tucker, D	SAME

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Opius dissitus Muesebeck Hymenoptera Braconidae	USA FL HDA HDA/RMB	HI Honolulu 220 A 1 Jan	HDA-KTM-82-0003 HDA Murai, K T	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
	USA FL HDA HDA/RMB	HI Honolulu 100 A 1 Dec	HDA-KTM-82-0094 HDA Murai, K T	SAME Liriomyza trifolii (Burgess) leafminer
	USA FL HDA HDA/RMB	HI Maui 300e A 1 May	HDA-KTM-82-0028 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA FL HDA HDA/RMB	HI Maui 1250e A 2 Jun	HDA-KTM-82-0039 HDAM Miyahira, N	SAME Liriomyza sativae Blanchard vegetable leafminer
Oplomus severus Breddin Heteroptera Pentatomidae	Peru BIRL UMD/AG, AA UMD/AG UMDAGEX (culture)	NJ Salem 176 A 1 Jun to Aug	NJDA-DJP-82-0006 NJDA Dorsey, T W	Epilachna varivestis Mulsant Mexican bean beetle

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Pactolinus parallelus (Redtenbacher) Coleoptera Histeridae	Pakistan CIBCPS/RKS	CA Imperial 20 A 2 Aug	UCR-82-0038 UCR Legner, E F	Haematobia irritans (Linnaeus) horn fly
	Pakistan UCR CIBCPS/RKS	CA Tulare 158e A,L 1 Apr to May	UCR-EFL-82-0003 UCR	SAME
	Pakistan UCR CIBCPS/RKS	CA Tulare 85 A 1 Jul	UCR-EFL-82-0006 UCR	SAME
Palloptera modesta (Meigen) Diptera Pallopteridae	USSR, Russian SFSR URAIPO/MAK	UT Morgan ? e A 1 Jul	BIRL-82-0140 FSOUT Schmitz, R F	Dendroctonus spp. bark beetles
Pediobius facialis (Giraud) Hymenoptera Eulophidae	Japan SCCUE SCCU	FL Dade 500 A 1 Mar	UFH-VHW-82-0002 UFH Waddill, V H	Trichoplusia ni (Hübner) cabbage looper
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India PPQNMJ NJDA UFG	CO Delta 58000e L 2 Jul to Aug	CODA-FJS-82-0003 CODA Stahl, F J	Epilachna varivestis Mulsant Mexican bean beetle
	India PPQNMJ COMCI NJDA UFG PPQNMJ	DE Kent 168000e A ? Jun to Jul NOTE: 068, 069	PPQBMD-HTS-82-0001 DEDA Harrison, L	SAME

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Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India PPQNMI COMCI NJDA UFG PPQNMI	PPQSMS	DE New Castle 4000e A Jun to Jul NOTE: 068, 069	? 	PPQBMD-HTS-82-0001-2 DEDA Harrison, L	Epilachna varivestis Mulsant Mexican bean beetle
	India PPQNMI COMCI NJDA UFG PPQNMI	PPQSMS	DE Sussex 59000e A Jun to Jul NOTE: 068, 069	8	PPQBMD-HTS-82-0001-3 DEDA Harrison, L	SAME
	India PPQNMI NJDA UFG		IN Clay 39000e A Jun	5	INPU-RVF-82-0001-1 INPU Flanders, R V	SAME
	India PPQNMI NJDA UFG		IN Owen 43500e A Jun	6	INPU-RVF-82-0001-2 INPU Flanders, R V	SAME
	India UMDEXT		IN Owen 14000e A Aug	2	NJDA-DJP-82-0010 INPU Flanders, R V	SAME
	India MDDA MDDA PPQNMI	PPQNMI	MA Barnstable 500e A Jul	1	PPQOMA-OTF-82-0002 PPQOMA Forrester, O T	SAME
	India UMD		MD Baltimore 62000e A	? 	MDDA-MAC-82-0004-5 MDDA	SAME

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Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMD	MD Caroline 491000e A Jun to Jul NOTE: 069, 095	39	MDDA-MAC-82-0001-1 MDDA	Epilachna varivestis Mulsant Mexican bean beetle
	India UMD	MD Carroll 9000e A NOTE: 139	?	MDDA-MAC-82-0004-4 MDDA	SAME
	India UMD	MD Charles 33000e A NOTE: 139	?	MDDA-MAC-82-0004-1 MDDA	SAME
	India UMD	MD Dorchester 208500e A Jun to Jul NOTE: 069, 095	33	MDDA-MAC-82-0001-2 MDDA	SAME
	India UMD	MD Kent 19000e A Jun to Jul NOTE: 069, 095	7	MDDA-MAC-82-0001-3 MDDA	SAME
	India UMD	MD Montgomery 105000e A NOTE: 139	?	MDDA-MAC-82-0004-2 MDDA Raver, R	SAME
	India UMD	MD Queen Annes 135000e A Jun to Jul NOTE: 069, 095	27	MDDA-MAC-82-0001-4 MDDA	SAME

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Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMDEXT	NJ Cape May 484000e A ? Jul to Aug	NJDA-DJP-82-0007-2 NJDA Epilachna varivestis Mulsant Mexican bean beetle
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Cumberland 437000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-3 NJDA SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Gloucester 135000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-4 NJDA SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Mercer 55000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-5 NJDA SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Middlesex 4000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-6 NJDA SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Monmouth 102000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-7 NJDA SAME

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Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India PPQBMD PPQNMI PPQSMS COMCI UMDEXT	UMDEXT	NJ Ocean 15000e A Jun to Jul NOTE: 069	?	NJDA-DJP-82-0003-8 NJDA	Epilachna varivestis Mulsant Mexican bean beetle
	India PPQBMD PPQNMI PPQSMS COMCI UMDEXT	UMDEXT	NJ Salem 327000e A Jun to Jul NOTE: 069	?	NJDA-DJP-82-0003-9 NJDA	SAME
	India UMDEXT	UMDEXT	NJ Somerset 51000e A Jul to Aug	?	NJDA-DJP-82-0007-3 NJDA	SAME
	India MDDA MDDA PPQNMI	PPQNMI	OH Pickaway 18000e A Jun	1	PPQOMA-OTF-82-0001-2 PPQOMA Forrester, O T	SAME
	India MDDA MDDA PPQNMI	PPQNMI	OH Pike 57000e A Jun	1	PPQOMA-OTF-82-0001-1 PPQOMA Forrester, O T	SAME
	India PPQNMI COMCI NJDA UFG PPQNMI	PPQSMS	OH Pike 600000e A Jul NOTE: 068	1	PPQBMD-HTS-82-0006 PPQOMA Forrester, O T	SAME
	India MDDA MDDA PPQNMI	PPQNMI	OH Ross 52000e A Jun	1	PPQOMA-OTF-82-0001-3 PPQOMA Forrester, O T	SAME

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Peristenus stygius Loan Hymenoptera Braconidae	Spain BIRL EPL/HH, RCH EPL/RCH, HH	TX Delta 57 A 1 Jul	BCIL-JWD-82-0002-2 TAMUD Womack, C L	Lygus lineolaris (Palisot) tarnished plant bug
	Spain BIRL EPL/HH, RCH EPL/RCH, HH	TX Fannin 198 A 1 Jul	BCIL-JWD-82-0002-3 TAMUD Womack, C L	SAME
	Spain BIRL EPL/HH, RCH EPL/RCH, HH	TX Lamar 153 A 2 Jul	BCIL-JWD-82-0002 TAMUD Womack, C L	SAME
Phanerotoma sp. Hymenoptera Braconidae	Bolivia UCB	CA Butte 550e A 1 Aug	UCB-LEC-82-0010 UCB	Amyelois transitella (Walker) navel orangeworm
	Bolivia UCB	CA San Joaquin 60 A 1 Jun	UCB-LEC-82-0004 UCB	SAME
	Bolivia UCB	CA San Joaquin 2250e A 1 Aug to Oct	UCB-LEC-82-0013 UCB	SAME
Pholetesor pedias (Nixon) Hymenoptera Braconidae	Canada CAUGON/JMH	MA Franklin 320 A 3 May to Jun	BIRL-82-0088 UMA Van Driesche, R Hilbert, C	Phyllonorycter crataegella (Clemens) apple blotch leafminer

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Pholetesor pedias (Nixon) Hymenoptera Braconidae	Canada CAUGON/JMH	MA Franklin 300 A 1 Jun	BIRL-82-0096 UMA Van Driesche, R Hilbert, C	Phyllonorycter crataegella (Clemens) apple blotch leafminer
	Canada CAUGON/JMH	MA Franklin 45 A 1 Jun	BIRL-82-0100 UMA Van Driesche, R Hilbert, C	SAME
	Canada CAUGON/JMH	MA Hampshire 101 A 1 Oct	BIRL-82-0177 UMA Van Driesche, R	SAME
Phytoseiulus longipes Evans Parasitiformes Phytoseiidae	South Africa UCR	CA Tulare 2000e A,N 1 May	UCR-JAM-82-0031 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Tetranychus urticae Koch twospotted spider mite
	South Africa UCR	CA Tulare 4000e A,N 1 Jun	UCR-JAM-82-0040 UCR Johnson, H G	SAME
Phytoseiulus macropilis (Banks) Parasitiformes Phytoseiidae	Cook Islands UCR UCR/JAM	CA San Diego 9000e A,N 1 Aug to Sep	UCR-JAM-82-0057 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Cook Islands UCR UCR/JAM	CA San Diego 1200e A,N 1 Oct	UCR-JAM-82-0067 UCR Johnson, H G	Panonychus citri McGregor citrus red mite

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Phytoseiulus persimilis Athias-Henriot Parasitiformes Phytoseiidae	CA, Ventura UCR/HGJ	CA Tulare 3000e A,N May	1 UCR-JAM-82-0030 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Tetranychus urticae Koch twospotted spider mite
	Italy UCR	CA Tulare 5000e A,N Jun	1 UCR-JAM-82-0041 UCR Johnson, H G	SAME
	DE, New Castle UCR BIRL/SEB, RMH	MD Frederick 100e A,L May NOTE: 015	1 BIRL-RMH-82-0078 PDRL Rossi, A E	SAME
	DE, New Castle BIRL BIRL/	MD Frederick 400e A,L Sep NOTE: 015	1 BIRL-RMH-82-0179 PDRL Rossi, A E	SAME
	DE, New Castle BIRL BIRL/	MD Frederick 2000e A,L,E Nov NOTE: 015	1 BIRL-RMH-82-0191 PDRL Rossi, A E	SAME
	DE, New Castle BIRL BIRL/	PA Philadelphia 200e A,L Sep NOTE: 015	1 BIRL-RMH-82-0176 UPA Schaub, B	SAME
Praon sp. Hymenoptera Aphidiidae	Afghanistan UCB	CA Alameda 375e A Nov	1 UCB-KSH-82-0069 UCB	Callaphis juglandis (Goeze) large walnut aphid

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Pteroptrix n. sp. Hymenoptera Aphelinidae	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 95 A 1 Aug	BIRL-82-0160-2 FNCL Rivnay, T	Unaspis euonymi (Comstock) euonymus scale
	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 202 A 1 Aug	BIRL-82-0161-2 FNCL Rivnay, T	SAME
	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 469 A 2 Aug	BIRL-82-0165 FNCL Rivnay, T	SAME
	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 145 A 3 Aug	BIRL-82-0167 FNCL Rivnay, T	SAME
Rogas lymantriae Watanabe Hymenoptera Braconidae	Japan NJDA	CT New Haven 1850e A 1 May to Jun	FSHCT-WEW-82-0002 FSHCT Grinberg, P S	Lymantria dispar (Linnaeus) gypsy moth Orgyia leucostigma (J.E.Smith) whitemarked tussock moth
	Japan NJDA	MD Cecil 2778e A 1 May	FSHCT-WEW-82-0001 BIRL Schaefer, P W	Lymantria dispar (Linnaeus) gypsy moth Orgyia leucostigma (J.E.Smith) whitemarked tussock moth

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Rogas lymantriae Watanabe Hymenoptera Braconidae	Japan NJDA	VT Addison 1350e A May	1 FSHCT Grinberg, P S	FSHCT-WEW-82-0003 Lymantria dispar (Linnaeus) gypsy moth
Rogas sp. Hymenoptera Braconidae	Ecuador ALAU ALAU/JDH ECUG/JE ECMA/CP	MS Washington 101 A Sep	1 SRQF Harrison, W W	SRQF-82-0198 Pseudoplusia includens (Walker) soybean looper
	Ecuador ALAU ALAU/JDH ECUG/JE ECMA/CP	MS Washington 124 A Sep	1 SRQF Harrison, W W	SRQF-82-0199 SAME
Rumina decollata Linnaeus Pulmonata Subulinidae	CA, Riverside CA, San Bernardino CA, Orange UCR/TWF, REO	CA Orange 1100e A May to Dec	1 UCR Fisher, T W Orth, R E	UCR-TWF-82-0001 Helix aspersa Müller brown garden snail
Scolothrips sexmaculatus (Pergande) Thysanoptera Thripidae	USA VI HDA HDA/RMB	HI Honolulu 80 A Sep	1 HDA Murai, K T	HDA-KTM-82-0064 Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA VI HDA HDA/RMB	HI Honolulu 2950e A Nov	2 HDA Murai, K T	HDA-KTM-82-0077 SAME
	USA VI HDA HDA/RMB	HI Honolulu 1400 A Dec	1 HDA Murai, K T	HDA-KTM-82-0086 SAME

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Sympiesis stigmatipennis Girault Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Maui 30 A 1 Feb	HDA-BRK-82-0012 HDAM Miyahira, N	Keiferia lycopersicella (Walsingham) tomato pinworm
Telenomus chloropus Thomson Hymenoptera Scelionidae	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/KN	LA East Baton Rouge 1000e A, PHE 1 Sep	SRQF-82-0147-1 SFCIML LSU Jones, W A Boethel, D J	Nezara viridula (Linnaeus) southern green stink bug
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/S	LA East Baton Rouge 1650e A, PHE 1 Sep	SRQF-82-0150-1 SFCIML Jones, W A	SAME
	Japan, Shikoku SFCIML/WAJ	LA East Baton Rouge 250 A 1 Sep NOTE: 041	SRQF-82-0157 LSU Boethel, D J	SAME
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/KN	LA Iberville 310e A, PHE 1 Sep	SRQF-82-0147-2 SFCIML LSU Jones, W A Boethel, D J	SAME
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/S	LA Iberville 1000e A, PHE 1 Sep	SRQF-82-0150-2 SFCIML Jones, W A	SAME
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/KN JAMAES/S	MS Washington 400e A 1 Sep	SRQF-82-0155 SFCIML Jones, W A	SAME

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Trichogramma pretiosum Riley Hymenoptera Trichogrammatidae	TX, Brazos Co TX, Burleson Co CIRLTX/RKM, JDL	AR Ashley ? e PHE 8 Jul to Aug NOTE: 107	CIRLTX-RKM-82-0001 PCEMRU Bouse, L F	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
Trichogramma sp. Hymenoptera Trichogrammatidae	CA, ? UCB/LEC	CA Butte 4500e A 1 Aug	UCB-LEC-82-0011 UCB Caltagirone, L E	Amyelois transitella (Walker) navel orangeworm
Typhlodromus annectens DeLeon Parasitiformes Phytoseiidae	Mexico-Chiapas State UCR UCR/JAM, MB	CA Orange 900e A,N 1 Apr	UCR-JAM-82-0022 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA San Diego 200e A,N 1 Jun	UCR-JAM-82-0039 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA Tulare 800e A,N 1 May	UCR-JAM-82-0032 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Tetranychus urticae Koch twospotted spider mite

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Typhlodromus occidentalis Nesbitt Parasitiformes Phytoseiidae	USA-CA, WA HDA UCBB ?/	HI Honolulu 200e A,N 1 Apr NOTE: 034	HDA-KTM-82-0015 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA-CA, WA HDA UCBB ?/	HI Honolulu 5000e A,N 1 May to Aug NOTE: 034	HDA-KTM-82-0020 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 1600e A,N 4 Sep NOTE: 034	HDA-KTM-82-0063 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 700e A,N 2 Oct NOTE: 034	HDA-KTM-82-0071 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 1350e A,N 2 Nov NOTE: 034	HDA-KTM-82-0076 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 650e A,N 2 Dec NOTE: 034	HDA-KTM-82-0085 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Maui 800e A,N 2 Jun NOTE: 034	HDA-KTM-82-0033 HDAM Miyahira, N	SAME

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Typhlodromus porresi McMurtry Parasitiformes Phytoseiidae	Mexico-Chiapas State UCR UCR/JAM	CA Orange 500e A,N 1 Apr	UCR-JAM-82-0025 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM	CA San Diego 600e A,N 1 Jul	UCR-JAM-82-0054 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Mexico-Chiapas State UCR UCR/JAM	CA Ventura 600e A,N 1 Apr	UCR-JAM-82-0017 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Typhlodromus tiliae Oudemans Parasitiformes Phytoseiidae	Italy, Sicily UCR ITUSPA/SR	CA San Diego 1200e A,N 1 Sep to Oct	UCR-JAM-82-0062 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Italy, Sicily UCR ITUSPA/SR	CA San Diego 500e A,N 1 Nov	UCR-JAM-82-0076 UCR Johnson, H G	SAME
Tytthus mundulus (Breddin) Heteroptera Miridae	USA-HI HDA/	FL Palm Beach 40 A,N 1 Dec	FBCL-82-0022 FLDPI Nguyen, R	Perkinsiella saccharicida Kirkaldy sugarcane delphacid

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Zelomorpha sp.	Costa Rica SCCU	FL Dade	6 A 1	SRQF-82-0094 UFH	Anticarsia gemmatalis
Hymenoptera Braconidae	SCCU/GRC UFH/VHW SCCU/BMS, GRC	Jun		Waddill, V H	Hübner velvetbean caterpillar

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NOTES

- 015 Greenhouse release.
- 022 Released in approved "quarantine" field cage for host specificity tests. No live material removed from containment areas.
- 023 For use in host specificity tests of introduced Hexameris nematodes.
- 024 Released in approved "quarantine" field cages to test host-specificity of introduced Hexameris nematodes.
- 034 Guthion-Sevin resistant strain.
- 036 Various number of release sites.
- 041 Field cage release.
- 068 Material included stock from cultures at PPQ laboratories at Starkville, MS (PPQSMS), and Niles, MI (PPQNMI), and from private contractor at Durango, CO (COMCI).
- 069 Releases made as part of the APHIS-PPQ Cooperative Mexican Bean Beetle Demonstration Project.
- 072 Shipments and releases were made of gardenia plants infested with parasitized citrus whiteflies; estimated number of adult parasites per plant averaged between 20 to 35 in 1982.
- 078 The shipments and releases of PHA containing Microctonus aethiopoidea and of PHL containing Bathyplectes anurus (which see) possibly also included a small undetermined number of M. colesi.
- 079 The shipments and releases of PHL containing Bathyplectes anurus (which see) probably also contained an undetermined number of B. curculionis.
- 083 Released partially as Bracon sp. nr. gelechiae.
- 087 Released as parasitized hosts on infested gardenia plants.
- 094 Each beetle released was estimated to be infested with 30 mites (adults, larvae, and eggs).
- 096 Surviving adults from BIRL-82-130 and -141 (latter only males) released in a field sleeve cage on an apple tree.
- 103 LRGV = Lower Rio Grande Valley (4 county area). Information for July initiation of shipments and releases is from H W Browning et al., 1985 (Tex.Agr.Expt.Sta.Progr.Rpt. 4344:6) and J W Smith et al., 1987 (Entomophaga 32:480). Contact authors or project leader (J W Smith, TAMU) for details; data in ROBO database for TAMU records are incomplete.
- 104 LRVG = Lower Rio Grande Valley (4 county area). Release information is from H W Browning and C W Melton, 1984 (Tex.Agr. Expt.Sta.Progr.Rpt. 4196:8). Contact authors, project leader, or releasers for details; data in ROBO database for TAMU records are incomplete.

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PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

NOTES

- 107 Numbers shipped and released are estimated to have been approx. 3,686,000,000 PHE. There were 10 releases between July 4 and August 6 in 8 fields totaling 1940 ha, with each release being 130,000-250,000 (av. 190,000) PHE/ha. See L F Bouse & R K Morrison, 1985 (Southwest. Entomol., Suppl. 8: 45).
- 110 Adults were sprayed with nuclear polyhedrosis virus prior to release.
- 114 A total of 187 infested plants was shipped for release in Texas in 1982.
- 116 A total of 200 infested plants was shipped for release in South Carolina in 1982.
- 117 A total of 300 infested plants was shipped for release in Georgia in 1982. Some records of 1982 releases in additional Georgia counties not listed in this report appear to be missing.
- 118 A total of 400 infested plants was shipped for release in Alabama in 1982.
- 119 A total of 403 infested plants was shipped for release in Mississippi in 1982.
- 120 A total of 390 infested plants was shipped for release in Louisiana in 1982.
- 121 A total of 100 infested plants was shipped for release in Arkansas in 1982.
- 122 A total of 220 infested plants was shipped for release in North Carolina in 1982.
- 123 Of over 10,250,000 adults cultured in 1982 according to PPQSBTX records, TXRGVSGA records note the following releases in 1982: Hidalgo Co - 7,138,156; Cameron Co - 2,633,000; Willacy Co - 457,760; and Starr Co - 9,500 (N. Rozeff, TXRGVSGA, in litt.).
- 125 Some material was also received from NJDA for the July releases (see NJDA-DJP-82-0008).
- 127 Shipment made at the request of PPQBMD; recipient and disposition of material is unknown.
- 130 The species released may have been Amitus spiniferus, rather than Cales noacki; contact UCR for details of this release.
- 131 = Comperiella bifasciata? Contact UCR for details of this release.
- 132 The origin of this material may have been China, rather than Japan; contact UCR for details of these releases.
- 137 Releases were made against potential alternate lepidopterous hosts, in the absence of gypsy moth. Potential hosts included Malacosoma americanum, Hyphantria cunea, Estigmene acrea, and various tussock moths.
- 139 Records of the 1982 dates and sites of these field releases are unavailable.

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PHYLUM: MOLLUSCA

Class: Gastropoda

Order of Host/Prey: Pulmonata

Family of Host/Prey: Achatinidae

Host/Prey Genus, species, author: *Achatina fulica* Bowdich

Common name of host/prey: giant African snail

Species Released: *Euglandina rosea*

Gonaxis quadrilateralis

Family of Host/Prey: Helicidae

Host/Prey Genus, species, author: *Helix aspersa* Müller

Common name of host/prey: brown garden snail

Species Released: *Rumina decollata*

PHYLUM: ARTHROPODA

Class: Arachnida (Subclass Acari)

Order of Host/Prey: Acariformes

Family of Host/Prey: Eriophyidae

Host/Prey Genus, species, author: *Phyllocopturta oleivora* (Ashmead)

Common name of host/prey: citrus rust mite

Species Released: *Amblyseius limonicus*

Euseius stipulatus

Euseius concordis

Family of Host/Prey: Tarsonemidae

Host/Prey Genus, species, author: *Polyphagotarsonemus latus* (Banks)

Common name of host/prey: broad mite

Species Released: *Amblyseius limonicus*

Euseius elinae

Euseius quetzali

Euseius tutsi

Typhlodromus annectens

Euseius concordis

Euseius hibisci

Euseius stipulatus

Iphiseius degenerans

Typhlodromus porresi

Family of Host/Prey: Tetranychidae

Host/Prey Genus, species, author: *Oligonychus punicae* (Hirst)

Common name of host/prey: avocado brown mite

Species Released: *Amblyseius limonicus*

Euseius elinae

Euseius scutalis

Phytoseiulus macropilis

Typhlodromus annectens

Euseius concordis

Euseius hibisci

Iphiseius degenerans

Phytoseiulus persimilis

Typhlodromus porresi

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Host/Prey Genus, species, author: Panonychus citri McGregor

Common name of host/prey: citrus red mite

Species Released: Amblyseius limonicus

Euseius elinae

Euseius quetzali

Euseius stipulatus

Iphiseius degenerans

Phytoseiulus macropilis

Typhlodromus annectens

Typhlodromus tiliae

Euseius concordis

Euseius hibisci

Euseius scutalis

Euseius tutsi

Phytoseiulus longipes

Phytoseiulus persimilis

Typhlodromus porresi

Host/Prey Genus, species, author: Tetranychus cinnabarinus (Boisduval)

Common name of host/prey: carmine spider mite

Species Released: Amblyseius longispinosus

Phytoseiulus macropilis

Typhlodromus occidentalis

Neoseiulus californicus

Scolothrips sexmaculatus

Host/Prey Genus, species, author: Tetranychus urticae Koch

Common name of host/prey: twospotted spider mite

Species Released: Amblyseius sp.

Phytoseiulus persimilis

Phytoseiulus longipes

Typhlodromus annectens

Class: Insecta

Order of Host/Prey: Blattodea

Family of Host/Prey: Blattellidae

Host/Prey Genus, species, author: Supella longipalpa (Fabricius)

Common name of host/prey: brownbanded cockroach

Species Released: Comperia merceti

Order of Host/Prey: Coleoptera

Family of Host/Prey:

Host/Prey Genus, species, author: other test hosts; see NOTE: 022

Common name of host/prey: See Note 022

Species Released: Hexameris sp.

Family of Host/Prey: Chrysomelidae

Host/Prey Genus, species, author: Diabrotica undecimpunctata howardi Barber

Common name of host/prey: southern corn rootworm

Species Released: Hexameris sp.

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Host/Prey Genus, species, author: *Leptinotarsa decemlineata* (Say)
Common name of host/prey: Colorado potato beetle
Species Released: *Edovum puttleri*

Host/Prey Genus, species, author: *Oulema melanopus* (Linnaeus)
Common name of host/prey: cereal leaf beetle
Species Released: *Diaparsis temporalis*

Host/Prey Genus, species, author: *Pyrrhalta luteola* (Müller)
Common name of host/prey: elm leaf beetle
Species Released: *Oomyzus gallerucae*

Family of Host/Prey: Coccinellidae

Host/Prey Genus, species, author: *Epilachna varivestis* Mulsant
Common name of host/prey: Mexican bean beetle
Species Released: *Coccipolipus epilachnae*
Pediobius foveolatus

Oplomus severus

Family of Host/Prey: Curculionidae

Host/Prey Genus, species, author: *Hypera brunnipennis* (Boheman)
Common name of host/prey: Egyptian alfalfa weevil
Species Released: *Bathyplectes anurus*

Microctonus aethiopoidea

Host/Prey Genus, species, author: *Hypera postica* (Gyllenhal)
Common name of host/prey: alfalfa weevil
Species Released: *Bathyplectes anurus*
Bathyplectes stenostigma
Microctonus colesi

Bathyplectes curculionis
Microctonus aethiopoidea
Oomyzus incertus

Host/Prey Genus, species, author: *Sitona hispidulus* (Fabricius)
Common name of host/prey: clover root curculio
Species Released: *Anaphes diana*

Host/Prey Genus, species, author: *Sitona lineatus* (Linnaeus)
Common name of host/prey: pea leaf weevil
Species Released: *Anaphes diana*

Microctonus aethiopoidea

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Family of Host/Prey: Nitidulidae

Host/Prey Genus, species, author: *Carpophilus hemipterus* (Linnaeus)

Common name of host/prey: driedfruit beetle

Species Released: *Cerchysiella utilis*

Host/Prey Genus, species, author: *Carpophilus humeralis* (Fabricius)

Common name of host/prey: pineapple souring beetle

Species Released: *Cerchysiella utilis*

Family of Host/Prey: Scolytidae

Host/Prey Genus, species, author: *Dendroctonus* spp.

Common name of host/prey: bark beetles

Species Released: *Pallopthera modesta*

Host/Prey Genus, species, author: *Scolytus multistriatus* (Marsham)

Common name of host/prey: smaller European elm bark beetle

Species Released: *Dendrosoter protuberans*

Order of Host/Prey: Diptera

Family of Host/Prey: Agromyzidae

Host/Prey Genus, species, author: *Agromyza frontella* (Rondani)

Common name of host/prey: alfalfa blotch leafminer

Species Released: *Chrysocharis liriomyzae*

Dacnusa dryas

Host/Prey Genus, species, author: *Liriomyza sativae* Blanchard

Common name of host/prey: vegetable leafminer

Species Released: *Chrysocharis parksi*
Chrysonotomyia punctiventris
Opius dissitus

Chrysocharis sp. nr. *giraulti*
Halticoptera patellana

Host/Prey Genus, species, author: *Liriomyza trifolii* (Burgess)

Common name of host/prey: leafminer

Species Released: *Chrysocharis parksi*
Chrysonotomyia punctiventris
Opius dissitus

Chrysocharis sp. nr. *giraulti*
Halticoptera patellana

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Family of Host/Prey: Muscidae

Host/Prey Genus, species, author: *Haematobia irritans* (Linnaeus)

Common name of host/prey: horn fly

Species Released: *Atholus coelestis*

Atholus maindronii

Pactolinus parallelus

Family of Host/Prey: Tephritidae

Host/Prey Genus, species, author: *Anastrepha suspensa* (Loew)

Common name of host/prey: Caribbean fruit fly

Species Released: *Diachasmimorpha tryoni*

Host/Prey Genus, species, author: *Rhagoletis completa* Cresson

Common name of host/prey: walnut husk fly

Species Released: *Biosteres sublaevis*

Coptera occidentalis

Order of Host/Prey: Heteroptera

Family of Host/Prey: Miridae

Host/Prey Genus, species, author: *Adelphocoris lineolatus* (Goeze)

Common name of host/prey: alfalfa plant bug

Species Released: *Peristenus digoneutis*

Peristenus rubricollis

Host/Prey Genus, species, author: *Lygus hesperus* Knight

Common name of host/prey: western tarnished plant bug

Species Released: *Peristenus stygicus*

Host/Prey Genus, species, author: *Lygus lineolaris* (Palisot)

Common name of host/prey: tarnished plant bug

Species Released: *Peristenus digoneutis*

Peristenus rubricollis

Peristenus stygicus

Host/Prey Genus, species, author: *Lygus* spp.

Common name of host/prey: plant bugs

Species Released: *Peristenus stygicus*

Family of Host/Prey: Pentatomidae

Host/Prey Genus, species, author: *Nezara viridula* (Linnaeus)

Common name of host/prey: southern green stink bug

Species Released: *Telenomus chloropus*

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Order of Host/Prey: Homoptera

Family of Host/Prey: Aleyrodidae

Host/Prey Genus, species, author: Aleurodicus dispersus Russell

Common name of host/prey: spiraling whitefly

Species Released: Encarsia ?haitiensis

Nephaspis oculata

Encarsia sp.

Host/Prey Genus, species, author: Aleurothrixus floccosus (Maskell)

Common name of host/prey: woolly whitefly

Species Released: Amitus ?spiniferus

Cales noacki

Amitus spiniferus

Eretmocerus sp.

Host/Prey Genus, species, author: Dialeurodes citri (Ashmead)

Common name of host/prey: citrus whitefly

Species Released: Encarsia lahorensis

Host/Prey Genus, species, author: Parabemisia myricae (Kuwana)

Common name of host/prey: Japanese bayberry whitefly

Species Released: Encarsia sp.

Eretmocerus n. sp.

Encarsia sp. I

Eretmocerus sp.

Host/Prey Genus, species, author: Trialeurodes vaporariorum (Westwood)

Common name of host/prey: greenhouse whitefly

Species Released: Encarsia formosa

Family of Host/Prey: Aphididae

Host/Prey Genus, species, author: Acyrthosiphon kondoi Shinji

Common name of host/prey: blue alfalfa aphid

Species Released: Aphidius ervi

Host/Prey Genus, species, author: Acyrthosiphon pisum (Harris)

Common name of host/prey: pea aphid

Species Released: Aphidius ervi

Host/Prey Genus, species, author: Callaphis juglandis (Goeze)

Common name of host/prey: large walnut aphid

Species Released: Praon sp.

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Host/Prey Genus, species, author: Rhopalosiphum padi (Linnaeus)

Common name of host/prey: bird cherry-oat aphid

Species Released: Aphelinus asychis

Praon volucre

Aphidius uzbekistanicus

Host/Prey Genus, species, author: Schizaphis graminum (Rondani)

Common name of host/prey: greenbug

Species Released: Ephedrus plagiator

Family of Host/Prey: Coccidae

Host/Prey Genus, species, author: Pulvinaria delotti Gill

Common name of host/prey: --

Species Released: Encyrtus saliens

Hyperaspis senegalensis hottentotta

Metaphycus stramineus

Exochomus flavipes

Metaphycus funicularis

Host/Prey Genus, species, author: Pulvinariella mesembryanthemi (Vallot)

Common name of host/prey: ice plant scale

Species Released: Encyrtus saliens

Hyperaspis senegalensis hottentotta

Metaphycus stramineus

Exochomus flavipes

Metaphycus funicularis

Host/Prey Genus, species, author: Saissetia oleae (Olivier)

Common name of host/prey: black scale

Species Released: Aloencyrtus saissetiae

Prococcophagus probus

Coccophagus rusti

Prococcophagus saissetiae

Family of Host/Prey: Delphacidae

Host/Prey Genus, species, author: Perkinsiella saccharicida Kirkaldy

Common name of host/prey: sugarcane delphacid

Species Released: Tytthus mundulus

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Family of Host/Prey: Diaspididae

Host/Prey Genus, species, author: *Aonidiella aurantii* (Maskell)

Common name of host/prey: California red scale

Species Released: *Aphytis melinus*

Aspidiotiphagus sp.

Comperiella sp.

Aphytis sp.

Comperiella bifasciata

Habrolepis sp.

Host/Prey Genus, species, author: *Pseudaulacaspis pentagona* (Targioni-Tozzetti)

Common name of host/prey: white peach scale

Species Released: *Arrhenophagus chionaspidis*

Host/Prey Genus, species, author: *Pseudaulacaspis prunicola* (Maskell)

Common name of host/prey: --

Species Released: *Arrhenophagus chionaspidis*

Host/Prey Genus, species, author: *Quadraspidiotus perniciosus* (Comstock)

Common name of host/prey: San Jose scale

Species Released: *Aphytis aonidiae*

Host/Prey Genus, species, author: *Unaspis euonymi* (Comstock)

Common name of host/prey: euonymus scale

Species Released: *Pteroptrix* n. sp.

Family of Host/Prey: Psyllidae

Host/Prey Genus, species, author: *Psylla pyricola* Förster

Common name of host/prey: pear psylla

Species Released: *Calvia quatuordecimguttata*

Harmonia conformis

Oenopia conglobata

Harmonia axyridis

Menochilus quadriplagiatus

Propylea quatuordecimpunctata

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Order of Host/Prey: Hymenoptera

Family of Host/Prey: Diprionidae

Host/Prey Genus, species, author: *Diprion similis* (Hartig)

Common name of host/prey: introduced pine sawfly

Species Released: *Chrysonotomyia formosa*

Chrysonotomyia ruforum

Host/Prey Genus, species, author: *Neodiprion sertifer* (Geoffroy)

Common name of host/prey: European pine sawfly

Species Released: *Lophyprolectus oblongopunctatus*

Family of Host/Prey: Tenthredinidae

Host/Prey Genus, species, author: *Fenusa pusilla* (Lepeletier)

Common name of host/prey: birch leafminer

Species Released: *Grypocentrus albipes*

Lathrolestes nigricollis

Host/Prey Genus, species, author: *Pristiphora erichsonii* (Hartig)

Common name of host/prey: larch sawfly

Species Released: *Olesicampe benefactor*

Order of Host/Prey: Lepidoptera

Family of Host/Prey: various

Host/Prey Genus, species, author: other lepidopterous alternate hosts

Common name of host/prey:

Species Released: *Brachymeria intermedia*

Brachymeria lasus

Host/Prey Genus, species, author: potential alternate lepidopterous hosts

Common name of host/prey: See Note 137

Species Released: *Compsilura concinnata*

Meteorus pulchricornis

Family of Host/Prey: Arctiidae

Host/Prey Genus, species, author: *Hyphantria cunea* (Drury)

Common name of host/prey: fall webworm

Species Released: *Brachymeria intermedia*

Glyptapanteles flavicoxis

Family of Host/Prey: Coleophoridae

Host/Prey Genus, species, author: *Coleophora laricella* (Hübner)

Common name of host/prey: larch casebearer

Species Released: *Diadegma laricinellum*

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Family of Host/Prey: Gelechiidae

Host/Prey Genus, species, author: *Keiferia lycopersicella* (Walsingham)

Common name of host/prey: tomato pinworm

Species Released: *Apanteles scutellaris*

Pseudapanteles dignus

Campoplex n. sp.

Sympiesis stigmatipennis

Host/Prey Genus, species, author: *Pectinophora gossypiella* (Saunders)

Common name of host/prey: pink bollworm

Species Released: *Bracon gelechiae*

Goniozus legneri

Family of Host/Prey: Geometridae

Host/Prey Genus, species, author: *Operophtera brumata* (Linnaeus)

Common name of host/prey: winter moth

Species Released: *Agrypon flaveolatum*

Cyzenis albicans

Family of Host/Prey: Gracillariidae

Host/Prey Genus, species, author: *Phyllonorycter crataegella* (Clemens)

Common name of host/prey: apple blotch leafminer

Species Released: *Holcotothorax testaceipes*

Pholetesor pedias

Family of Host/Prey: Lymantriidae

Host/Prey Genus, species, author: *Lymantria dispar* (Linnaeus)

Common name of host/prey: gypsy moth

Species Released: *Anastatus disparis*

Brachymeria lasus

Cotesia melanoscelus

Glyptapanteles indiensis

Meteorus pulchricornis

Brachymeria intermedia

Compsilura concinnata

Glyptapanteles flavicoxis

Hyposoter lymantriae

Rogas lymantriae

Host/Prey Genus, species, author: *Orgyia leucostigma* (J.E. Smith)

Common name of host/prey: whitemarked tussock moth

Species Released: *Rogas lymantriae*

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Family of Host/Prey: Noctuidae

Host/Prey Genus, species, author: *Anticarsia gemmatalis* Hübner

Common name of host/prey: velvetbean caterpillar

Species Released: *Corsoncus magus*

Glyptapanteles sp. prob. *caffreyi*

Zelomorpha sp.

Euplectrus puttleri

Microcharops bimaculata

Host/Prey Genus, species, author: *Helicoverpa zea* (Boddie)

Common name of host/prey: corn earworm, bollworm

Species Released: *Microplitis demolitor*

Trichogramma pretiosum

Host/Prey Genus, species, author: *Heliothis virescens* (Fabricius)

Common name of host/prey: tobacco budworm

Species Released: *Microplitis demolitor*

Trichogramma pretiosum

Host/Prey Genus, species, author: *Pseudoplusia includens* (Walker)

Common name of host/prey: soybean looper

Species Released: *Cotesia ruficrus*

Rogas sp.

Microplitis demolitor

Host/Prey Genus, species, author: *Spodoptera frugiperda* (J.E.Smith)

Common name of host/prey: fall armyworm

Species Released: *Microplitis manilae*

Host/Prey Genus, species, author: *Spodoptera* spp.

Common name of host/prey:

Species Released: *Microplitis manilae*

Host/Prey Genus, species, author: *Trichoplusia ni* (Hübner)

Common name of host/prey: cabbage looper

Species Released: *Pediobius facialis*

Family of Host/Prey: Plutellidae

Host/Prey Genus, species, author: *Plutella xylostella* (Linnaeus)

Common name of host/prey: diamondback moth

Species Released: *Cotesia plutellae*

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Family of Host/Prey: Pyralidae

Host/Prey Genus, species, author: *Amyelois transitella* (Walker)

Common name of host/prey: navel orangeworm

Species Released: *Bracon gelechia*
Pentalitomastix plethorica
Trichogramma sp.

Goniozus legneri
Phanerotoma sp.

Host/Prey Genus, species, author: *Eoreuma loftini* (Dyar)

Common name of host/prey: Mexican rice borer

Species Released: *Allorhogas pyralophagus*

Cotesia flavipes

Family of Host/Prey: Saturniidae

Host/Prey Genus, species, author: *Hemileuca oliviae* Cockerell

Common name of host/prey: range caterpillar

Species Released: *Brachymeria intermedia*
Coccygomimus disparis

Brachymeria lasus

Family of Host/Prey: Tortricidae

Host/Prey Genus, species, author: *Rhyacionia frustrana* (Comstock)

Common name of host/prey: Nantucket pine tip moth

Species Released: *Campoplex frustranae*

Family of Host/Prey: Zygaenidae

Host/Prey Genus, species, author: *Harrisina brillians* Barnes & McDunnough

Common name of host/prey: western grapeleaf skeletonizer

Species Released: *Ametadoria misella*

Glyptapanteles harrisinae

Order of Host/Prey: Orthoptera

Family of Host/Prey: Gryllotalpidae

Host/Prey Genus, species, author: *Scapteriscus borellii* Giglio-Tos

Common name of host/prey: southern mole cricket

Species Released: *Larra bicolor*

Host/Prey Genus, species, author: *Scapteriscus vicinus* Scudder

Common name of host/prey: tawny mole cricket

Species Released: *Larra bicolor*

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Common Name	Genus-species	Order:Family
	other test hosts, see NOTE: 022	Coleoptera:
	potential lepidopterous hosts, see NOTE: 137	Lepidoptera:
--	<i>Pseudaulacaspis prunicola</i>	Homoptera:Diaspididae
--	<i>Pulvinaria delotti</i>	Homoptera:Coccidae
alfalfa blotch leafminer	<i>Agromyza frontella</i>	Diptera:Agromyzidae
alfalfa plant bug	<i>Adelphocoris lineolatus</i>	Heteroptera:Miridae
alfalfa weevil	<i>Hypera postica</i>	Coleoptera:Curculionidae
apple blotch leafminer	<i>Phyllonorycter crataegella</i>	Lepidoptera:Gracillariidae
avocado brown mite	<i>Oligonychus punicae</i>	Acariformes:Tetranychidae
bark beetles	<i>Dendroctonus</i> spp.	Coleoptera:Scolytidae
birch leafminer	<i>Fenusa pusilla</i>	Hymenoptera:Tenthredinidae
bird cherry-oat aphid	<i>Rhopalosiphum padi</i>	Homoptera:Aphididae
black scale	<i>Saissetia oleae</i>	Homoptera:Coccidae
blue alfalfa aphid	<i>Acyrtosiphon kondoi</i>	Homoptera:Aphididae
boll weevil	<i>Anthonomus grandis</i>	Coleoptera:Curculionidae
broad mite	<i>Polyphagotarsonemus latus</i>	Acariformes:Tarsonemidae
brown garden snail	<i>Helix aspersa</i>	Pulmonata:Helicidae
brownbanded cockroach	<i>Supella longipalpa</i>	Blattodea:Blattellidae
cabbage looper	<i>Trichoplusia ni</i>	Lepidoptera:Noctuidae
California red scale	<i>Aonidiella aurantii</i>	Homoptera:Diaspididae
Caribbean fruit fly	<i>Anastrepha suspensa</i>	Diptera:Tephritidae
carmine spider mite	<i>Tetranychus cinnabarinus</i>	Acariformes:Tetranychidae
cereal leaf beetle	<i>Oulema melanopus</i>	Coleoptera:Chrysomelidae
citrus red mite	<i>Panonychus citri</i>	Acariformes:Tetranychidae
citrus rust mite	<i>Phyllocoptruta oleivora</i>	Acariformes:Eriophyidae
citrus whitefly	<i>Dialeurodes citri</i>	Homoptera:Aleyrodidae
clover root curculio	<i>Sitona hispidulus</i>	Coleoptera:Curculionidae
Colorado potato beetle	<i>Leptinotarsa decemlineata</i>	Coleoptera:Chrysomelidae
corn earworm, bollworm	<i>Helicoverpa zea</i>	Lepidoptera:Noctuidae
diamondback moth	<i>Plutella xylostella</i>	Lepidoptera:Plutellidae
driedfruit beetle	<i>Carpophilus hemipterus</i>	Coleoptera:Nitidulidae
Egyptian alfalfa weevil	<i>Hypera brunnipennis</i>	Coleoptera:Curculionidae
elm leaf beetle	<i>Pyrrhalta luteola</i>	Coleoptera:Chrysomelidae
euonymus scale	<i>Unaspis euonymi</i>	Homoptera:Diaspididae
European pine sawfly	<i>Neodiprion sertifer</i>	Hymenoptera:Diprionidae
fall armyworm	<i>Spodoptera frugiperda</i>	Lepidoptera:Noctuidae
fall webworm	<i>Hyphantria cunea</i>	Lepidoptera:Arctiidae
giant African snail	<i>Achatina fulica</i>	Pulmonata:Achatinidae
greenbug	<i>Schizaphis graminum</i>	Homoptera:Aphididae
greenhouse whitefly	<i>Trialeurodes vaporariorum</i>	Homoptera:Aleyrodidae
gypsy moth	<i>Lymantria dispar</i>	Lepidoptera:Lymantriidae

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Common Name	Genus-species	Order:Family
horn fly	Haematobia irritans	Diptera:Muscidae
ice plant scale	Pulvinariella mesembryanthemi	Homoptera:Coccidae
introduced pine sawfly	Diprion similis	Hymenoptera:Diprionidae
Japanese bayberry whitefly	Parabemisia myricae	Homoptera:Aleyrodidae
larch casebearer	Coleophora laricella	Lepidoptera:Coleophoridae
larch sawfly	Pristiphora erichsonii	Hymenoptera:Tenthredinidae
large walnut aphid	Callaphis juglandis	Homoptera:Aphididae
leafminer	Liriomyza trifolii	Diptera:Agromyzidae
Mexican bean beetle	Epilachna varivestis	Coleoptera:Coccinellidae
Mexican rice borer	Eoreuma loftini	Lepidoptera:Pyralidae
Nantucket pine tip moth	Rhyacionia frustrana	Lepidoptera:Tortricidae
navel orangeworm	Amyelois transitella	Lepidoptera:Pyralidae
pea aphid	Acyrtosiphon pisum	Homoptera:Aphididae
pea leaf weevil	Sitona lineatus	Coleoptera:Curculionidae
pear psylla	Psylla pyricola	Homoptera:Psyllidae
pineapple souring beetle	Carpophilus humeralis	Coleoptera:Nitidulidae
pink bollworm	Pectinophora gossypiella	Lepidoptera:Gelechiidae
plant bugs	Lygus spp.	Heteroptera:Miridae
range caterpillar	Hemileuca oliviae	Lepidoptera:Saturniidae
San Jose scale	Quadraspidiotus perniciosus	Homoptera:Diaspididae
smaller European elm bark beetle	Scolytus multistriatus	Coleoptera:Scolytidae
southern corn rootworm	Diabrotica undecimpunctata howardi	Coleoptera:Chrysomelidae
southern green stink bug	Nezara viridula	Heteroptera:Pentatomidae
southern mole cricket	Scapteriscus borellii	Orthoptera:Gryllotalpidae
soybean looper	Pseudoplusia includens	Lepidoptera:Noctuidae
spiraling whitefly	Aleurodicus dispersus	Homoptera:Aleyrodidae
sugarcane delphacid	Perkinsiella saccharicida	Homoptera:Delphacidae
tarnished plant bug	Lygus lineolaris	Heteroptera:Miridae
tawny mole cricket	Scapteriscus vicinus	Orthoptera:Gryllotalpidae
tobacco budworm	Heliothis virescens	Lepidoptera:Noctuidae
tomato pinworm	Keiferia lycopersicella	Lepidoptera:Gelechiidae
twospotted spider mite	Tetranychus urticae	Acariformes:Tetranychidae
vegetable leafminer	Liriomyza sativae	Diptera:Agromyzidae
velvetbean caterpillar	Anticarsia gemmatalis	Lepidoptera:Noctuidae
walnut husk fly	Rhagoletis completa	Diptera:Tephritidae
western grapeleaf skeletonizer	Harrisina brillians	Lepidoptera:Zygaenidae
western tarnished plant bug	Lygus hesperus	Heteroptera:Miridae
white peach scale	Pseudaulacaspis pentagona	Homoptera:Diaspididae
whitemarked tussock moth	Orgyia leucostigma	Lepidoptera:Lymantriidae
winter moth	Operophtera brumata	Lepidoptera:Geometridae
woolly whitefly	Aleurothrixus floccosus	Homoptera:Aleyrodidae

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<u>Species Released</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author</u> <u>Order, Family</u>	<u>Origin</u> <u>Country, State/Prov, Co</u> <u>Facilities</u> <u>Collector Acronym/</u> <u>Initials</u>	<u>Released -</u> <u>State, County</u> <u>Total, Stage</u> <u>No. of Sites</u> <u>Month /SEE NOTES</u>	<u>File Number</u> <u>Releaser Acronym, Name</u> <u>* = Specimens Kept</u>	<u>Target Host</u> <u>(at time of release)</u> <u>Genus</u> <u>Species, Subspecies</u> <u>Author, Common Name</u>
Aceria chondrillae (Canestrini) Acariformes Eriophyidae	WA, Spokane WASU/GLP	WA Adams 1000000e A,N Aug	2 WASU-GLP-82-0002-5 WASU Piper, G L	Chondrilla juncea Linnaeus rush skeletonweed
	WA, Spokane WASU/GLP	WA Franklin 1000000e A,N Aug	1 WASU-GLP-82-0002-7 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Garfield 1000000e A,N Jul	1 WASU-GLP-82-0002-4 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Spokane 2000000e A,N Jun to Aug	4 WASU-GLP-82-0002 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Stevens 1000000e A,N Aug	1 WASU-GLP-82-0002-6 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Whitman 1000000e A,N Jul	1 WASU-GLP-82-0002-3 WASU Piper, G L	SAME
Agasicles hygrophila Selman & Vogt Coleoptera Chrysomelidae	FL, ? CEJFL/	AL Baldwin 2500e A May NOTE: 134	1 CEJFL-JMD-82-0001-2 CEMAL Eubanks, M J	Alternanthera philoxeroides (C. Martius) Griseb. alligatorweed
	FL, ? CEJFL/	AL Colbert 500e A May NOTE: 084, 134	1 CEJFL-JMD-82-0003-2 TVAMSAL Murphy, D	SAME

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Agasicles hygrophila Selman & Vogt Coleoptera Chrysomelidae	FL, ? CEJFL/	AL Jackson 4500e A May NOTE: 084, 134	2 CEJFL-JMD-82-0003 TVAMSAL Murphy, D	Alternanthera philoxeroides (C. Martius) Griseb. alligatorweed
	FL, ? CEJFL/	AL Marshall 1200e A May NOTE: 084, 134	1 CEJFL-JMD-82-0003-1 TVAMSAL Murphy, D	SAME
	FL, ? CEJFL/	AL Mobile 2500e A May NOTE: 134	1 CEJFL-JMD-82-0001-1 CEMAL Eubanks, M J	SAME
	FL, ? CEJFL/	GA Pierce-Brantley 1200e A May NOTE: 134	2 CEJFL-JMD-82-0004-3 GADNR	SAME
	FL, ? CEJFL/	GA Tift 2000e A May NOTE: 134	3 CEJFL-JMD-82-0004-1 GADNR Stephens, C	SAME
	FL, ? CEJFL/	GA Ware 600e A May NOTE: 134	1 CEJFL-JMD-82-0004-4 GADNR	SAME
	FL, ? CEJFL/	GA Ware-Pierce 1200e A May NOTE: 134	2 CEJFL-JMD-82-0004-2 GADNR	SAME

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Agasicles hygrophila Selman & Vogt Coleoptera Chrysomelidae	FL, ? CEJFL/	MS Leflore 750e A 1 May NOTE: 134	CEJFL-JMD-82-0005 MSDWC Pittman, W	Alternanthera philoxeroides (C. Martius) Griseb. alligatorweed
	SC, Charleston NCDA/CAN	NC New Hanover 200e A,L 1 May	NCDA-CAN-82-0001 NCCPL Schiller, D H	SAME
	FL, ? CEJFL/	SC ? ? e A 1 May NOTE: 133	CEJFL-JMD-82-0002 CECSC	SAME
	SC, Charleston BPCRU/GRB, SKP	SC Barnwell 203e A,L 1 May	FBCL-GRB-82-0005 SCSCSC Edwards, S	SAME
	SC, Charleston BPCRU/GRB, SKP	SC Barnwell 185e A 1 Jul	FBCL-GRB-82-0014 SCSCSC Melven, W J	SAME
Altica carduorum Guérin Coleoptera Chrysomelidae	Italy BIIL-PPQ	MD Baltimore 100 A 1 Jun	BIIL-SWTB-82-0031 BIIL Norden, B M Hight, S D	Cirsium arvense (L.) Scop. Canada thistle
	Italy BIIL-PPQ	MD Prince Georges ? e A,L,E 1 Jun to Aug	BIIL-SWTB-82-1028 BIIL Batra, S W T	SAME
Botanophila seneciella (Meade) Diptera Anthomyiidae	France EPL/DC, RF	CA Del Norte 399 A 1 May	BCWRL-82-0002 RSWFA Westing, R S	Senecio jacobaea Linnaeus tansy ragwort

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Botanophila seneciella (Meade) Diptera Anthomyiidae	France EPL/DC, RF	WA Lewis 400 A 1 Jun	BCWRL-82-0006 WASUEXTL Brosnahan, J J	Senecio jacobaea Linnaeus tansy ragwort
	France EPL/DC, RF	WA Lewis 174 A 1 Jun	BCWRL-82-0015 WASUEXTL Brosnahan, J J	SAME
Calophasia lunula (Hufnagel) Lepidoptera Noctuidae	Canada CDARPS/JSK	ID Kootenai 80e L 1 Jun	BCWRL-82-0007 UID McCaffrey, J P	Linaria dalmatica (L.) Mill. Dalmatian toadflax
	Canada CDARPS/JSK	ID Kootenai 250 L 1 Jun	BCWRL-82-0014 UID McCaffrey, J P	SAME
	Canada CDARPS/JSK	MT Missoula 440 L 1 Jul	BCWRL-82-0033-1 MTSUC Story, J M	SAME
	Canada CDARPS/JSK	MT Ravalli 98 L 1 Jun NOTE: 113	BCWRL-82-0009 MTSUC Story, J M	SAME
	Canada CDARPS/JSK	MT Ravalli 30 L 1 Jul	BCWRL-82-0033-2 MTSUC Story, J M	SAME
	Canada CDARPS/JSK	WA Ferry 171 L 1 Jul	BCWRL-82-0032 WAFCNWCB Bradburn, S	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Calophasia lunula (Hufnagel) Lepidoptera Noctuidae	Canada BCWRL	WA Klickitat 325 L Aug	1 WASU-GLP-82-0006-2 WAKNWCB Gorman, R	Linaria dalmatica (L.) Mill. Dalmatian toadflax
	Canada CDARPS/JSK	WA Spokane 50 L Jun	1 BCWRL-82-0008 WASU Piper, G L	SAME
	Canada CDARPS/JSK	WA Spokane 100 L Jun	1 BCWRL-82-0012-2 WASU Piper, G L	SAME
	Canada BCWRL	WA Spokane 301 L Aug	1 WASU-GLP-82-0006-1 WASU Piper, G L	SAME
	Canada CDARPS/JSK	WA Yakima 100e L Jun	1 BCWRL-82-0012-1 FSYWA Lattonius, S	SAME
	Canada CDARPS/JSK	WY Laramie 215 L Jul	1 BCWRL-82-0034 UWY Hoel, C McNamee, T	SAME
Chrysolina quadrigemina (Suffrian) Coleoptera Chrysomelidae	CA, Sacramento CABCSP/LGB, KAC	CA Calaveras 7750e A May	1 CABCSP-CDH-82-0001-4 AGBCA Ghirrardelli, A	Hypericum perforatum Linnaeus common St. Johnswort
	CA, Sacramento CABCSP/LGB, KAC	CA Madera 3500e A May	? CABCSP-CDH-82-0001-2 CABCSP Bezark, L G	SAME

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Coleophora klimeschiella Toll Lepidoptera Coleophoridae	CA, Fresno CABCSP/JH, BV	CA Butte ? e A Jun	CABCSP-CDH-82-0002 CABCDA CABCSP Mattoon, S Villegas, B	Salsola australis R. Br. Russian thistle
	CA, Fresno CABCSP/TE, JH	CA Butte 277 A Jul	CABCSP-CDH-82-0009-3 CABCSP Waller, J	SAME
	CA, Fresno CABCSP/TE, JH	CA Fresno 421 A Jun to Jul	CABCSP-CDH-82-0009-1 CABCSP Waller, J Esser, T	SAME
	CA, Fresno CABCSP/GL, JH	CA Fresno 568 A Aug	CABCSP-CDH-82-0011 CABCSP Luna, G Halstead, J	SAME
	CA, Fresno CABCSP/GL, JH	CA Kern 1290 A Aug	CABCSP-CDH-82-0010 CAKDA Poore, D	SAME
	CA, Fresno CABCSP/GL, JH	CA Kern 630 A Aug	CABCSP-CDH-82-0014 CAKDA Poore, D	SAME
	CA, Fresno CABCSP/JH, BV	CA Sacramento 100 A May	CABCSP-CDH-82-0002 CABCSP Esser, T	SAME
	CA, Fresno CABCSP/TE, JH	CA Tulare 1189 A Jun to Jul	CABCSP-CDH-82-0009 CABCSP Esser, T Villegas, B	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
			<u>Releaser Acronym, Name</u>	
			<u>* = Specimens Kept</u>	
Coleophora klimieschiella Toll Lepidoptera Coleophoridae	CA, Fresno BCWRL/GRJ	CO Mesa 236 A 2 Aug	BCWRL-RWP-82-0011 CODA Merlino, A J	Salsola australis R. Br. Russian thistle
	CA, Fresno BCWRL/GRJ	KS Russell 99 A 1 Aug	BCWRL-RWP-82-0013 KSSU Horber, E K	SAME
	CA, Fresno BCWRL/GRJ	MT Judith Basin 150 A 1 Aug	BCWRL-RWP-82-0012 MTSUM Rardon, P L *	SAME
	CA, Fresno BCWRL/GRJ	WY Sublette 219 A 1 Aug	BCWRL-RWP-82-0010 UWY WYSCWPCD Hoel, C Burroughs, L	SAME
Hadroplontus litura (Fabricius) Coleoptera Curculionidae	MT, Gallatin BIIL/JLS	MD Prince Georges 240e L 1 Jun NOTE: 011	BIIL-SWTB-82-0032 BIIL Strachan, J L Hight, S D	Cirsium arvense (L.) Scop. Canada thistle
Hyles euphorbiae (Linnaeus) Lepidoptera Sphingidae	NY, Warren BIIL/SWTB	MD Prince Georges ? e P 1 Dec	BIIL-SWTB-82-0058 BIIL Batra, S W T	Euphorbia cyparissias Linnaeus cypress spurge Euphorbia esula Linnaeus leafy spurge
	NY, Warren BIIL/SWTB	NY Essex 20 L 1 Jul	BIIL-SWTB-82-0043 BIIL Batra, S W T	Euphorbia cyparissias Linnaeus cypress spurge

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>File Number</u>	<u>Target Host</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>No. of Sites</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>			<u>Author, Common Name</u>
Hyles euphorbiae (Linnaeus) Lepidoptera Sphingidae	NY, Warren BIIL/SWTB	NY Orange 50 L 1 Jul	BIIL-SWTB-82-0044 BIIL Batra, S W T	Euphorbia esula Linnaeus leafy spurge
	NY, Warren BIIL/SWTB	NY St Lawrence 52 L 1 Jul	BIIL-SWTB-82-0042 BIIL Batra, S W T	SAME
Metzneria paucipunctella Zeller Lepidoptera Gelechiidae	Canada-BC MTSUC/JMS CDARSK/PH	MT Missoula 696 A 1 Jul NOTE: 101	MTSUC-JMS-82-0008 MTSUC Story, J M	Centaurea maculosa Lam. spotted knapweed
Microlarinus lareynii (Jacquelin du Val) Coleoptera Curculionidae	CA, Tulare CABCSP/LGB	CA Monterey 300e A 1 Aug	CABCSP-CDH-82-0022-2 UCEXTMC Agamalian, H	Tribulus terrestris Linnaeus puncturevine
	CA, Tulare CABCSP/LGB	CA San Luis Obispo 250e A 1 Aug	CABCSP-CDH-82-0022-1 CABCSP Bezark, L G	SAME
	CA, Tulare CABCSP/LGB	CA San Mateo 50e A 1 Aug	CABCSP-CDH-82-0022-3 CABCSP Casanave, K A	SAME
	CA, Tulare CABCSP/LGB	CA Santa Clara 125e A 2 Aug	CABCSP-CDH-82-0022 CABCSP Casanave, K A	SAME
	CA, Tulare CABCSP/KAC	CA Stanislaus 250e A 1 Aug	CABCSP-CDH-82-0024 CASCDA CABCSP Beebout, G Casanave, K A	SAME

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Microlarinus lareynii (Jacquelin du Val) Coleoptera Curculionidae	CA, Tulare CABCSP/GL, JH	CA Yolo 275e A 2 Sep	CABCSP-CDH-82-0026 CABCSP KSKLCA Bezark, L G Smallenburg, K	Tribulus terrestris Linnaeus puncturevine
	CO, Baca CODA/DMN	ID ? ? e A 1	CODA-DMN-82-0001 UID ?	SAME
		NOTE: 136		
	CA, Contra Costa BCWRL/AM	OR Jackson 500e A 1 Aug	BCWRL-DMM-82-0008 OR Squires, D	SAME
	CO, Baca CODA/DMN	WA Whitman 189 A 1 Sep	CODA-DMN-82-0002 WASU Piper, G L	SAME
Microlarinus lypriformis (Wollaston) Coleoptera Curculionidae	CA, Tulare CABCSP/LGB	CA Monterey 300e A 1 Aug	CABCSP-CDH-82-0021-2 UCEXTMC Agamalian, H	SAME
	CA, Tulare CABCSP/LGB	CA San Luis Obispo 250e A 1 Aug	CABCSP-CDH-82-0021-1 CABCSP Bezark, L G	SAME
	CA, Tulare CABCSP/LGB	CA San Mateo 50e A 1 Aug	CABCSP-CDH-82-0021-3 CABCSP Casanave, K A	SAME
	CA, Tulare CABCSP/LGB	CA Santa Clara 125e A 2 Aug	CABCSP-CDH-82-0021 CABCSP Casanave, K A	SAME

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Microlarinus lypriformis (Wollaston) Coleoptera Curculionidae	CA, Tulare CABCSP/KAC	CA Stanislaus 250e A 1 Aug	CABCSP-CDH-82-0023 CASCDA CABCSP Beebout, G Casanave, K A	Tribulus terrestris Linnaeus puncturevine
	CA, Tulare CABCSP/GL, JH	CA Yolo 275e A 2 Sep	CABCSP-CDH-82-0025 CABCSP KSKLCA Bezark, L G Smallenburg, K	SAME
Neochetina bruchii Hustache Coleoptera Curculionidae	USA, FL BCWRL	CA San Joaquin 260e A,L 1 Jul NOTE: 011	AWCRL-LWA-82-0001 AWCRL Anderson, L W	Eichhornia crassipes (C.Mart.) Solms-Laub. waterhyacinth
	USA-FL APML/TDC	CA San Joaquin 150 A 2 Jul	BCWRL-82-1035 BCWRL Andres, L A	SAME
	USA-FL APML/TDC	CA San Joaquin 70 A 1 Aug	BCWRL-82-1036 BCWRL Roy, J P	SAME
	USA-TX CEVMS/AFC, RMS	CA San Joaquin 775 A 2 Oct	BCWRL-82-0041 CABCSP BCWRL Bezark, L G Andres, L A	SAME
Oberea erythrocephala (Schrank) Coleoptera Cerambycidae	Italy, Tuscany BCWLE/AR	MT Gallatin 291 A 2 Jul	BCWRL-82-0025 RIL Rees, N E	Euphorbia esula Linnaeus leafy spurge

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<u>Species Released</u> Genus Species, Subspecies Author Order, Family	<u>Origin</u> Country, State/Prov, Co Facilities Collector Acronym/ Initials	<u>Released -</u> State, County Total, Stage No. of Sites Month /SEE NOTES	<u>File Number</u> Releaser Acronym, Name * = Specimens Kept	<u>Target Host</u> (at time of release) Genus Species, Subspecies Author, Common Name
Oberea erythrocephala (Schrank) Coleoptera Cerambycidae	Italy, Tuscany BCWLE/AR	MT Gallatin 487 A 1 Jul	BCWRL-82-0030 RIL Rees, N E	Euphorbia esula Linnaeus leafy spurge
	Italy, Tuscany BCWLE/AR	MT Gallatin 58 A 1 Jul	BCWRL-82-0036 RIL Rees, N E	SAME
	Austria CIBCESAU/LH	MT Ravalli 37 A 1 Jul	BCWRL-82-0035 MTSUC Story, J M	SAME
	Italy, Tuscany BCWLE/AR	OR Klamath 342 A 1 Jun	BCWRL-82-2023 BCWRL Johnson, G R	SAME
	Italy, Tuscany BCWLE/AR	WY Lincoln 302 A 1 Jul	BCWRL-82-0026 UWY Hoel, C Nield, S	SAME
Phrydiuchus tau Warner Coleoptera Curculionidae	OR, Lake CABCSP/DBJ	CA Modoc 500e A 1 Nov	CABCSP-CDH-82-0027 CABCSP Joley, D B Supkoff, D M	Salvia aethiopis Linnaeus Mediterranean sage
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster BCIRL/BP	AR Carroll 500e A 1 May	BCIRL-BP-82-0003 UAR Jones, B F Plumlee, H	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	AR Carroll 500e A 1 May NOTE: 097	UMO-MLF-82-0002	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>File Number</u>	<u>Target Host</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	CO, Larimer Co CODA/FJS	CO Boulder 3500e A May to Jun NOTE: 108	CO Stahl, F J	Carduus nutans Linnaeus musk thistle
	CO, Mesa Co CODA/FJS	CO Eagle 750e A Jun NOTE: 108	CO Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO El Paso 1000e A Jun NOTE: 108	CO Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO Elbert 750e A Jun NOTE: 108	CO Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO Gilpin 250e A Jun NOTE: 108	CO Stahl, F J	SAME
	CO, Larimer Co CODA/FJS	CO Jefferson 500e A May NOTE: 108	CO Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO Jefferson 250e A Jun NOTE: 108	CO Stahl, F J	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	CO, Larimer Co CODA/FJS	CO Larimer 3600e A May NOTE: 108	? CODA-FJS-82-0001-1 CODA Stahl, F J	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	CO Larimer 1000e A May NOTE: 102	1 RIL-NER-82-0003 CORB Broda, R	SAME
	CO, Larimer Co CODA/FJS	CO Mesa 3800e A Jun NOTE: 108	? CODA-FJS-82-0001-6 CODA Stahl, F J	SAME
	CO, Larimer Co CODA/FJS	CO Pitkin 11500e A May NOTE: 108	? CODA-FJS-82-0001-5 CODA Stahl, F J	SAME
	CO, Larimer Co CODA/FJS	CO Weld 1750e A May NOTE: 108	? CODA-FJS-82-0001-3 CODA Stahl, F J	SAME
	MT, Gallatin RIL/NER	IA Clay 3500e A May NOTE: 102	1 RIL-NER-82-0004 IASUEXT Greene, B	SAME
	MT, Gallatin RIL/NER	ID ? 1000e A May NOTE: 102, 136	1 RIL-NER-82-0007 BLMBID Madenford, G	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MT, Gallatin RIL/NER	ID Lemhi 500e A May NOTE: 102	RIL-NER-82-0001 IDDF Fritz, D	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	ID Washington 1000e A May NOTE: 102	RIL-NER-82-0005 IDBLLCC Munser, J	SAME
	MT, Gallatin RIL/NER	IL ? ? e A May NOTE: 102	RIL-NER-82-0002 ILDA Hogancamp, J C	SAME
	MT, Gallatin RIL/NER	IN Moultrie 4000e A May NOTE: 102	RIL-NER-82-0006 INTW Woriud, T	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0025 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0027 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 2500e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0029 KS-2 Bus.Customer, JJH	SAME

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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	KS Cloud 5000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0030 KS-2 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	KS Cloud 5000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0032 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0033 KS-5 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0034 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Nemaha 10000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0024 KS-1 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Republic 2500e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0028 KS-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Republic 5000e A,P Jul NOTE: 088, 089	COMJJHNE-JJH-82-0031 KS-4 Bus.Customer, JJH	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Bates 500e A May NOTE: 097	1 UMO-MLF-82-0001	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Christian 1000e A May NOTE: 097	1 UMO-MLF-82-0003	SAME
	MO, Webster UMO/ MODA/	MO Crawford 1000e A May NOTE: 097	2 UMO-MLF-82-0004	SAME
	NE, Valley COMJHNE/JJH	MO Daviess 10000e A,P Jul NOTE: 088, 089	1 COMJHNE-JJH-82-0026 MO-1 Bus.Customer, JJH	SAME
	MO, Webster UMO/ MODA/	MO Douglas 2500e A May NOTE: 097	5 UMO-MLF-82-0005	SAME
	MO, Webster UMO/ MODA/	MO Henry 500e A May NOTE: 097	1 UMO-MLF-82-0006	SAME
	MO, Webster UMO/ MODA/	MO Hickory 500e A May NOTE: 097	1 UMO-MLF-82-0007	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Johnson 1000e A May NOTE: 097	2 UMO-MLF-82-0008	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Laclede 1000e A May NOTE: 097	2 UMO-MLF-82-0009	SAME
	MO, Webster UMO/ MODA/	MO Lawrence 500e A May NOTE: 097	1 UMO-MLF-82-0010	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 5000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0039 MO-6 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 6000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0042 MO-6 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 13000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0047 MO-6 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 16000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0048 MO-6 Bus.Customer, JJH	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Ozark 1500e A May NOTE: 097	3 UMO-MLF-82-0011	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Pike 1000e A May NOTE: 097	2 UMO-MLF-82-0012	SAME
	NE, Valley COMJJHNE/JJH	MO Pike 2000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0035 MO-2 Bus.Customer, JJH	SAME
	MO, Webster UMO/ MODA/	MO Platte 3000e A May NOTE: 097	6 UMO-MLF-82-0013	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 4000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0036 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0037 MO-4 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0038 MO-5 Bus.Customer, JJH	SAME

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PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>Target Host</u>		
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>		
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>		
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>		
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>		
		<u>File Number</u>			
		<u>Releaser Acronym, Name</u>			
		<u>* = Specimens Kept</u>			
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P Jul NOTE: 088, 089	1 1 1 1	COMJJHNE-JJH-82-0040 MO-3 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P Jul NOTE: 088, 089	1	COMJJHNE-JJH-82-0041 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P Jul NOTE: 088, 089	1	COMJJHNE-JJH-82-0043 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P Jul NOTE: 088, 089	1	COMJJHNE-JJH-82-0044 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P Jul NOTE: 088, 089	1	COMJJHNE-JJH-82-0045 MO-4 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 4000e A,P Jul NOTE: 088, 089	1	COMJJHNE-JJH-82-0046 MO-3 Bus.Customer, JJH	SAME
	MO, Webster UMO/ MODA/	MO St Louis 1000e A May NOTE: 097	2	UMO-MLF-82-0014	SAME

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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Stone 1000e A 2 May NOTE: 097	UMO-MLF-82-0015 Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Taney 500e A 1 May NOTE: 097	UMO-MLF-82-0016 SAME
	MO, Webster UMO/ MODA/	MO Webster 2400e A 6 May NOTE: 097	UMO-MLF-82-0017 SAME
	MT, Gallatin RIL/NER BLMDMT/HRC	MT Beaverhead 2500e A 1 May NOTE: 102	RIL-NER-82-0010 SAME BLMDMT Cosgriffe, H R
	MT, Gallatin RIL/NER MTGS/GS	MT Granite 1500e A 1 May NOTE: 102	RIL-NER-82-0037 SAME MTGS Shaw, G
	MT, Gallatin RIL/NER FSEMT/VLL	MT Madison 1000e A 1 May NOTE: 102	RIL-NER-82-0011 SAME FSEMT Lindsey, V L
	MT, Gallatin RIL/NER FSEMT/NF	MT Madison 500e A 1 May NOTE: 102	RIL-NER-82-0017 SAME FSEMT Feiblinger, N

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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MT, Gallatin RIL/NER FSSLMT/JB	MT Missoula 1000e A May NOTE: 102	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER WYJCR/JCR	MT Missoula 1000e A May NOTE: 102	SAME
	MT, Gallatin RIL/NER MTTS/TS	MT Powell 500e A May NOTE: 102	SAME
	MT, Gallatin RIL/NER MTHS/HS	MT Powell 500e A May NOTE: 102	SAME
	MT, Gallatin RIL/NER MTSUEXT/JC	MT Teton 2400e A May NOTE: 102	SAME
	NE, Valley COMJHNE/JJH	NE Antelope 10000e A,P Jul NOTE: 088, 089	SAME
	NE, Valley COMJHNE/JJH	NE Boone 20000e A,P Jul NOTE: 088, 089	SAME

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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Boone 5000e A,P Jul NOTE: 088, 089	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Boone 10000e A,P Jul NOTE: 088, 089	SAME
	NE, Valley COMJJHNE/JJH	NE Boone 20000e A,P Jul NOTE: 088, 089	SAME
	NE, Valley COMJJHNE/JJH	NE Boone 40000e A,P Jul NOTE: 088, 089	SAME
	NE, Valley COMJJHNE/JJH	NE Buffalo 40000e A,P Aug NOTE: 088, 089	SAME
	NE, Valley COMJJHNE/JJH	NE Buffalo 6000e A,P Aug NOTE: 088, 089	SAME
	NE, Valley COMJJHNE/JJH	NE Clay 40000e A,P Jul NOTE: 088, 089	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>
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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJHNE/JJH	NE Cuming 5000e A,P 1 Jul NOTE: 088, 089	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJHNE/JJH	NE Cuming 10000e A,P 1 Aug NOTE: 088, 089	SAME
	NE, Valley COMJHNE/JJH	NE Custer 10000e A,P 1 Jul NOTE: 088, 089	SAME
	NE, Valley COMJHNE/JJH	NE Custer 10000e A,P 1 Jul NOTE: 088, 089	SAME
	NE, Valley COMJHNE/JJH	NE Custer 20000e A,P 1 Jul NOTE: 088, 089	SAME
	NE, Valley COMJHNE/JJH	NE Dawson 20000e A,P 1 Jul NOTE: 088, 089	SAME
	NE, Valley COMJHNE/JJH	NE Dawson 20000e A,P 1 Jul NOTE: 088, 089	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Dawson 100000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0052 NE-7 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	NE Dixon 500e A May NOTE: 102	1 RIL-NER-82-0021 NEDHT Tracy, D H	SAME
	MT, Gallatin RIL/NER	NE Douglas 1500e A May NOTE: 102	1 RIL-NER-82-0029 CEONE Dunwoody, D	SAME
	NE, Valley COMJJHNE/JJH	NE Furnas 30000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0057 NE-33 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Furnas 10000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0058 NE-33 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Furnas 20000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0059 NE-33 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Greeley 60000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0008 NE-23 Bus.Customer, JJH	SAME

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Greeley 20000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0009 NE-23 Bus.Customer, JJH Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Greeley 10000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0014 NE-23 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Greeley 20000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0020 NE-19 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Greeley 10000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0056 NE-19 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0006 NE-22 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0007 NE-22 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P Jul NOTE: 088, 089	1 COMJJHNE-JJH-82-0016 NE-10 Bus.Customer, JJH SAME

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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0018 NE-28 Bus.Customer, JJH Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0061 NE-22 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Knox 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0004 NE-17 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Knox 15000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0005 NE-17 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Knox 6000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0062 NE-3 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Madison 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0013 NE-26 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Merrick 87500e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0001 NE-11 Bus.Customer, JJH SAME

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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Merrick 15000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0003 NE-21 Bus.Customer, JJH Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Pawnee 40000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0015 NE-5 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Sherman 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0010 NE-24 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Sherman 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0055 NE-24 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Webster 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0060 NE-34 Bus.Customer, JJH SAME
	NE, Valley COMJJHNE/JJH	NE Wheeler 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0002 NE-20 Bus.Customer, JJH SAME
	NJ, ? NJDA/GWG, GR	NJ Burlington 1000e A 1 May	NJDA-GWG-82-0001-2 NJDA Garrison, H SAME
	MD, Prince Georges BIIL/SWTB	NJ Gloucester 30 A 1 Jun	BIIL-SWTB-82-0027 BIIL Batra, S W T SAME

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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NJ, ? NJDA/GWG, GR	NJ Hunterdon 766e A Jun	2 NJDA-GWG-82-0001-6 NJDA Perini, J Schlaufman, C	Carduus nutans Linnaeus musk thistle
	NJ, ? NJDA/GWG, GR	NJ Salem 1000e A May	1 NJDA-GWG-82-0001-1 NJDA Garrison, G W	SAME
	NJ, ? NJDA/GWG, GR	NJ Sussex 500e A May	1 NJDA-GWG-82-0001-3 NJDA Mackenthun, D	Carduus acanthoides Linnaeus plumeless thistle
	NJ, ? NJDA/GWG, GR	NJ Warren 6200e A May	6 NJDA-GWG-82-0001 NJDA Mackenthun, D Schlaufman, C	SAME Carduus nutans Linnaeus musk thistle
	MT, Gallatin COLL/XX	NV Elko ? e A May NOTE: 088	1 COLL-X-82-0002 IDKH Howard, K	SAME
	MT, Gallatin RIL/NER	NV Lander 3000e A May NOTE: 102	1 RIL-NER-82-0028 FSANV Nix, G	SAME
	CA, Shasta BCWRL/	NV Lander? 3000e A May	1 BCWRL-SSR-82-0002 FSANV Nix, G	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	CA, Sacramento CA, Contra Costa BCWRL/AM, AM	OR Douglas 800e A 1 May	BCWRL-SSR-82-0001-2 ORDA Hawkes, R B	Silybum marianum (L.) Gaertner milk thistle
	CA, Sacramento CA, Contra Costa BCWRL/AM, AM	OR Linn 200e A 1 May	BCWRL-SSR-82-0001-1 ORDA Brown, J	SAME
	MT, Gallatin RIL/NER CEPSD/DD	SD Charles Mix 26500e A 1 May NOTE: 102	RIL-NER-82-0016 CEPSD Daum, D	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	SD Charles Mix 24000e A 1 May NOTE: 102	RIL-NER-82-0022 CEPSD Daum, D	SAME
	MT, Gallatin RIL/NER	SD Charles Mix 25000e A 1 May NOTE: 102	RIL-NER-82-0023 SDRE Ehrishman, R	SAME
	MT, Gallatin RIL/NER	SD Hughes 1000e A 1 May NOTE: 102	RIL-NER-82-0030 CEODPSD Shea, M	SAME
	MT, Gallatin RIL/NER	SD Lawrence 1800e A 1 May NOTE: 102	RIL-NER-82-0027 SDSUEXTS Orme, L E	SAME
	MT, Gallatin RIL/NER	UT Cache 2800e A 1 May NOTE: 102	RIL-NER-82-0009 UTSUEXT Roberts, R S	SAME

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
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		<u>File Number</u>	
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		<u>* = Specimens Kept</u>	
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MT, Gallatin RIL/NER	UT Daggett 500e A May NOTE: 102	Carduus nutans Linnaeus musk thistle
	MT, Gallatin COLL/XX	UT Rich ? e A May	SAME
	MT, Gallatin RIL/NER	UT Salt Lake 1000e A May NOTE: 102	SAME
	MT, Gallatin RIL/NER	UT Wayne 500e A May NOTE: 102	SAME
	MT, Gallatin RIL/NER	UT Weber 2000e A May NOTE: 102	SAME
	VA, Montgomery VPI/TJM, WTM	VA Albemarle 400e A Jun	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Albemarle 500e A Jun	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Augusta 100e A Jun	SAME

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<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>Target Host</u>	
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
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Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Charlottesville 500e A 1 Jun	VPI-LTK-82-0026 VABJS Shaw-Kennedy, B J	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Culpeper 200e A 2 Jun	VPI-LTK-82-0010 VPI Mays, W T Kok, L T	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Greene 100e A 1 Jun	VPI-LTK-82-0009 VPI McAvoy, T J Mays, W T	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Highland 500e A 1 Jun	VPI-LTK-82-0028 VAWBS Sheldon, W B	SAME
	VA, Montgomery VPI/TJM, WTM	VA Louisa 200e A 2 Jun	VPI-LTK-82-0006 VPI Mays, W T Kok, L T	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Madison 100e A 1 Jun	VPI-LTK-82-0008 VPI McAvoy, T J Mays, W T	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Orange 200e A 2 Jun	VPI-LTK-82-0007 VPI Kok, L T McAvoy, T J	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Rockbridge 100e A 1 Jun	VPI-LTK-82-0021 VPI McAvoy, T J Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Shenandoah 200e A 2 Jun	VPI-LTK-82-0019 VPI McAvoy, T J Mays, W T	SAME
	MT, Gallatin WASU/GLP	WA Okanogan 3000e A 1 Jun NOTE: 102	RIL-NER-82-0018-1 WAONWCB Stiverson, J	SAME
	MT, Gallatin WASU/GLP	WA Walla Walla 2000e A 1 Jun NOTE: 102	RIL-NER-82-0018-2 WASUEXTW Gary, W	SAME
	MT, Gallatin UWY/RJL RIL/NER	WY Converse ? e A 1 May NOTE: 102	RIL-NER-82-0019-1 UWY Lavigne, R J	SAME
	MT, Gallatin RIL/NER WYCCWPCD/JGB	WY Crook 1500e A 1 May NOTE: 102	RIL-NER-82-0020 WYCCWPCD Bornkessel, J G	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	VA, Montgomery VA, Pulaski VPI/LTK KSSU/EKH	KS Riley 562 A 2 Jun	VPI-LTK-82-0029 KSSU Horber, E K	Cirsium vulgare (Savi) Tenore bull thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	MD Frederick 100e A 2 Jun	VPI-LTK-82-0001 BIIL Batra, S W T	SAME
	VA, Montgomery VPI/TJM, WTM	MD Prince Georges 100e A 1 May	VPI-LTK-82-0001-1 BIIL Batra, S W T	SAME
	VA, Montgomery VPI/TJM, WTM	MO Webster 500e A 1 Jun	VPI-LTK-82-0003 BCIRL Puttler, B	SAME
	VA, Montgomery VPI/TJM, WTM	MT Gallatin 460e A 2 Jun	VPI-LTK-82-0002 RIL Rees, N E	SAME
	VA, Montgomery VPI/TJM, WTM	PA Cumberland 100e A 2 Jun	VPI-LTK-82-0001 BIIL Batra, S W T	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	PA Franklin 200e A 3 Jun	VPI-LTK-82-0001 BIIL Batra, S W T	SAME

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<u>Genus</u>	<u>Country, State/Prov. Co</u>	<u>State, County</u>	<u>(at time of release)</u>	
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
			<u>File Number</u>	
			<u>Releaser Acronym, Name</u>	
			<u>* = Specimens Kept</u>	
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Albemarle 600e A 4 Jun	VPI-LTK-82-0011 VPI McAvoy, T J Mays, W T	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Augusta 300e A 2 Jun	VPI-LTK-82-0024 VPI McAvoy, T J Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Culpeper 300e A 2 Jun	VPI-LTK-82-0016 VPI Mays, W T McAvoy, T J	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Fauquier 750e A 5 Jun	VPI-LTK-82-0017 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Frederick 150e A 1 Jun	VPI-LTK-82-0022 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Greene 150e A 1 Jun	VPI-LTK-82-0015 VPI Mays, W T Kok, L T	SAME
				Carduus acanthoides Linnaeus plumeless thistle

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Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Loudoun 300e A 2 Jun	VPI-LTK-82-0018 VPI Kok, L T Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Louisa 300e A 2 Jun	VPI-LTK-82-0012 VPI Mays, W T Kok, L T	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Madison 150e A 1 Jun	VPI-LTK-82-0014 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Orange 300e A 2 Jun	VPI-LTK-82-0013 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Rockbridge 150e A 1 Jun	VPI-LTK-82-0025 VPI McAvoy, T J Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Shenandoah 300e A 2 Jun	VPI-LTK-82-0023 VPI Kok, L T McAvoy, T J	SAME
	VA, Montgomery VPI/TJM, WTM	WY Natrona 192e A 1 Jun	VPI-LTK-82-0004 UWY Lavigne, R J	SAME
Urophora affinis (Frauenfeld) Diptera Tephritidae	MT, Missoula	MT ? ? e L 1 May NOTE: 098, 099	MTSUC-JMS-82-0001	Centaurea maculosa Lam. spotted knapweed

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Urophora affinis (Frauenfeld) Diptera Tephritidae	Canada-BC MTSUC/JMS CDARSK/PH	MT Mineral 10000e A 1 Jun NOTE: 112	MTSUC-JMS-82-0007 MTSUC Story, J M	Centaurea maculosa Lam. spotted knapweed
Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	CA Shasta 199 A 1 Jul	BCWRL-82-0027-2 CABCSP Joley, D B Supkoff, D M	Cirsium arvense (L.) Scop. Canada thistle
	Austria BCWLE/AR, PP	CA Siskiyou 195 A 1 Jul	BCWRL-82-0027-1 CABCSP BCWRL Joley, D B Rosenthal, S S	SAME
	Austria BCWLE/AR, PP	CA Siskiyou 199 A 1 Jul	BCWRL-82-0029 CABCSP BCWRL Joley, D B Rosenthal, S S	SAME
	Austria BCWLE/AR, PP	CO Mesa 170 A 1 Jun	BCWRL-82-0018 CODA Merlino, A J Mowrer, K E	SAME
	Austria BCWLE/AR, PP	IA Cedar 359 A 1 Jun	BCWRL-82-0005 HHNHS Deets, T	SAME
	Austria BCWLE/AR, PP	MD Baltimore 290e A 1 Jun	BCWRL-82-0011-2 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	MD Frederick 278e A 2 May NOTE: 091	BIIL-SWTB-82-0011 BIIL Batra, S W T	SAME

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<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	MD Harford 195 A 1 Jun	BCWRL-82-0003 BIIL Batra, S W T	Cirsium arvense (L.) Scop. Canada thistle
	Austria BCWLE/AR, PP	MD Prince Georges 100 A 1 Jun	BCWRL-82-0011-1 BIIL Batra, S W T	SAME
	Austria BCWLE/AR, PP	MD Prince Georges 195 A 1 Jul	BCWRL-82-0022 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	MD Washington 290e A 3 May NOTE: 091	BIIL-SWTB-82-0012 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	MD Washington 80e A 1 May NOTE: 091	BIIL-SWTB-82-0013 BIIL Batra, S W T	SAME
	Austria BCWLE/AR, PP	MT Ravalli 109 A 1 Jul	BCWRL-82-0021 MTSUC Story, J M	SAME
	Austria BCWLE/AR, PP	MT Ravalli 199 A 1 Jul	BCWRL-82-0024 MTSUC Story, J M	SAME
	Austria BCWLE/AR, PP	MT Ravalli 151 A 1 Jul	BCWRL-82-0028 MTSUC Story, J M	SAME

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
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Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	NV Elko 159 A 2 Jun	BCWRL-82-0019 NVDA Dondero, P Cirsium arvense (L.) Scop. Canada thistle
	Austria BCWLE/AR, PP	OR Benton 200 A 1 May	BCWRL-82-0004 ORDA Hawkes, R B SAME
	Austria BCWLE/AR, PP	OR Benton 100 A 1 Jun	BCWRL-82-0020 ORDA Hawkes, R B SAME
	Austria BCWLE/AR, PP	OR Polk 200e A 1 May	BCWRL-82-0001 ORDA Hawkes, R B SAME
	Austria BCWLE/AR, PP	WA San Juan 150 A 1 Jul	BCWRL-82-0031 NPSSWA Prasil, R G SAME
	Austria BCWLE/AR, PP	WA Whitman 184 A 2 Jun	BCWRL-82-0013 WASU Piper, G L SAME
	Austria BCWLE/AR, PP	WA Whitman 200 A 1 Jul	BCWRL-82-1023 WASU Piper, G L SAME
	Austria BCWLE/AR, PP	WY Campbell 123 A 1 Jun	BCWRL-82-0016-2 UWY Lavigne, R J SAME
	Austria BCWLE/AR, PP	WY Crook 144 A 1 Jun	BCWRL-82-0016-1 UWY Littlefield, J L SAME

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<u>Author</u>	<u>Collector Acronym/ Initials</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>		<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
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Zeuxidiplosis giardi (Kieffer) Diptera Cecidomyiidae	CA, Alameda BCWRL/	OR Marion ? e L,P 1 May NOTE: 011	Hypericum perforatum Linnaeus common St. Johnswort
	USA, CA BCWRL	OR Marion ? e A,L 1 May NOTE: 011	SAME
	CA, Alameda BCWRL/	WA Whitman ? e L,P 1 Jun NOTE: 011	SAME

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NOTES

011 Released as infested plants.

084 Some Amynothrips andersoni were observed during releases at least at some of these sites (A L Bates, TVAMSAL, in litt., 1990), apparently being included in the Agasicles release material.

088 Commercial shipment. Field release assumed.

089 Shipped/released as infested seed heads.

091 Released as infested galls.

097 Collectors and releasers of this material included personnel of UMO's Integrated Pest Management unit, MODA, and BCIRL, and extension agents and farmers.

098 In May 1982, a "field day" was held in Missoula County, MT, where Urophora affinis was well established on Centaurea maculosa. Many persons collected C. maculosa seedheads infested with U. affinis larvae for distribution elsewhere in Montana, release sites not recorded.

099 The infested seedheads probably also included a small number of Urophora quadrifasciata larvae.

100 The releases of infested Centaurea maculosa seedheads containing Urophora affinis larvae (which see) probably also included an undetermined number of U. quadrifasciata larvae.

101 Material originally field-collected in British Columbia, Canada, and transported directly to MTSUC. AD-941 record = MTSUC-JMS-82-3.

102 Collections and releases were the result of "field days" in Gallatin County, MT, arranged by RIL. Release information is estimated.

108 Total of 33,150 weevils were released at 48 locations in Colorado from 5/26 to 6/28/82.

112 Material originally field-collected in British Columbia, Canada, and transported directly to MTSUC. AD-941 record = MTSUC-JMS-82-5.

113 Released as infested plants in field cage.

133 Neither Florida source nor South Carolina release information has been made available; for details concerning this release, contact CEJFL and CECSC.

134 For details on Florida collection of this release material, contact CEJFL.

136 Information on the recipient and/or release of this material is not available; for possible information, contact UID.

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PART B - Target Host Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host Arranged Alphabetically by Common Name

Class: Liliopsida

Order of Host: Liliales

Family of Host: Pontederiaceae

Host Genus, species, author: Eichhornia crassipes (C.Mart.) Solms-Laub.

Common name of host: waterhyacinth

Species Released: Neochetina bruchi

Class: Magnoliopsida

Order of Host: Asterales

Family of Host: Asteraceae

Host Genus, species, author: Carduus acanthoides Linnaeus

Common name of host: plumeless thistle

Species Released: Rhinocyllus conicus

Trichosirocalus horridus

Host Genus, species, author: Carduus nutans Linnaeus

Common name of host: musk thistle

Species Released: Rhinocyllus conicus

Trichosirocalus horridus

Host Genus, species, author: Centaurea diffusa Lam.

Common name of host: diffuse knapweed

Species Released: Urophora quadrifasciata

Host Genus, species, author: Centaurea maculosa Lam.

Common name of host: spotted knapweed

Species Released: Metzneria paucipunctella
Urophora quadrifasciata

Urophora affinis

Host Genus, species, author: Chondrilla juncea Linnaeus

Common name of host: rush skeletonweed

Species Released: Aceria chondrillae

Host Genus, species, author: Cirsium arvense (L.) Scop.

Common name of host: Canada thistle

Species Released: Altica carduorum
Urophora cardui

Hadroplontus litura

Host Genus, species, author: Cirsium vulgare (Savi) Tenore

Common name of host: bull thistle

Species Released: Trichosirocalus horridus

Host Genus, species, author: Senecio jacobaea Linnaeus

Common name of host: tansy ragwort

Species Released: Botanophila seneciella

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Host Genus, species, author: *Silybum marianum* (L.) Gaertner
Common name of host: milk thistle
Species Released: *Rhinocyllus conicus*

Order of Host: Caryophyllales

Family of Host: Amaranthaceae

Host Genus, species, author: *Alternanthera philoxeroides* (C. Martius) Griseb.
Common name of host: alligatorweed
Species Released: *Agasicles hygrophila*

Family of Host: Chenopodiaceae

Host Genus, species, author: *Salsola australis* R. Br.
Common name of host: Russian thistle
Species Released: *Coleophora klimeschiella*

Order of Host: Euphorbiales

Family of Host: Euphorbiaceae

Host Genus, species, author: *Euphorbia cyparissias* Linnaeus
Common name of host: cypress spurge
Species Released: *Hyles euphorbiae*

Host Genus, species, author: *Euphorbia esula* Linnaeus
Common name of host: leafy spurge
Species Released: *Hyles euphorbiae*

Oberea erythrocephala

Order of Host: Lamiales

Family of Host: Lamiaceae

Host Genus, species, author: *Salvia aethiopis* Linnaeus
Common name of host: Mediterranean sage
Species Released: *Phrydiuchus tau*

Order of Host: Sapindales

Family of Host: Zygophyllaceae

Host Genus, species, author: *Tribulus terrestris* Linnaeus
Common name of host: puncturevine
Species Released: *Microlarinus lareynii*

Microlarinus lypriformis

Order of Host: Scrophulariales

Family of Host: Scrophulariaceae

Host Genus, species, author: *Linaria dalmatica* (L.) Mill.
Common name of host: Dalmatian toadflax
Species Released: *Calophasia lunula*

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SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host Arranged Alphabetically by Common Name

Order of Host: Theales

Family of Host: Clusiaceae

Host Genus, species, author: *Hypericum perforatum* Linnaeus

Common name of host: common St. Johnswort

Species Released: *Chrysolina quadrigemina*

Zeuxidiplosis giardi

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Common Name	Genus-species	Order:Family
alligatorweed	<i>Alternanthera philoxeroides</i>	Caryophyllales:Amaranthaceae
bull thistle	<i>Cirsium vulgare</i>	Asterales:Asteraceae
Canada thistle	<i>Cirsium arvense</i>	Asterales:Asteraceae
common St. Johnswort	<i>Hypericum perforatum</i>	Theales:Clusiaceae
cypress spurge	<i>Euphorbia cyparissias</i>	Euphorbiales:Euphorbiaceae
Dalmatian toadflax	<i>Linaria dalmatica</i>	Scrophulariales:Scrophulariaceae
diffuse knapweed	<i>Centaurea diffusa</i>	Asterales:Asteraceae
leafy spurge	<i>Euphorbia esula</i>	Euphorbiales:Euphorbiaceae
Mediterranean sage	<i>Salvia aethiopis</i>	Lamiales:Lamiaceae
milk thistle	<i>Silybum marianum</i>	Asterales:Asteraceae
musk thistle	<i>Carduus nutans</i>	Asterales:Asteraceae
plumeless thistle	<i>Carduus acanthoides</i>	Asterales:Asteraceae
puncturevine	<i>Tribulus terrestris</i>	Sapindales:Zygophyllaceae
rush skeletonweed	<i>Chondrilla juncea</i>	Asterales:Asteraceae
Russian thistle	<i>Salsola australis</i>	Caryophyllales:Chenopodiaceae
spotted knapweed	<i>Centaurea maculosa</i>	Asterales:Asteraceae
tansy ragwort	<i>Senecio jacobaea</i>	Asterales:Asteraceae
waterhyacinth	<i>Eichhornia crassipes</i>	Liliales:Pontederiaceae

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SECTION III - LIST OF INTRODUCED MICROBIAL ORGANISMS RELEASED IN U.S. AND TERRITORIES - 1982

Arranged Alphabetically by Genus-species of Released Organism, State, County

<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>	<u>File Number</u>	<u>Target Host</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Collector Acronym/</u>	<u>Month /SEE NOTES</u>		<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>			<u>Author, Common Name</u>
HbGV (granulosis virus)	CA, San Diego UCR UCR/	CA Tulare 2	UCR-BAF-82-0001 UCR Federici, B A Stern, V M	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
Baculoviridae		NOTE: 085		

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Arranged Alphabetically by Genus-species of Released Organism, State, County

NOTES

085 For details of this recolonization of virus established in the early 1950s in California from material originally from Mexico and Arizona, see Stern, V M, and B A Federici, Calif. Agr. 44(3):21-22, 1990.

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SECTION IV - INTRODUCED POLLINATORS AND OTHER BENEFICIAL SPECIES RELEASED IN U.S. AND TERRITORIES - 1982

Arranged Alphabetically by Genus-species of Released Organism, State, County

<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>		<u>File Number</u>	<u>Target</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>		<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	
<u>Author</u>	<u>Collector Acronym/</u>	<u>Month /SEE NOTES</u>			
<u>Order, Family</u>	<u>Initials</u>				
Chalicodoma mucorea Fries	Egypt EGCU/SER	NV Clark 19 A Apr to May	1	BBSL-82-0001 BBSL Parker, F D	alfalfa
Hymenoptera Megachilidae					
Euoniticellus intermedius (Reiche)	? CSIROC	HI Hawaii 565 A Oct	1	HDA-82-0004 HDAH Yoshioka, E R	cattle dung & horn fly
Coleoptera Scarabaeidae					
	USA, CA (ex South Africa) UCDEXT	TX Brazos 1692 A Jul to Nov	1	VTERL-GTF-82-0009 VTERL Fincher, G T	SAME
Onitis alexis Klug	USA, CA (ex South Africa) UCDEXT	TX Brazos 202 A Sep	1	VTERL-GTF-82-0008-2 VTERL Fincher, G T	SAME
Coleoptera Scarabaeidae					
	USA, CA (ex South Africa) UCDEXT	TX Burleson 38 A Jul	1	VTERL-GTF-82-0008-1 VTERL Fincher, G T	SAME
Onthophagus bonasus (Fabricius)	Pakistan VTERL	TX Brazos 1552 A Jul to Sep	1	VTERL-GTF-82-0007-2 VTERL Fincher, G T	SAME
Coleoptera Scarabaeidae					
	Pakistan VTERL	TX Burleson 218 A Jul	1	VTERL-GTF-82-0007-1 VTERL Fincher, G T	SAME
Osmia cornifrons (Radoszkowski)	MD, Prince Georges BIIL/SWTB	GA De Kalb 150e A Jan	1	BIIL-SWTB-81-0025 COMBI Batra, P	apple, peach
Hymenoptera Megachilidae					

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 Arranged Alphabetically by Genus-species of Released Organism, State, County

<u>Species Released</u>	<u>Origin</u>	<u>Released -</u>		<u>File Number</u>	<u>Target</u>
<u>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>	<u>Total, Stage</u>	<u>Releaser Acronym, Name</u>	<u>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Month</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	
<u>Author</u>	<u>Collector Acronym/</u>		<u>/SEE NOTES</u>		
<u>Order, Family</u>	<u>Initials</u>				
Osmia cornifrons (Radoszkowski) Hymenoptera Megachilidae	MD, Prince Georges BIIL/SWTB	MD Anne Arundel 150e A Mar	1	BIIL-SWTB-82-0002 MDLM Monticello, L	apple
	Japan, Honshu JANFTES/TK	MD Prince Georges 9800e A Apr	1	BIRL-81-0185 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	VT Washington 150e A Mar	1	BIIL-SWTB-82-0003 VTDA Drutschas, R A	SAME
Osmia cornuta Latreille Hymenoptera Megachilidae	Spain SPINIAV/EA	UT Cache 1568 A May	1	BBSL-82-0002 BBSL Torchio, P F	SAME
Osmia lignaria propinqua Cresson Hymenoptera Megachilidae	UT, Cache BBSL/PFT	VA Nelson 6591e A Apr	1	BBSL-PFT-81-0002 NCSU Kuhn, E D	SAME

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SECTION V - SPECIES OF INTRODUCED BENEFICIAL ORGANISMS (EXCLUDING PLANTS) RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

PHYLUM: MOLLUSCA

Class: Gastropoda
Order: Pulmonata
Family: Oleacinidae
 Euglandina rosea (Ferussac) PR

Family: Streptaxidae
 Gonaxis quadrilateralis (Preston) PR

Family: Subulinidae
 Rumina decollata Linnaeus PR

PHYLUM: NEMATODA

Class: Adenophorea
Order: Enoplida
Family: Mermithidae
 Hexameris sp. PA

PHYLUM: ARTHROPODA

Class: Arachnida (Subclass Acari)
Order: Acariformes
Family: Eriophyidae
 Aceria chondrillae (Canestrini) WE

Family: Podapolipidae
 Coccipolipus epilachnae Smiley PA

Order: Parasitiformes
Family: Phytoseiidae
 Amblyseius limonicus Garman & McGregor PR
 Amblyseius sp. PR
 Euseius elinae (Schicha) PR
 Euseius quetzali McMurtry PR
 Euseius stipulatus (Athias-Henriot) PR
 Iphiseius degenerans (Berlese) PR
 Phytoseiulus longipes Evans PR
 Phytoseiulus persimilis Athias-Henriot PR
 Typhlodromus occidentalis Nesbitt PR
 Typhlodromus tiliae Oudemans PR

Amblyseius longispinosus (Evans) PR
Euseius concordis (Chant) PR
Euseius hibisci (Chant) PR
Euseius scutalis (Athias-Henriot) PR
Euseius tutsi (Pritchard & Baker) PR
Neoseiulus californicus (McGregor) PR
Phytoseiulus macropilis (Banks) PR
Typhlodromus annectens DeLeon PR
Typhlodromus porresi McMurtry PR

Class: Insecta
Order: Coleoptera
Family: Cerambycidae
 Oberea erythrocephala (Schrank) WE

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 Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Family: Chrysomelidae

Agasicles hygrophila Selman & Vogt WE
 Chrysolina quadrigemina (Suffrian) WE

Altica carduorum Guérin WE

Family: Coccinellidae

Calvia quatuordecimguttata (Linnaeus) PR
 Harmonia axyridis (Pallas) PR
 Hyperaspis senegalensis hottentotta Mulsant PR
 Nephaspis oculata (Blatchley) PR
 Propylea quatuordecimpunctata (Linnaeus) PR

Exochomus flavipes (Thunberg) PR
 Harmonia conformis (Boisduval) PR
 Menochilus quadriplagiatus (Swartz) PR
 Oenopia conglobata (Linnaeus) PR

Family: Curculionidae

Hadroplontus litura (Fabricius) WE
 Microlarinus lypriformis (Wollaston) WE
 Phrydiuchus tau Warner WE
 Trichosirocalus horridus (Panzer) WE

Microlarinus lareynii (Jacquelin du Val) WE
 Neochetina bruchi Hustache WE
 Rhinocyllus conicus (Froelich) WE

Family: Histeridae

Atholus coelestis Marsham PR
 Pactolinus parallelus (Redtenbacher) PR

Atholus maindronii (Lewis) PR

Family: Scarabaeidae

Euoniticellus intermedius (Reiche) OT
 Onthophagus bonasus (Fabricius) OT

Onitis alexis Klug OT

Order: Diptera

Family: Anthomyiidae

Botanophila seneciella (Meade) WE

Family: Cecidomyiidae

Zeuxidiplosis giardi (Kieffer) WE

Family: Pallopteridae

Palloptera modesta (Meigen) PR

Family: Tachinidae

Ametadoria misella (Wulp) PA
 Cyzenis albicans (Fallén) PA

Compsilura concinnata (Meigen) PA

Family: Tephritidae

Urophora affinis (Frauenfeld) WE
 Urophora quadrifasciata (Meigen) WE

Urophora cardui (Linnaeus) WE

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 Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Order: Heteroptera

Family: Miridae

Tytthus mundulus (Breddin) PR

Family: Pentatomidae

Oplonus severus Breddin PR

Order: Hymenoptera

Family: Aphelinidae

Aphelinus asychis Walker PA

Aphytis melinus DeBach PA

Aspidiotiphagus sp. PA

Coccophagus rusti Compere PA

Encarsia formosa Gahan PA

Encarsia sp. PA

Eretmocerus n. sp. PA

Prococcophagus probus Annecke PA

Pteroptrix n. sp. PA

Aphytis aonidiae (Mercet) PA

Aphytis sp. PA

Cales noacki Howard PA

Encarsia ?haitiensis Dozier PA

Encarsia lahorensis (Howard) PA

Encarsia sp. I PA

Eretmocerus sp. PA

Prococcophagus saissetiae Annecke & Mynhardt PA

Family: Aphidiidae

Aphidius ervi Haliday PA

Ephedrus plagiator (Nees) PA

Praon volucre (Haliday) PA

Aphidius uzbekistanicus Luzhetzki PA

Praon sp. PA

Family: Bethylidae

Goniozus legneri Gordh PA

Family: Braconidae

Allorhogas pyralophagus Marsh PA

Biosteres sublaevis Wharton PA

Cotesia flavipes (Cameron) PA

Cotesia plutellae (Kurdjumov) PA

Dacnusa dryas (Nixon) PA

Diachasmimorpha tryoni (Cameron) PA

Glyptapanteles harrisinae (Muesebeck) PA

Glyptapanteles sp. prob. *caffreyi* (Muesebeck) PA

Microctonus aethiopoides Loan PA

Microplitis demolitor (Wilkinson) PA

Opius dissitus Muesebeck PA

Peristenus rubricollis (Thomson) PA

Phanerotoma sp. PA

Pseudapanteles dignus (Muesebeck) PA

Rogas sp. PA

Apanteles scutellaris Muesebeck PA

Bracon gelechiae Ashmead PA

Cotesia melanoscelus (Ratzeburg) PA

Cotesia ruficrus (Haliday) PA

Dendrosoter protuberans (Nees) PA

Glyptapanteles flavicoxis (Marsh) PA

Glyptapanteles indiensis (Marsh) PA

Meteorus pulchricornis (Wesmael) PA

Microctonus colesi Drea PA

Microplitis manilae (Ashmead) PA

Peristenus digoneutis Loan PA

Peristenus stygicus Loan PA

Pholetesor pedias (Nixon) PA

Rogas lymantrianae Watanabe PA

Zelomorpha sp. PA

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 Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Family: Chalcididae

Brachymeria intermedia (Nees) PA

Brachymeria lasus (Walker) PA

Family: Diapriidae

Coptera occidentalis Muesebeck PA

Family: Encyrtidae

Aloencyrtus saissetiae (Compere) PA

Cerchysiella utilis (Noyes) PA

Comperiella bifasciata Howard PA

Encyrtus saliens Prinsloo & Annecke PA

Holcothorax testaceipes (Ratzeburg) PA

Metaphycus stramineus (Compere) PA

Arrhenophagus chionaspidis Aurivillius PA

Comperia merceti (Compere) PA

Comperiella sp. PA

Habrolepis sp. PA

Metaphycus funicularis Annecke PA

Pentalitomastix plethorica Caltagirone PA

Family: Eulophidae

Chrysocharis liriomyzae Delucchi PA

Chrysocharis sp. nr. *giraulti* Yoshimoto PA

Chrysonotomyia punctiventris (Crawford) PA

Edovum puttleri Grissell PA

Oomyzus gallerucae (Fonscolombe) PA

Pediobius facialis (Giraud) PA

Sympiesis stigmatipennis Girault PA

Chrysocharis parksi Crawford PA

Chrysonotomyia formosa (Westwood) PA

Chrysonotomyia ruforum (Krausse) PA

Euplectrus puttleri Gordh PA

Oomyzus incertus (Ratzeburg) PA

Pediobius foveolatus (Crawford) PA

Family: Eupelmidae

Anastatus disparis Ruschka PA

Family: Ichneumonidae

Agrypon flaveolatum (Gravenhorst) PA

Bathyplectes curculionis (Thomson) PA

Campoplex frustranae Cushman PA

Coccygomimus disparis (Viereck) PA

Diadegma laricinellum (Strobl) PA

Grypocentrus albipes Ruthe PA

Lathrolestes nigricollis (Thomson) PA

Microcharops bimaculata (Ashmead) PA

Bathyplectes anurus (Thomson) PA

Bathyplectes stenostigma (Thomson) PA

Campoplex n. sp. PA

Corsoncus magus (Cresson) PA

Diaparsis temporalis Horstmann PA

Hyposoter lymantriae Cushman PA

Lophyproplectus oblongopunctatus (Hartig) PA

Olesicampe benefactor Hinz PA

Family: Megachilidae

Chalicodoma mucorea Fries PO

Osmia cornuta Latreille PO

Osmia cornifrons (Radoszkowski) PO

Osmia lignaria propinqua Cresson PO

Family: Mymaridae

Anaphes diana (Girault) PA

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Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Family: Platygasteridae

Amitus ?spiniferus (Brèthes) PA

Amitus spiniferus (Brèthes) PA

Family: Pteromalidae

Halticoptera patellana (Dalman) PA

Family: Scelionidae

Telenomus chloropus Thomson PA

Family: Sphecidae

Larra bicolor Fabricius PA

Family: Trichogrammatidae

Trichogramma pretiosum Riley PA

Trichogramma sp. PA

Order: Lepidoptera

Family: Coleophoridae

Coleophora klimeschiella Toll WE

Family: Gelechiidae

Metzneria paucipunctella Zeller WE

Family: Noctuidae

Calophasia lunula (Hufnagel) WE

Family: Sphingidae

Hyles euphorbiae Linnaeus WE

Order: Thysanoptera

Family: Thripidae

Scolothrips sexmaculatus (Pergande) PR

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SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982

Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AL
County: Autauga
Genus-species: Encarsia lahorensis PA

State: AL
County: Baldwin
Genus-species: Agasicles hygrophila WE Encarsia lahorensis PA

State: AL
County: Barbour
Genus-species: Encarsia lahorensis PA

State: AL
County: Bibb
Genus-species: Encarsia lahorensis PA

State: AL
County: Bullock
Genus-species: Encarsia lahorensis PA

State: AL
County: Butler
Genus-species: Encarsia lahorensis PA

State: AL
County: Chambers
Genus-species: Encarsia lahorensis PA

State: AL
County: Chilton
Genus-species: Encarsia lahorensis PA

State: AL
County: Choctaw
Genus-species: Encarsia lahorensis PA

State: AL
County: Clarke
Genus-species: Encarsia lahorensis PA

State: AL
County: Clay
Genus-species: Encarsia lahorensis PA

State: AL
County: Coffee
Genus-species: Encarsia lahorensis PA

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State: AL
County: Colbert
Genus-species: Agasicles hygrophila WE

State: AL
County: Conecuh
Genus-species: Encarsia lahorensis PA

State: AL
County: Coosa
Genus-species: Encarsia lahorensis PA

State: AL
County: Covington
Genus-species: Encarsia lahorensis PA

State: AL
County: Crenshaw
Genus-species: Encarsia lahorensis PA

State: AL
County: Dale
Genus-species: Encarsia lahorensis PA

State: AL
County: Dallas
Genus-species: Encarsia lahorensis PA

State: AL
County: Elmore
Genus-species: Encarsia lahorensis PA

State: AL
County: Escambia
Genus-species: Encarsia lahorensis PA

State: AL
County: Greene
Genus-species: Encarsia lahorensis PA

State: AL
County: Hale
Genus-species: Encarsia lahorensis PA

State: AL
County: Henry
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AL
County: Houston
Genus-species: Encarsia lahorensis PA

State: AL
County: Jackson
Genus-species: Agasicles hygrophila WE

State: AL
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: AL
County: Lee
Genus-species: Encarsia lahorensis PA

State: AL
County: Lowndes
Genus-species: Encarsia lahorensis PA

State: AL
County: Macon
Genus-species: Encarsia lahorensis PA

State: AL
County: Marengo
Genus-species: Encarsia lahorensis PA

State: AL
County: Marshall
Genus-species: Agasicles hygrophila WE

State: AL
County: Mobile
Genus-species: Agasicles hygrophila WE
Encarsia lahorensis PA

State: AL
County: Monroe
Genus-species: Encarsia lahorensis PA

State: AL
County: Montgomery
Genus-species: Encarsia lahorensis PA

State: AL
County: Perry
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AL
County: Pickens
Genus-species: Encarsia lahorensis PA

State: AL
County: Pike
Genus-species: Encarsia lahorensis PA

State: AL
County: Randolph
Genus-species: Encarsia lahorensis PA

State: AL
County: Russell
Genus-species: Encarsia lahorensis PA

State: AL
County: Shelby
Genus-species: Encarsia lahorensis PA

State: AL
County: Sumter
Genus-species: Encarsia lahorensis PA

State: AL
County: Talladega
Genus-species: Encarsia lahorensis PA

State: AL
County: Tallapoosa
Genus-species: Encarsia lahorensis PA

State: AL
County: Tuscaloosa
Genus-species: Encarsia lahorensis PA

State: AL
County: Washington
Genus-species: Encarsia lahorensis PA

State: AL
County: Wilcox
Genus-species: Encarsia lahorensis PA

State: AR
County:
Genus-species: Bathyplectes curculionis PA

Microctonus colesi PA

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State: AR

County: Arkansas

Genus-species: Encarsia lahorensis PA

State: AR

County: Ashley

Genus-species: Encarsia lahorensis PA

Trichogramma pretiosum PA

Microplitis demolitor PA

State: AR

County: Benton

Genus-species: Bathyplectes anurus PA

State: AR

County: Bradley

Genus-species: Encarsia lahorensis PA

State: AR

County: Calhoun

Genus-species: Encarsia lahorensis PA

State: AR

County: Carroll

Genus-species: Rhinocyllus conicus WE

State: AR

County: Chicot

Genus-species: Encarsia lahorensis PA

State: AR

County: Clark

Genus-species: Encarsia lahorensis PA

State: AR

County: Cleveland

Genus-species: Encarsia lahorensis PA

State: AR

County: Columbia

Genus-species: Encarsia lahorensis PA

State: AR

County: Dallas

Genus-species: Encarsia lahorensis PA

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State: AR

County: Miller

Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

Encarsia lahorensis PA

State: AR

County: Nevada

Genus-species: Encarsia lahorensis PA

State: AR

County: Ouachita

Genus-species: Encarsia lahorensis PA

State: AR

County: Phillips

Genus-species: Bathyplectes anurus PA

Encarsia lahorensis PA

State: AR

County: Pike

Genus-species: Encarsia lahorensis PA

State: AR

County: Pulaski

Genus-species: Bathyplectes anurus PA

Microctonus aethiopoies PA

State: AR

County: Searcy

Genus-species: Bathyplectes anurus PA

State: AR

County: Sevier

Genus-species: Encarsia lahorensis PA

State: AR

County: St Francis

Genus-species: Bathyplectes anurus PA

State: AR

County: Union

Genus-species: Encarsia lahorensis PA

State: AR

County: Washington

Genus-species: Bathyplectes stenostigma PA

Oomyzus incertus PA

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State: AZ

County: Pima

Genus-species: *Peristenus stygicus* PA

State: CA

County: Alameda

Genus-species: *Aphidius ervi* PA
Comperia merceti PA
Praon sp. PA

Bathyplectes anurus PA
Encyrtus saliens PA

State: CA

County: Butte

Genus-species: *Ametadoria misella* PA
Coleophora klimeschiella WE
Goniozus legneri PA
Phanerotoma sp. PA

Bracon gelechiae PA
Glyptapanteles harrisinae PA
Pentalitomastix plethorica PA
Trichogramma sp. PA

State: CA

County: Calaveras

Genus-species: *Chrysolina quadrigemina* WE

State: CA

County: Contra Costa

Genus-species: *Encyrtus saliens* PA

State: CA

County: Del Norte

Genus-species: *Botanophila seneciella* WE

State: CA

County: Fresno

Genus-species: *Ametadoria misella* PA
Bathyplectes anurus PA
Coleophora klimeschiella WE
Microctonus aethiopoides PA
Prococcophagus saissetiae PA

Aphidius ervi PA
Coccophagus rusti PA
Glyptapanteles harrisinae PA
Prococcophagus probus PA

State: CA

County: Glenn

Genus-species: *Aphidius ervi* PA

State: CA

County: Imperial

Genus-species: *Aphytis melinus* PA
Aspidiotiphagus sp. PA
Atholus maindronii PR
Comperiella bifasciata PA

Aphytis sp. PA
Atholus coelestis PR
Bracon gelechiae PA
Comperiella sp. PA

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Genus-species: Goniozus legneri PA
Pactolinus parallelus PR

Habrolepis sp. PA

State: CA
County: Kern

Genus-species: Ametadoria misella PA
Glyptapanteles harrisinae PA

Coleophora klimeschiella WE

State: CA
County: Kings

Genus-species: Aphidius ervi PA

State: CA
County: Los Angeles

Genus-species: Oomyzus gallerucae PA

State: CA
County: Madera

Genus-species: Ametadoria misella PA
Coccophagus rusti PA
Prococcophagus saissetiae PA

Chrysolina quadrigemina WE
Glyptapanteles harrisinae PA

State: CA
County: Mariposa

Genus-species: Chrysolina quadrigemina WE

State: CA
County: Modoc

Genus-species: Aphidius ervi PA

Phrydiuchus tau WE

State: CA
County: Monterey

Genus-species: Aphidius ervi PA
Microlarinus lareynii WE

Chrysolina quadrigemina WE
Microlarinus lypriformis WE

State: CA
County: Orange

Genus-species: Aphytis sp. PA
Campoplex frustranae PA
Encarsia sp. I PA
Eretmocerus sp. PA
Euseius elinae PR
Euseius quetzali PR
Habrolepis sp. PA
Rumina decollata PR
Typhlodromus porresi PR

Aspidiotiphagus sp. PA
Encarsia sp. PA
Eretmocerus n. sp. PA
Euseius concordis PR
Euseius hibisci PR
Euseius stipulatus PR
Iphiseius degenerans PR
Typhlodromus annectens PR

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State: CA

County: Placer

Genus-species: *Ametadoria misella* PA

Glyptapanteles harrisinae PA

State: CA

County: Riverside

Genus-species: *Aphytis* sp. PA
Bracon gelechia PA
Encarsia sp. I PA
Euseius scutalis PR
Habrolepis sp. PA

Aspidiotiphagus sp. PA
Campoplex frustranae PA
Eretmocerus sp. PA
Goniozus legneri PA

State: CA

County: Sacramento

Genus-species: *Coleophora klimeschiella* WE
Hyperaspis senegalensis hottentotta PR
Metaphycus stramineus PA

Exochomus flavipes PR
Metaphycus funicularis PA

State: CA

County: San Bernardino

Genus-species: *Oomyzus gallerucae* PA

State: CA

County: San Diego

Genus-species: *Amblyseius limonicus* PR
Euseius elinae PR
Euseius quetzali PR
Euseius stipulatus PR
Hyperaspis senegalensis hottentotta PR
Metaphycus funicularis PA
Phytoseiulus macropilis PR
Typhlodromus annectens PR
Typhlodromus tiliae PR

Euseius concordis PR
Euseius hibisci PR
Euseius scutalis PR
Exochomus flavipes PR
Iphiseius degenerans PR
Metaphycus stramineus PA
Phytoseiulus persimilis PR
Typhlodromus porresi PR

State: CA

County: San Joaquin

Genus-species: *Aphidius ervi* PA
Pentalitomastix plethorica PA

Neochetina bruchi WE
Phanerotoma sp. PA

State: CA

County: San Luis Obispo

Genus-species: *Biosteres sublaevis* PA
Exochomus flavipes PR
Metaphycus funicularis PA
Microlarinus lareynii WE

Coptera occidentalis PA
Hyperaspis senegalensis hottentotta PR
Metaphycus stramineus PA
Microlarinus lypriformis WE

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State: CA
 County: San Mateo
 Genus-species: *Microlarinus lareynii* WE *Microlarinus lypriformis* WE

State: CA
 County: Santa Barbara
 Genus-species: *Euseius elinae* PR *Euseius hibisci* PR
 Euseius quetzali PR *Euseius stipulatus* PR
 Euseius tutsi PR *Exochomus flavipes* PR
 Hyperaspis senegalensis hottentotta PR *Iphiseius degenerans* PR
 Metaphycus funicularis PA *Metaphycus stramineus* PA

State: CA
 County: Santa Clara
 Genus-species: *Microlarinus lareynii* WE *Microlarinus lypriformis* WE

State: CA
 County: Santa Cruz
 Genus-species: *Exochomus flavipes* PR *Hyperaspis senegalensis hottentotta* PR
 Metaphycus funicularis PA *Metaphycus stramineus* PA

State: CA
 County: Shasta
 Genus-species: *Ametadoria misella* PA *Glyptapanteles harrisinae* PA
 Urophora cardui WE

State: CA
 County: Siskiyou
 Genus-species: *Aphidius ervi* PA *Bathyplectes anurus* PA
 Urophora cardui WE

State: CA
 County: Stanislaus
 Genus-species: *Microlarinus lareynii* WE *Microlarinus lypriformis* WE

State: CA
 County: Tehama
 Genus-species: *Aloencyrtus saissetiae* PA *Coccophagus rusti* PA
 Prococcophagus probus PA *Prococcophagus saissetiae* PA

State: CA
 County: Tulare
 Genus-species: *Ametadoria misella* PA *Aphidius ervi* PA
 Aphytis sp. PA *Aspidiotiphagus* sp. PA
 Atholus maindronii PR *Coleophora klimeschiella* WE
 Glyptapanteles harrisinae PA *Goniozus legneri* PA
 Habrolepis sp. PA *HbGV (granulosis virus)* MI

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Genus-species: *Pactolinus parallelus* PR
Phytoseiulus persimilis PR

Phytoseiulus longipes PR
Typhlodromus annectens PR

State: CA

County: Ventura

Genus-species: *Amblyseius limonicus* PR
Amitus spiniferus PA
Aspidiotiphagus sp. PA
Encarsia sp. I PA
Eretmocerus sp. PA
Euseius elinae PR
Euseius quetzali PR
Euseius tutsi PR
Glyptapanteles harrisinae PA
Hyperaspis senegalensis hottentotta PR
Metaphycus stramineus PA
Typhlodromus porresi PR

Ametadoria misella PA
Aphytis sp. PA
Cales noacki PA
Eretmocerus n. sp. PA
Euseius concordis PR
Euseius hibisci PR
Euseius stipulatus PR
Exochomus flavipes PR
Habrolepis sp. PA
Metaphycus funicularis PA
Typhlodromus annectens PR

State: CA

County: Yolo

Genus-species: *Aphidius ervi* PA
Microlarinus lypriformis WE

Microlarinus lareynii WE

State: CO

County: Boulder

Genus-species: *Rhinocyllus conicus* WE

State: CO

County: Delta

Genus-species: *Dendrosoter protuberans* PA

Pediobius foveolatus PA

State: CO

County: Douglas

Genus-species: *Dendrosoter protuberans* PA

State: CO

County: Eagle

Genus-species: *Rhinocyllus conicus* WE

State: CO

County: El Paso

Genus-species: *Dendrosoter protuberans* PA

Rhinocyllus conicus WE

State: CO

County: Elbert

Genus-species: *Rhinocyllus conicus* WE

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State: CO

County: Garfield

Genus-species: Dendrosoter protuberans PA

State: CO

County: Gilpin

Genus-species: Rhinocyllus conicus WE

State: CO

County: Jefferson

Genus-species: Rhinocyllus conicus WE

State: CO

County: Larimer

Genus-species: Rhinocyllus conicus WE

State: CO

County: Las Animas

Genus-species: Brachymeria intermedia PA
Coccygominus disparis PA

Brachymeria lasus PA

State: CO

County: Mesa

Genus-species: Aphidius ervi PA
Dendrosoter protuberans PA
Urophora cardui WE

Coleophora klimeschiella WE
Rhinocyllus conicus WE

State: CO

County: Otero

Genus-species: Ephedrus plagiator PA

State: CO

County: Pitkin

Genus-species: Rhinocyllus conicus WE

State: CO

County: Weld

Genus-species: Rhinocyllus conicus WE

State: CT

County: New Haven

Genus-species: Rogas lymantriae PA

State: CT

County: New London

Genus-species: Brachymeria intermedia PA

Glyptapanteles flavicoxis PA

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State: DC
 County: Washington City
 Genus-species: Arrhenophagus chionaspidis PA Pteroptrix n. sp. PA

State: DE
 County: Kent
 Genus-species: Glyptapanteles indiensis PA Pediobius foveolatus PA

State: DE
 County: New Castle
 Genus-species: Anastatus disparis PA Edovum puttleri PA
 Glyptapanteles flavicoxis PA Glyptapanteles indiensis PA
 Pediobius foveolatus PA

State: DE
 County: Sussex
 Genus-species: Pediobius foveolatus PA

State: FL
 County: Alachua
 Genus-species: Larra bicolor PA

State: FL
 County: Bay
 Genus-species: Encarsia lahorensis PA

State: FL
 County: Broward
 Genus-species: Encarsia ?haitiensis PA Larra bicolor PA
 Nephaspis oculata PR

State: FL
 County: Dade
 Genus-species: Corsoncus magus PA Diachasmimorpha tryoni PA
 Euplectrus puttleri PA Glyptapanteles sp. prob. caffreyi P
 Microcharops bimaculata PA Microplitis manilae PA
 Nephaspis oculata PR Pediobius facialis PA
 Zelomorpha sp. PA

State: FL
 County: Manatee
 Genus-species: Larra bicolor PA

State: FL
 County: Palm Beach
 Genus-species: Microcharops bimaculata PA Tytthus mundulus PR

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State: GA ^{1/}

County: Appling

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Atkinson

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Bacon

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Baker

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Baldwin

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Banks

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Barrow

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Ben Hill

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Berrien

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Bibb

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Bleckley

Genus-species: *Encarsia lahorensis* PA

State: GA

County: Brantley

Genus-species: *Encarsia lahorensis* PA

^{1/} The list of Georgia counties in which *Encarsia lahorensis* was released in 1982 appears to be incomplete; contact PPQMTX for more information.

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State: GA
County: Brooks
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Bryan
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Bullock
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Burke
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Butts
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Calhoun
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Camden
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Candler
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Carroll
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Charlton
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Chatham
Genus-species: *Encarsia lahorensis* PA

State: GA
County: Chattahoochee
Genus-species: *Encarsia lahorensis* PA

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State: GA
County: Clarke
Genus-species: Encarsia lahorensis PA

State: GA
County: Clay
Genus-species: Encarsia lahorensis PA

State: GA
County: Clayton
Genus-species: Encarsia lahorensis PA

State: GA
County: Clinch
Genus-species: Encarsia lahorensis PA

State: GA
County: Cobb
Genus-species: Encarsia lahorensis PA

State: GA
County: Coffee
Genus-species: Encarsia lahorensis PA

State: GA
County: Colquitt
Genus-species: Encarsia lahorensis PA

State: GA
County: Columbia
Genus-species: Encarsia lahorensis PA

State: GA
County: Cook
Genus-species: Encarsia lahorensis PA

State: GA
County: Coweta
Genus-species: Encarsia lahorensis PA

State: GA
County: Crawford
Genus-species: Encarsia lahorensis PA

State: GA
County: Crisp
Genus-species: Encarsia lahorensis PA

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State: GA
 County: De Kalb
 Genus-species: *Encarsia lahorensis* PA *Osmia cornifrons* PO

State: GA
 County: Decatur
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Dodge
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Dooly
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Dougherty
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Douglas
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Early
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Echols
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Effingham
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Elbert
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Emanuel
 Genus-species: *Encarsia lahorensis* PA

State: GA
 County: Evans
 Genus-species: *Encarsia lahorensis* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Fayette
Genus-species: Encarsia lahorensis PA

State: GA
County: Franklin
Genus-species: Encarsia lahorensis PA

State: GA
County: Fulton
Genus-species: Encarsia lahorensis PA

State: GA
County: Glascock
Genus-species: Encarsia lahorensis PA

State: GA
County: Glynn
Genus-species: Encarsia lahorensis PA

State: GA
County: Grady
Genus-species: Encarsia lahorensis PA

State: GA
County: Greene
Genus-species: Encarsia lahorensis PA

State: GA
County: Gwinnett
Genus-species: Encarsia lahorensis PA

State: GA
County: Hancock
Genus-species: Encarsia lahorensis PA

State: GA
County: Haralson
Genus-species: Encarsia lahorensis PA

State: GA
County: Harris
Genus-species: Encarsia lahorensis PA

State: GA
County: Hart
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Heard
Genus-species: Encarsia lahorensis PA

State: GA
County: Henry
Genus-species: Encarsia lahorensis PA

State: GA
County: Houston
Genus-species: Encarsia lahorensis PA

State: GA
County: Irwin
Genus-species: Encarsia lahorensis PA

State: GA
County: Jackson
Genus-species: Encarsia lahorensis PA

State: GA
County: Jasper
Genus-species: Encarsia lahorensis PA

State: GA
County: Jeff Davis
Genus-species: Encarsia lahorensis PA

State: GA
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: GA
County: Jenkins
Genus-species: Encarsia lahorensis PA

State: GA
County: Johnson
Genus-species: Encarsia lahorensis PA

State: GA
County: Jones
Genus-species: Encarsia lahorensis PA

State: GA
County: Lamar
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Lanier
Genus-species: Encarsia lahorensis PA

State: GA
County: Laurens
Genus-species: Encarsia lahorensis PA

State: GA
County: Lee
Genus-species: Encarsia lahorensis PA

State: GA
County: Liberty
Genus-species: Encarsia lahorensis PA

State: GA
County: Lincoln
Genus-species: Encarsia lahorensis PA

State: GA
County: Long
Genus-species: Encarsia lahorensis PA

State: GA
County: Lowndes
Genus-species: Encarsia lahorensis PA

State: GA
County: Macon
Genus-species: Encarsia lahorensis PA

State: GA
County: Madison
Genus-species: Encarsia lahorensis PA

State: GA
County: Marion
Genus-species: Encarsia lahorensis PA

State: GA
County: Meriwether
Genus-species: Encarsia lahorensis PA

State: GA
County: Miller
Genus-species: Encarsia lahorensis PA

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State: GA
 County: Pierce-Brantley
 Genus-species: *Agasicles hygrophila* WE

State: GA
 County: Tift
 Genus-species: *Agasicles hygrophila* WE

State: GA
 County: Ware
 Genus-species: *Agasicles hygrophila* WE

State: GA
 County: Ware-Pierce
 Genus-species: *Agasicles hygrophila* WE

State: HI
 County: Hawaii
 Genus-species: *Amblyseius longispinosus* PR
Chrysocharis parksi PA
Cotesia plutellae PA
Euglandina rosea PR
Halticoptera patellana PA
Opius dissitus PA
Typhlodromus occidentalis PR

Campoplex n. sp. PA
Chrysocharis sp. nr. giraulti PA
Encarsia ?haitiensis PA
Euoniticellus intermedius OT
Nephaspis oculata PR
Phytoseiulus macropilis PR

State: HI
 County: Honolulu
 Genus-species: *Amblyseius longispinosus* PR
Apanteles scutellaris PA
Chrysocharis parksi PA
Chrysonotomyia punctiventris PA
Encarsia ?haitiensis PA
Eretmocerus sp. PA
Neoseiulus californicus PR
Opius dissitus PA
Pseudapanteles dignus PA
Typhlodromus occidentalis PR

Amitus ?spiniferus PA
Cales noacki PA
Chrysocharis sp. nr. giraulti PA
Cotesia plutellae PA
Encarsia sp. PA
Halticoptera patellana PA
Nephaspis oculata PR
Phytoseiulus macropilis PR
Scolothrips sexmaculatus PR

State: HI
 County: Kauai
 Genus-species: *Cotesia plutellae* PA
Gonaxis quadrilateralis PR

Encarsia sp. PA
Nephaspis oculata PR

State: HI
 County: Maui
 Genus-species: *Amblyseius longispinosus* PR
 (County continued next page)

Apanteles scutellaris PA

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Genus-species: Campoplex n. sp. PA
 Chrysocharis parksi PA
 Chrysonotomyia punctiventris PA
 Encarsia ?haitiensis PA
 Halticoptera patellana PA
 Opius dissitus PA
 Pseudapanteles dignus PA
 Typhlodromus occidentalis PR

Cerchysiella utilis PA
 Chrysocharis sp. nr. giraulti PA
 Cotesia plutellae PA
 Encarsia sp. PA
 Nephaspis oculata PR
 Phytoseiulus macropilis PR
 Sympiesis stigmatipennis PA

State: HI

County: Maui (Lanai I)

Genus-species: Cales noacki PA

Cerchysiella utilis PA

State: HI

County: Maui (Molokai I)

Genus-species: Cales noacki PA
 Chrysocharis parksi PA
 Encarsia ?haitiensis PA
 Eretmocerus sp. PA

Campoplex n. sp. PA
 Chrysocharis sp. nr. giraulti PA
 Encarsia sp. PA
 Nephaspis oculata PR

State: IA

County:

Genus-species: Bathyplectes curculionis PA

Microctonus colesi PA

State: IA

County: Adair

Genus-species: Bathyplectes anurus PA

Microctonus aethiopoulos PA

State: IA

County: Adams

Genus-species: Bathyplectes anurus PA

State: IA

County: Allamakee

Genus-species: Bathyplectes anurus PA

State: IA

County: Buchanan

Genus-species: Bathyplectes anurus PA

State: IA

County: Butler

Genus-species: Bathyplectes anurus PA

State: IA

County: Carroll

Genus-species: Bathyplectes anurus PA

Microctonus aethiopoulos PA

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State: IA
 County: Cedar
 Genus-species: *Bathyplectes anurus* PA *Urophora cardui* WE

State: IA
 County: Cerro Gordo
 Genus-species: *Bathyplectes anurus* PA

State: IA
 County: Chickasaw
 Genus-species: *Bathyplectes anurus* PA

State: IA
 County: Clarke
 Genus-species: *Bathyplectes anurus* PA *Microctonus aethiopoides* PA

State: IA
 County: Clay
 Genus-species: *Rhinocyllus conicus* WE

State: IA
 County: Crawford
 Genus-species: *Bathyplectes anurus* PA *Microctonus aethiopoides* PA

State: IA
 County: Dallas
 Genus-species: *Bathyplectes anurus* PA *Microctonus aethiopoides* PA

State: IA
 County: Delaware
 Genus-species: *Bathyplectes anurus* PA

State: IA
 County: Des Moines
 Genus-species: *Bathyplectes anurus* PA

State: IA
 County: Fayette
 Genus-species: *Bathyplectes anurus* PA

State: IA
 County: Hardin
 Genus-species: *Bathyplectes anurus* PA

State: IA
 County: Harrison
 Genus-species: *Bathyplectes anurus* PA *Microctonus aethiopoides* PA

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State: IA County: Scott Genus-species: <i>Bathyplectes anurus</i>	PA	
State: IA County: Taylor Genus-species: <i>Bathyplectes anurus</i>	PA	
State: IA County: Warren Genus-species: <i>Bathyplectes anurus</i>	PA	<i>Microctonus aethiopoides</i> PA
State: IA County: Washington Genus-species: <i>Bathyplectes anurus</i>	PA	
State: IA County: Wayne Genus-species: <i>Bathyplectes anurus</i>	PA	<i>Microctonus aethiopoides</i> PA
State: IA County: Webster Genus-species: <i>Bathyplectes anurus</i>	PA	<i>Microctonus aethiopoides</i> PA
State: IA County: Woodbury Genus-species: <i>Bathyplectes anurus</i>	PA	<i>Microctonus aethiopoides</i> PA
State: ID County: ? Genus-species: <i>Microlarinus lareynii</i>	WE	<i>Rhinocyllus conicus</i> WE
State: ID County: Kootenai Genus-species: <i>Calophasia lunula</i>	WE	<i>Zeuxidiplosis giardi</i> WE
State: ID County: Latah Genus-species: <i>Anaphes diana</i>	PA	
State: ID County: Lemhi Genus-species: <i>Rhinocyllus conicus</i>	WE	
State: ID County: Nez Perce Genus-species: <i>Anaphes diana</i>	PA	<i>Microctonus aethiopoides</i> PA

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State: ID

County: Washington

Genus-species: *Rhinocyllus conicus* WE

State: IL

County:

Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

State: IL

County: ?

Genus-species: *Rhinocyllus conicus* WE

State: IL

County: Adams

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Bond

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Boone

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Bureau

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Clark

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Coles

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Effingham

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Fayette

Genus-species: *Bathyplectes anurus* PA

State: IL

County: Hamilton

Genus-species: *Bathyplectes anurus* PA

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State: IL
County: Henderson
Genus-species: Bathyplectes anurus PA

State: IL
County: Iroquois
Genus-species: Bathyplectes anurus PA

State: IL
County: Jackson
Genus-species: Bathyplectes anurus PA

State: IL
County: Kane
Genus-species: Bathyplectes anurus PA

State: IL
County: Kendall
Genus-species: Bathyplectes anurus PA

State: IL
County: Livingston
Genus-species: Bathyplectes anurus PA

State: IL
County: Madison
Genus-species: Bathyplectes anurus PA

State: IL
County: McHenry
Genus-species: Bathyplectes anurus PA

State: IL
County: McLean
Genus-species: Bathyplectes anurus PA

State: IL
County: Mercer
Genus-species: Bathyplectes anurus PA

State: IL
County: Montgomery
Genus-species: Bathyplectes anurus PA

State: IL
County: Moultrie
Genus-species: Bathyplectes anurus PA

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State: IL
County: Ogle
Genus-species: Bathyplectes anurus PA

State: IL
County: Peoria
Genus-species: Bathyplectes anurus PA

State: IL
County: Pope
Genus-species: Bathyplectes anurus PA

State: IL
County: Rock Island
Genus-species: Bathyplectes anurus PA

State: IL
County: Schuyler
Genus-species: Bathyplectes anurus PA

State: IL
County: Shelby
Genus-species: Bathyplectes anurus PA

State: IL
County: Stephenson
Genus-species: Bathyplectes anurus PA

State: IL
County: Union
Genus-species: Bathyplectes anurus PA

State: IL
County: Vermilion
Genus-species: Bathyplectes anurus PA

State: IL
County: Warren
Genus-species: Bathyplectes anurus PA

State: IL
County: Washington
Genus-species: Bathyplectes anurus PA

State: IL
County: Wayne
Genus-species: Bathyplectes anurus PA

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State: KS

County:

Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

State: KS

County: ?

Genus-species: *Aphidius ervi* PA

State: KS

County: Atchison

Genus-species: *Bathyplectes anurus* PA

Microctonus aethiopoides PA

Oomyzus incertus PA

State: KS

County: Barton

Genus-species: *Bathyplectes anurus* PA

State: KS

County: Bourbon

Genus-species: *Bathyplectes anurus* PA

State: KS

County: Cherokee

Genus-species: *Bathyplectes anurus* PA

Microctonus aethiopoides PA

State: KS

County: Cheyenne

Genus-species: *Bathyplectes anurus* PA

State: KS

County: Clay

Genus-species: *Bathyplectes anurus* PA

State: KS

County: Cloud

Genus-species: *Bathyplectes anurus* PA

Rhinocyllus conicus WE

State: KS

County: Comanche

Genus-species: *Bathyplectes anurus* PA

Microctonus aethiopoides PA

State: KS

County: Cowley

Genus-species: *Bathyplectes anurus* PA

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State: KS
County: Crawford
Genus-species: *Bathyplectes anurus* PA

State: KS
County: Dickinson
Genus-species: *Bathyplectes anurus* PA

Microctonus aethiopoides PA

State: KS
County: Douglas
Genus-species: *Bathyplectes anurus* PA

State: KS
County: Finney
Genus-species: *Bathyplectes anurus* PA

State: KS
County: Graham
Genus-species: *Bathyplectes anurus* PA

State: KS
County: Greenwood
Genus-species: *Bathyplectes anurus* PA

Microctonus aethiopoides PA

State: KS
County: Harvey
Genus-species: *Bathyplectes anurus* PA

State: KS
County: Jackson
Genus-species: *Bathyplectes anurus* PA

State: KS
County: Jefferson
Genus-species: *Bathyplectes anurus* PA
Oomyzus incertus PA

Microctonus aethiopoides PA

State: KS
County: Jewell
Genus-species: *Bathyplectes anurus* PA

State: KS
County: Kiowa
Genus-species: *Bathyplectes anurus* PA

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State: KS
 County: Lincoln
 Genus-species: Bathyplectes anurus PA

State: KS
 County: Linn
 Genus-species: Bathyplectes anurus PA

State: KS
 County: Lyon
 Genus-species: Bathyplectes anurus PA

State: KS
 County: Marion
 Genus-species: Bathyplectes anurus PA

State: KS
 County: McPherson
 Genus-species: Bathyplectes anurus PA

State: KS
 County: Miami
 Genus-species: Bathyplectes anurus PA

State: KS
 County: Mitchell
 Genus-species: Bathyplectes anurus PA

State: KS
 County: Montgomery
 Genus-species: Bathyplectes anurus PA
 Microctonus aethiopoides PA

State: KS
 County: Nemaha
 Genus-species: Rhinocyllus conicus WE

State: KS
 County: Ness
 Genus-species: Bathyplectes anurus PA

State: KS
 County: Norton
 Genus-species: Bathyplectes anurus PA

Bathyplectes stenostigma PA
 Oomyzus incertus PA

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State: KY

County: Pulaski

Genus-species: Bathyplectes anurus PA

State: KY

County: Rockcastle

Genus-species: Bathyplectes anurus PA

State: KY

County: Warren

Genus-species: Bathyplectes anurus PA

State: KY

County: Washington

Genus-species: Bathyplectes anurus PA

State: KY

County: Wayne

Genus-species: Bathyplectes anurus PA

State: LA

County: Acadia

Genus-species: Encarsia lahorensis PA

State: LA

County: Allen

Genus-species: Encarsia lahorensis PA

State: LA

County: Ascension

Genus-species: Encarsia lahorensis PA

State: LA

County: Avoyelles

Genus-species: Encarsia lahorensis PA

State: LA

County: Beauregard

Genus-species: Encarsia lahorensis PA

State: LA

County: Bienville

Genus-species: Encarsia lahorensis PA

State: LA

County: Bossier

Genus-species: Cotesia ruficrus PA

Encarsia lahorensis PA

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State: LA

County: Caddo

Genus-species: Encarsia lahorensis PA

State: LA

County: Calcasieu

Genus-species: Encarsia lahorensis PA

State: LA

County: Caldwell

Genus-species: Encarsia lahorensis PA

State: LA

County: Cameron

Genus-species: Encarsia lahorensis PA

State: LA

County: Catahoula

Genus-species: Encarsia lahorensis PA

State: LA

County: Claiborne

Genus-species: Encarsia lahorensis PA

State: LA

County: Concordia

Genus-species: Encarsia lahorensis PA

State: LA

County: De Soto

Genus-species: Encarsia lahorensis PA

State: LA

County: East Baton Rouge

Genus-species: Cotesia ruficrus PA
Telenomus chloropus PA

Encarsia lahorensis PA

State: LA

County: East Carroll

Genus-species: Encarsia lahorensis PA

State: LA

County: East Feliciana

Genus-species: Encarsia lahorensis PA

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State: LA
County: Evangeline
Genus-species: Encarsia lahorensis PA

State: LA
County: Franklin
Genus-species: Encarsia lahorensis PA

State: LA
County: Grant
Genus-species: Encarsia lahorensis PA

State: LA
County: Iberia
Genus-species: Encarsia lahorensis PA

State: LA
County: Iberville
Genus-species: Encarsia lahorensis PA
Telenomus chloropus PA

State: LA
County: Jackson
Genus-species: Encarsia lahorensis PA

State: LA
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: LA
County: Jefferson Davis
Genus-species: Encarsia lahorensis PA

State: LA
County: La Salle
Genus-species: Encarsia lahorensis PA

State: LA
County: Lafayette
Genus-species: Encarsia lahorensis PA

State: LA
County: Livingston
Genus-species: Encarsia lahorensis PA

State: LA
County: Madison
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: LA
County: Morehouse
Genus-species: Encarsia lahorensis PA

State: LA
County: Natchitoches
Genus-species: Encarsia lahorensis PA

State: LA
County: Orleans
Genus-species: Encarsia lahorensis PA

State: LA
County: Ouachita
Genus-species: Encarsia lahorensis PA

State: LA
County: Plaquemines
Genus-species: Encarsia lahorensis PA

State: LA
County: Pointe Coupee
Genus-species: Encarsia lahorensis PA

State: LA
County: Rapides
Genus-species: Encarsia lahorensis PA

State: LA
County: Red River
Genus-species: Encarsia lahorensis PA

State: LA
County: Richland
Genus-species: Encarsia lahorensis PA

State: LA
County: Sabine
Genus-species: Encarsia lahorensis PA

State: LA
County: St Bernard
Genus-species: Encarsia lahorensis PA

State: LA
County: St Charles
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: LA
County: St Helena
Genus-species: Encarsia lahorensis PA

State: LA
County: St James
Genus-species: Encarsia lahorensis PA

State: LA
County: St John the Baptist
Genus-species: Encarsia lahorensis PA

State: LA
County: St Landry
Genus-species: Cotesia ruficrus PA

Encarsia lahorensis PA

State: LA
County: St Martin
Genus-species: Encarsia lahorensis PA

State: LA
County: St Mary
Genus-species: Encarsia lahorensis PA

State: LA
County: St Tammany
Genus-species: Encarsia lahorensis PA

State: LA
County: Tangipahoa
Genus-species: Encarsia lahorensis PA

Microplitis demolitor PA

State: LA
County: Tensas
Genus-species: Encarsia lahorensis PA

State: LA
County: Terrebonne
Genus-species: Encarsia lahorensis PA

State: LA
County: Union
Genus-species: Encarsia lahorensis PA

State: LA
County: Vermilion
Genus-species: Encarsia lahorensis PA

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State: LA

County: Vernon

Genus-species: Encarsia lahorensis PA

State: LA

County: Washington

Genus-species: Encarsia lahorensis PA

State: LA

County: Webster

Genus-species: Encarsia lahorensis PA

State: LA

County: West Baton Rouge

Genus-species: Encarsia lahorensis PA

State: LA

County: West Carroll

Genus-species: Encarsia lahorensis PA

State: LA

County: West Feliciana

Genus-species: Encarsia lahorensis PA

State: LA

County: Winn

Genus-species: Encarsia lahorensis PA

State: MA

County: Barnstable

Genus-species: Pediobius foveolatus PA

State: MA

County: Franklin

Genus-species: Holcothorax testaceipes PA

Pholetesor pedias PA

State: MA

County: Hampshire

Genus-species: Pholetesor pedias PA

State: MD

County: Anne Arundel

Genus-species: Coccipolipus epilachnae PA

Osmia cornifrons PO

State: MD

County: Baltimore

Genus-species: Altica carduorum WE

Dacnusa dryas PA

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Genus-species: <i>Pediobius foveolatus</i> PA	<i>Urophora cardui</i> WE
State: MD	
County: Caroline	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: MD	
County: Carroll	
Genus-species: <i>Dacnusa dryas</i> PA	<i>Edovum puttleri</i> PA
<i>Pediobius foveolatus</i> PA	
State: MD	
County: Cecil	
Genus-species: <i>Edovum puttleri</i> PA	<i>Rogas lymantriae</i> PA
State: MD	
County: Charles	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: MD	
County: Dorchester	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: MD	
County: Frederick	
Genus-species: <i>Amblyseius</i> sp. PR	<i>Phytoseiulus persimilis</i> PR
<i>Trichosirocalus horridus</i> WE	<i>Urophora cardui</i> WE
State: MD	
County: Harford	
Genus-species: <i>Urophora cardui</i> WE	
State: MD	
County: Howard	
Genus-species: <i>Coccipolipus epilachnae</i> PA	
State: MD	
County: Kent	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: MD	
County: Montgomery	
Genus-species: <i>Arrhenophagus chionaspidis</i> PA	<i>Pediobius foveolatus</i> PA
State: MD	
County: Prince Georges	
Genus-species: <i>Altica carduorum</i> WE	<i>Aphytis aonidiae</i> PA
<i>Arrhenophagus chionaspidis</i> PA	<i>Coccipolipus epilachnae</i> PA
(County continued next page)	

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Genus-species: Edovum puttleri PA	Hadroplontus litura WE
Harmonia axyridis PR	Hexamermis sp. PA
Hyles euphorbiae WE	Osmia cornifrons PO
Pteroptrix n. sp. PA	Trichosirocalus horridus WE
Urophora cardui WE	

State: MD
 County: Queen Annes
 Genus-species: Pediobius foveolatus PA

State: MD
 County: Somerset
 Genus-species: Pediobius foveolatus PA

State: MD
 County: St Marys
 Genus-species: Pediobius foveolatus PA

State: MD
 County: Talbot
 Genus-species: Pediobius foveolatus PA

State: MD
 County: Washington
 Genus-species: Urophora cardui WE

State: MD
 County: Wicomico
 Genus-species: Pediobius foveolatus PA

State: MI County: Genus-species: Bathyplectes curculionis PA	Microctonus colesi PA
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State: MI
 County: Alcona
 Genus-species: Bathyplectes anurus PA

State: MI
 County: Allegan
 Genus-species: Bathyplectes anurus PA

State: MI
 County: Antrim
 Genus-species: Bathyplectes anurus PA

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State: MI

County: Bay

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Calhoun

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Chippewa

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Crawford

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Delta

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Dickinson

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Emmet

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Genesee

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Gladwin

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Gogebic

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Grand Traverse

Genus-species: *Bathyplectes anurus* PA

State: MI

County: Gratiot

Genus-species: *Bathyplectes anurus* PA

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State: MI
County: Hillsdale
Genus-species: Bathyplectes anurus PA

State: MI
County: Houghton
Genus-species: Bathyplectes anurus PA

State: MI
County: Huron
Genus-species: Bathyplectes anurus PA

State: MI
County: Ingham
Genus-species: Bathyplectes anurus PA

State: MI
County: Isabella
Genus-species: Bathyplectes anurus PA

State: MI
County: Kent
Genus-species: Bathyplectes anurus PA

State: MI
County: Leelanau
Genus-species: Bathyplectes anurus PA

State: MI
County: Manistee
Genus-species: Bathyplectes anurus PA

State: MI
County: Mason
Genus-species: Bathyplectes anurus PA

State: MI
County: Missaukee
Genus-species: Bathyplectes anurus PA

State: MI
County: Monroe
Genus-species: Bathyplectes anurus PA

State: MI
County: Montmorency
Genus-species: Bathyplectes anurus PA

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State: MI

County: Newaygo

Genus-species: Bathyplectes anurus PA

State: MI

County: Oakland

Genus-species: Bathyplectes anurus PA

State: MI

County: Ogemaw

Genus-species: Bathyplectes anurus PA

State: MI

County: Osceola

Genus-species: Bathyplectes anurus PA

State: MI

County: Presque Isle

Genus-species: Bathyplectes anurus PA

State: MI

County: St Clair

Genus-species: Bathyplectes anurus PA

State: MI

County: St Joseph

Genus-species: Bathyplectes anurus PA

State: MI

County: Washtenaw

Genus-species: Bathyplectes anurus PA

State: MO

County:

Genus-species: Bathyplectes curculionis PA

Microctonus colesi PA

State: MO

County: Adair

Genus-species: Bathyplectes anurus PA

State: MO

County: Bates

Genus-species: Rhinocyllus conicus WE

State: MO

County: Boone

Genus-species: Edovum puttleri PA

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State: MO

County: Buchanan

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Camden

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Christian

Genus-species: *Bathyplectes anurus* PA

Rhinocyllus conicus WE

State: MO

County: Clay

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Clinton

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Cole

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Cooper

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Crawford

Genus-species: *Rhinocyllus conicus* WE

State: MO

County: Dade

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Dallas

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Daviess

Genus-species: *Bathyplectes anurus* PA

Rhinocyllus conicus WE

State: MO

County: Dent

Genus-species: *Bathyplectes anurus* PA

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State: MO
 County: Douglas
 Genus-species: Rhinocyllus conicus WE

State: MO
 County: Franklin
 Genus-species: Bathyplectes anurus PA

State: MO
 County: Gasconade
 Genus-species: Bathyplectes anurus PA

State: MO
 County: Gentry
 Genus-species: Bathyplectes anurus PA

State: MO
 County: Greene
 Genus-species: Bathyplectes anurus PA Oomyzus incertus PA

State: MO
 County: Grundy
 Genus-species: Bathyplectes anurus PA

State: MO
 County: Henry
 Genus-species: Bathyplectes anurus PA Rhinocyllus conicus WE

State: MO
 County: Hickory
 Genus-species: Rhinocyllus conicus WE

State: MO
 County: Iron
 Genus-species: Bathyplectes anurus PA

State: MO
 County: Jasper
 Genus-species: Bathyplectes anurus PA

State: MO
 County: Jefferson
 Genus-species: Bathyplectes anurus PA

State: MO
 County: Johnson
 Genus-species: Rhinocyllus conicus WE

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MO
 County: Ozark
 Genus-species: *Rhinocyllus conicus* WE

State: MO
 County: Pettis
 Genus-species: *Bathyplectes anurus* PA

State: MO
 County: Pike
 Genus-species: *Bathyplectes anurus* PA *Rhinocyllus conicus* WE

State: MO
 County: Platte
 Genus-species: *Bathyplectes anurus* PA *Rhinocyllus conicus* WE

State: MO
 County: Ralls
 Genus-species: *Rhinocyllus conicus* WE

State: MO
 County: Schuyler
 Genus-species: *Bathyplectes anurus* PA *Bathyplectes stenostigma* PA

State: MO
 County: Scott
 Genus-species: *Bathyplectes anurus* PA

State: MO
 County: St Charles
 Genus-species: *Bathyplectes anurus* PA *Edovum puttleri* PA

State: MO
 County: St Louis
 Genus-species: *Rhinocyllus conicus* WE

State: MO
 County: Ste Genevieve
 Genus-species: *Bathyplectes anurus* PA

State: MO
 County: Stone
 Genus-species: *Rhinocyllus conicus* WE

State: MO
 County: Taney
 Genus-species: *Rhinocyllus conicus* WE

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MO
County: Vernon
Genus-species: Bathyplectes anurus PA

State: MO
County: Washington
Genus-species: Bathyplectes anurus PA

State: MO
County: Webster
Genus-species: Rhinocyllus conicus WE

Trichosirocalus horridus WE

State: MO
County: Worth
Genus-species: Bathyplectes anurus PA

State: MS
County: Adams
Genus-species: Encarsia lahorensis PA

State: MS
County: Amite
Genus-species: Encarsia lahorensis PA

State: MS
County: Attala
Genus-species: Encarsia lahorensis PA

State: MS
County: Bolivar
Genus-species: Encarsia lahorensis PA

State: MS
County: Calhoun
Genus-species: Encarsia lahorensis PA

State: MS
County: Carroll
Genus-species: Encarsia lahorensis PA

State: MS
County: Chickasaw
Genus-species: Encarsia lahorensis PA

State: MS
County: Choctaw
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Claiborne
Genus-species: Encarsia lahorensis PA

State: MS
County: Clarke
Genus-species: Encarsia lahorensis PA

State: MS
County: Clay
Genus-species: Encarsia lahorensis PA

State: MS
County: Coahoma
Genus-species: Encarsia lahorensis PA

State: MS
County: Copiah
Genus-species: Encarsia lahorensis PA

State: MS
County: Covington
Genus-species: Encarsia lahorensis PA

State: MS
County: Forrest
Genus-species: Encarsia lahorensis PA

State: MS
County: Franklin
Genus-species: Encarsia lahorensis PA

State: MS
County: George
Genus-species: Encarsia lahorensis PA

State: MS
County: Greene
Genus-species: Encarsia lahorensis PA

State: MS
County: Grenada
Genus-species: Encarsia lahorensis PA

State: MS
County: Hancock
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Harrison
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Hinds
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Holmes
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Humphreys
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Issaquena
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Jackson
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Jasper
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Jefferson
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Jefferson Davis
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Jones
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Kemper
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Lafayette
Genus-species: *Encarsia lahorensis* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Neshoba
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Newton
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Noxubee
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Oktibbeha
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Pearl River
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Perry
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Pike
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Pontotoc
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Quitman
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Rankin
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Scott
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Sharkey
Genus-species: *Encarsia lahorensis* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
 County: Simpson
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Smith
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Stone
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Sunflower
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Tallahatchie
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Tunica
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Union
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Walthall
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Warren
 Genus-species: Encarsia lahorensis PA

State: MS
 County: Washington
 Genus-species: Encarsia lahorensis PA
 Microplitis demolitor PA
 Telenomus chloropus PA

Microcharops bimaculata PA
 Rogas sp. PA

State: MS
 County: Wayne
 Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
 County: Webster
 Genus-species: *Encarsia lahorensis* PA

State: MS
 County: Wilkinson
 Genus-species: *Encarsia lahorensis* PA

State: MS
 County: Winston
 Genus-species: *Encarsia lahorensis* PA

State: MS
 County: Yalobusha
 Genus-species: *Encarsia lahorensis* PA

State: MS
 County: Yazoo
 Genus-species: *Encarsia lahorensis* PA

State: MT
 County: ?
 Genus-species: *Urophora affinis* WE

Urophora quadrifasciata WE

State: MT
 County: Beaverhead
 Genus-species: *Rhinocyllus conicus* WE

State: MT
 County: Gallatin
 Genus-species: *Oberea erythrocephala* WE
 Zeuxidiplosis giardi WE

Trichosirocalus horridus WE

State: MT
 County: Granite
 Genus-species: *Rhinocyllus conicus* WE

State: MT
 County: Judith Basin
 Genus-species: *Coleophora klimeschiella* WE

State: MT
 County: Madison
 Genus-species: *Rhinocyllus conicus* WE

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State: MT
 County: Mineral
 Genus-species: Urophora affinis WE

State: MT
 County: Missoula
 Genus-species: Calophasia lunula WE
 Rhinocyllus conicus WE
 Metzneria paucipunctella WE

State: MT
 County: Powell
 Genus-species: Rhinocyllus conicus WE

State: MT
 County: Ravalli
 Genus-species: Calophasia lunula WE
 Urophora cardui WE
 Oberea erythrocephala WE

State: MT
 County: Teton
 Genus-species: Rhinocyllus conicus WE

State: NC
 County:
 Genus-species: Bathyplectes curculionis PA
 Microctonus colesi PA

State: NC
 County: Allegheny
 Genus-species: Bathyplectes anurus PA

State: NC
 County: Anson
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Ashe
 Genus-species: Bathyplectes anurus PA

State: NC
 County: Avery
 Genus-species: Chrysonotomyia formosa PA
 Chrysonotomyia ruforum PA

State: NC
 County: Beaufort
 Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Bertie
Genus-species: Encarsia lahorensis PA

State: NC
County: Bladen
Genus-species: Encarsia lahorensis PA

State: NC
County: Brunswick
Genus-species: Encarsia lahorensis PA

State: NC
County: Buncombe
Genus-species: Bathyplectes anurus PA

State: NC
County: Cabbarus
Genus-species: Encarsia lahorensis PA

State: NC
County: Camden
Genus-species: Encarsia lahorensis PA

State: NC
County: Carteret
Genus-species: Encarsia lahorensis PA

State: NC
County: Catawba
Genus-species: Bathyplectes anurus PA

State: NC
County: Chowan
Genus-species: Encarsia lahorensis PA

State: NC
County: Cleveland
Genus-species: Bathyplectes anurus PA

State: NC
County: Columbus
Genus-species: Encarsia lahorensis PA

State: NC
County: Craven
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Cumberland
Genus-species: Encarsia lahorensis PA

State: NC
County: Currituck
Genus-species: Encarsia lahorensis PA

State: NC
County: Dare
Genus-species: Encarsia lahorensis PA

State: NC
County: Davidson
Genus-species: Bathyplectes anurus PA

State: NC
County: Duplin
Genus-species: Encarsia lahorensis PA

State: NC
County: Edgecombe
Genus-species: Encarsia lahorensis PA

State: NC
County: Gates
Genus-species: Encarsia lahorensis PA

State: NC
County: Greene
Genus-species: Encarsia lahorensis PA

State: NC
County: Halifax
Genus-species: Encarsia lahorensis PA

State: NC
County: Harnett
Genus-species: Encarsia lahorensis PA

State: NC
County: Haywood
Genus-species: Bathyplectes anurus PA

State: NC
County: Henderson
Genus-species: Bathyplectes anurus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Hertford
Genus-species: Encarsia lahorensis PA

State: NC
County: Hoke
Genus-species: Encarsia lahorensis PA

State: NC
County: Hyde
Genus-species: Encarsia lahorensis PA

State: NC
County: Johnston
Genus-species: Encarsia lahorensis PA

State: NC
County: Jones
Genus-species: Encarsia lahorensis PA

State: NC
County: Lee
Genus-species: Encarsia lahorensis PA

State: NC
County: Lenoir
Genus-species: Encarsia lahorensis PA

State: NC
County: Lincoln
Genus-species: Bathyplectes anurus PA

State: NC
County: Martin
Genus-species: Encarsia lahorensis PA

State: NC
County: Mecklenburg
Genus-species: Encarsia lahorensis PA

State: NC
County: Montgomery
Genus-species: Encarsia lahorensis PA

State: NC
County: Moore
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Nash
Genus-species: Encarsia lahorensis PA

State: NC
County: New Hanover
Genus-species: Agasicles hygrophila WE
Encarsia lahorensis PA

State: NC
County: Northampton
Genus-species: Encarsia lahorensis PA

State: NC
County: Onslow
Genus-species: Encarsia lahorensis PA

State: NC
County: Orange
Genus-species: Bathyplectes anurus PA

State: NC
County: Pamlico
Genus-species: Encarsia lahorensis PA

State: NC
County: Pasquotank
Genus-species: Encarsia lahorensis PA

State: NC
County: Pender
Genus-species: Encarsia lahorensis PA

State: NC
County: Perquimans
Genus-species: Encarsia lahorensis PA

State: NC
County: Person
Genus-species: Diaparsis temporalis PA

State: NC
County: Pitt
Genus-species: Encarsia lahorensis PA

State: NC
County: Richmond
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
 County: Robeson
 Genus-species: Bathyplectes anurus PA Encarsia lahorensis PA

State: NC
 County: Sampson
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Scotland
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Stanly
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Tyrrell
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Union
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Wake
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Washington
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Wayne
 Genus-species: Encarsia lahorensis PA

State: NC
 County: Wilson
 Genus-species: Encarsia lahorensis PA

State: ND
 County:
 Genus-species: Bathyplectes curculionis PA Microctonus colesi PA

State: ND
 County: Burleigh
 Genus-species: Bathyplectes anurus PA Oomyzus incertus PA

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State: ND
 County: McKenzie
 Genus-species: Bathyplectes anurus PA Microctonus aethiopoides PA
 Oomyzus incertus PA

State: NE
 County:
 Genus-species: Bathyplectes curculionis PA Microctonus colesi PA

State: NE
 County: Antelope
 Genus-species: Rhinocyllus conicus WE

State: NE
 County: Blaine
 Genus-species: Bathyplectes anurus PA

State: NE
 County: Boone
 Genus-species: Rhinocyllus conicus WE

State: NE
 County: Buffalo
 Genus-species: Bathyplectes anurus PA Rhinocyllus conicus WE

State: NE
 County: Cherry
 Genus-species: Bathyplectes anurus PA

State: NE
 County: Clay
 Genus-species: Rhinocyllus conicus WE

State: NE
 County: Cuming
 Genus-species: Rhinocyllus conicus WE

State: NE
 County: Custer
 Genus-species: Bathyplectes anurus PA Rhinocyllus conicus WE

State: NE
 County: Dawson
 Genus-species: Bathyplectes anurus PA Rhinocyllus conicus WE

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State: NE
 County: Deuel
 Genus-species: Bathyplectes anurus PA Oomyzus incertus PA

State: NE
 County: Dixon
 Genus-species: Rhinocyllus conicus WE

State: NE
 County: Douglas
 Genus-species: Rhinocyllus conicus WE

State: NE
 County: Dundy
 Genus-species: Bathyplectes anurus PA Oomyzus incertus PA

State: NE
 County: Franklin
 Genus-species: Bathyplectes anurus PA

State: NE
 County: Furnas
 Genus-species: Bathyplectes anurus PA Oomyzus incertus PA
 Rhinocyllus conicus WE

State: NE
 County: Gage
 Genus-species: Bathyplectes anurus PA Microctonus aethiopoides PA

State: NE
 County: Greeley
 Genus-species: Rhinocyllus conicus WE

State: NE
 County: Hall
 Genus-species: Bathyplectes anurus PA

State: NE
 County: Hamilton
 Genus-species: Bathyplectes anurus PA

State: NE
 County: Harlan
 Genus-species: Bathyplectes anurus PA

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State: NE

County: Platte

Genus-species: *Bathyplectes anurus* PA

State: NE

County: Saunders

Genus-species: *Bathyplectes anurus* PA

State: NE

County: Scotts Bluff

Genus-species: *Bathyplectes anurus* PA

State: NE

County: Seward

Genus-species: *Bathyplectes anurus* PA

State: NE

County: Sheridan

Genus-species: *Bathyplectes anurus* PA

State: NE

County: Sherman

Genus-species: *Rhinocyllus conicus* WE

State: NE

County: Thayer

Genus-species: *Bathyplectes anurus* PA

State: NE

County: Webster

Genus-species: *Rhinocyllus conicus* WE

State: NE

County: Wheeler

Genus-species: *Rhinocyllus conicus* WE

State: NH

County: Hillsboro

Genus-species: *Glyptapanteles flavicoxis* PA

Glyptapanteles indiensis PA

State: NJ

County: Atlantic

Genus-species: *Pediobius foveolatus* PA

State: NJ

County: Burlington

Genus-species: *Glyptapanteles flavicoxis* PA

Grypocentrus albipes PA

(County continued next page)

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Genus-species: <i>Lathrolestes nigricollis</i> PA	<i>Pediobius foveolatus</i> PA
<i>Rhinocyllus conicus</i> WE	
State: NJ	
County: Camden	
Genus-species: <i>Brachymeria intermedia</i> PA	<i>Glyptapanteles flavicoxis</i> PA
State: NJ	
County: Cape May	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: NJ	
County: Cumberland	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: NJ	
County: Gloucester	
Genus-species: <i>Pediobius foveolatus</i> PA	<i>Rhinocyllus conicus</i> WE
State: NJ	
County: Hunterdon	
Genus-species: <i>Brachymeria intermedia</i> PA	<i>Glyptapanteles flavicoxis</i> PA
<i>Rhinocyllus conicus</i> WE	
State: NJ	
County: Mercer	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: NJ	
County: Middlesex	
Genus-species: <i>Edovum puttleri</i> PA	<i>Pediobius foveolatus</i> PA
State: NJ	
County: Monmouth	
Genus-species: <i>Edovum puttleri</i> PA	<i>Pediobius foveolatus</i> PA
State: NJ	
County: Morris	
Genus-species: <i>Edovum puttleri</i> PA	<i>Hyposoter lymantriae</i> PA
State: NJ	
County: Ocean	
Genus-species: <i>Pediobius foveolatus</i> PA	
State: NJ	
County: Salem	
Genus-species: <i>Oplonus severus</i> PR	<i>Pediobius foveolatus</i> PA
<i>Rhinocyllus conicus</i> WE	

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State: NJ

County: Somerset

Genus-species: *Pediobius foveolatus* PA

State: NJ

County: Sussex

Genus-species: *Glyptapanteles flavicoxis* PA

Rhinocyllus conicus WE

State: NJ

County: Warren

Genus-species: *Brachymeria intermedia* PA

Peristenus digoneutis PA

Peristenus stygicus PA

Glyptapanteles flavicoxis PA

Peristenus rubricollis PA

Rhinocyllus conicus WE

State: NV

County: Clark

Genus-species: *Chalicodoma mucorea* PO

State: NV

County: Elko

Genus-species: *Rhinocyllus conicus* WE

Urophora cardui WE

State: NV

County: Lander

Genus-species: *Rhinocyllus conicus* WE

State: NV

County: Lander?

Genus-species: *Rhinocyllus conicus* WE

State: NY

County: Essex

Genus-species: *Hyles euphorbiae* WE

State: NY

County: Orange

Genus-species: *Hyles euphorbiae* WE

State: NY

County: St Lawrence

Genus-species: *Hyles euphorbiae* WE

State: OH

County:

Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

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State: OH
 County: Crawford
 Genus-species: *Bathyplectes anurus* PA

State: OH
 County: Franklin
 Genus-species: *Bathyplectes anurus* PA

State: OH
 County: Pickaway
 Genus-species: *Pediobius foveolatus* PA

State: OH
 County: Pike
 Genus-species: *Pediobius foveolatus* PA

State: OH
 County: Ross
 Genus-species: *Pediobius foveolatus* PA

State: OH
 County: Wayne
 Genus-species: *Chrysocharis liriomyzae* PA *Dacnusa dryas* PA

State: OK
 County:
 Genus-species: *Bathyplectes curculionis* PA *Microctonus colesi* PA

State: OK
 County: Alfalfa
 Genus-species: *Bathyplectes anurus* PA

State: OK
 County: Beckham
 Genus-species: *Bathyplectes anurus* PA *Microctonus aethiopoides* PA
Oomyzus incertus PA

State: OK
 County: Bryan
 Genus-species: *Bathyplectes anurus* PA

State: OK
 County: Creek
 Genus-species: *Bathyplectes anurus* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: OK
County: Custer
Genus-species: Bathyplectes anurus PA

State: OK
County: Ellis
Genus-species: Bathyplectes anurus PA

State: OK
County: Garvin
Genus-species: Bathyplectes anurus PA

State: OK
County: Grant
Genus-species: Bathyplectes anurus PA

State: OK
County: Greer
Genus-species: Bathyplectes anurus PA

State: OK
County: Harper
Genus-species: Bathyplectes anurus PA

State: OK
County: Kiowa
Genus-species: Bathyplectes anurus PA

State: OK
County: Logan
Genus-species: Bathyplectes anurus PA

State: OK
County: Love
Genus-species: Bathyplectes anurus PA

State: OK
County: Murray
Genus-species: Bathyplectes anurus PA

State: OK
County: Muskogee
Genus-species: Bathyplectes anurus PA

State: OK
County: Nowata
Genus-species: Bathyplectes anurus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: OK

County: Ottawa

Genus-species: *Bathyplectes anurus* PA

State: OK

County: Pawnee

Genus-species: *Bathyplectes anurus* PA

State: OK

County: Payne

Genus-species: *Ephedrus plagiator* PA

State: OK

County: Roger Mills

Genus-species: *Bathyplectes anurus* PA

State: OK

County: Texas

Genus-species: *Bathyplectes anurus* PA

State: OK

County: Woods

Genus-species: *Bathyplectes anurus* PA

State: OK

County: Woodward

Genus-species: *Bathyplectes anurus* PA
Oomyzus incertus PA

Microctonus aethiopoides PA

State: OR

County: Benton

Genus-species: *Urophora cardui* WE

State: OR

County: Clackamas

Genus-species: *Agrypon flaveolatum* PA

Cyzenis albicans PA

State: OR

County: Douglas

Genus-species: *Rhinocyllus conicus* WE

State: OR

County: Jackson

Genus-species: *Microlarinus laeeynii* WE

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: OR
County: Klamath
Genus-species: Oberea erythrocephala WE

State: OR
County: Linn
Genus-species: Rhinocyllus conicus WE

State: OR
County: Marion
Genus-species: Agrypon flaveolatum PA
Zeuxidiplosis giardi WE
Cyzenis albicans PA

State: OR
County: Multnomah
Genus-species: Agrypon flaveolatum PA

State: OR
County: Polk
Genus-species: Urophora cardui WE

State: OR
County: Washington
Genus-species: Agrypon flaveolatum PA
Cyzenis albicans PA

State: PA
County: ?
Genus-species: Pediobius foveolatus PA

State: PA
County: Bucks
Genus-species: Glyptapanteles flavicoxis PA
Pediobius foveolatus PA

State: PA
County: Chester
Genus-species: Edovum puttleri PA

State: PA
County: Cumberland
Genus-species: Trichosirocalus horridus WE

State: PA
County: Dauphin
Genus-species: Olesicampe benefactor PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: PA
County: Delaware
Genus-species: *Cotesia melanoscelus* PA

State: PA
County: Franklin
Genus-species: *Trichosirocalus horridus* WE

State: PA
County: McKean
Genus-species: *Olesicampe benefactor* PA

State: PA
County: Mifflin
Genus-species: *Olesicampe benefactor* PA

State: PA
County: Monroe
Genus-species: *Grypocentrus albipes* PA

State: PA
County: Perry
Genus-species: *Glyptapanteles flavicoxis* PA

State: PA
County: Philadelphia
Genus-species: *Amblyseius* sp. PR

Phytoseiulus persimilis PR

State: PA
County: Schuylkill
Genus-species: *Glyptapanteles flavicoxis* PA

State: SC
County:
Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

State: SC
County: ?
Genus-species: *Agasicles hygrophila* WE

State: SC
County: Abbeville
Genus-species: *Encarsia lahorensis* PA

State: SC
County: Aiken
Genus-species: *Encarsia lahorensis* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: SC
County: Allendale
Genus-species: Encarsia lahorensis PA

State: SC
County: Bamberg
Genus-species: Encarsia lahorensis PA

State: SC
County: Barnwell
Genus-species: Agasicles hygrophila WE

Encarsia lahorensis PA

State: SC
County: Beaufort
Genus-species: Encarsia lahorensis PA

State: SC
County: Berkeley
Genus-species: Encarsia lahorensis PA

State: SC
County: Calhoun
Genus-species: Encarsia lahorensis PA

State: SC
County: Charleston
Genus-species: Encarsia lahorensis PA

State: SC
County: Cherokee
Genus-species: Bathyplectes anurus PA

State: SC
County: Chester
Genus-species: Encarsia lahorensis PA

State: SC
County: Chesterfield
Genus-species: Encarsia lahorensis PA

State: SC
County: Clarendon
Genus-species: Encarsia lahorensis PA

State: SC
County: Colleton
Genus-species: Encarsia lahorensis PA

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State: SC

County: Kershaw

Genus-species: Encarsia lahorensis PA

State: SC

County: Lancaster

Genus-species: Encarsia lahorensis PA

State: SC

County: Laurens

Genus-species: Encarsia lahorensis PA

State: SC

County: Lee

Genus-species: Encarsia lahorensis PA

State: SC

County: Lexington

Genus-species: Encarsia lahorensis PA

State: SC

County: Marion

Genus-species: Encarsia lahorensis PA

State: SC

County: Marlboro

Genus-species: Encarsia lahorensis PA

State: SC

County: McCormick

Genus-species: Encarsia lahorensis PA

State: SC

County: Newberry

Genus-species: Bathyplectes anurus PA

Microctonus aethiopoides PA

Encarsia lahorensis PA

State: SC

County: Orangeburg

Genus-species: Bathyplectes anurus PA

Microctonus aethiopoides PA

Encarsia lahorensis PA

State: SC

County: Richland

Genus-species: Encarsia lahorensis PA

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State: SC
 County: Saluda
 Genus-species: Bathyplectes anurus PA Encarsia lahorensis PA

State: SC
 County: Sumter
 Genus-species: Encarsia lahorensis PA

State: SC
 County: Union
 Genus-species: Encarsia lahorensis PA

State: SC
 County: Williamsburg
 Genus-species: Encarsia lahorensis PA

State: SC
 County: York
 Genus-species: Encarsia lahorensis PA

State: SD
 County:
 Genus-species: Bathyplectes curculionis PA Microctonus colesi PA

State: SD
 County: Bennett
 Genus-species: Bathyplectes anurus PA Microctonus aethiopoides PA
 Oomyzus incertus PA

State: SD
 County: Butte
 Genus-species: Bathyplectes anurus PA

State: SD
 County: Charles Mix
 Genus-species: Rhinocyllus conicus WE

State: SD
 County: Fall River
 Genus-species: Bathyplectes anurus PA Microctonus aethiopoides PA
 Oomyzus incertus PA

State: SD
 County: Haakon
 Genus-species: Bathyplectes anurus PA Oomyzus incertus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: SD

County: Hughes

Genus-species: *Rhinocyllus conicus* WE

State: SD

County: Lawrence

Genus-species: *Rhinocyllus conicus* WE

State: SD

County: Lyman

Genus-species: *Bathyplectes anurus* PA

Oomyzus incertus PA

State: SD

County: Meade

Genus-species: *Bathyplectes anurus* PA

State: SD

County: Pennington

Genus-species: *Bathyplectes anurus* PA

Oomyzus incertus PA

State: TN

County:

Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

State: TN

County: Bedford

Genus-species: *Bathyplectes anurus* PA

State: TN

County: Bradley

Genus-species: *Bathyplectes anurus* PA

State: TN

County: Carroll

Genus-species: *Bathyplectes anurus* PA

State: TN

County: Clay

Genus-species: *Bathyplectes anurus* PA

State: TN

County: Coffee

Genus-species: *Bathyplectes anurus* PA

State: TN

County: Cumberland

Genus-species: *Bathyplectes anurus* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TN

County: Davidson

Genus-species: Bathyplectes anurus PA

State: TN

County: Dickson

Genus-species: Bathyplectes anurus PA

State: TN

County: Dyer

Genus-species: Bathyplectes anurus PA

State: TN

County: Fayette

Genus-species: Bathyplectes anurus PA

State: TN

County: Fentress

Genus-species: Bathyplectes anurus PA

State: TN

County: Franklin

Genus-species: Bathyplectes anurus PA

State: TN

County: Giles

Genus-species: Bathyplectes anurus PA

Oomyzus incertus PA

State: TN

County: Henry

Genus-species: Bathyplectes anurus PA

State: TN

County: Lake

Genus-species: Bathyplectes anurus PA

State: TN

County: Lauderdale

Genus-species: Bathyplectes anurus PA

State: TN

County: Lawrence

Genus-species: Bathyplectes anurus PA

State: TN

County: Lincoln

Genus-species: Bathyplectes anurus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TN
County: Loudon
Genus-species: Bathyplectes anurus PA

State: TN
County: Macon
Genus-species: Bathyplectes anurus PA

State: TN
County: Marshall
Genus-species: Bathyplectes anurus PA

State: TN
County: Maury
Genus-species: Bathyplectes anurus PA

State: TN
County: McMinn
Genus-species: Bathyplectes anurus PA

State: TN
County: Montgomery
Genus-species: Bathyplectes anurus PA

State: TN
County: Obion
Genus-species: Bathyplectes anurus PA

State: TN
County: Overton
Genus-species: Bathyplectes anurus PA

State: TN
County: Putnam
Genus-species: Bathyplectes anurus PA

State: TN
County: Robertson
Genus-species: Bathyplectes anurus PA

State: TN
County: Rutherford
Genus-species: Bathyplectes anurus PA

State: TN
County: Smith
Genus-species: Bathyplectes anurus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TN
County: Sumner
Genus-species: *Bathyplectes anurus* PA

State: TN
County: Tipton
Genus-species: *Bathyplectes anurus* PA

State: TN
County: Warren
Genus-species: *Bathyplectes anurus* PA

State: TN
County: White
Genus-species: *Bathyplectes anurus* PA

State: TN
County: Williamson
Genus-species: *Bathyplectes anurus* PA

State: TN
County: Wilson
Genus-species: *Bathyplectes anurus* PA

State: TX
County: LRGV (See Section IA, Note 104)
Genus-species: *Allorhogas pyralophagus* PA

State: TX
County: Anderson
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Angelina
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Aransas
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Atascosa
Genus-species: *Encarsia lahorensis* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Camp
Genus-species: Encarsia lahorensis PA

State: TX
County: Cass
Genus-species: Encarsia lahorensis PA

State: TX
County: Chambers
Genus-species: Encarsia lahorensis PA

State: TX
County: Cherokee
Genus-species: Encarsia lahorensis PA

State: TX
County: Colorado
Genus-species: Encarsia lahorensis PA

State: TX
County: Comal
Genus-species: Encarsia lahorensis PA

State: TX
County: Dallas
Genus-species: Encarsia lahorensis PA

Peristenus stygicus PA

State: TX
County: De Witt
Genus-species: Encarsia lahorensis PA

State: TX
County: Delta
Genus-species: Encarsia lahorensis PA

Peristenus stygicus PA

State: TX
County: Ellis
Genus-species: Encarsia lahorensis PA

State: TX
County: Falls
Genus-species: Encarsia lahorensis PA

State: TX
County: Fannin
Genus-species: Peristenus stygicus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Fayette
Genus-species: Encarsia lahorensis PA

State: TX
County: Fort Bend
Genus-species: Encarsia lahorensis PA

State: TX
County: Franklin
Genus-species: Encarsia lahorensis PA

State: TX
County: Freestone
Genus-species: Encarsia lahorensis PA

State: TX
County: Galveston
Genus-species: Encarsia lahorensis PA

State: TX
County: Goliad
Genus-species: Encarsia lahorensis PA

State: TX
County: Gonzalez
Genus-species: Encarsia lahorensis PA

State: TX
County: Gregg
Genus-species: Encarsia lahorensis PA

State: TX
County: Grimes
Genus-species: Encarsia lahorensis PA

State: TX
County: Guadalupe
Genus-species: Encarsia lahorensis PA

State: TX
County: Hardin
Genus-species: Encarsia lahorensis PA

State: TX
County: Harris
Genus-species: Encarsia lahorensis PA

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State: TX

County: Harrison

Genus-species: Encarsia lahorensis PA

State: TX

County: Hays

Genus-species: Encarsia lahorensis PA

State: TX

County: Henderson

Genus-species: Encarsia lahorensis PA

State: TX

County: Hidalgo

Genus-species: Cotesia flavipes PA

Encarsia lahorensis PA

State: TX

County: Hill

Genus-species: Encarsia lahorensis PA

State: TX

County: Hopkins

Genus-species: Encarsia lahorensis PA

State: TX

County: Houston

Genus-species: Encarsia lahorensis PA

State: TX

County: Hunt

Genus-species: Encarsia lahorensis PA

State: TX

County: Jackson

Genus-species: Encarsia lahorensis PA

State: TX

County: Jasper

Genus-species: Encarsia lahorensis PA

State: TX

County: Jefferson

Genus-species: Encarsia lahorensis PA

State: TX

County: Jim Wells

Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Karnes
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Kaufman
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Kleberg
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Lamar
Genus-species: *Encarsia lahorensis* PA
Peristenus stygicus PA

State: TX
County: Lavaca
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Lee
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Leon
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Liberty
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Limestone
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Live Oak
Genus-species: *Encarsia lahorensis* PA

State: TX
County: Madison
Genus-species: *Encarsia lahorensis* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Marion
Genus-species: Encarsia lahorensis PA

State: TX
County: Matagorda
Genus-species: Encarsia lahorensis PA

State: TX
County: McLennan
Genus-species: Encarsia lahorensis PA

State: TX
County: Milam
Genus-species: Encarsia lahorensis PA

State: TX
County: Montgomery
Genus-species: Encarsia lahorensis PA

State: TX
County: Morris
Genus-species: Encarsia lahorensis PA

State: TX
County: Nacogdoches
Genus-species: Encarsia lahorensis PA

State: TX
County: Navarro
Genus-species: Encarsia lahorensis PA

State: TX
County: Newton
Genus-species: Encarsia lahorensis PA

State: TX
County: Nueces
Genus-species: Encarsia lahorensis PA

State: TX
County: Orange
Genus-species: Encarsia lahorensis PA

State: TX
County: Panola
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Polk
Genus-species: Encarsia lahorensis PA

State: TX
County: Rains
Genus-species: Encarsia lahorensis PA

State: TX
County: Red River
Genus-species: Encarsia lahorensis PA

State: TX
County: Refugio
Genus-species: Encarsia lahorensis PA

State: TX
County: Rockwall
Genus-species: Encarsia lahorensis PA

State: TX
County: Rusk
Genus-species: Encarsia lahorensis PA

State: TX
County: Sabine
Genus-species: Encarsia lahorensis PA

State: TX
County: San Augustine
Genus-species: Encarsia lahorensis PA

State: TX
County: San Jacinto
Genus-species: Encarsia lahorensis PA

State: TX
County: San Patricio
Genus-species: Encarsia lahorensis PA

State: TX
County: Shelby
Genus-species: Encarsia lahorensis PA

State: TX
County: Smith
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Starr
Genus-species: Cotesia flavipes PA

State: TX
County: Titus
Genus-species: Encarsia lahorensis PA

State: TX
County: Travis
Genus-species: Encarsia lahorensis PA

State: TX
County: Trinity
Genus-species: Encarsia lahorensis PA

State: TX
County: Tyler
Genus-species: Encarsia lahorensis PA

State: TX
County: Upshur
Genus-species: Encarsia lahorensis PA

State: TX
County: Van Zandt
Genus-species: Encarsia lahorensis PA

State: TX
County: Victoria
Genus-species: Encarsia lahorensis PA

State: TX
County: Walker
Genus-species: Encarsia lahorensis PA

State: TX
County: Waller
Genus-species: Encarsia lahorensis PA

State: TX
County: Washington
Genus-species: Encarsia lahorensis PA

State: TX
County: Wharton
Genus-species: Encarsia lahorensis PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX

County: Willacy

Genus-species: Cotesia flavipes PA

Encarsia lahorensis PA

State: TX

County: Williamson

Genus-species: Encarsia lahorensis PA

State: TX

County: Wilson

Genus-species: Encarsia lahorensis PA

State: TX

County: Wood

Genus-species: Encarsia lahorensis PA

State: UT

County: Cache

Genus-species: Osmia cornuta PO

Rhinocyllus conicus WE

State: UT

County: Daggett

Genus-species: Rhinocyllus conicus WE

State: UT

County: Morgan

Genus-species: Palloptera modesta PR

State: UT

County: Rich

Genus-species: Rhinocyllus conicus WE

State: UT

County: Salt Lake

Genus-species: Rhinocyllus conicus WE

State: UT

County: Wayne

Genus-species: Rhinocyllus conicus WE

State: UT

County: Weber

Genus-species: Rhinocyllus conicus WE

State: VA

County: Accomack

Genus-species: Compsilura concinnata PA

Edovum puttleri PA

(County continued next page)

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Meteorus pulchricornis	PA	
State: VA		
County: Albemarle		
Genus-species: Rhinocyllus conicus	WE	Trichosirocalus horridus WE
State: VA		
County: Alexandria		
Genus-species: Compsilura concinnata	PA	Meteorus pulchricornis PA
State: VA		
County: Arlington		
Genus-species: Compsilura concinnata	PA	Meteorus pulchricornis PA
State: VA		
County: Augusta		
Genus-species: Rhinocyllus conicus	WE	Trichosirocalus horridus WE
State: VA		
County: Botetourt		
Genus-species: Chrysocharis liriomyzae	PA	Dacnusa dryas PA
State: VA		
County: Charlottesville		
Genus-species: Rhinocyllus conicus	WE	
State: VA		
County: Chesapeake		
Genus-species: Compsilura concinnata	PA	Meteorus pulchricornis PA
State: VA		
County: Chesterfield		
Genus-species: Compsilura concinnata	PA	Meteorus pulchricornis PA
State: VA		
County: Clarke		
Genus-species: Compsilura concinnata	PA	Meteorus pulchricornis PA
State: VA		
County: Culpeper		
Genus-species: Rhinocyllus conicus	WE	Trichosirocalus horridus WE
State: VA		
County: Fairfax		
Genus-species: Brachymeria intermedia	PA	Compsilura concinnata PA
Meteorus pulchricornis	PA	

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: VA
 County: Fauquier
 Genus-species: *Compsilura concinnata* PA *Trichosirocalus horridus* WE

State: VA
 County: Frederick
 Genus-species: *Trichosirocalus horridus* WE

State: VA
 County: Greene
 Genus-species: *Rhinocyllus conicus* WE *Trichosirocalus horridus* WE

State: VA
 County: Hampton
 Genus-species: *Compsilura concinnata* PA

State: VA
 County: Hanover
 Genus-species: *Compsilura concinnata* PA *Meteorus pulchricornis* PA

State: VA
 County: Highland
 Genus-species: *Rhinocyllus conicus* WE

State: VA
 County: Lancaster
 Genus-species: *Pediobius foveolatus* PA

State: VA
 County: Loudoun
 Genus-species: *Compsilura concinnata* PA *Meteorus pulchricornis* PA
Trichosirocalus horridus WE

State: VA
 County: Louisa
 Genus-species: *Rhinocyllus conicus* WE *Trichosirocalus horridus* WE

State: VA
 County: Lunenburg
 Genus-species: *Compsilura concinnata* PA *Meteorus pulchricornis* PA

State: VA
 County: Madison
 Genus-species: *Rhinocyllus conicus* WE *Trichosirocalus horridus* WE

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: VA County: Nelson Genus-species: <i>Osmia lignaria propinqua</i>	PO
State: VA County: Norfolk Genus-species: <i>Compsilura concinnata</i>	PA Meteorus pulchricornis PA
State: VA County: Northumberland Genus-species: <i>Pediobius foveolatus</i>	PA
State: VA County: Orange Genus-species: <i>Rhinocyllus conicus</i>	WE Trichosirocalus horridus WE
State: VA County: Prince William Genus-species: <i>Compsilura concinnata</i>	PA Meteorus pulchricornis PA
State: VA County: Richmond Genus-species: <i>Pediobius foveolatus</i>	PA
State: VA County: Rockbridge Genus-species: <i>Rhinocyllus conicus</i>	WE Trichosirocalus horridus WE
State: VA County: Shenandoah Genus-species: <i>Rhinocyllus conicus</i>	WE Trichosirocalus horridus WE
State: VA County: Virginia Beach Genus-species: <i>Compsilura concinnata</i>	PA Meteorus pulchricornis PA
State: VA County: Westmoreland Genus-species: <i>Pediobius foveolatus</i>	PA
State: VT County: Addison Genus-species: <i>Rogas lymantriae</i>	PA
State: VT County: Washington Genus-species: <i>Osmia cornifrons</i>	PO

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WA

County: Spokane

Genus-species: *Aceria chondrillae* WE

Calophasia lunula WE

State: WA

County: Stevens

Genus-species: *Aceria chondrillae* WE

State: WA

County: Walla Walla

Genus-species: *Rhinocyllus conicus* WE

State: WA

County: Whitman

Genus-species: *Aceria chondrillae* WE
Microthrips lareynii WE
Zeuxidiplosis giardi WE

Chrysolina quadrigemina WE
Urophora cardui WE

State: WA

County: Yakima

Genus-species: *Calophasia lunula* WE
Harmonia axyridis PR
Menochilus quadriplagiatus PR
Propylea quatuordecimpunctata PR

Calvia quatuordecimguttata PR
Harmonia conformis PR
Oenopia conglobata PR
Urophora quadrifasciata WE

State: WI

County:

Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

State: WI

County: Adams

Genus-species: *Bathyplectes anurus* PA

State: WI

County: Barron

Genus-species: *Bathyplectes anurus* PA

State: WI

County: Brown

Genus-species: *Bathyplectes anurus* PA

State: WI

County: Buffalo

Genus-species: *Bathyplectes anurus* PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WI
 County: Chippewa
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Clark
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Columbia
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Crawford
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Dane
 Genus-species: Bathyplectes anurus PA
 Brachymeria lasus PA

Brachymeria intermedia PA
 Lophyroplectus oblongopunctatus PA

State: WI
 County: Dodge
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Door
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Dunn
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Florence
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Fond du Lac
 Genus-species: Bathyplectes anurus PA

State: WI
 County: Grant
 Genus-species: Bathyplectes anurus PA

Lophyroplectus oblongopunctatus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WI

County: Green

Genus-species: Bathyplectes anurus PA

State: WI

County: Iowa

Genus-species: Bathyplectes anurus PA

Oomyzus incertus PA

State: WI

County: Jefferson

Genus-species: Bathyplectes anurus PA

State: WI

County: Manitowoc

Genus-species: Bathyplectes anurus PA

State: WI

County: Marathon

Genus-species: Bathyplectes anurus PA

State: WI

County: Monroe

Genus-species: Bathyplectes anurus PA

State: WI

County: Outagamie

Genus-species: Bathyplectes anurus PA

State: WI

County: Pierce

Genus-species: Bathyplectes anurus PA

State: WI

County: Polk

Genus-species: Bathyplectes anurus PA

State: WI

County: Portage

Genus-species: Bathyplectes anurus PA

State: WI

County: Rock

Genus-species: Bathyplectes anurus PA

State: WI

County: Sauk

Genus-species: Bathyplectes anurus PA

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WI
 County: Shawano
 Genus-species: *Bathyplectes anurus* PA

State: WI
 County: Sheboygan
 Genus-species: *Bathyplectes anurus* PA

State: WI
 County: St Croix
 Genus-species: *Bathyplectes anurus* PA

State: WI
 County: Trempealeau
 Genus-species: *Bathyplectes anurus* PA

State: WI
 County: Washington
 Genus-species: *Bathyplectes anurus* PA

State: WI
 County: Waukesha
 Genus-species: *Bathyplectes anurus* PA *Lophyoproctus oblongopunctatus* PA

State: WI
 County: Waushara
 Genus-species: *Bathyplectes anurus* PA

State: WV
 County:
 Genus-species: *Bathyplectes curculionis* PA *Microctonus colesi* PA

State: WV
 County: Greenbrier
 Genus-species: *Chrysocharis liriomyzae* PA *Dacnusa dryas* PA

State: WV
 County: Jefferson
 Genus-species: *Edovum puttleri* PA *Glyptapanteles flavicoxis* PA
 Pediobius foveolatus PA

State: WV
 County: Morgan
 Genus-species: *Glyptapanteles flavicoxis* PA

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State: WV
 County: Roane
 Genus-species: Bathyplectes anurus PA

State: WV
 County: Upshur
 Genus-species: Bathyplectes anurus PA

State: WY
 County: Campbell
 Genus-species: Urophora cardui WE

State: WY
 County: Converse
 Genus-species: Rhinocyllus conicus WE

State: WY
 County: Crook
 Genus-species: Rhinocyllus conicus WE Urophora cardui WE

State: WY
 County: Fremont
 Genus-species: Rhinocyllus conicus WE Urophora cardui WE

State: WY
 County: Goshen
 Genus-species: Rhinocyllus conicus WE

State: WY
 County: Laramie
 Genus-species: Calophasia lunula WE

State: WY
 County: Lincoln
 Genus-species: Oberea erythrocephala WE Rhinocyllus conicus WE

State: WY
 County: Natrona
 Genus-species: Trichosirocalus horridus WE

State: WY
 County: Park
 Genus-species: Rhinocyllus conicus WE

State: WY
 County: Sublette
 Genus-species: Coleophora klimeschiella WE Rhinocyllus conicus WE

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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WY

County: Uinta

Genus-species: *Rhinocyllus conicus* WE

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SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

<u>Species Shipped -</u> <u>Genus, Species, Subspecies</u> <u>Author, Order, Family</u>	<u>Host/Prey at Collection Site</u> <u>Genus, Species, Subspecies</u> <u>Author, Common Name</u>	<u>Origin</u>	<u>Shipped to Country</u> <u>Shipper File Number</u>	<u>Shipped -</u> <u>Nos.</u>	<u>Stage(s)</u>
Allorhogas pyralophagus Marsh Hymenoptera Braconidae	Eoreuma loftini (Dyar) Mexican rice borer	Mexico	Trinidad & Tobago TAMU-JWS-82-0008	30	C
Aphelinus varipes (Förster) Hymenoptera Aphelinidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0008	101	MU
Aphidius sp. Hymenoptera Aphidiidae	SAME	France	Brazil EPL-82-0001	185	MU
	Sitobion spp.	France	Brazil EPL-82-0003	65	MU
	Metopolophium dirhodum (Walker)	France	Brazil EPL-82-0004	37	MU
	SAME	France	Brazil EPL-82-0005	48	MU
Aphthona flava Guillebeau Coleoptera Chrysomelidae	Euphorbia esula Linnaeus leafy spurge	Italy-Tuscany	Canada BCWLE-82-0007	980	A
Aschersonia aleyrodus Webber Moniliales	Dialeurodes citri (Ashmead) citrus whitefly	USA-FL	Israel IPRU-RAH-82-0007	?	CULT
	Aleyrodid sp.	USA-FL	Israel IPRU-RAH-82-0009	?	CULT
	Dialeurodes citri (Ashmead) citrus whitefly	USA-FL	Turkey IPRU-RAH-82-0065	?	CULT

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Arranged Alphabetically by Genus-species of Organism Shipped

<u>Species Shipped -</u> <u>Genus, Species, Subspecies</u> <u>Author, Order, Family</u>	<u>Host/Prey at Collection Site</u> <u>Genus, Species, Subspecies</u> <u>Author, Common Name</u>	<u>Origin</u>	<u>Shipped to Country</u> <u>Shipper File Number</u>	<u>Shipped -</u> <u>Nos.</u> <u>Stage(s)</u>
Aschersonia goldiana Saccardo & Ellis Moniliales	Dialeurodes citri (Ashmead) citrus whitefly	USA-FL	Israel IPRU-RAH-82-0008	? CULT
Batkoa apiculata (Thaxter) Humber Entomophthorales Ancylistaceae	?	Sweden	Turkey IPRU-RAH-82-0062	? CULT
Beauveria bassiana (Balsamo) Vuillemin Moniliales	Malacosoma americanum (Fabricius) eastern tent caterpillar	USA-MA	Turkey IPRU-RAH-82-0057	? CULT
	Nilaparvata lugens (Stål) brown planthopper	China (PRC)	United Kingdom IPRU-RAH-82-0074	? CULT
Biosteres fullawayi (Silvestri) Hymenoptera Braconidae	Ceratitidis anonae Graham	Cameroon	Costa Rica TAMU-82-0027	1 A
	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0042	1 A
	SAME	Cameroon	Costa Rica TAMU-82-0048	1 A
	SAME	Cameroon	Costa Rica TAMU-82-0061	1 A
	SAME	Cameroon	Costa Rica TAMU-82-0087	5 A

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Biosteres fullawayi (Silvestri) Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Togo	Costa Rica TAMU-82-0002	3	A
	SAME	Togo	Costa Rica TAMU-82-0006	1	A
Biosteres sp. Hymenoptera Braconidae	Trirhithrum sp. prob. coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0021	1	A
Braconid sp. A Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0041	3	A
Chrysocharis parksi Crawford Hymenoptera Eulophidae	Liriomyza spp. Agromyzid leafminers	USA-CA	United Kingdom HDA-82-2010	200e	A
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Liriomyza spp. Agromyzid leafminers	Trinidad & Tobago	United Kingdom HDA-82-1010	200e	A
Chrysolina quadrigemina (Suffrian) Coleoptera Chrysomelidae	Hypericum perforatum Linnaeus common St. Johnswort	USA-CA	Canada BCWRL-LAA-82-0007	200e	A
Chrysonotomyia punctiventris (Crawford) Hymenoptera Eulophidae	Liriomyza spp. Agromyzid leafminers	USA-CA	United Kingdom HDA-82-3010	200e	A

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Conidiobolus obscurus (Hall & Dunn) R. & K. Entomophthorales Ancylistaceae	Therioaphis maculata (Buckton) spotted alfalfa aphid	USA	Brazil IPRU-RAH-82-0033	?	CULT
Conidiobolus osmodes Drechsler Entomophthorales Ancylistaceae	Hypera postica (Gyllenhal) alfalfa weevil	Israel	Canada IPRU-RAH-82-0045	?	CULT
Conidiobolus thromboides Drechsler Entomophthorales Ancylistaceae	Macrosiphum euphorbiae (Thomas) potato aphid	USA-ME	Brazil IPRU-RAH-82-0031	?	CULT
	Heleomyzid sp.	USA-ME	Turkey IPRU-RAH-82-0058	?	CULT
Cotesia melanoscelus (Ratzeburg) Hymenoptera Braconidae	Lymantria dispar (Linnaeus) gypsy moth	USA-NJ	Canada BIRL-RWF-82-0106	100	C
	SAME	USA-NJ	Canada BIRL-RWF-82-0120	145	C
	SAME	USA-NJ	Canada BIRL-RWF-82-0136	238	C
Culicinomyces clavisporus Couch, Romney & Rao Moniliales	Anopheles amictus hilli Woodhill & Lee	Australia	Turkey IPRU-RAH-82-0066	?	CULT
Diachasmimorpha tryoni (Cameron) Hymenoptera Braconidae	Ceratitidis capitata (Wiedemann) Mediterranean fruit fly	USA-HI	Costa Rica TAMU-82-0075	208	A

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Diglyphus intermedius (Girault) Hymenoptera Eulophidae	Liriomyza trifolii (Burgess) leafminer	USA-TX	Trinidad & Tobago TAMU-JWS-82-0006	12	A
Dinotiscus burkei (Crawford) Hymenoptera Pteromalidae	Ips spp.	USA-CA	Australia UCB-DLD-82-0012	65	C
Edovum puttleri Grissell Hymenoptera Eulophidae	Leptinotarsa undecemlineata (Stål)	Colombia	Canada BIIL-RFWS-82-0034	300e	PHE
	SAME	Colombia	Netherlands BIIL-RFWS-82-0050	100e	PHE
Encarsia deserti Gerling and Rivnay Hymenoptera Aphelinidae	Bemisia tabaci (Gennadius) sweetpotato whitefly	USA-AZ	Israel WCRL-GDB-82-0001-A	?e	PHP
Encarsia formosa Gahan Hymenoptera Aphelinidae	?	?	Israel UCR-MJR-82-0006	?e	?
Encarsia sp. Hymenoptera Aphelinidae	Parabemisia myricae Kuwana Japanese bayberry whitefly	Japan-Honshu	Israel UCR-MJR-82-0004	?	A
Entomophaga aulicae (Reichardt) Humber Entomophthorales Entomophthoraceae	Aedia leucomelas (Linnaeus) sweetpotato leaf worm	Japan	Canada IPRU-RAH-82-0013	?	CULT

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Entomophaga aulicae (Reichardt) Humber Entomophthorales Entomophthoraceae	Tipula sp.	Switzerland	Canada IPRU-RAH-82-0014	?	CULT
	Heliothis? sp.	USA-GA	Brazil IPRU-RAH-82-0037	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Turkey IPRU-RAH-82-0061	?	CULT
Entomophthora muscae (Cohn) Fresenius Entomophthorales Entomophthoraceae	Pollenia rudis (Fabricius) cluster fly	USA-NY	Denmark IPRU-RAH-82-0050	?	CULT
	Delia platura (Meigen) seedcorn maggot	UK-England	Denmark IPRU-RAH-82-0051	?	CULT
	Musca domestica Linnaeus house fly	USA-NY	Israel IPRU-RAH-82-0052	?	CULT
Ephedrus plagiator (Nees) Hymenoptera Aphidiidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0002	157	MU
	Sitobion spp.	France	Brazil EPL-82-0006	69	MU
	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0007	326	MU

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Ephedrus plagiator (Nees) Hymenoptera Aphidiidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0010	1095	MU
	SAME	France	Brazil EPL-82-0011	215	MU
Eretmocerus sp. Hymenoptera Aphelinidae	Parabemisia myricae Kuwana Japanese bayberry whitefly	USA-CA	Israel UCR-MJR-82-0002	?e	A
Eretmocerus sp. A Hymenoptera Aphelinidae	SAME	Japan-Honshu	Israel UCR-MJR-82-0003	?e	A
Eretmocerus sp. B Hymenoptera Aphelinidae	Bemisia tabaci (Gennadius) sweetpotato whitefly	USA-CA	Israel UCR-MJR-82-0005	?	A
	SAME	USA-AZ	Israel WCRL-GDB-82-0001-B	?e	PHP
Eutreta xanthochaeta Aldrich Diptera Tephritidae	Stachytarpheta sp.	USA-HI	South Africa HDA-82-0009-A	250e	GALLS
Glyptapanteles flavicoxis (Marsh) Hymenoptera Braconidae	Lymantria obfuscata (Walker)	India	China (PRC) BIRL-RWF-82-0070	185	A,C

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Halticoptera patellana (Dalman) Hymenoptera Pteromalidae	Liriomyza spp. Agromyzid leafminers	USA-CA	United Kingdom HDA-82-4010	300e A
Heterorhabditis bacteriophora Poinar, 1976 Rhabditida Heterorhabditidae	Helicoverpa zea (Boddie) corn earworm, bollworm	USA-NC	China (PRC) UCDND-HKK-82-0001	?e J
Hirsutella citriformis Speare Moniliales	Nilaparvata lugens (Stål) brown planthopper	Malaysia	United Kingdom IPRU-RAH-82-0071	? CULT
Hirsutella thompsonii Fisher Moniliales	Phyllocoptruta oleivora (Ashmead) citrus rust mite	USA-FL	Brazil IPRU-RAH-82-0034	? CULT
	SAME	USA-FL	Turkey IPRU-RAH-82-0063	? CULT
Lantanophaga pusillidactyla (Walker) Lepidoptera Pterophoridae	Lantana spp.	USA-HI	South Africa HDA-82-0007-A	600e L,P
Lariophagus distinguendus (Förster) Hymenoptera Pteromalidae	Lasioderma sp.		Netherlands SPIRDL-RTA-82-0001	?e PHL
Lobesia euphorbiana (Freyer) Lepidoptera Tortricidae	Euphorbia spp.	Italy-Emilia Romagna	Canada BCWLE-82-0013	160 L

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Lysiphlebus ?testaceipes (Cresson) Hymenoptera Aphidiidae	unidentified aphid sp.	USA-FL	Sudan FBCL-GRB-82-0008	300e MU
Metarhizium anisopliae (Metschnik.) Sorokin Moniliales	Elaterid sp.	USA-NC	UK, England IPRU-RAH-82-0001	? CULT
	Scarabaeid sp.	Western Samoa	UK, England IPRU-RAH-82-0002	? CULT
	Austracris guttulosa (Walker)	Australia	UK, England IPRU-RAH-82-0003	? CULT
	Nilaparvata lugens (Stål) brown planthopper	Philippines	UK, England IPRU-RAH-82-0004	? CULT
	Recilia dorsalis (Motschulsky) zigzag rice leafhopper	Philippines	UK, England IPRU-RAH-82-0005	? CULT
	Cercopid sp.	Brazil	UK, England IPRU-RAH-82-0006	? CULT
	Oryctes rhinoceros (Linnaeus)	Thailand	Israel IPRU-RAH-82-0010	? CULT
	Cercopid sp.	Brazil	Israel IPRU-RAH-82-0011	? CULT
	Teleogryllus commodus (Walker)	Australia	Brazil IPRU-RAH-82-0040	? CULT

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Metarhizium anisopliae (Metschnik.) Sorokin Moniliales	Nilaparvata lugens (Stål) brown planthopper	Philippines	Brazil IPRU-RAH-82-0041	?	CULT
	SAME	Philippines	United Kingdom IPRU-RAH-82-0069	?	CULT
Microterys ishiii Tachikawa Hymenoptera Encyrtidae	Pulvinaria aurantii Cockerell	Japan	USSR UCB-KSH-82-0028	44	PHN
Neochetina bruchii Hustache Coleoptera Curculionidae	Eichhornia crassipes (C.Mart.) Solms-Laub. waterhyacinth	USA-FL	India APML-TDC-82-0001	?e	A
Neochetina eichhorniae Warner Coleoptera Curculionidae	SAME	USA-FL	India APML-TDC-82-0002	?e	A
Nomuraea rileyi (Farlow) Samson Moniliales	Spodoptera sp.	Australia	Brazil IPRU-RAH-82-0039	?	CULT
	Noctuid sp.	USA-MS	Turkey IPRU-RAH-82-0060	?	CULT
Opius dissitus Muesebeck Hymenoptera Braconidae	Liriomyza spp. Agromyzid leafminers	USA-FL	United Kingdom HDA-82-5010	100e	A
Opius n. sp. Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0058	2	A

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Opius n. sp. nr. africanus Szépligeti Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Togo	Costa Rica TAMU-82-0003	3 A
	SAME	Togo	Costa Rica TAMU-82-0005	3 A
Opius perproximus Silvestri Hymenoptera Braconidae	SAME	Togo	Costa Rica TAMU-82-0001	7 A
	SAME	Togo	Costa Rica TAMU-82-0004	17 A
	SAME	Cameroon	Costa Rica TAMU-82-0008	7 A
	Trirhithrum sp. prob. coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0012	6 A
	SAME	Cameroon	Costa Rica TAMU-82-0013	47 A
	SAME	Cameroon	Costa Rica TAMU-82-0017	31 A
	SAME	Cameroon	Costa Rica TAMU-82-0018	19 A
	SAME	Cameroon	Costa Rica TAMU-82-0019	5 A
	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0022	54 A
	SAME	Cameroon	Costa Rica TAMU-82-0024	29 A

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Opius perproximus Silvestri Hymenoptera Braconidae	Trirhithrum coffea Bezzi	Cameroon	Costa Rica TAMU-82-0028	50	A
	SAME	Cameroon	Costa Rica TAMU-82-0030	7	A
	SAME	Cameroon	Costa Rica TAMU-82-0033	58	A
	SAME	Cameroon	Costa Rica TAMU-82-0035	60	A
	SAME	Cameroon	Costa Rica TAMU-82-0039	60	A
	SAME	Cameroon	Costa Rica TAMU-82-0045	68	A
	SAME	Cameroon	Costa Rica TAMU-82-0050	93	A
	SAME	Cameroon	Costa Rica TAMU-82-0053	42	A
	SAME	Cameroon	Costa Rica TAMU-82-0057	70	A
	SAME	Cameroon	Costa Rica TAMU-82-0064	107	A
	SAME	Cameroon	Costa Rica TAMU-82-0067	5	A
	SAME	Cameroon	Costa Rica TAMU-82-0071	50	A
	SAME	Cameroon	Costa Rica TAMU-82-0076	23	A
	SAME	Cameroon	Costa Rica TAMU-82-0079	6	A

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Opius perproximus Silvestri Hymenoptera Braconidae	Trirhithrum coffea Bezzi	Cameroon	Costa Rica TAMU-82-0097	9	A
	SAME	Cameroon	Costa Rica TAMU-82-0102	13	A
	SAME	Cameroon	Costa Rica TAMU-82-0105	18	L
	SAME	Cameroon	Costa Rica TAMU-82-0110	9	A
	SAME	Cameroon	Costa Rica TAMU-82-0114	18	A
Opius sp. Hymenoptera Braconidae	Trirhithrum sp. prob. coffea Bezzi	Cameroon	Costa Rica TAMU-82-0014	3	A
Orrinia phyllobia (Thorne) Tylenchida Neotylenchidae	Solanum elaeagnifolium Cav. silverleaf nightshade	USA-TX	South Africa SPCRL-CCO-82-0001	?e	J
Orthogalumna terebrantis Wallwork Acariformes Galumnidae	Eichhornia crassipes (C.Mart.) Solms-Laub. waterhyacinth	USA-FL	India AFML-TDC-82-0003	?e	A,L
Osmia cornifrons (Radoszkowski) Hymenoptera Megachilidae	apple	USA-MD	Canada BIIL-SWTB-82-0055	400e	A

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Osmia lignaria lignaria Say Hymenoptera Megachilidae	fruit	USA-MD	Japan BIIL-SWTB-82-0046	500e A
Paecilomyces farinosus (Holm ex SFGray) B&S Moniliales	Malacosoma americanum (Fabricius) eastern tent caterpillar	USA-MA	Brazil IPRU-RAH-82-0029	? CULT
	Lymantria dispar (Linnaeus) gypsy moth	USA-PA	Brazil IPRU-RAH-82-0030	? CULT
	?	Poland	Brazil IPRU-RAH-82-0042	? CULT
Paecilomyces javanicus (Fr.&Bally) Br.&Sm. Moniliales	Litodactylus leucogaster (Marsham)	USA-FL	Brazil IPRU-RAH-82-0038	? CULT
Pandora delphacis (Hori) Humber Entomophthorales Entomophthoraceae	Sogatella furcifera (Horvath) whitebacked planthopper	Indonesia	Australia IPRU-RAH-82-0027	? CULT
	SAME	Indonesia	Brazil IPRU-RAH-82-0044	? CULT
	Nilaparvata lugens (Stål) brown planthopper	Indonesia	Philippines IPRU-RAH-82-0046	? CULT
	Sogatella furcifera (Horvath) whitebacked planthopper	Indonesia	Philippines IPRU-RAH-82-0047	? CULT

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Pandora delphacis (Hori) Humber Entomophthorales Entomophthoraceae	Nilaparvata lugens (Stål) brown planthopper	Japan	United Kingdom IPRU-RAH-82-0068	?	CULT
	Nephotettix cincticeps (Uhler)	Philippines	United Kingdom IPRU-RAH-82-0070	?	CULT
	Nilaparvata lugens (Stål) brown planthopper	Indonesia	United Kingdom IPRU-RAH-82-0073	?	CULT
	SAME	China (PRC)	United Kingdom IPRU-RAH-82-0075	?	CULT
Pandora neoaphidis (Rem. & Hen.) Humber Entomophthorales Entomophthoraceae	Aphis fabae Scopoli bean aphid	Poland	Australia IPRU-RAH-82-0028	?	CULT
Pandora nouryi (Rem. & Hen.) Humber Entomophthorales Entomophthoraceae	Aphidid sp.	USA-ME	Australia IPRU-RAH-82-0026	?	CULT
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	Henosepilachna sparsa (Herbst)	India	Western Samoa BIRL-PWS-82-0055	20	MU
	Henosepilachna vigintioctopunctata (Fabricius)	Japan-Honshu	Mexico BIRL-PWS-82-0116	97	MU
	SAME	Japan-Honshu	Mexico BIRL-PWS-82-0121	63	MU

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Praon gallicum Stary Hymenoptera Aphidiidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0009	71 MU
Puccinia chondrillina Bubak & Sydenham Uredinales Pucciniaceae	Chondrilla juncea Linnaeus rush skeletonweed	USA-WA	Argentina WASUPP-RFL-82-0001	?e SPORES
Rhaconotus roslinensis Lal Hymenoptera Braconidae	Eoreuma steniellus (Hampson)	Pakistan	Bolivia TAMU-JWS-82-0007	150e C
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	Carduus nutans Linnaeus musk thistle	USA-MT	Argentina RIL-NER-82-0039	?e A
Rhynchoseres caudatus (Szépligeti) Hymenoptera Braconidae	Trirhithrum sp. prob. coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0015	6 A
	SAME	Cameroon	Costa Rica TAMU-82-0016	1 A
	SAME	Cameroon	Costa Rica TAMU-82-0020	8 A
	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0023	11 A
	SAME	Cameroon	Costa Rica TAMU-82-0025	11 A
	SAME	Cameroon	Costa Rica TAMU-82-0026	15 A

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Rhynchosteres caudatus (Szépligeti) Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0029	40	A
	SAME	Cameroon	Costa Rica TAMU-82-0034	5	A
	SAME	Cameroon	Costa Rica TAMU-82-0036	38	A
	SAME	Cameroon	Costa Rica TAMU-82-0040	132	A
	SAME	Cameroon	Costa Rica TAMU-82-0043	81e	A
	SAME	Cameroon	Costa Rica TAMU-82-0049	63	A
	SAME	Cameroon	Costa Rica TAMU-82-0052	212	A
	SAME	Cameroon	Costa Rica TAMU-82-0059	8	A
	SAME	Cameroon	Costa Rica TAMU-82-0065	358	A
	SAME	Cameroon	Costa Rica TAMU-82-0069	103	A
	SAME	Cameroon	Costa Rica TAMU-82-0073	174	A
	SAME	Cameroon	Costa Rica TAMU-82-0078	253	A
	SAME	Cameroon	Costa Rica TAMU-82-0081	109	A
	SAME	Cameroon	Costa Rica TAMU-82-0088	45	A

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Rhynchostreres caudatus (Szépligeti) Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0091	25	A
	SAME	Cameroon	Costa Rica TAMU-82-0099	36	A
	SAME	Cameroon	Costa Rica TAMU-82-0104	104	A
	SAME	Cameroon	Costa Rica TAMU-82-0106	58	A
	SAME	Cameroon	Costa Rica TAMU-82-0111	55	A
Rhynchostreres silvestrii Wharton Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0044	4	A
	SAME	Cameroon	Costa Rica TAMU-82-0051	5	A
	SAME	Cameroon	Costa Rica TAMU-82-0060	114	A
	SAME	Cameroon	Costa Rica TAMU-82-0066	99	A
	SAME	Cameroon	Costa Rica TAMU-82-0068	6	A
	SAME	Cameroon	Costa Rica TAMU-82-0072	1	A
	SAME	Cameroon	Costa Rica TAMU-82-0077	93	A
	SAME	Cameroon	Costa Rica TAMU-82-0080	29	A

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Rhynchostreres silvestri Wharton Hymenoptera Braconidae	Trirhithrum coffea Bezzi	Cameroon	Costa Rica TAMU-82-0089	124	A
	SAME	Cameroon	Costa Rica TAMU-82-0090	85	A
	SAME	Cameroon	Costa Rica TAMU-82-0098	108	A
	SAME	Cameroon	Costa Rica TAMU-82-0103	94	A
	SAME	Cameroon	Costa Rica TAMU-82-0107	98	A
	SAME	Cameroon	Costa Rica TAMU-82-0112	82	A
	SAME	Cameroon	Costa Rica TAMU-82-0115	110	A
Roptrocercus xylophagorum (Ratzeburg) Hymenoptera Torymidae	Ips spp.	USA-CA	Australia UCB-DLD-82-0011	90	C
	SAME	USA-GA NOTE: 135	Australia UGA-CWB-82-0001	?e	A,C
Steinernema carpocapsae (Weiser, 1955) Rhabditida Steinernematidae	Vitacea polistiformis (Harris)	USA-GA ("All"strain)	Canada UCDND-HKK-82-0002	?e	A,J
Strymon sp. Lepidoptera Lycaenidae	Lantana spp.	USA-HI	South Africa HDA-82-007B	1	A

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Thanasimus dubius (Fabricius) Coleoptera Cleridae	Dendroctonus frontalis Zimmermann southern pine beetle	USA-GA NOTE: 135	Australia UGA-CWB-82-0002	?e A
Trichogramma exiguum Pinto and Platner Hymenoptera Trichogrammatidae	Heliothis virescens (Fabricius) tobacco budworm	USA-MS	USSR BIIL-ACFH-82-0018	100e PHE
	SAME	USA-MD	France BIIL-ACFH-82-0022	100e PHE
Trichogramma maidis Pintureau & Voegele Hymenoptera Trichogrammatidae	Pieris rapae (Linnaeus) imported cabbageworm	France	Netherlands BIIL-ACFH-82-0009	100 PHE
	SAME	France	Netherlands BIIL-ACFH-82-0049	400e PHE
Trichogramma maltbyi Nagaraja & Nagarkatti Hymenoptera Trichogrammatidae	?	USA-TX	France BIIL-ACFH-82-0015	100e PHE
Trichogramma marylandense Thorpe Hymenoptera Trichogrammatidae	Heliothis virescens (Fabricius) tobacco budworm	USA-MD	France BIIL-ACFH-82-0016	100e PHE
Trichogramma minutum Riley Hymenoptera Trichogrammatidae	SAME	USA-MD	USSR BIIL-ACFH-82-0020	100e PHE

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Trichogramma nubilale Ertle & Davis Hymenoptera Trichogrammatidae	Ostrinia nubilalis (Hübner) European corn borer	USA-DE	France BIIL-ACFH-82-0021	100e PHE
Trichogramma pretiosum Riley Hymenoptera Trichogrammatidae	Heliothis sp.	USA-TX	USSR BIIL-ACFH-82-0019	100e PHE
Trichogramma retorridum (Girault) Hymenoptera Trichogrammatidae	Heliothis virescens (Fabricius) tobacco budworm	USA-MD	France BIIL-ACFH-82-0017	100e PHE
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	Carduus nutans Linnaeus musk thistle	USA-VA	Argentina VPI-LTK-82-0030	351 A
Trissolcus basalis (Wollaston) Hymenoptera Scelionidae	Nezara viridula (Linnaeus) southern green stink bug	USA-MS	Australia SRQF-WAJ-82-0003	1161 PHE
Typhlodromus occidentalis Nesbitt Parasitiformes Phytoseiidae	Tetranychus spp.	USA-WA, CA	Switzerland UCBB-MAH-82-0002	?e A,N
	Tetranychus urticae Koch twospotted spider mite	USA-CA	Australia UCBB-MAH-82-1001	?e A,N
Tytthus mundulus (Breddin) Heteroptera Miridae	Perkinsiella saccharicida Kirkaldy sugarcane delphacid	USA-HI	China (PRC) HDA-82-0003	?e A

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Venturia canescens (Gravenhorst) Hymenoptera Ichneumonidae	?	Unknown	Canada SPIRDL-JWP-82-0001	?e PHL
Verticillium lecanii (Zimmerman) Viegas Moniliales	Coccus viridis (Green) green scale	Sri Lanka	Israel IPRU-RAH-82-0012	? CULT
	SAME	Sri Lanka	Brazil IPRU-RAH-82-0043	? CULT
	Nilaparvata lugens (Stål) brown planthopper	Indonesia	United Kingdom IPRU-RAH-82-0072	? CULT
Zoophthora occidentalis (Thaxter) Batko Entomophthorales Entomophthoraceae	Anoecia corni (Fabricius)	Switzerland	Australia IPRU-RAH-82-0056	? CULT
Zoophthora phalloides Batko Entomophthorales Entomophthoraceae	Macrosiphum euphorbiae (Thomas) potato aphid	USA-ME	Australia IPRU-RAH-82-0048	? CULT
	Macrosiphum sp.	France	Australia IPRU-RAH-82-0049	? CULT
	Macrosiphum euphorbiae (Thomas) potato aphid	USA-ME	Australia IPRU-RAH-82-0054	? CULT
Zoophthora phytonomi (Arthur) Batko Entomophthorales Entomophthoraceae	Hypera postica (Gyllenhal) alfalfa weevil	Israel	Brazil IPRU-RAH-82-0036	? CULT

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Zoopthora radicans (Brefeld) Batko Entomophthorales Entomophthoraceae	Neodiprion tsugae Middleton hemlock sawfly	USA-AK	Canada IPRU-RAH-82-0015	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Canada IPRU-RAH-82-0016	?	CULT
	Empoasca sp.	Israel	Canada IPRU-RAH-82-0017	?	CULT
	Brachycaudus amygdalinus (Schouteden)	Israel	Canada IPRU-RAH-82-0018	?	CULT
	Therioaphis maculata (Buckton) spotted alfalfa aphid	Israel	Canada IPRU-RAH-82-0019	?	CULT
	Psyllid sp.	Canada-PQ	Canada IPRU-RAH-82-0020	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Canada IPRU-RAH-82-0021	?	CULT
	Insect sp.	Sweden	Canada IPRU-RAH-82-0022	?	CULT
	Therioaphis maculata (Buckton) spotted alfalfa aphid	USA-NY	Canada IPRU-RAH-82-0023	?	CULT
	Lepidoptera sp.	Switzerland	Canada IPRU-RAH-82-0024	?	CULT

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Zoophthora radicans (Brefeld) Batko Entomophthorales Entomophthoraceae	Choristoneura fumiferana (Clemens) spruce budworm	Canada-ON	Canada IPRU-RAH-82-0025	?	CULT
	Empoasca sp.	Israel	Brazil IPRU-RAH-82-0032	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Brazil IPRU-RAH-82-0035	?	CULT
	Therioaphis maculata (Buckton) spotted alfalfa aphid	Israel	Australia IPRU-RAH-82-0053	?	CULT
	Neodiprion tsugae Middleton hemlock sawfly	USA-AK	Turkey IPRU-RAH-82-0059	?	CULT
Zoophthora sp. nr. radicans (Brefeld) Batko Entomophthorales Entomophthoraceae	Empoasca kraemeri Ross & Moore	Brazil	Australia IPRU-RAH-82-0055	?	CULT
granulosis virus Baculoviridae	Pieris rapae (Linnaeus) imported cabbageworm	?	China (PRC) SPIRL-PVV-82-0004	?	GIB
	Plodia interpunctella (Hübner) Indianmeal moth	USA-GA	China (PRC) SPIRL-PVV-82-0005	?	GIB
	Phthorimaea operculella (Zeller) potato tuberworm	Australia	China (PRC) SPIRL-PVV-82-0006	?	DHL

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granulosis virus Baculoviridae	Plodia interpunctella (Hübner) Indianmeal moth	USA-GA	China (PRC) SPIRL-PVV-82-0009	? GIB
nuclear polyhedrosis virus Baculoviridae	Lymantria dispar (Linnaeus) gypsy moth	(Internatl Standard)	USSR FSHCT-WEW-82-0004	?e CULT
	Autographa californica (Speyer) alfalfa looper	USA-CA	China (PRC) IPL-EMD-82-0001	?
	SAME	USA-CA	China (PRC) SPIRL-PVV-82-0001	? PIB
	Trichoplusia ni (Hübner) cabbage looper	USA-CA	China (PRC) SPIRL-PVV-82-0002	? PIB
	Helicoverpa zea (Boddie) corn earworm, bollworm	USA	China (PRC) SPIRL-PVV-82-0003	? PIB
	Autographa californica (Speyer) alfalfa looper	USA-CA	China (PRC) SPIRL-PVV-82-0007	? PIB
	Helicoverpa zea (Boddie) corn earworm, bollworm	USA	China (PRC) SPIRL-PVV-82-0008	? PIB

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pathogens of Russian knapweed	Centaurea repens Linnaeus Russian knapweed	Turkey	Canada BCWLE-82-0014	?e DLV
	SAME	Turkey	Switzerland (1982+) BCWLE-82-0015	?e DLV
pathogens of yellow starthistle	Centaurea solstitialis Linnaeus yellow starthistle	Greece	Switzerland (1982+) BCWLEGR-82-2002	? SPORES

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NOTES

135 Other species possibly shipped to Australia by UGA in 1982 were Coeloides pissodis (Ashmead) & Dendrosoter sulcatus Muesebeck. These & other natural enemies are reported as shipped by UGA from "late 1982" - 1986, but information on actual years each was shipped and other details are not available (see Berisford, C. W., & D. L. Dahlsten, pp. 81-93 in Kulhavy, D. L., & M. C. Miller, "Potential for Biological Control ... of Bark Beetles," Nacogdoches, TX, 1989).

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SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

1. APL Asian Parasite Laboratory, ARS, USDA c/o Forest Research Institute
Chongnyangni, Tongdaemun-gu Seoul 131 Republic of Korea (1982+)
2. APL-1981 Asian Parasite Laboratory, ARS, USDA 32-7 Fukuzumi, 1-Jo 3-Chrome
Toyohira-ku Sapporo, Hokkaido 062 Japan (1975-1981)
3. APLC Asian Parasite Laboratory, Cooperator Kochi Prefecture, Shikoku
Japan
4. BCWLE Biological Control of Weeds Lab, Europe ARS, USDA
Via Gastone Monaldi, 34 Rome Italy
5. BCWLEGR Biological Control of Weeds Lab, Europe Faculty of Agriculture, University Farm
University of Thessaloniki (ARS, USDA) Thessaloniki Greece
6. BCWLSA Biological Control of Weeds Lab, So. Amer ARS, USDA
1559 South Bolivar Hurlingham 1686 Argentina
7. EPL European Parasite Laboratory, ARS, USDA 47 rue des Fontenelles
Sevres 92310 France
8. EPLINRA European Parasite Laboratory Cooperator c/o Inst Natl de Recherche Agronomique
Sta Rech de Lutte Biologique, La Miniere 78280 Guyancourt France

1. ?

Euverte, G

2. ALAU Auburn University Department of Zoology-Entomology
Auburn University AL 36849 USA
Harper, J D
3. APL Asian Parasite Laboratory, ARS, USDA c/o Forest Research Institute
Chongnyangni, Tongdaemun-gu Seoul 131 Korea, South (1982+)
Carlson, R W Chung, K Han, H Y
Han, H-Y Ikebe, K Lee, J-H
Suzuki, I
4. APLC Asian Parasite Laboratory, Cooperator Kochi Prefecture, Shikoku
Japan
Inoue, T
5. ARINTA Inst Nacional de Tecnologia Agropecuaria Departamento de Patologia Vegetal
C. C. 25 Castelar 1712 Argentina
Botto, E

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PART A - Overseas Facilities and Explorers Involved, with Addresses

29. CIBCES Commonwealth Inst of Biological Control European Station
1, Chemin des Grillons Delemont CH-2800 Switzerland
Carl, K P Glanz, W D
30. CIBCESAU Commonwealth Inst of Biological Control European Station, Austrian Substation
Inprugg 35 A-3040 Neulengbach Austria
Altenhofer, E Heidecker, L
31. CIBCIS Commonwealth Inst of Biological Control Indian Station, Post Bag 2484
Hebbal Agricultural Farm, P.O. Bangalore 560 024 India
? Ramaseshiah, G
32. CIBCISDD Dehra Dun Field Station, CIBCIS 281/3 Chukhuwala, Block 1
Dehra Dun 248011 Uttar Pradesh India
Krishnaswamy, S Singh, N
33. CIBCISL Ludhiana Field Station, CIBCIS Bharath Vaishnu Hotel
Chaura Bazaar Ludhiana 141008 Punjab India
Krishnaswamy, S
34. CIBCKS Commonwealth Inst of Biological Control Kenya Station, c/o Kenya Agr Res Inst
P O Box 30148 Nairobi Kenya
Ingram, W R Markham, R H
35. CIBCPS Commonwealth Inst of Biological Control Pakistan Station (PARC-CIBC)
Murree Road, P. O. Box 8 Rawalpindi Pakistan
Ahmad, B Cheema, M A Hanif, M
Khan, A G Mohyuddin, A I Munawar, M S
Qazi, A S Shah, S Siddiqui, R K
36. CIBCWIS Commonwealth Inst of Biological Control West Indian Station
Gordon Street Curepe, Trinidad Trinidad & Tobago
Bennett, F D Cock, M J W
37. COCIAT Centro Internacional de Agric Tropical Apartado Aereo 6713
Cali Colombia
Mantilla, C E
38. COICA Instituto Colombiano Agropecuario Tibaitata
Apartado Aereo 151123, Eldorado Bogota Colombia
Lopez, A Vasquez Romero, B
39. COICAP Instituto Colombiano Agropecuario (ICA)
Palmira Colombia
Garcia, F
40. COMBI Biosystems, Inc. 762 Highway 78
Loganville GA 30249 USA
Prakash, V

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PART A - Overseas Facilities and Explorers Involved, with Addresses

41. COSASAFA Sanid Agropec Secr Agr Fomento Antioquia
Medellin Colombia
Urueta, E J
42. CSIROB Commonwealth Sci & Indus Res Org CSIRO Long Pocket Laboratories
Private Bag No. 3 Indooroop., Brisbane Queensland 4068 Australia
Kassulke, R C Sands, D
43. CSIROM Commonwealth Sci & Indus Res Org CSIRO Biological Control Unit
335 Avenue Abbe Paul Parguel 34100 Montpellier France
Aeschlimann, J P
44. CSIROSL Commonwealth Sci & Indus Res Org CSIRO Cunningham Laboratory
Division of Tropical Crops & Grasses St. Lucia Queensland 4067 Australia
Lawn, R J
45. CTAES Connecticut Agr Expt Station Department of Entomology
123 Huntington Street, Box 1106 New Haven CT 06504 USA
Weseloh, R M
46. CUENSC Estacion Nacional de Sanidad de Citricos Ministerio de la Agricultura Autopista
Municipio Playo Cuba
Cabrera, R I
47. ECMA Ministry of Agriculture Programa Nac del Algodon y Oleaginosas
Apartado 5265 Guayaquil Ecuador
Paladines, C
48. ECUG University of Guayaquil Facultad de Ciencias Agrarias
Apartado 8488 Guayaquil Ecuador
Escobar, J
49. EGCU Cairo University Department of Economic Entomology
Faculty of Agriculture Giza Egypt
Rashad, S E
50. EGPPi Parasite Research Divison Plant Protection Institute, Agr Res Ctr
Ministry of Agriculture Dokki, Cairo Egypt
Ibrahim, A A
51. EGUM University of Menofia Faculty of Agriculture
Shebin El Kom Menofia Egypt
Osman, A A
52. EMBRAPAG EMBRAPA CNPAF
Goiania Goias Brazil
Edson-de-Araujo, F
Pereira Rios, G
Tanaka, Y
Ferreira, E
Pratagil, J G
Yokohama, M
Martins/Santos, S
Saraiva Teixeira, L
de Silva Carneiro, J

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PART A - Overseas Facilities and Explorers Involved, with Addresses

53. EPL European Parasite Laboratory, ARS, USDA 47 rue des Fontenelles
Sevres 92310 France
Blanchot, P Chen, K H Coutinot, D
Friedman, R Gruber, F Hedlund, R C
Hérard, F Hoyer, H Mercadier, G
Perkins, B D Rey, E Wajda, T
54. EPLINRA European Parasite Laboratory Cooperator c/o Inst Natl de Recherche Agronomique
Sta Rech de Lutte Biologique, La Miniere 78280 Guyancourt France
Poprawski, T J Soares, G G
55. FBCL Florida Biological Control Laboratory Division of Plant Industry, FDACS
P.O. Box 1269 Gainesville FL 32602 USA
Bennett, C A
56. FRINRAA Inst Natl de la Recherche Agronomique Station de Rech de Zool & de Lutte Biol
37, bd du Cap - B P 78 Antibes 06602 France
Voegele, J
57. FRINRAG Inst Natl de la Recherche Agronomique Station de Rech de Lutte Biologique
La Miniere Guyancourt 78280 France
Marchal, M
58. FSHCT Forest Insect and Disease Laboratory Northeastern Forest Experiment Station
Forest Service, USDA, 51 Mill Pond Road Hamden CT 06514 USA
Wallner, W E
59. GRA 26 Gounaris St
Amaroussion Greece
Politis(Mrs), D J
60. HDA Hawaii Department of Agriculture 1428 South King Street
Honolulu, Oahu HI 96814 USA
Burkhart, R M Funasaki, G Y Heu, R A
Murai, K T
61. HURIPP Research Institute of Plant Protection Herman Otto u. 15
Budapest II - 1525 Hungary
Kozar, F
62. IIBIII Insect Ident & Benef Insect Intro Inst ARS, USDA
Bldg. 003, BARC-West Beltsville MD 20705 USA
Knutson, L
63. INHS Illinois Natural History Survey Division 607 East Peabody Drive
Champaign IL 61820 USA
Kogan, M

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76. JANIAS National Inst of Agricultural Sciences Divison of Entomology
Kannondai 3-1-1, Yatabe Tsukuba Ibaraki 305 Japan
Kiritani, K
77. JATAES Tokyo-to Agricultural Experiment Station 3-10 Fujimi-cho
Tachikawa Tokyo Japan
Kawai, S
78. JATNAES Tohoku Natl Agriculture Exp Station Entomological Laboratory
Akahira 4, Shimo-Kuriyagawa Morioka, Iwate 020-01 Japan
Maeta, Y
79. JAUOP University of Osaka Prefecture Entomological Lab, College of Agric
Mozuumemachi Sakai City Osaka 591 Japan
Nishida, E
80. LE
Lebanon
Kawar, N
81. MOINRAA Inst Natl de la Recherche Agronomique Experimental Station
Achouria-Jorf-Erfoud Morocco
Fahri, E Farhi, E Nguidi, A
82. MOINRAR Inst Natl de la Recherche Agronomique
Rabat Morocco
Saidi, S
83. MPMA Ministry of Agr., Nat. Res. & Environ. Entomology Division
Reduit Mauritius
Monty, J
84. MTSUC Montana State University Western Agricultural Research Center
531 N E Quast Lane Corvallis MT 59828 USA
Story, J M
85. MXCIMMYT Ctr Intn de Mejoramiento de Maiz y Trigo Lisboa 27, Apdo Postal 6-641
Col. Juarez, Deleg. Cuauhtemoc Mexico City 06600 Distr. Fed. Mexico
Mihm, J A
86. MXINIA Instituto Nacional de Investig Agricolas Apartados 6-882 y 6-883
Mexico City 6 Distr Federal Mexico
Carrillo, J L
87. MYRRC Rice Research Center, MARDI Kepala Batas, Pulau Pinang
Bumbong Lima Pinang Malaysia
Chang, P-M

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PART A - Overseas Facilities and Explorers Involved, with Addresses

88. NGIRL Northern Grain Insects Research Lab ARS, USDA
RR 3 Brookings SD 57006 USA
Branson, T F Krysan, J L
89. NJRU Rutgers University, Cook College Dept of Entomology & Economic Zoology
State University of New Jersey New Brunswick NJ 08903 USA
Lashomb, J H
90. NO Norway
Hagvar, E
91. NYAESG New York State Agr Experiment Station
Geneva NY 14456 USA
Riedl, H
92. NZDSIRN Dept Sci & Indust Res - Entomology Div Nelson Station
Goddards Lane, Havelock North Hawkes Bay New Zealand
Wearing, C H
93. OARDC Ohio Agricultural Res & Development Ctr Department of Entomology
Ohio State University Wooster OH 44691 USA
Rubink, W L
94. PABFB Pennsylvania Bureau of Forestry, DER Division of Forest Pest Management
P.O. Box 61 Blain PA 17006 USA
Ticehurst, M
95. PDRL Plant Disease Research Laboratory ARS, USDA
P.O. Box 1209 Frederick MD 21701 USA
Emge, R G Politis, D J Turner, S K
96. PEUNSA Universidad Nacional de San Antonio Abad del Cuzco
Apartado 607, Correo Centro Cuzco Peru
Arestegui, A
97. SCCU Clemson University Dept. Entomology, Fisheries & Wildlife
Clemson SC 29631 USA
Carner, G R Shepard, B M
98. SCCUE Clemson University Edisto Experiment Station
P.O. Box 247 Blackville SC 29817 USA
Turnipseed, S G
99. SFCIML Southern Field Crop Insect Managemnt Lab ARS, USDA
Delta States Research Ctr, P O Box 225 Stoneville MS 38776 USA
Jones, W A

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PART A - Overseas Facilities and Explorers Involved, with Addresses

100. SFPPRIIP Plant Protection Research Institute Department of Agriculture & Fisheries
Agr Bldgs, Beatrix St, Private Bag X134 Pretoria South Africa
Hamburg, H V
101. SFPPRIS Plant Protection Research Institute Winter Rainfall Region
Department of Agriculture & Fisheries Stellenbosch South Africa
Neser, S
102. SFUNWRI Wattle Research Institute University of Natal
P. O. Box 375, 3200 Pietermaritzburg South Africa
Borthwick, R B
103. SPINIAC Inst Nac de Investigaciones Agrarias I.N.I.A., C.R.I.D.A.
Apartado de Correos 240 Cordoba 14080 Spain
Vargas, P
104. SPINIAV Inst Nac de Investigaciones Agrarias Centro Reg Lab de Inv y Desarrollo Agr 5
Crida 05, Apartado 733 Valladolid Spain
Asensio, E
105. SZETH Eidgenossische Technische Hochschule Institut fur Phytomedizin
Zentrum/LFW Zurich CH8092 Switzerland
Schubiges, F X Sedlar, L Vonmoos, R
106. SZFLP Forschungsanstalt fur Landw. Pflanzenbau Reckenholzstrasse 191/211
Zurich 8045 Switzerland
Keller, S
107. TAMU Texas A&M University Department of Entomology
College Station TX 77843 USA
Cate, J R Cocke, W M Krauter, P C
Smith, J W Stansly, P A Steck, G J
Williams, D W
108. TAMUD Texas A&M University Res & Ext Ctr Research and Extension Center at Dallas
17360 Coit Road Dallas TX 75252 USA
Schuster, M F
109. TFVRL Tropical Fruit & Vegetable Res Lab ARS, USDA
P O Box 2280 Honolulu HI 96804 USA
Wong, T T Y
110. THDA Department of Agriculture Entomology and Zoology Division
Bangkok 9 Thailand
Supharngkasen, P
111. THKKU Khon Kaen University Department of Plant Protection
Khon Kaen Thailand
Kiratikasikorn, M

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123. UMD	University of Maryland Department of Entomology College Park MD 20740 USA Arestegui, A	Giron, A	
124. URAIPQ	All-Union Institute for Plant Quarantine Ministry of Agriculture Orlikov per. 1/11 Moscow 107139 USSR Buleza, V V Kusnetsov, V N	Jershova, N I Kuznetsov, V N	Kravchenko, M A Maximowa, W I
125. URI	University of Rhode Island Department of Plant Pathology-Entomology Kingston RI 02881 USA Casagrande, R A	Drummond, F	Logan, P A
126. URZI	Zoological Institute USSR Academy of Sciences Leningrad 199164 USSR Kovalev, O V		
127. USHRL	U.S. Horticultural Research Laboratory ARS, USDA 2120 Camden Road Orlando FL 32803 USA Schroeder, W J	Sutton, R A	
128. UTSU	Utah State University Dept. of Biology Logan UT 84322 USA Hsiao, T H		
129. VPI	Virginia Polytechnic Inst & State Univ Department of Entomology Blacksburg VA 24061 USA Kosztarab, M		
130. VTERL	Veterinary Toxicology & Entomol Res Lab ARS, USDA P. O. Drawer GE College Station TX 77841 USA Fincher, G T		
131. YARL	Yakima Agricultural Research Laboratory ARS, USDA 3706 West Nob Hill Blvd Yakima WA 98902 USA Chauvin, R		
132. YOIACKR	Inst Adriatic Cult & Karst Reclamation Department of Plant Protection Split Yugoslavia Tominic, A		

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PART B - Quarantine Facilities, Listed Alphabetically by acronym, with Addresses and Quarantine Officers

- | | | |
|------------------------|---|--|
| 1. BBSL | Bee Biology and Systematics Lab ARS, USDA
Utah State University Logan UT 84322 USA | D. F. Viers, Quarantine Officer |
| 2. BCIRL | Biological Control of Insects Res Lab ARS, USDA
Research Park, P.O. Box A Columbia MO 65205 USA | B. Puttler, Quarantine Officer |
| 3. BCWRL | Biological Control of Weeds Research Lab ARS, USDA
1050 San Pablo Ave Albany CA 94706 USA | A. H. Krueger, Quarantine Officer |
| 4. BIIL-PPQ | Plant Germplasm Quarantine Center APHIS-PPQ, USDA (c/o BIIL)
Bldg. 320, BARC-East Beltsville MD 20705 USA | |
| 5. BIRL | Beneficial Insects Research Laboratory ARS, USDA
501 South Chapel Street Newark DE 19713 USA | L. R. Ertle, Quarantine Officer |
| 6. FBCL | Florida Biological Control Laboratory Division of Plant Industry, FDACS
P.O. Box 1269 Gainesville FL 32602 USA | C. A. Bennett, Quarantine Officer |
| 7. GSWRL | Grassland, Soil and Water Research Lab ARS, USDA
P.O. Box 748 Temple TX 76501 USA | P. E. Boldt, Quarantine Officer |
| 8. HDA | Hawaii Department of Agriculture 1428 South King Street
Honolulu, Oahu HI 96814 USA | G. Y. Funasaki, Quarantine Officer |
| 9. IPRU | Insect Pathology Research Unit (& ARSEF) ARS, USDA
c/o Boyce Thompson Inst, Cornell Univ Ithaca NY 14853 USA | R. A. Humber, Quarantine Officer |
| 10. PDRL | Plant Disease Research Laboratory ARS, USDA
P.O. Box 1209 Frederick MD 21701 USA | W. L. Bruckart, Quarantine Officer |
| 11. SRQF | Stoneville Research Quarantine Facility ARS, USDA
P.O. Box 225 Stoneville MS 38776 USA | J. E. Powell/W. W. Harrison, Quarantine Officers |
| 12. TAMU ^{1/} | Texas A&M University Department of Entomology
College Station TX 77843 USA | W. A. Wharton/J. P. Cuda, Quarantine Officers |
| 13. UCB | University of California, Berkeley Division of Biological Control
Department of Entomology Albany CA 94706 USA | J. Hamai, Quarantine Officer |
| 14. UCD | University of California, Davis Department of Entomology
Davis CA 95616 USA | L. E. Ehler, Quarantine Officer |
| 15. UCR | University of California, Riverside Division of Biological Control
Department of Entomology Riverside CA 92521 USA | M. E. Badgley, Quarantine Officer |
| 16. UFGPPD | Plant Pathology Department University of Florida
Gainesville FL 32611 USA | R. Charudattan, Quarantine Officer |

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PART B - Quarantine Facilities, Listed Alphabetically by acronym, with Addresses and Quarantine Officers

- | | | |
|-----------|---|--|
| 17. VPI | Virginia Polytechnic Inst & State Univ Department of Entomology
Blacksburg VA 24061 USA | L. T. Kok, Quarantine Officer |
| 18. VTERL | Veterinary Toxicology & Entomol Res Lab ARS, USDA
P. O. Drawer GE College Station TX 77841 USA | R. R. Blume/G. T. Fincher, Quarantine Officers |

1/ Records in the ROBO database for importations, consignments and shipments from quarantine, and non-quarantine shipments and field releases for this facility are incomplete.

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PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

1	AEI	American Entomological Institute	Ann Arbor	MI	USA		
		Townes, H					
2	APL	Asian Parasite Laboratory, ARS, USDA	Sapporo, Hokkaido	062	Japan		
		Schaefer, P W					
3	APML	Aquatic Plant Management Laboratory	Fort Lauderdale	FL	USA		
		Center, T D					
4	AUUG	University of Graz	Graz	Austria			
		Kaiser, H					
5	AWCRL	Aquatic Weeds Control Research Lab	Davis	CA	USA		
		Anderson, L W					
6	BBSL	Bee Biology and Systematics Lab	Logan	UT	USA		
		Parker, F D				Torchio, P F	
7	BCIL	Biological Control of Insects Laboratory	Tucson	AZ	USA		
		Debolt, J W					
8	BCIRL	Biological Control of Insects Res Lab	Columbia	MO	USA		
		Puttler, B					
9	BCWLE	Biological Control of Weeds Lab, Europe	Rome	Italy			
		Rizza, A					
10	BCWRL	Biological Control of Weeds Research Lab	Albany	CA	USA		
		Andres, L A				Dunn, P H	Johnson, G R
		Krueger, A H				Maddox, D M	Mayfield, A
		Pemberton, R W					
11	BEL	Boyden Entomology Laboratory	Riverside	CA	USA		
		Tanigoshi, L K					
12	BIIL	Beneficial Insect Introduction Lab	Beltsville	MD	USA		
		Batra, S W T				Hung, A C F	Schroder, R F W
13	BIRL	Beneficial Insects Research Laboratory	Newark	DE	USA		
		Angalet, G W				Dysart, R J	Ertle, L R
		Fuester, R W				Hendrickson, R M	Schaefer, P W
		Swan, K S				Taylor, P B	Tropp, J M
14	BFBM	Bernice P Bishop Museum	Honolulu	HI	USA		
		Goff, M L					

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15	BPCRU	Biological Pest Control Research Unit Buckingham, G R	Gainesville FL USA	
16	CABCSP	Biological Control Services Program Rezark, L G Villegas, B	Sacramento CA USA Casanave, K A	Joley, D B
17	CAUGON	University of Guelph Heraty, J M	Guelph ON N1G 2W1 Canada	
18	CDABRI	Biosystematics Research Institute Yoshimoto, C M	Ottawa ON K1A 0C6 Canada	
19	CDAOON	Ottawa Research Sta, Canada Agriculture Loan, C C	Ottawa ON K1A 0C6 Canada	
20	CEJFL	U.S. Army Corps of Engineers District Dupes, J M	Jacksonville FL USA	
21	CEVMS	U.S. Army Corps of Engineers Cofrancesco, A F	Vicksburg MS USA	
22	CFSSSMON	Canadian Forestry Service Lyons, L A	Sault Ste. Marie ON P6A 5M7 Canada	
23	CIBCIS	Commonwealth Inst of Biological Control Ramaseshiah, G	Bangalore 560 024 India	
24	CIBCPS	Commonwealth Inst of Biological Control Siddiqui, R K	Rawalpindi Pakistan	
25	CIE	Commonwealth Institute of Entomology Subba Rao, B R	London SW7 5JR UK	
26	CIRLTX	Cotton Insects Research Laboratory Morrison, R K	College Station TX USA	
27	CODA	Colorado Department of Agriculture Mowrer, K E	Palisade CO USA Nees, D M	Stahl, F J
28	COLL	X ? MT USA X, X		
29	COMJJHNE	J J Holmes Holmes, J J	Arcadia NE USA	

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30	CSIROC	Commonwealth Sci & Indus Res Org McInnes, R S	Canberra City	A C T	Australia	
31	CTAES	Connecticut Agr. Expt. Station Weseloh, R M	New Haven	CT	USA	
32	EPL	European Parasite Laboratory, ARS, USDA Gruber, F	Sevres 92310		France	
33	FBCL	Florida Biological Control Laboratory Bennett, C A	Gainesville	FL	USA	
34	FNCL	Florist & Nursery Crops Laboratory Rivnay, T	Beltsville	MD	USA	
35	FSCOR	Forestry Sciences Laboratory Ryan, R B	Corvallis	OR	USA	
36	FSHCT	Forest Insect and Disease Laboratory Wallner, W E	Hamden	CT	USA	
37	FSPOR	Forest Pest Management, Pacific NW Reg. Pettinger, L F	Portland	OR	USA	
38	FSRTPNC	Forestry Sciences Laboratory Drooz, A T	Research Triangle Pk	NC	USA	
39	GUUG	University of Guam Nechols, J R	Mangilao	GU	Guam-USA	
40	HDA	Hawaii Department of Agriculture Conant, P Lai, P Y Teramoto, K K	Honolulu, Oahu	HI	USA	Kumashiro, B R Otsuka, C K
41	HDAH	Hawaii Department of Agriculture Yoshioka, E R	Hilo, Hawaii	HI	USA	
42	HDAK	Hawaii Department of Agriculture Sugawa, D T	Lihue, Kauai	HI	USA	
43	HDAM	Hawaii Department of Agriculture Miyahira, N	Kahului, Maui	HI	USA	
44	HNHM	Hungarian Natural History Museum Endrody, S	Budapest		Hungary	

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45	IAMARL	Insects Affecting Man & Animals Res Lab	Gainesville	FL	USA	
		Morgan, P B				
46	INPU	Purdue University	West Lafayette	IN	USA	
		Flanders, R V				
47	JANFTES	Nagano Fruit Tree Experiment Station	Nagano, Honshu	Japan		
		Kitamura, T				
48	LSU	Louisiana State University	Baton Rouge	LA	USA	
		Boethel, D J				
49	MDDA	Maryland Department of Agriculture	College Park	MD	USA	
		Cantwell, M A			Tichenor, R H	
50	MODA	Missouri Department of Agriculture	Jefferson City	MO	USA	
		Puttler, B				
51	MTSUC	Montana State University	Corvallis	MT	USA	
		Story, J M				
52	NCDA	North Carolina Department of Agriculture	Raleigh	NC	USA	
		Nalepa, C A				
53	NHDA	New Hampshire Department of Agriculture	Concord	NH	USA	
		Durkis, T J				
54	NJDA	New Jersey Department of Agriculture	Trenton	NJ	USA	
		Chianese, R J			Garrison, G	Palmer, D J
55	NL	Nematology Laboratory	Beltsville	MD	USA	
		Nickle, W R				
56	OHSU	Ohio State University	Columbus	OH	USA	
		Johnson, N F				
57	OKSU	Oklahoma State University	Stillwater	OK	USA	
		Eikenbary, R D				
58	ORDA	Oregon Department of Agriculture	Salem	OR	USA	
		Hawkes, R B				
59	PABF	Pennsylvania Bureau of Forestry, DER	Middletown	PA	USA	
		Fusco, R A			Quimby, J W	

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60	PPQBMD	APHIS, PPQ, Cooperative Mexican Bean Smith, H T	Beltsville MD USA	
61	PPQMTX	National Biological Control Center Wendel, L E	Mission TX USA	
62	PPQNMI	Biological Control Satellite Facility Burger, T L	Niles MI USA Montgomery, V E	
63	PPQOMA	Otis Methods Development Center Forrester, O T	Otis ANGB MA USA	
64	RIL	Rangeland Insect Laboratory, ARS, USDA Rees, N E	Bozeman MT USA	
65	SCCUE	Clemson University Blackville McCutcheon, G S	SC USA	Turnipseed, S G
66	SEL	Systematic Entomology Laboratory Burks, B D Gordon, R D Marsh, P M Schauff, M E White, R E	Beltsville MD USA	Carlson, R W Grissell, E E Menke, A S Shaw, S R Wirth, W W Gagné, R J Henry, T J Sabrosky, C W Smiley, R L
67	SFCIML	Southern Field Crop Insect Managemnt Lab Jones, W A	Stoneville MS USA	
68	SRQF	Stoneville Research Quarantine Facility Powell, J E	Stoneville MS USA	
69	TAMU	Texas A&M University College Station Cate, J R	TX USA	Smith, J W Wharton, R A
70	TFVRL	Tropical Fruit & Vegetable Res Lab Wong, T T Y	Honolulu HI USA	
71	THKU	Kasetsart University Bangkok 10900 Napompeth, B	Thailand	
72	UCB	University of California, Berkeley Caltagirone, L E Riedl, H	Albany CA USA	Dahlsten, D L Hagen, K S
73	UCBB	University of California, Berkeley Hoy, M A	Berkeley CA USA	

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74	UCD	University of California, Davis	Davis	CA	USA		
		Ehler, L E					
75	UCR	University of California, Riverside	Riverside	CA	USA		
		Federici, B A				Fisher, T W	Goeden, R D
		Gordh, G				Legner, E F	Luck, R F
		McMurtry, J A				Oatman, E R	Rose, M J
76	UFG	University of Florida	Gainesville	FL	USA		
		Munir, B				Sailer, R I	
77	UFH	University of Florida	Homestead	FL	USA		
		Waddill, V H					
78	UHI	University of Hawaii	Honolulu	HI	USA		
		Haramoto, F H					
79	UID	University of Idaho	Moscow	ID	USA		
		O'Keeffe, L E					
80	UMO	University of Missouri	Columbia	MO	USA		
		Kirkland, R L					
81	UNH	University of New Hampshire	Durham	NH	USA		
		Reeves, R M					
82	UWI	University of Wisconsin	Madison	WI	USA		
		Coppel, H C					
83	VADACS	VA Dept. of Agric. and Consumer Services	Richmond	VA	USA		
		Tate, J R					
84	VADACSVB	Virginia Dept. Agr. & Consumer Services	Virginia Beach	VA	USA		
		Craun, D W				Good, T M	Hayes, B A
85	VPI	Virginia Polytechnic Inst & State Univ	Blacksburg	VA	USA		
		Kok, L T				McAvoy, T	
86	VTERL	Veterinary Toxicology & Entomol Res Lab	College Station	TX	USA		
		Blume, R R				Fincher, G T	
87	WASU	Washington State University	Pullman	WA	USA		
		Piper, G L					
88	WASUP	Washington State University	Prosser	WA	USA		
		Pike, K S					

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89	WCRL	Western Cotton Research Laboratory Butler, G D	Phoenix	AZ	USA
90	WIDNR	Wisconsin Dept of Natural Resources Hall, D J	Fitchburg	WI	USA
91	WVDA	West Virginia Department of Agriculture Mason, T L	Inwood	WV	USA
92	YARL	Yakima Agricultural Research Laboratory Fye, R E	Yakima	WA	USA

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1. ?
Euverte, G
2. AAAA
Adams, A
3. AEI
American Entomological Institute 5950 Warren Road
Ann Arbor MI 48105 USA
Gupta, V Townes, H
4. ALAU
Auburn University Department of Zoology-Entomology
Auburn University AL 36849 USA
Harper, J D
5. APL
Asian Parasite Laboratory, ARS, USDA c/o Forest Research Institute
Chongnyangni, Tongdaemun-gu Seoul 131 Republic of Korea
Carlson, R W Chung, H
Ikebe, K Han, H Y
6. APML
Aquatic Plant Management Laboratory ARS, USDA
3205 S W 70th Avenue Fort Lauderdale FL 33314 USA
Center, T D
7. ARINTA
Inst Nacional de Tecnologia Agropecuaria Departamento de Patologia Vegetal
C. C. 25 Castelar 1712 Argentina
Crouzel, I S Enrique, A E
8. ARUNLP
Universidad Nacional de La Plata CEPAVE-UNLP
Calle 2, Nr 584 La Plata Buenos Aires 1900 Argentina
Liljestrohm, G Rossi, G C
9. ASAMRU
Army Malaria Research Unit
Ingleburn, Sydney New South Wales Australia
Sweeney, A W
10. ASPRI
Plant Research Institute Swan Street
Burnley Victoria Australia
Gagen, S
11. ASQDL
Queensland State Department of Lands Alan Fletcher Research Station
27 Magazine Street, P O Box 86 Sherwood, Brisbane Queensland 4075 Australia
Tomley, A J
12. ASQDPI
Queensland Dept of Primary Industries Meiers Road, Indooroopilly
Brisbane Queensland 4068 Australia
Turner, J W

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13. ASUQ	University of Queensland Department of Entomology St Lucia Queensland Australia Adams, G	Pyke, B	Stone, M
14. ASVDA	Victoria Department of Agriculture Melbourne Victoria Australia Field, R		
15. ASWARI	Waite Agricultural Research Institute University of Adelaide Adelaide South Australia Australia Morgan, F D		
16. AWCRL	Aquatic Weeds Control Research Lab ARS, USDA Robbins Hall, University of California Davis CA 95616 USA Anderson, L W		
17. BBBB	Baker, B		
18. BBSL	Bee Biology and Systematics Lab ARS, USDA Utah State University Logan UT 84322 USA Parker, F D	Torchio, P F	Viers, D F
19. BCIL	Biological Control of Insects Laboratory ARS, USDA 2000 East Allen Road Tucson AZ 85719 USA Debolt, J W	Graham, H M	
20. BCIRL	Biological Control of Insects Res Lab ARS, USDA Research Park, P.O. Box A Columbia MO 65205 USA Biever, K D	Long, S H	Puttler, B
21. BCWLE	Biological Control of Weeds Lab, Europe ARS, USDA Via Gastone Monaldi, 34 Rome 00128 Italy Clement, S L Rizza, A	Dunn, P H	Pecora, P
22. BCWLEGR	Biological Control of Weeds Lab, Europe Faculty of Agriculture, University Farm University of Thessaloniki (ARS, USDA) Thessaloniki Greece Sobhian, R		
23. BCWLSA	Biological Control of Weeds Lab, So.Amer ARS, USDA 1559 South Bolivar Hurlingham 1686 Argentina Briano, J A	Cordo, H A	Ferrer, R
24. BCWRL	Biological Control of Weeds Research Lab ARS, USDA 1050 San Pablo Ave Albany CA 94706 USA Andres, L A Maddox, D M Rosenthal, S S	Johnson, G R Mayfield, A Roy, J P	Krueger, A H Pemberton, R W Turner, C E

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35. BPCRU	Biological Pest Control Research Unit ARS, USDA 1911 SW 34th Street, P.O. Box 1269 Gainesville FL 32602 USA Buckingham, G R	Campfield, B	Passoa, S K
36. BR	? Brazil Moraes, G S		
37. BRESALQ	Escola Sup de Agricultura Luis Queiroz Piracicaba Sao Paulo Brazil Berti, E		
38. BRUFF	Universidade Federal do Parana Caixa Brazil Marioni, R		
39. BTINY	Boyce Thompson Institute Cornell University Tower Road Ithaca NY 14853 USA Daoust, R A	McCabe, D E	Roberts, D W
40. CA	? Canada Degroot, P		
41. CABCA	Ghirrardelli, A		
42. CABCDA	Butte County Dept of Agriculture 316 Nelson Ave P O Box 1229 Oroville CA 95965 USA Beneke, A Riley, H	Dodd, R	Mattoon, S
43. CABCSF	Biological Control Services Program California Dept of Food and Agriculture 3288 Meadowview Road Sacramento CA 95832 USA Bezark, L G Halstead, J Luna, G Villegas, B	Casanave, K A Hunter, C D Rey, E Waller, J	Esser, T Joley, D B Supkoff, D M
44. CABFON	Burland Farms, Ltd P.O. Box 5 Campbellville ON L0P 1B0 Canada Goutouski, B		
45. CACRAB	Citrus Research Advisory Board Los Angeles CA USA Hardison, A		

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46. CADFADPI California Dept of Food & Agriculture Division of Plant Industry
1220 N St Sacramento CA 95814 USA
Gill, R
47. CADUNS Dalhousie University Department of Microbiology
Sir Charles Tupper Medical Building Halifax NS B3K 5M2 Canada
Stoltz, D B
48. CAFCPD Fillmore Citrus Protection District
Fillmore CA 93015 USA
Farrar, C
49. CAKCDA Kern County Dept of Agriculture 2610 M St
Bakersfield CA 93302 USA
Poore, D
50. CAMCDA Mariposa County Dept of Agriculture P O Box 905
Mariposa CA 95338 USA
Parker, C
51. CAMCPQ McDonald Campus, McGill University Department of Plant Sciences
Ste Anne de Bellevue PQ H9X 1C0 Canada
Watson, A K
52. CAMCPQE McDonald Campus, McGill University Department of Entomology
Ste Anne de Bellevue PQ H9X 1C0 Canada
Gordon, D M
53. CASCDA Stanislaus County Dept of Agriculture 725 County Center Three Ct
Modesto CA 95355 USA
Beebout, G
54. CAUGON University of Guelph Department of Environmental Biology
Guelph ON N1G 2W1 Canada
Heraty, J M Laing, J E
55. CAVCDA Ventura County Dept of Agriculture 815 Santa Barbara St (Agricultural Bldg)
P O Box 889 Santa Paula CA 93060 USA
Runkle, D
56. CDABRI Biosystematics Research Institute Research Branch, Agriculture Canada
Central Experimental Farm Ottawa ON K1A 0C6 Canada
Masner, L Yoshimoto, C M
57. CDAHON Canada Dept Agr, Research Station Agriculture Canada
P O Box 370 Harrow ON N0R 1G0 Canada
Ben-Ze'ev, I

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58. CDARPS Canada Dept Agr, Res Progr Services Sect Research Branch, Canada Agriculture
Central Experimental Farm Ottawa ON K1A OC6 Canada
Kelleher, J S Williamson, G D
59. CDARSK Canada Dept Agr, Research Station Research Branch, Canada Agriculture
Box 440 Regina SK S4P 3A2 Canada
Harris, P
60. CDAVBC Canada Dept Agr, Research Station Research Branch, Agriculture Canada
6660 N W Marine Drive Vancouver BC V6T 1X2 Canada
Wilkinson, A T S
61. CDAWMB Canada Dept Agr, Research Station Research Branch, Canada Agriculture
195 Dafoe Road Winnipeg MB R3T 2M9 Canada
Morris, O N
62. CE ?
Sri Lanka
Kanagaratnam, P
63. CECSC U.S. Army Corps of Engineers District P.O. Box 919
Charleston SC 29402 USA
Carothers, J L
64. CEJFL U.S. Army Corps of Engineers District Aquatic Plant Operations Support Center
P.O. Box 4970 Jacksonville FL 32232 USA
Dupes, J M
65. CEMAL U.S. Army Corps of Engineers District P.O. Box 2288
Mobile AL 36628 USA
Eubanks, M J
66. CEODPSD U.S. Army Corps of Engineers-Omaha Distr South Dakota Area
P O Box 997 Pierre SD 57501 USA
Shea, M
67. CEONE U.S. Army Corps of Engineers 2718 North 123rd Circle
Omaha NE 68164 USA
Dunwoody, D
68. CEPSP U.S. Army Corps of Engineers Recreation Resource Branch
Pickstown SD 57364 USA
Daum, D
69. CEVMS U.S. Army Corps of Engineers Waterways Experiment Station
P.O. Box 631 Vicksburg MS 39180 USA
Cofrancesco, A F Stewart, R M

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70. CFSSSMON Canadian Forestry Service Great Lakes Forestry Centre
P.O. Box 490 Sault Ste. Marie ON P6A 5M7 Canada
Perry, D F Tyrrell, D
71. CH ?
China (PRC)
Li, H-K
72. CHCAAS Chinese Academy of Agricultural Sciences Biological Control Laboratory
30, Bai Shi Qiao Road, West Suburbs Beijing China (PRC)
Qiu, S Wu, W Zheng, Y
Zhu, J
73. CHGIE Guangdong Institute of Entomology
Guangzhou Guangdong Prov China (PRC)
Li, L
74. CHHIM Institute of Microbiology
Jingzhou District Hubei Prov China (PRC)
Zhou, L
75. CHHIV Institute of Virology Chinese Academy of Sciences (CAS)
Wuhan Hubei Prov China (PRC)
Tsai, N Zhang, K
76. CHIZ Institute of Zoology Chinese Academy of Sciences
Beijing China (PRC)
Chen, T Wu, Z
77. CHSIE Shanghai Institute of Entomology Chinese Academy of Sciences (CAS)
Shanghai China (PRC)
Zhu, G K
78. CIBCES Commonwealth Inst of Biological Control European Station
1, Chemin des Grillons Delemont CH-2800 Switzerland
Carl, K P
79. CIBCESAU Commonwealth Inst of Biological Control European Station, Austrian Substation
Inprugg 35 A-3040 Neulengbach Austria
Heidecker, L
80. CIBCIS Commonwealth Inst of Biological Control Indian Station, Post Bag 2484
Hebbal Agricultural Farm, P.O. Bangalore 560 024 India
Ramaseshiah, G
81. CIBCKS Commonwealth Inst of Biological Control Kenya Station, c/o Kenya Agr Res Inst
P O Box 30148 Nairobi Kenya
Ingram, W R Markham, R H

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82. CIBCPS	Commonwealth Inst of Biological Control Murree Road, P. O. Box 8 Rawalpindi Pakistan	Ahmad, B Khan, A G Qazi, A S	Pakistan Station (PARC-CIBC) Cheema, M A Mohyuddin, A I Shah, S	Hanif, M Munawar, M S Siddiqui, R K
83. CIBCUK	Commonwealth Inst of Biological Control Ascot, Berks SL5-7PY United Kingdom	O'Donnell, J D	Imperial College, Silwood Park	
84. CIBCWIS	Commonwealth Inst of Biological Control Gordon Street Curepe, Trinidad	Bennett, F D	West Indian Station Trinidad & Tobago	Cock, M J W
85. CIE	Commonwealth Institute of Entomology 56, Queen's Gate London SW7 5JR UK	Subba Rao, B R	Commonwealth Agricultural Bureaux (CAB)	
86. CIRLTX	Cotton Insects Research Laboratory P O Drawer DG College Station TX 77840 USA	Lopez, J D	ARS, USDA	Morrison, R K
87. CODA	Colorado Department of Agriculture P O Box 400 Palisade CO 81526 USA	Marko, L Nees, D M	Div Plant Industry, Biol Control Sect	Merlino, A J Stahl, F J Mowrer, K E
88. COICA	Instituto Colombiano Agropecuario Apartado Aereo 151123, Eldorado Bogota Colombia	Lopez, A	Tibaitata	Rodriguez Sierra, D A Vasquez Romero, B
89. COICAP	Instituto Colombiano Agropecuario (ICA) Palmira Colombia	Garcia, F		
90. COLL	X ? (private collector) ? MT USA	X, X		
91. COMB	Biosys 1057 East Meadow Circle Palo Alto CA 94303 USA	X		
92. COMCI	Colorado Insectary Durango CO 81301 USA	Evans, J S	P O Box 3266	

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93. COMJHNE J J Holmes R Rt 1, Box 179
Arcadia NE 68815 USA
Holmes, J J
94. COMKL Koppert (UK) Ltd P O Box 43
Tunbridge Wells Kent United Kingdom
Lawlor, R G
95. CORB R Broda 513 Sunrise Lane
Fort Collins CO 80521 USA
Broda, R
96. COSURF Arkansas Valley Experiment Station Colorado State University
Rocky Ford CO 81067 USA
Schweissing, F C
97. CSIROB Commonwealth Sci & Indus Res Org CSIRO Long Pocket Laboratories
Private Bag No. 3 Indooroop., Brisbane Queensland 4068 Australia
Kassulke, R C
98. CSIROC Commonwealth Sci & Indus Res Org Division of Entomology
G P O Box 1700 Canberra City A C T 2601 Australia
McInnes, R S Milner, R J
99. CSIROM Commonwealth Sci & Indus Res Org CSIRO Biological Control Unit
335 Avenue Abbe Paul Parguel 34100 Montpellier France
Aeschlimann, J P
100. CSOIRSA Org Internac Reg de Sanidad Agropecuaria Lab de Investigaciones Biologicas, OIRSA
San Jose Costa Rica
Fischel-M, M
101. CTAES Connecticut Agr Expt Station Department of Entomology
123 Huntington Street, Box 1106 New Haven CT 06504 USA
Anderson, J F Erny, R McClure, M S
Weseloh, R M
102. CZIE Institute of Entomology Czechoslovakian Academy of Sciences
Branisovska 31 Ceske Budejovice 37005 Czechoslovakia
Stary, P
103. DAZI Zoologisk Institut ?
? Denmark
Eilenberg, J
104. DCGU Georgetown University Department of Biology
1400 37th Street, N.W. Washington DC 20057 USA
Nematollahi, W

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105. DEDA Delaware Department of Agriculture Drawer D
Dover DE 19903 USA
Harrison, L
106. ECMA Ministry of Agriculture Programa Nac del Algodon y Oleaginosas
Apartado 5265 Guayaquil Ecuador
Paladines, C
107. ECUG University of Guayaquil Facultad de Ciencias Agrarias
Apartado 8488 Guayaquil Ecuador
Escobar, J
108. EGCU Cairo University Department of Economic Entomology
Faculty of Agriculture Giza Egypt
Rashad, S E
109. EMBRAPAG EMBRAPA CNPAF
Goiania Goias Brazil
Edson-de-Araujo, F Ferreira, E Martins/Santos, S
Pereira Rios, G Pratangil, J Saraiva Teixeira, L
Tanaka, Y Yokoyama, M de Silva Carneiro, J
110. EMBRAPAP EMBRAPA Centro Nacional de Pesquisa de Trigo
Caixa Postal 569 99.100 Passo Fundo Rio Grande Sul Brazil
Tambasco, F J
111. EPL European Parasite Laboratory, ARS, USDA 47 rue des Fontenelles
Sevres 92310 France
Blanchot, P Chen, K H Coutinot, D
Friedman, R Gruber, F Hedlund, R C
Hérard, F Hoyer, H Mercadier, G
Perkins, B D
112. EPLINRA European Parasite Laboratory Cooperator c/o Inst Natl de Recherche Agronomique
Sta Rech de Lutte Biologique, La Miniere 78280 Guyancourt France
Soares, G G
113. FAMU Florida A & M University Agricultural Sciences
Tallahassee FL 32307 USA
O'Brien, C W
114. FBCL Florida Biological Control Laboratory Division of Plant Industry, FDACS
P.O. Box 1269 Gainesville FL 32602 USA
Bennett, C A
115. FLDPI Division of Plant Industry Florida Dept. of Agr. & Consumer Serv.
P.O. Box 1269 Gainesville FL 32602 USA
Nguyen, R Stange, L A

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116. FLDPIFL Div Plant Industry, Citrus Blackfly Fac Florida Dept Agr and Consumer Services
P O Box 16090 Fort Lauderdale FL 33318 USA
McCluskie, J D
117. FNCL Florist & Nursery Crops Laboratory ARS, USDA
Bldg. 470, BARC-East Beltsville MD 20705 USA
Rivnay, T Rosen, D
118. FR? France?
Jolivet, P
119. FRINRAA Inst Natl de la Recherche Agronomique Station de Rech de Zool & de Lutte Biol
37, bd du Cap - B P 78 Antibes 06602 France
Pintureau, B Voegele, J
120. FRINRAG Inst Natl de la Recherche Agronomique Station de Rech de Lutte Biologique
La Miniere Guyancourt 78280 France
Marchal, M
121. FRIPP Institut Pasteur
Paris 75015 France
Latge, J P
122. FRRU Forage and Range Research Unit ARS, USDA, c/o Department of Agronomy
University of Nebraska, East Campus Lincoln NE 68583 USA
Manglitz, G R Stevens, H J
123. FSANC Forest Pest Management, Region 8 Forest Service, USDA
Shady Oak and Iris Drive Asheville NC 28803 USA
Huber, C M Wilson, R
124. FSANV Forest Service, USDA P O Box 130
Austin NV 89310 USA
Nix, G
125. FSCOR Forestry Sciences Laboratory Pacific NW Forest & Range Expt. Station
Forest Service, USDA, 3200 Jefferson Way Corvallis OR 97331 USA
Ryan, R B
126. FSEMT Forest Service, USDA
Ennis MT 59729 USA
Feiblinger, N Lindsey, V L
127. FSFAK Institute of Northern Forestry USDA, FS
Fairbanks AK 99701 USA
Thompson, C

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128. FSHCT Forest Insect and Disease Laboratory Northeastern Forest Experiment Station
Forest Service, USDA, 51 Mill Pond Road Hamden CT 06514 USA
Grinberg, P S Wallner, W E
129. FSMUT Forest Service, USDA Wasatch National Forest
Manila UT 84044 USA
Larson, B
130. FSOUT Forest Service, USDA Intermountain Forest & Range Expt Sta
507 25th Street Ogden UT 84401 USA
Curtis, D Schmitz, R F
131. FS RTPNC Forestry Sciences Laboratory Southeastern Forest Experiment Station
Forest Service, USDA, P.O. Box 12254 Research Triangle Pk NC 27709 USA
Drooz, A T
132. FSSLMT Forest Service, USDA Drawer G
Seeley Lake MT 59868 USA
Blackburn, J
133. FSYWA U.S. Forest Service Forest Service, USDA
Yakima WA 98901 USA
Lattonius, S
134. FWSPSD Fish and Wildlife Service, USDI P O Box 250
Pierre SD 57501 USA
Good, J
135. GAAESE Georgia Agricultural Experiment Station
Experiment GA 30212 USA
Tippins, H H
136. GADNR Georgia Department of Natural Resources Game and Fish Divison
Rt 1, Box 547 Fitzgerald GA 31750 USA
Stephens, C
137. GEUW Universitat der Wurzburg Institut der Zoologie
Wurzburg Germany (West)
Horstmann, K
138. GRA 26 Gounaris St
Amaroussion Greece
Politis (Mrs), D J
139. GRBI Benaki Institute
Athens Greece
Pantidou, M Yannitsaros, V

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140. GSWRL Grassland, Soil and Water Research Lab ARS, USDA
P.O. Box 748 Temple TX 76501 USA
Boldt, P E

141. HDA Hawaii Department of Agriculture 1428 South King Street
Honolulu, Oahu HI 96814 USA
Burkhart, R M Conant, P Funasaki, G Y
Heu, R A Kumashiro, B R Lai, P Y
Murai, K T Nagamine, W T Otsuka, C K
Teramoto, K K

142. HDAH Hawaii Department of Agriculture Plant Pest Control Branch
16-E Lanikaula Street Hilo, Hawaii HI 96720 USA
Yoshioka, E R

143. HDAK Hawaii Department of Agriculture Plant Pest Control Branch
3060 Eiwa Street Lihue, Kauai HI 96766 USA
Sugawa, D T

144. HDAM Hawaii Department of Agriculture Plant Pest Control Branch
635 Mua Street Kahului, Maui HI 96732 USA
Miyahira, N

145. HHNHS Herbert Hoover National Historic Site P O Box 607
West Branch IA 52358 USA
Deets, T Saunders, R

146. HNHM Hungarian Natural History Museum (Termesztudományi Múzeum)
Budapest Hungary
Endrody, S

147. HURIPP Research Institute of Plant Protection Herman Otto u. 15
Budapest II - 1525 Hungary
Kozar, F

148. IADA Iowa Department of Agriculture Wallace Building
East Nineth and Grand Streets Des Moines IA 50319 USA
Campbell, J W Carlson, C E Stoltenow, C R

149. IAMARL Insects Affecting Man & Animals Res Lab ARS, USDA
1600 SW 23rd Drive Gainesville FL 32604 USA
Hogsette, J A Patterson, R S

150. IASUEXT Iowa State University, Extension
Ames IA 50011 USA
Buske, M C Greene, B

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175. JAUOP University of Osaka Prefecture Entomological Lab, College of Agric
Mozuumemachi Sakai City Osaka 591 Japan
Nishida, E
176. KS-1 COMJJHNE Business Customer #3
Centralia KS 66415 USA
Bus.Customer, JJH
177. KS-2 COMJJHNE Business Customer #7
Clyde KS 66938 USA
Bus.Customer, JJH
178. KS-3 COMJJHNE Business Customer #34
Cuba KS 66940 USA
Bus.Customer, JJH
179. KS-4 COMJJHNE Business Customer #35
Agenda KS 66930 USA
Bus.Customer, JJH
180. KS-5 COMJJHNE Business Customer #36
Ames KS 66931 USA
Bus.Customer, JJH
181. KSDWH D W Hight Rt 2, Box 314
Pittsburg KS 66762 USA
Hight, D W
182. KSKLCA K Smallenburg Faye Ranch
Knights Landing CA 95645 USA
Smallenburg, K
183. KSSBA Kansas State Board of Agriculture Plant Health Division, Entomology
109 SW 9th Street Topeka KS 66612 USA
Hilbert, B
184. KSSBABC Kansas State Board of Agriculture Route 2
Baldwin City KS 66006 USA
White, S C
185. KSSBAG Kansas State Board of Agriculture 222 E Iowa
Greenburg KS 67054 USA
Salsbury, G A
186. KSSU Kansas State University Department of Entomology
Manhattan KS 66506 USA
Horber, E K

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187. LIRU	Livestock Insects Research Unit ARS, USDA, c/o Dept of Entomology University of Nebraska, East Campus Lincoln NE 68583 USA Petersen, J J	
188. LSU	Louisiana State University Department of Entomology Baton Rouge LA 70893 USA Boethel, D J	Johnson, S J Yanes, J
189. MDDA	Maryland Department of Agriculture Plant Industries & Pest Management 50 Harry S Truman Parkway Annapolis MD 21401 USA Cantwell, M A	Malan, S C Raver, R
190. MDDAF	Maryland Department of Agriculture 374 Fairhill Drive Fairhill Elkton MD 21921 USA Tatman, R	
191. MDLM	L Monticello 1495 Waterbury Road Crownsville MD 21032 USA Monticello, L	
192. MIBB	B Buchner Harrisville MI 48740 USA Buchner, B	
193. MISU	Michigan State University Department of Entomology East Lansing MI 48824 USA Mullin, C	
194. MISUEXT	Michigan State University Cooperative Extension Service East Lansing MI 48824 USA Clark, R J	Graham, G McManus, G
195. MO-1	COMJHNE Business Customer #4 Gallatin MO 64640 USA Bus.Customer, JJH	
196. MO-2	COMJHNE Business Customer #37 Bowling Green MO 63334 USA Bus.Customer, JJH	
197. MO-3	COMJHNE Business Customer #38 New London MO 63459 USA Bus.Customer, JJH	
198. MO-4	COMJHNE Business Customer #39 Center MO 63436 USA Bus.Customer, JJH	

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199. MO-5 COMJHNE Business Customer #40
Saverton MO 63467 USA
Bus.Customer, JJH

200. MO-6 COMJHNE Business Customer #41
Hannibal MO 63401 USA
Bus.Customer, JJH

201. MODA Missouri Department of Agriculture Division of Plant Industries
P.O. Box 630 Jefferson City MO 65102 USA
Burgess, L P Carmichael, O E Francka, J E

202. MODAS Missouri Department of Agriculture P.O. Box 67
Sikeston MO 63281 USA
Hanning, L

203. MOINRAA Inst Natl de la Recherche Agronomique Experimental Station
Achouria-Jorf-Erfoud Morocco
Farhi, E

204. MOINRAR Inst Natl de la Recherche Agronomique
Rabat Morocco
Saidi, S

205. MPMA Ministry of Agr., Nat. Res. & Environ. Entomology Division
Reduit Mauritius
Monty, J

206. MSDWC Mississippi Dept. Wildlife Conservation P.O. Box 451
Jackson MS 39205 USA
Barkley, H Pittman, W

207. MTGS G Shaw
Phillipsburg MT 59858 USA
Shaw, G

208. MTHS H Schiele (Mrs) 382 Burnt Hollow Road
Deer Lodge MT 59722 USA
Schiele, H

209. MTJCR J C Raser 2425 Mullan Road
Missoula MT 59802 USA
Raser, J C

210. MTSUC Montana State University Western Agricultural Research Center
531 N E Quast Lane Corvallis MT 59828 USA
Story, J M

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222. NE-11 COMJHNE Business Customer #14
Palmer NE 68864 USA
Bus.Customer, JH

223. NE-17 COMJHNE Business Customer #20
Niobrara NE 68760 USA
Bus.Customer, JH

224. NE-19 COMJHNE Business Customer #22
Spalding NE 68665 USA
Bus.Customer, JH

225. NE-20 COMJHNE Business Customer #20
Ericson NE 68637 USA
Bus.Customer, JH

226. NE-21 COMJHNE Business Customer #24
Silver Creek NE 68663 USA
Bus.Customer, JH

227. NE-22 COMJHNE Business Customer #25
St Paul NE 68873 USA
Bus.Customer, JH

228. NE-23 COMJHNE Business Customer #26
Wolbach NE 68882 USA
Bus.Customer, JH

229. NE-24 COMJHNE Business Customer #27
Ashton NE 68817 USA
Bus.Customer, JH

230. NE-25 COMJHNE Business Customer #28
Cedar Rapids NE 68627 USA
Bus.Customer, JH

231. NE-26 COMJHNE Business Customer #29
Tilden NE 68781 USA
Bus.Customer, JH

232. NE-27 COMJHNE Business Customer #30
Edgar NE 68935 USA
Bus.Customer, JH

233. NE-28 COMJHNE Business Customer #31
Cotesfield NE 68829 USA
Bus.Customer, JH

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234. NE-29 COMJJHNE Business Customer #32
 Callaway NE 68825 USA
 Bus.Customer, JJH

235. NE-3 COMJJHNE Business Customer #5
 Center NE 68724 USA
 Bus.Customer, JJH

236. NE-30 COMJJHNE Business Customer #33
 Oconto NE 68860 USA
 Bus.Customer, JJH

237. NE-31 COMJJHNE Business Customer #42
 Albion NE 68620 USA
 Bus.Customer, JJH

238. NE-32 COMJJHNE Business Customer #43
 Oakdale NE 68761 USA
 Bus.Customer, JJH

239. NE-33 COMJJHNE Business Customer #44
 Beaver City NE 68926 USA
 Bus.Customer, JJH

240. NE-34 COMJJHNE Business Customer #45
 Blue Hill NE 68930 USA
 Bus.Customer, JJH

241. NE-35 COMJJHNE Business Customer #46
 West Point NE 68788 USA
 Bus.Customer, JJH

242. NE-36 COMJJHNE Business Customer #47
 Ravenna NE 68869 USA
 Bus.Customer, JJH

243. NE-5 COMJJHNE Business Customer #8
 Table Rock NE 68447 USA
 Bus.Customer, JJH

244. NE-7 COMJJHNE Business Customer #10
 Gothenburg NE 69138 USA
 Bus.Customer, JJH

245. NEDHT D H Tracy
 Ponca NE 68770 USA
 Tracy, D H

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246. NGIRL Northern Grain Insects Research Lab ARS, USDA
 RR 3 Brookings SD 57006 USA
 Branson, T F Jackson, J J Krysan, J L
247. NHDA New Hampshire Department of Agriculture State Lab Bldg., Lab D, Hazen Drive
 (also RFD 1, Box 45, Laconia, NH 03246) Concord NH 03301 USA
 Durkis, T J
248. NJDA New Jersey Department of Agriculture Division of Plant Industry
 101 Oakland Street (CN 330) Trenton NJ 08625 USA
 Balaam, R J Bullock, R H Chianese, R J
 Dorsey, T W Garrison, G W Garrison, H
 Huffman, R Mackenthun, D Metterhouse, W W
 Mina, P J Palmer, D J Perini, J
 Robbins, G Schlaufman, C
249. NJRU Rutgers University, Cook College Dept of Entomology & Economic Zoology
 State University of New Jersey New Brunswick NJ 08903 USA
 Lashomb, J H
250. NL Nematology Laboratory ARS, USDA, Plant Protection Institute
 Bldg 011A, BARC-West Beltsville MD 20705 USA
 Nickle, W R
251. NLAUW Agricultural University Department of Entomology
 (Landbouwhogeschool, Vakgroep Entomologie) Wageningen Netherlands
 de Wilde, J
252. NLRUL Rijksuniversiteit Leiden Subfacultiet Biologie
 Kaiserstradt 63, Postbur 9516 Leiden 2300 RA Netherlands
 Los-den-Hartogh, R L
253. NLUA University of Amsterdam Laboratory of Experimental Entomology
 Amsterdam Netherlands
 Mietkiewski, R
254. NLUL University of Leiden Department of Ecology, Zoological Lab
 Kaiserstraat 63 Leiden Netherlands
 van Lenteren, J C
255. NO ?
 Norway
 Hagvar, E
256. NPCA National Pest Control Association
 USA
 Pinto, L J

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257. NPSSWA National Park Service U.S. Dept Interior
835 King St Seattle WA 98104 USA
Prasil, R G
258. NVDA Nevada Department of Agriculture P O Box 630
Elko NV 89801 USA
Dondero, P
259. NYAESG New York State Agr Experiment Station
Geneva NY 14456 USA
Riedl, H
260. NYCU Cornell University Department of Entomology
Comstock Hall Ithaca NY 14853 USA
Dodge, P Tauber, M J
261. NZDSIRA Dept Sci & Indus Res - Entomology Div Mt Albert Research Centre
120 Mt Albert Road Auckland New Zealand
Kuschel, G
262. NZDSIRN Dept Sci & Indust Res - Entomology Div Nelson Station
Goddards Lane, Havelock North Hawkes Bay New Zealand
Wearing, C H
263. OARDC Ohio Agricultural Res & Development Ctr Department of Entomology
Ohio State University Wooster OH 44691 USA
Flessel, J K Williams, R N
264. OHSU Ohio State University Department of Entomology
Columbus OH 43210 USA
Johnson, N F
265. OKSDA Oklahoma State Dept Agriculture Division of Plant Industry
2800 N Lincoln Blvd Oklahoma City OK 73105 USA
Dudek, C Fleer, G C Fuller, M
Grantham, A A Kingsbery, W Metz, R E
Michael, O Molnar, D Ridge, D
266. OKSU Oklahoma State University Department of Entomology
Stillwater OK 74074 USA
Eikenbary, R D Sumner, L C
267. OR ? 200 Antelope Road
White City OR 97501 USA
Squires, D

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268. ORDA Oregon Department of Agriculture Agriculture Building
635 Capitol Street, N E Salem OR 97310 USA
Brown, J Hawkes, R B Kimberling, D
Penrose, R L West, M

269. ORSU Oregon State University Department of Entomology
Corvallis OR 97331 USA
Vandenburg, J D

270. PABF Pennsylvania Bureau of Forestry, DER Division of Forest Pest Management
34 Airport Drive Middletown PA 17057 USA
Fusco, R A Laudermilch, G Quimby, J W
Simons, E E

271. PATD T Dermody organic farmer
Bucks County PA USA
Dermody, T

272. PCEMRU Pest Control Equipment & Methods Res ARS, USDA
Texas A & M University College Station TX 77841 USA
Bouse, L F

273. PDRL Plant Disease Research Laboratory ARS, USDA
P.O. Box 1209 Frederick MD 21701 USA
Bruckart, W L Emge, R G Latterell, F M
Politis, D J Rossi, A E Turner, S K

274. PEUNSA Universidad Nacional de San Antonio Abad del Cuzco
Apartado 607, Correo Centro Cuzco Peru
Arestegui, A

275. PLAAS Academy of Agriculture Slowackiego 17
Szczecin 71-434 Poland
Majchrowicz, I

276. PPQBMD APHIS, PPQ, Cooperative Mexican Bean Beetle Demonstration Project
Building 320, BARC-East Beltsville MD 20705 USA
Smith, H T

277. PPQMTX National Biological Control Center PPQ, APHIS, USDA
P. O. Box 787 Mission TX 78572 USA
Wendel, L E

278. PPQNEV APHIS, PPQ, NE REGION, AREA V 1010 Jorie Boulevard, Suite 38
Oak Brook IL 60521 USA
Anderson, D Bedford, J Bradley, R
Buchanan, K J Cleary, E Cleary, E A
Cummings, L Earl, T R Eibling, J R

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	Ganger, J	Graeber, H P	Guthrie, M C
	Hayward, J T	Iverson, S S	Keith, R M
	Line, H E	Lovejoy, R D	Lueders, T
	Mansell, G	Martin, E	Pellegrini, M K
	Ruppe, J	Sproat, B	Stephens, C F
	Teresinski, G G	Townsend, W	Waisanen, W
	Ward, A W	Wikoff, J	Wille, S
	Zechman, J		
279. PPQNEVII	APHIS, PPQ, NE Region, Area VII 1 Park North, Suite 300 5550 Friendship Boulevard Chevy Chase MD 20815 USA Tustin, A E		
280. PPQNMI	Biological Control Satellite Facility PPQ, APHIS, USDA 2534 South 11th Street Niles MI 49120 USA Bernon, G L Bryan, M D Montgomery, V E Burger, T L		
281. PPQOMA	Otis Methods Development Center PPQ, APHIS, USDA Bldg 1398 Otis ANGB MA 02542 USA Forrester, O T		
282. PPQRVA	Plant Protection & Quarantine, APHIS 707 South Jefferson St P O Box 1276 Roanoke VA 24006 USA Clement, G L		
283. PPQSBTX	South Central Rearing Facility APHIS, PPQ 100 Helen Moore Road San Benito TX 78586 USA ? Worley, J N		
284. PPQSCII	APHIS, PPQ, SC Region, Area II Federal Building, Room B-201 727 East Durango San Antonio TX 78206 USA Barker, J W Burgess, G O Cole, B E Crossland, S Morton, R Thomas, J H Campbell, H C Hudson, M		
285. PPQSCIII	APHIS, PPQ, SC Region, Area III Slidell Towers, Room 205 520 Old Spanish Trail Slidell LA 70458 USA ?, ? Loftin, R Bevill, J Prentice, F Pierce, K R Wright, M Griffin, V J Pigott, T		
286. PPQSCIV	APHIS, PPQ, South Central Reg, Area IV 1411 Southwest Boulevard Jefferson City MO 65101 USA Aldridge, G R Brennecke, B J Courtney, D F Crouch, J Harri, J A Harrison, H Larson, R A MacRae, T C Miller, N D Mitchell, V Conner, F E Drudik, T Lambert, J McAdams, W Molyneux, A		

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	Nichols, R W	Niemeyer, S	O'Dea, D
	Porterfield, L D	Rabe, G G	Ross, G R
	Sandine, M	Schade, J M	Shuman, M L
	Stuefer-Powell, C L	Wallerich, G E	Wallerich, J L
	Widdicombe, K		
287. PPQSEI	APHIS, PPQ, SE Region, Area I 4080 Woodcock Drive, Suite 129 Jacksonville FL 32207 USA Worlow, J E		
288. PPQSEIII	APHIS, PPQ, SE Region, Area III 3505 25th Avenue P.O. Box 13 Gulfport MS 39502 USA Harris, R F Mills, T Watson, E B		
	Loucks, M V	Milam, R G	Stafford, B G
	Smith, W		
289. PPQSEIV	APHIS, PPQ, SE Region, Area IV Rural Route 6, Box 53 Wilmington NC 28405 USA Bradshear, A L Johnson, G Langford, P W Planner, F Savage, J Witt, K		
	Calhoun, L E	Goolsby, B F	King, J L
	Johnson, R	Mikell, J	Roggenstein, B
	Lowry, A R	Wilson, D	
	Roberts, L		
	Wescott, B		
290. PPQSMS	Satellite Rearing Lab, PPQ, APHIS, USDA Starkville, MS c/o Gast Rearing Lab, P.O. Box 5367 Mississippi State MS 39762 USA Roberson, J L		
291. PPQWDE	USDA, APHIS, PPQ Federal Buiding 9th and King Streets Wilmington DE 19801 USA Campese, D		
292. PPQWV	APHIS, PPQ W Region, Area V 7100 West 44th Avenue Suite 102 Wheat Ridge CO 80033 USA McClanahan, S A		
	Tucker, D	Winks, L K	
293. PRUPRRP	Universidad de Puerto Rico Crop Protection Department Agr. Expt. Sta., P.O. Box 21360 Rio Piedras PR 00928 USA-PR Roman, J		
294. RIL	Rangeland Insect Laboratory, ARS, USDA Montana State University So. 11th Avenue Bozeman MT 59717 USA Henry, J E		
	Rees, N E		
295. RPIIRRI	International Rice Research Institute Entomology Department P O Box 933 Manila Philippines Dyck, V A		

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296. RSWFA	R S Westing, Farm Advisor Crescent City CA 95531 USA Westing, R S		
297. SARL	Subtropical Agricultural Research Lab P O Box 267 Weslaco TX 78596 USA ?, ?	Hart, W G	Summy, K R
298. SCCU	Clemson University Dept. Entomology, Fisheries & Wildlife Clemson SC 29631 USA Carner, G R	Grant, J F	Shepard, B M
299. SCCUE	Clemson University Edisto Experiment Station P.O. Box 247 Blackville SC 29817 USA McCutcheon, G S	Turnipseed, S G	
300. SCCUEXT	Clemson University Cooperative Extension Service Clemson SC 29631 USA Palmer, K		
301. SCSCSC	Soil Conservation Service Station SCS, USDA 1835 Assembly Street Columbia SC 29201 USA Edwards, S	Melven, W J	
302. SDDA	South Dakota Department of Agriculture Division of Regulatory Services Plant Industry Program, 445 E Capitol Pierre SD 57501 USA Krsnak, J		
303. SDRE	R Ehrishman Route 3, Box 110 Wagner SD 57380 USA Ehrishman, R		
304. SDSUEXT	South Dakota State University-Extension Cooperative Extension Service Brookings SD 57007 USA Bowker, E J		
305. SDSUEXTS	South Dakota State University-Extension Box 720 Spearfish SD 57783 USA Orme, L E		
306. SECPRU	Southeast Cotton Production Res Unit ARS, USDA P O Box 2131 Florence SC 29503 USA Roach, S H		
307. SEL	Systematic Entomology Laboratory ARS, USDA, Bldg. 003, BARC-West Beltsville MD 20705 USA Gordon, R D Henry, T J	Grissell Marsh, P M	Grissell, E E Sabrosky, C W

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	Schauff, M E	Shaw, S R	White, R E
	Wirth, W W	Woodley, N E	
308. SFCIML	Southern Field Crop Insect Managemnt Lab ARS, USDA Delta States Research Ctr, P O Box 225 Stoneville MS 38776 USA		
	Ford, R L	Ginn, S B	Jones, W A
	King, E G	Saucier, L C	Tidwell, A
309. SFPPRIP	Plant Protection Research Institute Department of Agriculture & Fisheries Agr Bldgs, Beatrix St, Private Bag X134 Pretoria South Africa		
	Cilliers, C J	Neser, S	
310. SFTNRL	Southeastern Fruit & Tree Nut Res Lab ARS, USDA P.O. Box 87 Byron GA 31008 USA		
	Payne, J A		
311. SGIRL	Southern Grain Insects Research Lab ARS, USDA Coastal Plain Experiment Station Tifton GA 31794 USA		
	Hamm, J J	Lewis, W J	
312. SPCRL	Southern Plains Cotton Research Lab ARS, USDA c/o Texas A&M University, Route 3 Lubbock TX 79401 USA		
	Orr, C C		
313. SPINIAV	Inst Nac de Investigaciones Agrarias Centro Reg Lab de Inv y Desarrollo Agr 5 Crida 05, Apartado 733 Valladolid Spain		
	Asensio, E		
314. SPIRDL	Stored Product Insects Res. & Dev. Lab. ARS, USDA, 3401 Edwin St. P O. Box 22909 Savannah GA 31403 USA		
	Arbogast, R T	Press, J W	
315. SPIRL	Stored Product Insects Research Lab ARS, USDA 5578 Air Terminal Drive Fresno CA 93727 USA		
	Vail, P V		
316. SRQF	Stoneville Research Quarantine Facility ARS, USDA P.O. Box 225 Stoneville MS 38776 USA		
	Harrison, W W	Powell, J E	
317. SUUK	University of Khartoum Faculty of Agriculture P O Box 32 Khartoum, North Sudan		
	Beshir, M		
318. SW	? Sweden		
	Gustafsson, M		

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319. SWSL Southern Weed Science Laboratory ARS, USDA
P.O. Box 225 Stoneville MS 38876 USA
Spencer, N R
320. SZETH Eidgenossische Technische Hochschule Institut fur Phytomedizin
Zentrum/LFW Zurich CH8092 Switzerland
Defago, G Sedlar, L Vonmoos, R
321. SZFLP Forschungsanstalt fur Landw. Pflanzenbau Reckenholzstrasse 191/211
Zurich 8045 Switzerland
Keller, S
322. TAMU Texas A&M University Department of Entomology
College Station TX 77843 USA
Carrola, H Cate, J R Cronholm, G B
Cuda, J P Gilstrap, F E Harris, M K
Johnson, S Knutson, A Krauter, P C
Smith, J W Stansly, P A Steck, G J
Wharton, R A Williams, D W
323. TAMUD Texas A&M University Res & Ext Ctr Research and Extension Center at Dallas
17360 Coit Road Dallas TX 75252 USA
Schuster, M F Womack, C L
324. TfvRL Tropical Fruit & Vegetable Res Lab ARS, USDA
P O Box 2280 Honolulu HI 96804 USA
Wong, T T Y
325. THKU Kasetsart University P.O. Box 9-52
Bangkok 10900 Thailand
Napompeth, B
326. TUEUB Ege Universitesi Bornova Department of Microbiology
Faculty of Sciences Izmir Turkey
Oner, M
327. TVAMSAL Tennessee Valley Authority Fisheries & Aquatic Ecology Branch
E & D Building Muscle Shoals AL 35660 USA
Burns, E R Murphy, D
328. TWTARI Taiwan Agricultural Research Institute 189 Chung-cheng Road, Wan-feng, Wu-feng
Taichung Taiwan(Rep of China)
Wan, S C
329. UAR University of Arkansas Department of Entomology
Fayetteville AR 72701 USA
Jones, B F Miner, F D Plumlee, H

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351. UKRES Rothamsted Experimental Station
Harpenden, Herts England AL5 2JQ United Kingdom
Wilding, N
352. UKUB University of Bath School of Biological Sciences
Claverton Down Bath UK, England
St.Leger, R L
353. UKY University of Kentucky Department of Entomology
Lexington KY 40506 USA
Parr, J C Pass, B C Yeargan, K V
354. UKYEXT University of Kentucky Cooperative Extension Service
Lexington KY 40506 USA
Claiborne, P Greenwell, R Radford, M
355. UMA University of Massachusetts Department of Entomology
Fernald Hall Amherst MA 01003 USA
Hilbert, C Van Driesche, R
356. UME University of Maine Department of Entomology
Orono ME 04469 USA
Dimond, J B
357. UMEFR University of Maine College of Forest Resources
Department of Forest Biology Orono ME 04473 USA
Houseweart, M W
358. UMI University of Michigan Division of Biological Sciences
Natural Sciences Building Ann Arbor MI 48109 USA
Vandermeer
359. UMN University of Minnesota Department of Entomology
Hodson Hall St Paul MN 55108 USA
Chiang, H C Kulman, H M Thompson, L
360. UMO University of Missouri Department of Entomology
Columbia MO 65211 USA
Brandenburg, R L Fairchild, M L Spurgeon, D
361. UMOEXT University of Missouri Cooperative Extension Service
Columbia MO 65211 USA
Graham, G Hexem, R O Hummel, C
Lindell, D L Rycyk, F Zielinski, M
362. UNE University of Nebraska Department of Entomology
Lincoln NE 68583 USA
Rethwisch, M

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372. UWI	University of Wisconsin Department of Entomology Madison WI 53706 USA Coppel, H C	Mohamed, M	
373. UWTEXT	University of Wisconsin, Extension County Agent Madison WI 53706 USA Anderson, W G Biese, J J Daentl, D Drewiske, B Jennings, N S Martin, L J Olson, D N Schachtner, N VanFleet, R	Ankley, D Blonde, M P Draves, L Fanta, J Kraemer, C Nehring, D P Olson, M Sommerfield, K Vruwink, H	Ausderau, E Brovold, A Draxler, D Hendrickson, S Luckow, R O'Connell, T Richards, R P Trzebiatowski, J Wood, T
374. UWY	University of Wyoming Division of Plant Science University Station, P.O. Box 3354 Laramie WY 82071 USA Duffy, C J Littlefield, J L	Hoel, C McNamee, T	Lavigne, R J Nield, S
375. VAABK	A B Kindrick P O Box 83 Earlysville VA 22936 USA Kindrick, A B		
376. VABJS	B J Shaw-Kennedy Woodvale Farm Route 7, Box 207-B Charlottesville VA 22901 USA Shaw-Kennedy, B J		
377. VADACS	Virginia Dept. Agr. & Consumer Services Div. Prod. & Indus. Regulation Plant Pest Control Lab, 1100 Bank Street Richmond VA 23219 USA ?, ?	Tate, J R	
378. VADACSVB	Virginia Dept. Agr. & Consumer Services Div. Prod. & Ind. Reg., Plant Pest Contr. Lab 1444 Diamond Springs Road Virginia Beach VA 23455 USA Hays, B A		
379. VADACSW	Virginia Dept. Agr. & Consumer Services Warrenton Station 234 West Shirley Ave Warrenton VA 22186 USA Morris, B		
380. VADF	Virginia Division of Forestry, DC&ED Insect and Disease Investigations Box 3758 Charlottesville VA 22903 USA Morris, C L		
381. VATORSP	Virginia Truck & Ornamental Research Sta Eastern Shore Branch Route 1, Box 133 Painter VA 23420 USA Sherrod, D W		

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394. WASUP Washington State University Irrigated Agriculture Res. & Ext. Ctr.
P O Box 30 Prosser WA 99350 USA
Pike, K S
395. WASUPP Washington State University Department of Plant Pathology
Pullman WA 99164 USA
Line, R F
396. WCRL Western Cotton Research Laboratory ARS, USDA
4135 East Broadway Road Phoenix AZ 85040 USA
Butler, G D
397. WICCSC Central Cooperative of Sauk City Agronomic Services
112 Van Buren St Sauk City WI 53583 USA
Cole, A D Liegel, E
398. WIDNR Wisconsin Dept of Natural Resources 3911 Fish Hatchery Road
Fitchburg WI 53711 USA
Hall, D J
399. WSSGCPP Samoan German Crop Protection Project P O Box 597
Apia Western Samoa
Stechmann, D H
400. WVDAI West Virginia Department of Agriculture Plant Pest Control Division
P.O. Box 66 Inwood WV 25428 USA
Dean, N Mason, T L Wydoski, R
401. WVDAU West Virginia Department of Agriculture P.O. Box 221
Union WV 24983 USA
Bostic, E
402. WVTR The Rocks (Organic Farm) Rural Route
Charles Town WV 25414 USA
Coiner, C
403. WYAP Amaco Products
Evanston WY 82930 USA
Jensen, J
404. WYCCWPCD Crook Co Weed & Pest Control Division
Sundance WY 82729 USA
Bornkessel, J G
405. WYGCWPCD Goshen Co Weed & Pest Control Division
Torrington WY 82240 USA
Schwartzkopf, R

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406. WYLCWPCD Lincoln Co Weed & Pest Control Division Box 1117
 Afton WY 83110 USA
 Neil, S
407. WYPCWPCD Park Co Weed & Pest Control Division P O Box 626
 Powell WY 82435 USA
 Parsons, R R
408. WYSCWPCD Sublette Co Weed & Pest Control Division
 Pinedale WY 82941 USA
 Burroughs, L
409. YARL Yakima Agricultural Research Laboratory ARS, USDA
 3706 West Nob Hill Blvd Yakima WA 98902 USA
 Fye, R E Tamaki, G

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SECTION IX - SUMMARY INFORMATION - 1982

+ = Some records with unknown release amounts

	<u>Total Number of Species Released</u>	<u>Total Number of Specimens Released</u>	<u>Total Number of Hosts/Prey Released Against</u>	<u>Total Number States/Terr. Releases Made</u>	<u>Total Number of Counties Releases Made</u>
Parasites	113	20,034,220e+	68	41	933
Predators	38	497,082e+	15	8	22
Weed Control Agents	21	9,511,178e+	18	27	173
Microbial Agents	1	N/A	1	1	1
Pollinators	3	18,428	N/A	6	7
Other Beneficial Species	3	4,267	N/A	2	4
Grand Totals	179	30,065,175e+	97	46	1113

NOTE: Some parasites and predators were released against the same hosts/prey and therefore the grand total is not a sum of the figures in that column. Similarly, several kinds of beneficial organisms were released in the same States/Territories and counties, and the grand totals are not the sums of the figures in those columns.



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