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

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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 (Greatehead 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

CIBCIS-82-0004-A India Himachal Pradesh

CIBCIS-82-0003-B India Himachal Pradesh

CIBCIS-82-0002-C India Himachal Pradesh

Plus additional file numbers

ORIGINAL HOST/PREY: Lymantria obfuscata

COLLECTOR(S): Ramaseshiah, G CIBCIS

CULT: N GENERATIONS:

QUARANTINE ORIGIN

Beneficial Insects Research Laboratory

ARS, USDA

501 South Chapel Street

Newark DE 19713 USA

DATES OF MATERIAL TARGET TAXONOMIC POSITION OF

RELEASE RELEASED HOST(S)/PREY TARGET HOST(S)/PREY

MM/DD/YY NOS. STAGE GENUS SPECIES AUTHOR CLASS ORDER FAMILY

5/28/82 728 A Lymantria Insecta
dispar Lepidoptera
(Linnaeus) Lymantriidae

HSTPLANT/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

TARGET

TAXONOMIC POSITION OF

RELEASE RELEASED HOST(S)/PREY

TARGET HOST(S)/PREY

MM/DD/YY NOS. STAGE GENUS SPECIES AUTHOR

CLASS ORDER FAMILY

5/20/82 500e A Leptinotarsa

Insecta

decemlineata

Coleoptera

(Say)

Chrysomelidae

HST 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:

RELEASE	MATERIAL	RELEASED	TARGET	TAXONOMIC POSITION OF
MM/DD/YY	NOS.	STAGE	HOST(S)/PREY	TARGET HOST(S)/PREY
			GENUS SPECIES AUTHOR	CLASS ORDER FAMILY
5/20/82	588e	PHA	Hypera	Insecta
	98% OF HA		postica	Coleoptera
		SHIPPED	(Gyllenhal)	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-cocoons
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>Collector Acronym/</u>	<u>No. of Sites</u>	<u>* = Specimens Kept</u>	<u>Genus</u>
<u>Author</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>			<u>Species, Subspecies</u>
<u>Order, Family</u>					<u>Author, Common Name</u>
Agrypon	Canada	OR Clackamas		BIRL-82-0041	Operophtera
flaveolatum	CFSTNS/DBM	29 A	1	ORDA	brumata
(Gravenhorst)		Apr		Penrose, R L	(Linnaeus)
Hymenoptera					winter moth
Ichneumonidae					
	Canada	OR Clackamas		BIRL-82-0043	SAME
	CFSTNS/DBM	37 A	1	ORDA	
		Apr		Penrose, R L	
	Canada	OR Clackamas		BIRL-82-0047	SAME
	CFSTNS/DBM	211 A	1	ORDA	
		Apr		West, M	
	Canada	OR Clackamas		BIRL-82-0051	SAME
	CFSTNS/DBM	98 A	1	ORDA	
		Apr		West, M	
	Canada	OR Clackamas		BIRL-82-0053-2	SAME
	CFSTNS/DBM	124 A	1	ORDA	
		Apr		Penrose, R L	
	Canada	OR Marion		BIRL-82-0033	SAME
	CFSTNS/DBM	51 A	1	ORDA	
		Apr		Penrose, R L	
	Canada	OR Marion		BIRL-82-0036	SAME
	CFSTNS/DBM	78 A	1	ORDA	
		Apr		Penrose, R L	
	Canada	OR Multnomah		BIRL-82-0049	SAME
	CFSTNS/DBM	101 A	1	ORDA	
		Apr		West, M	
	Canada	OR Washington		BIRL-82-0053-1	SAME
	CFSTNS/DBM	95 A	1	ORDA	
		Apr		Penrose, R L	

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>
Allorhogas	Mexico-Nuevo Leon	TX LRGV	TAMU-JWS-82-0003
pyralophagus	TAMU	? e A	TAMUW
Marsh	CIBCWIS/FDB	Jul to Oct	Browning, H W
Hymenoptera	TAMU/JWS	NOTE: 103	
Braconidae			
	Mexico-Nuevo Leon	TX LRGV	TAMU-JWS-82-0004
	TAMU	265 A	TAMUW
	CIBCWIS/FDB	Nov	Browning, H W
	TAMU/JWS	NOTE: 104	
Aloencyrtus	South Africa	CA Tehama	UCB-LEC-82-0020
saissetiae	UCB	185e A	UCB
(Compere)		Oct to Nov	
Hymenoptera			
Encyrtidae			
Amblyseius	CA, Santa Barbara	CA San Diego	UCR-JAM-82-0043
limonicus	UCR/HGJ	900e A,N	UCR
Garman & McGregor		Jun	Johnson, H G
Parasitiformes			
Phytoseiidae			
	CA, Santa Barbara	CA San Diego	UCR-JAM-82-0056
	UCR/HGJ	8800e A,N	UCR
		Aug	Johnson, H G
	CA, Santa Barbara	CA San Diego	UCR-JAM-82-0063
	UCR/HGJ	2000e A,N	UCR
		Sep to Oct	Johnson, H G
	CA, Santa Barbara	CA San Diego	UCR-JAM-82-0074
	UCR/HGJ	600e A,N	UCR
		Nov	Johnson, H G

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

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

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

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Amblyseius sp.	DE, New Castle BIRL BIRL/	MD Frederick 2000e A,L,E 1 Nov NOTE: 015	BIRL-RMH-82-0190 PDRL Rossi, A E
Parasitiformes Phytoseiidae			Tetranychus urticae Koch twospotted spider mite
	DE, New Castle BIRL BIRL/	PA Philadelphia 150e A,L 1 Sep NOTE: 015	BIRL-RMH-82-0175 UPA Schaub, B
Ametadoria misella (Wulp)	CA, San Diego CABCSP/CDH, BV	CA Butte 1214 A 8 Jun	CABCSP-CDH-82-0004 CABCD A CABCSP Dodd, R Villegas, B
Diptera Tachinidae			Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
	CA, San Diego CABCSP/TE, BV	CA Butte 21 A 2 Jun	CABCSP-CDH-82-0008 CABCSP Waller, J
	CA, San Diego CABCSP/LGB, BV	CA Butte 114 A 2 Aug	CABCSP-CDH-82-0015 CABCSP Waller, J
	CA, San Diego CABCSP/CDH, BV	CA Fresno 1237 A 2 Jun	CABCSP-CDH-82-0005 CABCSP Luna, G Halstead, J
	CA, San Diego CABCSP/TE, BV	CA Fresno 343 A 3 Jun	CABCSP-CDH-82-0008 CABCSP Luna, G Halstead, J
	CA, San Diego CABCSP/BV, DMS	CA Fresno 11045 A 9 Aug	CABCSP-CDH-82-0012 CABCSP Luna, G Halstead, J

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Ametadoria	CA, San Diego	CA Fresno	CABCSP-CDH-82-0015-9	Harrisina
misella	CABCSP/LGB, BV	8 A	CABCSP	brillians
(Wulp)		Sep	Luna, G	Barnes & McDunnough
Diptera				western grapeleaf skeletonizer
Tachinidae				
	CA, San Diego	CA Kern	CABCSP-CDH-82-0015	SAME
	CABCSP/LGB, BV	278 A	CABCSP	
		Sep	Esser, T	
	CA, San Diego	CA Madera	CABCSP-CDH-82-0008-1	SAME
	CABCSP/TE, BV	107 A	CABCSP	
		Jun	Luna, G	
			Halstead, J	
	CA, San Diego	CA Placer	CABCSP-CDH-82-0017	SAME
	CABCSP/BV, TE	2168 A	CABCSP	
		Aug to Sep	Villegas, B	
			Rey, E	
	CA, San Diego	CA Placer	CABCSP-CDH-82-0020	SAME
	CABCSP/BV, TE	500 A	CABCSP	
		Sep	Villegas, B	
	CA, San Diego	CA Shasta	CABCSP-CDH-82-0008-9	SAME
	CABCSP/TE, BV	175 A	CABCSP	
		Jul	Esser, T	
			Waller, J	
	CA, San Diego	CA Tulare	CABCSP-CDH-82-0008	SAME
	CABCSP/TE, BV	80 A	CABCSP	
		Jun	Luna, G	
			Halstead, J	
	CA, San Diego	CA Ventura	CABCSP-CDH-82-0015	SAME
	CABCSP/LGB, BV	195 A	CAVCDA CABCSP	
		Aug	Runkle, D	
			Esser, T	

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Amitus ?spiniferus (Brèthes) Hymenoptera Platygastridae	HI, Honolulu HDA/BRK	HI Honolulu 160 A 4 Feb	HDA-BRK-82-0010 HDA Kumashiro, B R	Aleurothrixus floccosus (Maskell) woolly whitefly
Amitus spiniferus (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 Jan	1 HDA-BRK-82-0007 HDAM Miyahira, N	Keiferia lycopersicella (Walsingham) tomato pinworm
	USA CA HDA HDA/RMB	HI Maui 140 A Mar	1 HDA-BRK-82-0017 HDAM Miyahira, N	SAME
Aphelinus asychis Walker Hymenoptera Aphelinidae	France BIRL EPL/FG	WA Benton 25e A Oct	1 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 Nov	1 UCB-KSH-82-0068 UCB	Acyrtosiphon kondoi Shinji blue alfalfa aphid
	Iran UCR	CA Fresno 21950e A Jan to Apr	1 UCB-KSH-82-0003-1 UCB	SAME
	USSR, Uzbek SSR UCR	CA Fresno 80400e A Jan to Apr	2 UCB-KSH-82-0004 UCB	SAME
	Iran UCR	CA Fresno 3000e A Feb to Apr	1 UCB-KSH-82-0003-2 UCB	SAME
	USSR, Uzbek SSR UCR	CA Fresno 14750e A May to Jun	2 UCB-KSH-82-0022 UCB	SAME
				Acyrtosiphon pisum (Harris) pea aphid

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Aphidius	Iran	CA Fresno	UCB-KSH-82-0026
ervi	UCR	2260e A	UCB
Haliday		May to Jun	
Hymenoptera			
Aphidiidae			
	USSR, Uzbek SSR	CA Fresno	UCB-KSH-82-0030
	UCR	13500e A	UCB
		Jul to Dec	
	Iran	CA Fresno	UCB-KSH-82-0035
	UCR	6750e A	UCB
		Jul to Dec	
	USSR, Uzbek SSR	CA Glenn	UCB-KSH-82-0023
	UCR	1960e A	UCB
		May	

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Aphidius	USSR, Uzbek SSR	CA Glenn	UCB-KSH-82-0036	Acyrthosiphon
ervi	UCR	1190e A	UCB	kondoi
Haliday		Jul		Shinji
Hymenoptera				blue alfalfa aphid
Aphidiidae				Acyrthosiphon
				pisum
				(Harris)
				pea aphid
	Japan, Honshu	CA Kings	UCB-KSH-82-0008	Acyrthosiphon
	UCR	7850e A	UCB	kondoi
		Jan to Apr		Shinji
				blue alfalfa aphid
	Japan, Honshu	CA Kings	UCB-KSH-82-0025	SAME
	UCR	3000e A	UCB	
		May to Jun		Acyrthosiphon
				pisum
				(Harris)
				pea aphid
	Japan, Honshu	CA Kings	UCB-KSH-82-0044	Acyrthosiphon
	UCR	13700e A	UCB	kondoi
		Jul to Dec		Shinji
				blue alfalfa aphid
				Acyrthosiphon
				pisum
				(Harris)
				pea aphid
	Japan, Honshu	CA Modoc	UCB-KSH-82-0037	Acyrthosiphon
	UCR	550e A	UCB	kondoi
		Jul		Shinji
				blue alfalfa aphid
				Acyrthosiphon
				pisum
				(Harris)
				pea aphid

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

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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>
Aphidius	USSR, Uzbek SSR	CA San Joaquin	UCB-KSH-82-0071	Acyrthosiphon
ervi	UCR	800e A 1	UCB	kondoi
Haliday		Dec		Shinji
Hymenoptera				blue alfalfa aphid
Aphidiidae				
	Morocco	CA San Joaquin	UCB-KSH-82-0072	SAME
	UCR	860e A 1	UCB	
		Dec		
	Japan, Honshu	CA Siskiyou	UCB-KSH-82-0027	SAME
	UCR	500e A 1	UCB	
		May		
				Acyrthosiphon
				pisum
				(Harris)
				pea aphid
	Japan, Honshu	CA Siskiyou	UCB-KSH-82-0039	Acyrthosiphon
	UCR	450e A 1	UCB	kondoi
		Jul		Shinji
				blue alfalfa aphid
				Acyrthosiphon
				pisum
				(Harris)
				pea aphid
	Japan, Honshu	CA Siskiyou	UCB-KSH-82-0066	Acyrthosiphon
	UCR	4450e A 1	UCB	kondoi
		Oct		Shinji
				blue alfalfa aphid
	Japan, Honshu	CA Tulare	UCB-KSH-82-0005	SAME
	UCR	20450e A 1	UCB	
		Jan to Apr		

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Aphidius	Morocco	CA Tulare	UCB-KSH-82-0006
ervi	UCR	20800e A	1 UCB
Haliday		Jan to Apr	
Hymenoptera			
Aphidiidae			
	Japan, Honshu	CA Tulare	UCB-KSH-82-0020
	UCR	2600e A	1 UCB
		May	
	Morocco	CA Tulare	UCB-KSH-82-0021
	UCR	5650e A	1 UCB
		May to Jun	
	Morocco	CA Tulare	UCB-KSH-82-0043
	UCR	13200e A	1 UCB
		Jul to Dec	
	Japan, Honshu	CA Tulare	UCB-KSH-82-0060
	UCR	300e A	1 UCB
		Sep	

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

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	
Aphytis aonidia (Mercet) Hymenoptera Aphelinidae	CA, Riverside UCR/MJR	MD Prince Georges 55 F 2 Apr to Jul	UCR-MJR-82-0007 FNCL Rivnay, T	Quadraspidiotus perniciosus (Comstock) San Jose scale
Aphytis melinus DeBach Hymenoptera Aphelinidae	India, Pakistan ELC-LINE	CA Imperial 10000e A 1 Sep	UCR-RFL-82-0034 UCR	Aonidiella aurantii (Maskell) California red scale
Aphytis sp. Hymenoptera Aphelinidae	China (PRC) UCR UCR/PD	CA Imperial 400e A 1 Apr to Jun	UCR-RFL-82-0012 UCR	SAME
	Japan, Honshu UCR UCR/MJR	CA Imperial 150e A 1 Apr to Jun NOTE: 132	UCR-RFL-82-0013 UCR	SAME
	China (PRC) UCR UCR/PD	CA Imperial 110e A 1 May to Jun	UCR-RFL-82-0027 UCR	SAME
	China (PRC) UCR UCR/PD	CA Imperial 200e A 1 Sep	UCR-RFL-82-0035 UCR	SAME
	China (PRC) UCR UCR/PD	CA Orange 200e A 1 Jan	UCR-RFL-82-0003 UCR	SAME
	Japan, Honshu UCR UCR/MJR	CA Orange 100e A 1 May NOTE: 132	UCR-RFL-82-0026 UCR	SAME

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Aphytis	China (PRC)	CA Riverside		UCR-RFL-82-0001	Aonidiella
sp.	UCR	500e A	1	UCR	aurantii
	UCR/PD	Jan to Jun			(Maskell)
Hymenoptera					California red scale
Aphelinidae					
	Japan, Honshu	CA Riverside		UCR-RFL-82-0006	SAME
	UCR	335e A	1	UCR	
	UCR/MJR	Feb to Jun			
		NOTE: 132			
	Japan, Honshu	CA Tulare		UCR-RFL-82-0023-1	SAME
	UCR	70e A	1	UCR	
	UCR/MJR	May			
		NOTE: 132			
	China (PRC)	CA Tulare		UCR-RFL-82-0024-1	SAME
	UCR	200e A	1	UCR	
	UCR/PD	May			
	Japan, Honshu	CA Tulare		UCR-RFL-82-0023-2	SAME
	UCR	100e A	1	UCR	
	UCR/MJR	Jun			
		NOTE: 132			
	China (PRC)	CA Tulare		UCR-RFL-82-0024-2	SAME
	UCR	900e A	1	UCR	
	UCR/PD	Jun			
	China (PRC)	CA Ventura		UCR-RFL-82-0007-1	SAME
	UCR	30 A	1	UCR	
	UCR/PD	Feb			
	Japan, Honshu	CA Ventura		UCR-RFL-82-0009-1	SAME
	UCR	30 A	1	UCR	
	UCR/MJR	Feb			
		NOTE: 132			

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

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

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

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Atholus	Pakistan	CA Tulare	UCR-EFL-82-0005
maindronii	UCR	45 A	1 UCR
(Lewis)	CIBCPS/RKS	Jul	
Coleoptera			Haematobia
Histeridae			irritans
			(Linnaeus)
			horn fly
Bathyplectes	IN, Harrison Co	AR Benton	PPQNMI-TLB-82-2098-2
anurus	PPQ/	2040e PHL	1 PPQSCIII
(Thomson)		Apr	Griffin, V J
Hymenoptera			
Ichneumonidae			Hypera
			postica
			(Gyllenhal)
			alfalfa weevil
	IN, Harrison Co	AR Desha	PPQNMI-TLB-82-2083-4
	PPQ/	2040e PHL	1 PPQSCIII
		Apr	Bevill, J
	IN, Harrison Co	AR Independence	PPQNMI-TLB-82-2092
	PPQ/	6120e PHL	3 PPQSCIII
		Apr	Wright, M
	IN, Harrison Co	AR Madison	PPQNMI-TLB-82-2098-1
	PPQ/	4080e PHL	1 PPQSCIII
		Apr	Griffin, V J
	IN, Harrison Co	AR Marion	PPQNMI-TLB-82-2089-2
	PPQ/	4080e PHL	1 PPQSCIII
		Apr	Loftin, R
	KY, Oldham Co	AR Miller	PPQNMI-TLB-82-1230
	PPQ/	336000e PHL	1 PPQSCIII
		May	Pierce, K R
	IN, Harrison Co	AR Miller	PPQNMI-TLB-82-2168
	PPQ/	210000e PHL	1 PPQSCIII
		May	Pierce, K R

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	AR Phillips 4080e PHL Apr	2 PPQNMI-TLB-82-2083 PPQSCIII Bevill, J	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	AR Pulaski 6120e PHL Apr	2 PPQNMI-TLB-82-2092 PPQSCIII Wright, M	SAME
	IN, Harrison Co PPQ/	AR Searcy 2040e PHL Apr	1 PPQNMI-TLB-82-2089-1 PPQSCIII Loftin, R	SAME
	IN, Harrison Co PPQ/	AR St Francis 6120e PHL Apr	1 PPQNMI-TLB-82-2083-1 PPQSCIII Bevill, J	SAME
	USA-NJ, PA, OH, VA, WV+ PPQNMI APHIS/	CA Alameda 162 A May to Jun	1 UCB-82-0006-1 UCB Andrews, J	Hypera brunnipennis (Boheman) Egyptian alfalfa weevil
	USA-NJ, PA, OH, VA, WV+ PPQNMI APHIS/	CA Fresno 1275 A May to Jun	1 UCB-82-0006-2 UCB Andrews, J Etzell, L K	SAME
	USA-NJ, PA, OH, VA, WV+ PPQNMI APHIS/	CA Siskiyou 510 A May to Jun	1 UCB-82-0006-3 UCB Andrews, J Etzell, L K	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	IA Adair 4320e PHL May	2 PPQNMI-TLB-82-3045 PPQSCIV Harri, J A	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

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

<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>File Number</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Releaser Acronym, Name</u>	<u>Author, Common Name</u>
			<u>* = Specimens Kept</u>	
Bathyplectes	MI, Berrien Co	IA Clarke	PPQNMI-TLB-82-3019	Hypera
anurus	PPQNMI/	4320e PHL	IADA	postica
(Thomson)		May	Stoltenow, C R	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	MI, Cass Co	IA Crawford	PPQNMI-TLB-82-3141	SAME
	PPQNMI/	7200e PHL	IADA	
		May	Carlson, C E	
	MI, Berrien Co	IA Dallas	PPQNMI-TLB-82-3019	SAME
	PPQNMI/	4320e PHL	IADA	
		May	Stoltenow, C R	
	MI, Berrien Co	IA Delaware	PPQNMI-TLB-82-3034	SAME
	PPQNMI/	4320e PHL	PPQSCIV	
		May	Larson, R A	
	MI, Berrien Co	IA Des Moines	PPQNMI-TLB-82-3027	SAME
	PPQNMI/	4320e PHL	IASUEXT	
		May	Buske, M C	
	MI, Cass Co	IA Fayette	PPQNMI-TLB-82-3150	SAME
	PPQNMI/	7200e PHL	PPQSCIV	
		May	Larson, R A	
	MI, Cass Co	IA Hardin	PPQNMI-TLB-82-3158	SAME
	PPQNMI/	7200e PHL	PPQSCIV	
		May	McAdams, W	
	MI, Cass Co	IA Harrison	PPQNMI-TLB-82-3141	SAME
	PPQNMI/	7200e PHL	IADA	
		May	Carlson, C E	
	MI, Cass Co	IA Iowa	PPQNMI-TLB-82-3170	SAME
	PPQNMI/	7200e PHL	IADA	
		May	Campbell, J W	

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

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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>Releaser Acronym, Name</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</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 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>Genus</u>
<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	KY, Oldham Co	IL Adams		PPQNMI-TLB-82-1231	Hypera
anurus	PPQ/	21000e PHL	3	PPQNEV	postica
(Thomson)		May		Wikoff, J	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	IN, Harrison Co	IL Bond		PPQNMI-TLB-82-2261-8	SAME
	PPQ/	21600e PHL	1	PPQNEV	
		May		Iverson, S S	
	KY, Oldham Co	IL Boone		PPQNMI-TLB-82-1273	SAME
	PPQ/	21000e PHL	3	PPQNEV	
		May		Cleary, E	
	IN, Harrison Co	IL Bureau		PPQNMI-TLB-82-2291	SAME
	PPQ/	21600e PHL	3	PPQNEV	
		May		Lovejoy, R D	
	IN, Harrison Co	IL Clark		PPQNMI-TLB-82-2273-6	SAME
	PPQ/	21600e PHL	1	PPQNEV	
		May		Buchanan, K J	
	IN, Harrison Co	IL Coles		PPQNMI-TLB-82-2273	SAME
	PPQ/	21600e PHL	2	PPQNEV	
		May		Buchanan, K J	
	IN, Harrison Co	IL Effingham		PPQNMI-TLB-82-2242	SAME
	PPQ/	21600e PHL	3	PPQNEV	
		May		Sproat, B	
	IN, Harrison Co	IL Fayette		PPQNMI-TLB-82-2261	SAME
	PPQ/	21600e PHL	3	PPQNEV	
		May		Iverson, S S	
	IN, Harrison Co	IL Hamilton		PPQNMI-TLB-82-2242	SAME
	PPQ/	21600e PHL	3	PPQNEV	
		May		Sproat, B	

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

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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>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>Genus</u>
<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	KY, Oldham Co	IL McHenry		PPQNM-ILB-82-1273	Hypera
anurus	PPQ/	21000e PHL	3	PPQNEV	postica
(Thomson)		May		Cleary, E	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	KY, Oldham Co	IL McLean		PPQNM-ILB-82-1240	SAME
	PPQ/	21000e PHL	3	PPQNEV	
		May		Anderson, D	
	KY, Oldham Co	IL Mercer		PPQNM-ILB-82-1249	SAME
	PPQ/	14000e PHL	2	PPQNEV	
		May		Lueders, T	
	IN, Harrison Co	IL Montgomery		PPQNM-ILB-82-2261	SAME
	PPQ/	21600e PHL	2	PPQNEV	
		May		Iverson, S S	
	IN, Harrison Co	IL Moultrie		PPQNM-ILB-82-2273	SAME
	PPQ/	21600e PHL	2	PPQNEV	
		May		Buchanan, K J	
	IN, Harrison Co	IL Ogle		PPQNM-ILB-82-2291	SAME
	PPQ/	21600e PHL	3	PPQNEV	
		May		Lovejoy, R D	
	KY, Oldham Co	IL Peoria		PPQNM-ILB-82-1249	SAME
	PPQ/	21000e PHL	3	PPQNEV	
		May		Lueders, T	
	IN, Harrison Co	IL Pope		PPQNM-ILB-82-2297	SAME
	PPQ/	216000e PHL	1	PPQNEV	
		May		Bradley, R	
	KY, Oldham Co	IL Rock Island		PPQNM-ILB-82-1249-9	SAME
	PPQ/	7000e PHL	1	PPQNEV	
		May		Lueders, T	

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

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

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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>
Bathyplectes	IN, Harrison Co	IN Lawrence		Hypera
anurus	PPQ/	180000e PHL	1	postica
(Thomson)		May		(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	IN, Harrison Co	IN Lawrence		SAME
	PPQ/	144000e PHL	1	
		May		
	MI, Berrien Co	IN Montgomery		SAME
	PPQNM/	7200e PHL	3	
		May		
	KY, Oldham Co	KS Atchison		SAME
	PPQ/	14700e PHL	3	
		May		
	IN, Harrison Co	KS Atchison		SAME
	PPQ/	18000e PHL	2	
		May		
	IN, Harrison Co	KS Barton		SAME
	PPQ/	4900e PHL	1	
		May		
	IN, Harrison Co	KS Bourbon		SAME
	PPQ/	4900e PHL	1	
		May		
	IN, Harrison Co	KS Cherokee		SAME
	PPQ/	4900e PHL	1	
		May		
	IN, Harrison Co	KS Cherokee		SAME
	PPQ/	12000e PHL	1	
		May		

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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>File Number</u>	<u>Genus</u>
<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	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, 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>	
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Douglas 4900e PHL May	1 PPQNM-ILB-82-1115 KSSBABC White, S C	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Douglas 4900e PHL May	1 PPQNM-ILB-82-2150-4 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Finney 4900e PHL May	1 PPQNM-ILB-82-1147-4 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Finney 12000e PHL May	1 PPQNM-ILB-82-2392-1 PPQSCIV Shuman, M L	SAME
	KY, Oldham Co PPQ/	KS Graham 9800e PHL May	2 PPQNM-ILB-82-1139 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Greenwood 9800e PHL May	2 PPQNM-ILB-82-2143 KSSBABC White, S C	SAME
	IN, Harrison Co PPQ/	KS Greenwood 6000e PHL May	1 PPQNM-ILB-82-2370-3 KSSBABC White, S C	SAME
	IN, Harrison Co PPQ/	KS Harvey 7000e PHL May	1 PPQNM-ILB-82-2136-4 KSSBAG Salsbury, G A	SAME
	KY, Oldham Co PPQ/	KS Jackson 19600e PHL May	4 PPQNM-ILB-82-1116 KSSBA Hilbert, B	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	KY, Oldham Co	KS Jackson	PPQNMI-TLB-82-1355-2	Hypera
anurus	PPQ/	8100e PHL	KSSBA	postica
(Thomson)		May	Hilbert, B	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	IN, Harrison Co	KS Jackson	PPQNMI-TLB-82-2376	SAME
	PPQ/	21000e PHL	KSSBA	
		May	Hilbert, B	
	KY, Oldham Co	KS Jefferson	PPQNMI-TLB-82-1116	SAME
	PPQ/	9800e PHL	KSSBA	
		May	Hilbert, B	
	KY, Oldham Co	KS Jefferson	PPQNMI-TLB-82-1125-8	SAME
	PPQ/	4900e PHL	KSSBA	
		May	Hilbert, B	
	KY, Oldham Co	KS Jefferson	PPQNMI-TLB-82-1134-4	SAME
	PPQ/	4900e PHL	KSSBA	
		May	Hilbert, B	
	KY, Oldham Co	KS Jefferson	PPQNMI-TLB-82-1355-1	SAME
	PPQ/	5400e PHL	KSSBA	
		May	Hilbert, B	
	IN, Harrison Co	KS Jewell	PPQNMI-TLB-82-2149-7	SAME
	PPQ/	4900e PHL	KSSBA	
		May	Hilbert, B	
	IN, Harrison Co	KS Kiowa	PPQNMI-TLB-82-2387-1	SAME
	PPQ/	3000e PHL	KSSBAG	
		May	Salsbury, G A	
	KY, Oldham Co	KS Lincoln	PPQNMI-TLB-82-1125-9	SAME
	PPQ/	4900e PHL	KSSBA	
		May	Hilbert, B	

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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>File Number</u>	<u>Genus</u>
<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	IN, Harrison Co	KS Lincoln	PPQNMI-TLB-82-2360-5	Hypera
anurus	PPQ/	12000e PHL	PPQSCIV	postica
(Thomson)		May	Porterfield, L D	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	IN, Harrison Co	KS Linn	PPQNMI-TLB-82-2150-2	SAME
	PPQ/	4900e PHL	KSSBABC	
		May	White, S C	
	KY, Oldham Co	KS Lyon	PPQNMI-TLB-82-1134-2	SAME
	PPQ/	4900e PHL	KSSBA	
		May	Hilbert, B	
	IN, Harrison Co	KS Marion	PPQNMI-TLB-82-2136	SAME
	PPQ/	14000e PHL	KSSBAG	
		May	Salsbury, G A	
	IN, Harrison Co	KS McPherson	PPQNMI-TLB-82-2136-7	SAME
	PPQ/	7000e PHL	KSSBAG	
		May	Salsbury, G A	
	IN, Harrison Co	KS McPherson	PPQNMI-TLB-82-2160	SAME
	PPQ/	9800e PHL	KSSBAG	
		May	Salsbury, G A	
	IN, Harrison Co	KS Miami	PPQNMI-TLB-82-2150-3	SAME
	PPQ/	4900e PHL	KSSBABC	
		May	White, S C	
	KY, Oldham Co	KS Mitchell	PPQNMI-TLB-82-1125-3	SAME
	PPQ/	4900e PHL	KSSBA	
		May	Hilbert, B	
	IN, Harrison Co	KS Mitchell	PPQNMI-TLB-82-2149	SAME
	PPQ/	9800e PHL	KSSBA	
		May	Hilbert, B	

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Bathyplectes	IN, Harrison Co	KS Mitchell	PPQNMI-TLB-82-2360-3	Hypera
anurus	PPQ/	12000e PHL	PPQSCIV	postica
(Thomson)		May	Porterfield, L D	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	IN, Harrison Co	KS Montgomery	PPQNMI-TLB-82-2143-3	SAME
	PPQ/	4900e PHL	KSSBABC	
		May	White, S C	
	IN, Harrison Co	KS Montgomery	PPQNMI-TLB-82-2370-1	SAME
	PPQ/	12000e PHL	KSSBABC	
		May	White, S C	
	KY, Oldham Co	KS Ness	PPQNMI-TLB-82-1139	SAME
	PPQ/	9800e PHL	PPQSCIV	
		May	Shuman, M L	
	IN, Harrison Co	KS Ness	PPQNMI-TLB-82-2392-3	SAME
	PPQ/	12000e PHL	PPQSCIV	
		May	Shuman, M L	
	KY, Oldham Co	KS Norton	PPQNMI-TLB-82-1139-3	SAME
	PPQ/	4900e PHL	PPQSCIV	
		May	Shuman, M L	
	KY, Oldham Co	KS Osage	PPQNMI-TLB-82-1114	SAME
	PPQ/	9800e PHL	PPQSCIV	
		May	Ross, G R	
	KY, Oldham Co	KS Osage	PPQNMI-TLB-82-1134-3	SAME
	PPQ/	4900e PHL	KSSBA	
		May	Hilbert, B	
	IN, Harrison Co	KS Osage	PPQNMI-TLB-82-2374	SAME
	PPQ/	12000e PHL	PPQSCIV	
		May	Ross, G R	

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>			<u>Author, Common Name</u>
Bathyplectes	KY, Oldham Co	KS Osborne		PPQNMI-TLB-82-1125	Hypera
anurus	PPQ/	14700e PHL	3	KSSBA	postica
(Thomson)		May		Hilbert, B	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	IN, Harrison Co	KS Osborne		PPQNMI-TLB-82-2360-2	SAME
	PPQ/	6000e PHL	1	PPQSCIV	
		May		Porterfield, L D	
	IN, Harrison Co	KS Pawnee		PPQNMI-TLB-82-2136-3	SAME
	PPQ/	7000e PHL	1	KSSBAG	
		May		Salsbury, G A	
	KY, Oldham Co	KS Pottawatomie		PPQNMI-TLB-82-1125	SAME
	PPQ/	9800e PHL	2	KSSBA	
		May		Hilbert, B	
	IN, Harrison Co	KS Pottawatomie		PPQNMI-TLB-82-2149-3	SAME
	PPQ/	4900e PHL	1	KSSBA	
		May		Hilbert, B	
	IN, Harrison Co	KS Pottawatomie		PPQNMI-TLB-82-2376-5	SAME
	PPQ/	6000e PHL	1	KSSBA	
		May		Hilbert, B	
	IN, Harrison Co	KS Pratt		PPQNMI-TLB-82-2136	SAME
	PPQ/	14000e PHL	2	KSSBAG	
		May		Salsbury, G A	
	IN, Harrison Co	KS Pratt		PPQNMI-TLB-82-2160-1	SAME
	PPQ/	4900e PHL	1	KSSBAG	
		May		Salsbury, G A	
	IN, Harrison Co	KS Pratt		PPQNMI-TLB-82-2387	SAME
	PPQ/	6000e PHL	2	KSSBAG	
		May		Salsbury, G A	

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	
Bathyplectes	IN, Harrison Co	KS Reno	PPQNMI-TLB-82-2160-7	Hypera
anurus	PPQ/	4900e PHL	1	KSSBAG
(Thomson)		May	Salsbury, G A	postica
Hymenoptera				(Gyllenhal)
Ichneumonidae				alfalfa weevil
	KY, Oldham Co	KS Russell	PPQNMI-TLB-82-1125-7	SAME
	PPQ/	4900e PHL	1	KSSBA
		May	Hilbert, B	
	IN, Harrison Co	KS Russell	PPQNMI-TLB-82-2360-4	SAME
	PPQ/	12000e PHL	1	PPQSCIV
		May	Porterfield, L	
	KY, Oldham Co	KS Scott	PPQNMI-TLB-82-1147	SAME
	PPQ/	19600e PHL	3	PPQSCIV
		May	Shuman, M L	
	IN, Harrison Co	KS Scott	PPQNMI-TLB-82-2392-2	SAME
	PPQ/	12000e PHL	1	PPQSCIV
		May	Shuman, M L	
	IN, Harrison Co	KS Sedgwick	PPQNMI-TLB-82-2129	SAME
	PPQ/	28000e PHL	4	KSSBAG
		May	Salsbury, G A	
	IN, Harrison Co	KS Sedgwick	PPQNMI-TLB-82-2387-4	SAME
	PPQ/	3000e PHL	1	KSSBAG
		May	Salsbury, G A	
	IN, Harrison Co	KS Shawnee	PPQNMI-TLB-82-2368	SAME
	PPQ/	12000e PHL	1	PPQSCIV
		May	Mitchell, V	
	KY, Oldham Co	KS Sheridan	PPQNMI-TLB-82-1139-6	SAME
	PPQ/	4900e PHL	1	PPQSCIV
		May	Shuman, M L	

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Bathyplectes	KY, Oldham Co	KS Sherman		PPQNM-ILB-82-1139-1	Hypera
anurus	PPQ/	4900e PHL	1	PPQSCIV	postica
(Thomson)		May		Shuman, M L	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	KY, Oldham Co	KY Barren		PPQNM-ILB-82-1283	SAME
	PPQ/	30000e PHL	3	UKY	
		May		Parr, J C	
	KY, Oldham Co	KY Christian		PPQNM-ILB-82-1290	SAME
	PPQ/	30000e PHL	3	UKY	
		May		Parr, J C	
	KY, Oldham Co	KY Hart		PPQNM-ILB-82-1283	SAME
	PPQ/	30000e PHL	3	UKY	
		May		Parr, J C	
	KY, Oldham Co	KY Laurel		PPQNM-ILB-82-1001	SAME
	PPQ/	1020e PHL	1	UKYEXT	
		Apr		Claiborne, P	
	KY, Oldham Co	KY Laurel		PPQNM-ILB-82-1226	SAME
	PPQ/	10000e PHL	2	UKYEXT	
		May		Claiborne, P	
	KY, Oldham Co	KY Lincoln		PPQNM-ILB-82-1302	SAME
	PPQ/	60000e PHL	3	PPQSEIII	
		May		Smith, W	
	KY, Oldham Co	KY Logan		PPQNM-ILB-82-1290-4	SAME
	PPQ/	10000e PHL	1	UKY	
		May		Parr, J C	
	KY, Oldham Co	KY Madison		PPQNM-ILB-82-1305	SAME
	PPQ/	30000e PHL	3	PPQSEIII	
		May		Smith, W	

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

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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>File Number</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Releaser Acronym, Name</u>	<u>Author, Common Name</u>
			<u>* = Specimens Kept</u>	
Bathyplectes	MI, Cass Co	MI Allegan	PPQNM-ILB-82-3231	Hypera
anurus	PPQNM/	7200e PHL	PPQNEV	postica
(Thomson)		May	Mansell, G	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	MI, Cass Co	MI Antrim	PPQNM-ILB-82-3260	SAME
	PPQNM/	7200e PHL	PPQNEV	
		May	Ganger, J	
	MI, Cass Co	MI Bay	PPQNM-ILB-82-3203	SAME
	PPQNM/	7200e PHL	PPQNEV	
		May	Waisanen, W	
	MI, Cass Co	MI Calhoun	PPQNM-ILB-82-3272	SAME
	PPQNM/	7200e PHL	PPQNEV	
		May	Eibling, J R	
	MI, Cass Co	MI Chippewa	PPQNM-ILB-82-3237	SAME
	PPQNM/	4800e PHL	PPQNEV	
		May	Stephens, C F	
	MI, Cass Co	MI Crawford	PPQNM-ILB-82-3177	SAME
	PPQNM/	7200e PHL	PPQNEV	
		May	Guthrie, M C	
	MI, Cass Co	MI Delta	PPQNM-ILB-82-3225	SAME
	PPQNM/	7200e PHL	PPQNEV	
		May	Pellegrini, M K	
	MI, Cass Co	MI Dickinson	PPQNM-ILB-82-3225	SAME
	PPQNM/	7200e PHL	PPQNEV	
		May	Pellegrini, M K	
	MI, Cass Co	MI Emmet	PPQNM-ILB-82-3251	SAME
	PPQNM/	7200e PHL	PPQNEV	
		May	Ganger, J	

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

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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>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>
Bathyplectes	MI, Cass Co	MI Isabella	PPQNMI-TLB-82-3177	Hypera
anurus	PPQNMI/	7200e PHL	PPQNEV	postica
(Thomson)		May	Guthrie, M C	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	MI, Cass Co	MI Kent	PPQNMI-TLB-82-3231	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Earl, T R	
	MI, Cass Co	MI Leelanau	PPQNMI-TLB-82-3260	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Ganger, J	
	MI, Cass Co	MI Manistee	PPQNMI-TLB-82-3266	SAME
	PPQNMI/	7200e PHL	MISUEXT	
		May	Graham, G	
	MI, Cass Co	MI Mason	PPQNMI-TLB-82-3183	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Earl, T R	
	MI, Cass Co	MI Missaukee	PPQNMI-TLB-82-3188	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Guthrie, M C	
	MI, Cass Co	MI Monroe	PPQNMI-TLB-82-3203	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Waisanen, W	
	MI, Cass Co	MI Montmorency	PPQNMI-TLB-82-3251	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Ganger, J	
	MI, Cass Co	MI Newaygo	PPQNMI-TLB-82-3231	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Earl, T R	

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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>File Number</u>	<u>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Releaser Acronym, Name</u>	<u>Author, Common Name</u>
			<u>* = Specimens Kept</u>	
Bathyplectes	MI, Cass Co	MI Oakland	PPQNMI-TLB-82-3209	Hypera
anurus	PPQNMI/	7200e PHL	PPQNEV	postica
(Thomson)		May	Martin, E	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	MI, Cass Co	MI Ogemaw	PPQNMI-TLB-82-3188	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Guthrie, M C	
	MI, Cass Co	MI Osceola	PPQNMI-TLB-82-3188	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Guthrie, M C	
	MI, Cass Co	MI Presque Isle	PPQNMI-TLB-82-3251	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Ganger, J	
	MI, Cass Co	MI St Clair	PPQNMI-TLB-82-3197	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Waisanen, W	
	MI, Cass Co	MI St Joseph	PPQNMI-TLB-82-3272	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Eibling, J R	
	MI, Cass Co	MI Washtenaw	PPQNMI-TLB-82-3209	SAME
	PPQNMI/	7200e PHL	PPQNEV	
		May	Martin, E	
	KY, Oldham Co	MO Adair	PPQNMI-TLB-82-1157	SAME
	PPQ/	10500e PHL	PPQSCIV	
		May	Wallerich, J L	
	KY, Oldham Co	MO Buchanan	PPQNMI-TLB-82-1194	SAME
	PPQ/	17500e PHL	MODA	
		May	Burgess, L P	

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

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

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Bathyplectes	KY, Oldham Co	MO Jasper		PPQNMI-TLB-82-1167-8	Hypera
anurus	PPQ/	3500e PHL	1	MODA	postica
(Thomson)		May		Carmichael, O E	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	IN, Harrison Co	MO Jefferson		PPQNMI-TLB-82-2191	SAME
	PPQ/	21000e PHL	3	PPQSCIV	
		May		MacRae, T C	
	KY, Oldham Co	MO Knox		PPQNMI-TLB-82-1154	SAME
	PPQ/	10500e PHL	3	UMOEXT	
		May		Hummel, C	
	KY, Oldham Co	MO Lawrence		PPQNMI-TLB-82-1160	SAME
	PPQ/	7000e PHL	2	MODA	
		May		Carmichael, O E	
	KY, Oldham Co	MO Lawrence		PPQNMI-TLB-82-1167-1	SAME
	PPQ/	3500e PHL	1	MODA	
		May		Carmichael, O E	
	IN, Harrison Co	MO Lincoln		PPQNMI-TLB-82-2197	SAME
	PPQ/	21000e PHL	3	PPQSCIV	
		May		Brennecke, B J	
	IN, Harrison Co	MO Linn		PPQNMI-TLB-82-2179-2	SAME
	PPQ/	21000e PHL	1	UMO	
		May		Spurgeon, D	
	IN, Harrison Co	MO Macon		PPQNMI-TLB-82-2170	SAME
	PPQ/	21000e PHL	3	PPQSCIV	
		May		Wallerich, J L	
	IN, Harrison Co	MO Madison		PPQNMI-TLB-82-2203	SAME
	PPQ/	21000e PHL	3	UMOEXT	
		May		Zielinski, M	

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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>File Number</u>	<u>Genus</u>
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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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<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>
Bathyplectes	IN, Harrison Co	MO St Charles	PPQNMI-TLB-82-2200	Hypera
anurus	PPQ/	21000e PHL 3	PPQSCIV	postica
(Thomson)		May	Courtney, D F	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	IN, Harrison Co	MO Ste Genevieve	PPQNMI-TLB-82-2208-4	SAME
	PPQ/	21000e PHL 1	MODAS	
		May	Hanning, L	
	KY, Oldham Co	MO Vernon	PPQNMI-TLB-82-1175	SAME
	PPQ/	10500e PHL 3	UMOEXT	
		May	Graham, G	
	IN, Harrison Co	MO Washington	PPQNMI-TLB-82-2229	SAME
	PPQ/	21000e PHL 3	PPQSCIV	
		May	Brennecke, B J	
	KY, Oldham Co	MO Worth	PPQNMI-TLB-82-1184	SAME
	PPQ/	10500e PHL 3	PPQSCIV	
		May	Conner, F E	
	IN, Harrison Co	NC Allegheny	PPQNMI-TLB-82-2224-2	SAME
	PPQ/	7000e PHL 1	PPQSEIV	
		May	Savage, J	
	IN, Harrison Co	NC Ashe	PPQNMI-TLB-82-2224	SAME
	PPQ/	14000e PHL 2	PPQSEIV	
		May	Savage, J	
	KY, Oldham Co	NC Buncombe	PPQNMI-TLB-82-1084-2	SAME
	PPQ/	2992e PHL 1	PPQSEIV	
		Apr	Savage, J	
	KY, Oldham Co	NC Catawba	PPQNMI-TLB-82-1084-6	SAME
	PPQ/	2992e PHL 1	PPQSEIV	
		Apr	Savage, J	

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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>File Number</u>	<u>Genus</u>
<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	KY, Oldham Co	NC Cleveland	PPQNMI-TLB-82-1084-4	Hypera
anurus	PPQ/	2992e PHL 1	PPQSEIV	postica
(Thomson)		Apr	Savage, J	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	KY, Oldham Co	NC Davidson	PPQNMI-TLB-82-1096	SAME
	PPQ/	5984e PHL 2	PPQSEIV	
		Apr	Witt, K	
	IN, Harrison Co	NC Davidson	PPQNMI-TLB-82-2120-1	SAME
	PPQ/	2040e PHL 1	PPQSEIV	
		Apr	Witt, K	
	KY, Oldham Co	NC Haywood	PPQNMI-TLB-82-1084-1	SAME
	PPQ/	2992e PHL 1	PPQSEIV	
		Apr	Savage, J	
	KY, Oldham Co	NC Henderson	PPQNMI-TLB-82-1084-3	SAME
	PPQ/	2992e PHL 1	PPQSEIV	
		Apr	Savage, J	
	IN, Harrison Co	NC Henderson	PPQNMI-TLB-82-2224-1	SAME
	PPQ/	7000e PHL 1	PPQSEIV	
		May	Savage, J	
	KY, Oldham Co	NC Lincoln	PPQNMI-TLB-82-1084-5	SAME
	PPQ/	2992e PHL 1	PPQSEIV	
		Apr	Savage, J	
	KY, Oldham Co	NC Orange	PPQNMI-TLB-82-1096-1	SAME
	PPQ/	2992e PHL 1	PPQSEIV	
		Apr	Witt, K	
	IN, Harrison Co	NC Orange	PPQNMI-TLB-82-2120	SAME
	PPQ/	4080e PHL 2	PPQSEIV	
		Apr	Witt, K	

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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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<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	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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Bathyplectes	KY, Oldham Co	NE Harlan	PPQNMI-TLB-82-1320	Hypera
anurus	PPQ/	15000e PHL	UNEEXT	postica
(Thomson)		May	Anderson, T	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	KY, Oldham Co	NE Hitchcock	PPQNMI-TLB-82-1332	SAME
	PPQ/	15000e PHL	UNEEXT	
		May	Danielson, S	
	IN, Harrison Co	NE Howard	PPQNMI-TLB-82-2324	SAME
	PPQ/	18000e PHL	UNEEXT	
		May	Klahr, M	
	IN, Harrison Co	NE Keith	PPQNMI-TLB-82-1350	SAME
	PPQ/	18000e PHL	PPQSCIV	
		May	Lambert, J	
	KY, Oldham Co	NE Lincoln	PPQNMI-TLB-82-1326	SAME
	PPQ/	30000e PHL	UNEEXT	
		May	O'Brien, D	
	IN, Harrison Co	NE Morrill	PPQNMI-TLB-82-2333	SAME
	PPQ/	30000e PHL	PPQSCIV	
		May	O'Dea, D	
	IN, Harrison Co	NE Nance	PPQNMI-TLB-82-2321	SAME
	PPQ/	18000e PHL	PPQSCIV	
		May	Niemeyer, S	
	IN, Harrison Co	NE Nuckolls	PPQNMI-TLB-82-2312	SAME
	PPQ/	18000e PHL	UNEEXT	
		May	Hawley, C	
	KY, Oldham Co	NE Perkins	PPQNMI-TLB-82-1334	SAME
	PPQ/	15000e PHL	UNEEXT	
		May	Peterson, L A	

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

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

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Bathyplectes	IN, Harrison Co	OK Harper		PPQNM-ILB-82-2082	Hypera
anurus	PPQ/	2040e PHL	1	OKSDA	postica
(Thomson)		Apr		Molnar, D	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	IN, Harrison Co	OK Kiowa		PPQNM-ILB-82-2075	SAME
	PPQ/	5100e PHL	3	PPQSCII	
		Apr		Hudson, M	
	KY, Oldham Co	OK Logan		PPQNM-ILB-82-1061	SAME
	PPQ/	6120e PHL	3	PPQSCII	
		May		Barker, J W	
	IN, Harrison Co	OK Love		PPQNM-ILB-82-2074	SAME
	PPQ/	5100e PHL	3	OKSDA	
		Apr		Michael, O	
	IN, Harrison Co	OK Murray		PPQNM-ILB-82-2063	SAME
	PPQ/	3400e PHL	2	OKSDA	
		Apr		Kingsbery, W	
	IN, Harrison Co	OK Muskogee		PPQNM-ILB-82-2048	SAME
	PPQ/	6120e PHL	3	OKSDA	
		Apr		Ridge, D	
	IN, Harrison Co	OK Nowata		PPQNM-ILB-82-2054-1	SAME
	PPQ/	3400e PHL	1	PPQSCII	
		May		Campbell, H C	
	IN, Harrison Co	OK Ottawa		PPQNM-ILB-82-2054	SAME
	PPQ/	6800e PHL	2	PPQSCII	
		May		Campbell, H C	
	KY, Oldham Co	OK Pawnee		PPQNM-ILB-82-1064	SAME
	PPQ/	8160e PHL	4	OKSDA	
		Apr		Grantham, A A	

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Bathyplectes	IN, Harrison Co	OK Roger Mills	PPQNMI-TLB-82-2057	Hypera
anurus	PPQ/	6120e PHL 2	OKSDA	postica
(Thomson)		Apr	Dudek, C	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	KY, Oldham Co	OK Texas	PPQNMI-TLB-82-1076	SAME
	PPQ/	12240e PHL 4	OKSDA	
		Apr	Metz, R E	
	KY, Oldham Co	OK Woods	PPQNMI-TLB-82-1083	SAME
	PPQ/	2040e PHL 1	PPQSCII	
		May	Crossland, S	
	KY, Oldham Co	OK Woodward	PPQNMI-TLB-82-1110	SAME
	PPQ/	40800e PHL 1	OKSDA	
		May	Molnar, D	
	KY, Oldham Co	OK Woodward	PPQNMI-TLB-82-1354	SAME
	PPQ/	80000e PHL 1	PPQSCII	
		May	Thomas, J H	
	IN, Harrison Co	OK Woodward	PPQNMI-TLB-82-2123	SAME
	PPQ/	63000e PHL 1	OKSDA	
		May	Molnar, D	
	IN, Harrison Co	SC Cherokee	PPQNMI-TLB-82-2109	SAME
	PPQ/	6120e PHL 2	PPQSEIV	
		Apr	Bradshear, A L	
	IN, Harrison Co	SC Greenville	PPQNMI-TLB-82-2101	SAME
	PPQ/	6120e PHL 1	PPQSEIV	
		Apr	Goolsby, B F	
	IN, Harrison Co	SC Greenville	PPQNMI-TLB-82-2105	SAME
	PPQ/	4080e PHL 2	SCCUEXT	
		Apr	Palmer, K	

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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	KY, Oldham Co PPQ/	SC Newberry 8976e PHL Apr	3	PPQNMI-TLB-82-1090 PPQSEIV King, J L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	SC Orangeburg 12240e PHL Apr	1	PPQNMI-TLB-82-2110 PPQSEIV Langford, P W	SAME
	KY, Oldham Co PPQ/	SC Saluda 8976e PHL Apr	3	PPQNMI-TLB-82-1090 PPQSEIV King, J L	SAME
	MI, Berrien Co PPQNMI/	SD Bennett 1140e PHL Jun	1	PPQNMI-TLB-82-3340-4 PPQWV Tucker, D	SAME
	MI, Berrien Co PPQNMI/	SD Butte 1900e PHL Jun	1	PPQNMI-TLB-82-3333-2 PPQWV McClanahan, S A	SAME
	US, NJ, PA, OH, VA, WV+ PPQ/	SD Fall River 600e A Jun	3	PPQNMI-TLB-82-1108 PPQWV Tucker, D	SAME
	MI, Berrien Co PPQNMI/	SD Fall River 3420e PHL Jun	3	PPQNMI-TLB-82-3340 PPQWV Tucker, D	SAME
	US, NJ, PA, OH, VA, WV+ PPQ/	SD Haakon 400e A Jun	2	PPQNMI-TLB-82-2108 SDDA Krsnak, J	SAME
	MI, Berrien Co PPQNMI/	SD Haakon 2280e PHL Jun	2	PPQNMI-TLB-82-3335 SDDA Krsnak, J	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>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	US, NJ, PA, OH, VA, WV+	SD Lyman		PPQNM-ILB-82-2108	Hypera
anurus	PPQ/	600e A	3	SDDA	postica
(Thomson)		Jun		Krsnak, J	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	MI, Berrien Co	SD Lyman		PPQNM-ILB-82-3335	SAME
	PPQNM/	3420e PHL	3	SDDA	
		Jun		Krsnak, J	
	MI, Berrien Co	SD Meade		PPQNM-ILB-82-3333-3	SAME
	PPQNM/	2280e PHL	1	PPQWV	
		Jun		McClanahan, S A	
	MI, Berrien Co	SD Pennington		PPQNM-ILB-82-3333-1	SAME
	PPQNM/	1900e PHL	1	PPQWV	
		Jun		McClanahan, S A	
	KY, Oldham Co	TN Bedford		PPQNM-ILB-82-1022	SAME
	PPQ/	3060e PHL	3	UTNEXT	
		Apr		Gordon, D H	
	KY, Oldham Co	TN Bradley		PPQNM-ILB-82-1031	SAME
	PPQ/	3060e PHL	3	PPQSEIII	
		Apr		Harris, R F	
	IN, Harrison Co	TN Bradley		PPQNM-ILB-82-2215	SAME
	PPQ/	21000e PHL	3	PPQSEIII	
		May		Harris, R F	
	IN, Harrison Co	TN Carroll		PPQNM-ILB-82-2045	SAME
	PPQ/	4080e PHL	1	UTNEXT	
		Apr		Keeton, B B	
	KY, Oldham Co	TN Clay		PPQNM-ILB-82-1054	SAME
	PPQ/	3060e PHL	3	UTNEXT	
		Apr		Beaty, J C	

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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>Releaser Acronym, Name</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	
Bathyplectes	KY, Oldham Co	TN Coffee	PPQNM-ILB-82-1016	Hypera
anurus	PPQ/	3060e PHL	3	UTNEXT
(Thomson)		Apr	Taylor, J L	postica
Hymenoptera				(Gyllenhal)
Ichneumonidae				alfalfa weevil
	KY, Oldham Co	TN Cumberland	PPQNM-ILB-82-1043	SAME
	PPQ/	3060e PHL	3	UTNEXT
		Apr	Thackston, R	
	IN, Harrison Co	TN Davidson	PPQNM-ILB-82-2012	SAME
	PPQ/	4080e PHL	3	UTNEXT
		Apr	Knight, F E	
	IN, Harrison Co	TN Dickson	PPQNM-ILB-82-2009	SAME
	PPQ/	4080e PHL	3	UTNEXT
		Apr	Shepard, M O	
	IN, Harrison Co	TN Dyer	PPQNM-ILB-82-2032	SAME
	PPQ/	4080e PHL	3	PPQSEIII
		Apr	Stafford, B G	
	KY, Oldham Co	TN Dyer	PPQNM-ILB-82-1214	SAME
	PPQ/	15000e PHL	3	PPQSEIII
		May	Stafford, B G	
	IN, Harrison Co	TN Fayette	PPQNM-ILB-82-2030	SAME
	PPQ/	2720e PHL	2	UTNEXT
		Apr	Jackson, W R	
	KY, Oldham Co	TN Fayette	PPQNM-ILB-82-1212	SAME
	PPQ/	10000e PHL	2	UTNEXT
		May	Jackson, W R	
	KY, Oldham Co	TN Fentress	PPQNM-ILB-82-1046	SAME
	PPQ/	2040e PHL	2	UTNEXT
		Apr	Smith, R D	

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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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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Bathyplectes	KY, Oldham Co	TN Franklin	PPQNMI-TLB-82-1019	Hypera
anurus	PPQ/	3060e PHL	UTNEXT	postica
(Thomson)		Apr	Carr, P	(Gyllenhal)
Hymenoptera				alfalfa weevil
Ichneumonidae				
	IN, Harrison Co	TN Giles	PPQNMI-TLB-82-2021	SAME
	PPQ/	4080e PHL	UTNEXT	
		Apr	Taylor, J D	
	IN, Harrison Co	TN Giles	PPQNMI-TLB-82-2228	SAME
	PPQ/	210000e PHL	PPQSEIII	
		May	Watson, E B	
	IN, Harrison Co	TN Henry	PPQNMI-TLB-82-2038	SAME
	PPQ/	4080e PHL	PPQSEIII	
		Apr	Stafford, B G	
	IN, Harrison Co	TN Lake	PPQNMI-TLB-82-2038-4	SAME
	PPQ/	1360e PHL	PPQSEIII	
		Apr	Stafford, B G	
	KY, Oldham Co	TN Lake	PPQNMI-TLB-82-1214-1	SAME
	PPQ/	5000e PHL	PPQSEIII	
		May	Stafford, B G	
	IN, Harrison Co	TN Lauderdale	PPQNMI-TLB-82-2032	SAME
	PPQ/	4080e PHL	PPQSEIII	
		Apr	Stafford, B G	
	KY, Oldham Co	TN Lauderdale	PPQNMI-TLB-82-1214	SAME
	PPQ/	15000e PHL	PPQSEIII	
		May	Stafford, B G	
	IN, Harrison Co	TN Lawrence	PPQNMI-TLB-82-2024	SAME
	PPQ/	4080e PHL	UTNEXT	
		Apr	Matthews, J T	

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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>	
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Bathyplectes	KY, Oldham Co	TN Lincoln	PPQNMI-TLB-82-1025	Hypera
anurus	PPQ/	3060e PHL	3	UTNEXT
(Thomson)		Apr	Winsett, J	postica
Hymenoptera				(Gyllenhal)
Ichneumonidae				alfalfa weevil
	KY, Oldham Co	TN Loudon	PPQNMI-TLB-82-1031	SAME
	PPQ/	3060e PHL	3	PPQSEIII
		Apr	Harris, R F	
	IN, Harrison Co	TN Loudon	PPQNMI-TLB-82-2215	SAME
	PPQ/	21000e PHL	3	PPQSEIII
		May	Harris, R F	
	KY, Oldham Co	TN Macon	PPQNMI-TLB-82-1006	SAME
	PPQ/	3060e PHL	3	UTNEXT
		Apr	Breeding, D	
	IN, Harrison Co	TN Marshall	PPQNMI-TLB-82-2018	SAME
	PPQ/	4080e PHL	3	UTNEXT
		Apr	Brewer, L R	
	IN, Harrison Co	TN Maury	PPQNMI-TLB-82-2015	SAME
	PPQ/	4080e PHL	3	UTNEXT
		Apr	Shepard, J B	
	KY, Oldham Co	TN McMinn	PPQNMI-TLB-82-1031	SAME
	PPQ/	3060e PHL	2	PPQSEIII
		Apr	Harris, R F	
	IN, Harrison Co	TN McMinn	PPQNMI-TLB-82-2215	SAME
	PPQ/	21000e PHL	2	PPQSEIII
		May	Harris, R F	
	IN, Harrison Co	TN Montgomery	PPQNMI-TLB-82-2000	SAME
	PPQ/	4080e PHL	3	PPQSEIII
		Apr	Loucks, M V	

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

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>File Number</u>	<u>Genus</u>
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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Sumner 15000e PHL May	3 PPQNMI-TLB-82-1203 PPQSEIII Loucks, M V	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	TN Tipton 4080e PHL Apr	3 PPQNMI-TLB-82-2027 UTNEXT Shelby, T O	SAME
	KY, Oldham Co PPQ/	TN Warren 3060e PHL Apr	3 PPQNMI-TLB-82-1028 UTNEXT Ayers, C L	SAME
	KY, Oldham Co PPQ/	TN White 3060e PHL Apr	3 PPQNMI-TLB-82-1040 UTNEXT Jernigan, B H	SAME
	KY, Oldham Co PPQ/	TN Williamson 3060e PHL Apr	3 PPQNMI-TLB-82-1009 PPQSEIII Watson, E B	SAME
	KY, Oldham Co PPQ/	TN Wilson 2040e PHL Apr	2 PPQNMI-TLB-82-1000 PPQSEIII Watson, E B	SAME
	KY, Oldham Co PPQ/	TN Wilson 1020e PHL Apr	1 PPQNMI-TLB-82-1009-1 PPQSEIII Watson, E B	SAME
	MI, Cass Co PPQNMI/	WI Adams 4810e PHL May	1 PPQNMI-TLB-82-3094-3 UWIEXT VanFleet, R	SAME
	MI, Berrien Co PPQNMI/	WI Barron 2160e PHL Jun	3 PPQNMI-TLB-82-3290 UWIEXT Vruwink, H	SAME

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

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/	WI Door 2160e PHL Jun	3 PPQNMI-TLB-82-3312 UWIEXT Schachtner, N	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	WI Dunn 2160e PHL Jun	3 PPQNMI-TLB-82-3302 UWIEXT Sommerfield, K	SAME
	MI, Berrien Co PPQNMI/	WI Florence 2160e PHL Jun	2 PPQNMI-TLB-82-3281 UWIEXT Anderson, W G	SAME
	MI, Cass Co PPQNMI/	WI Fond du Lac 14430e PHL May	3 PPQNMI-TLB-82-3104 UWIEXT Jennings, N S	SAME
	MI, Cass Co PPQNMI/	WI Grant 14430e PHL May	3 PPQNMI-TLB-82-3063 UWIEXT Wood, T	SAME
	MI, Cass Co PPQNMI/	WI Green 19240e PHL May	4 PPQNMI-TLB-82-3069 UWIEXT Biese, J J	SAME
	MI, Cass Co PPQNMI/	WI Iowa 14430e PHL May	3 PPQNMI-TLB-82-3058 UWIEXT Draves, L	SAME
	MI, Cass Co PPQNMI/	WI Jefferson 14430e PHL May	3 PPQNMI-TLB-82-3097 PPQNEV Bedford, J	SAME
	MI, Cass Co PPQNMI/	WI Jefferson 4810e PHL May	1 PPQNMI-TLB-82-3112-1 UWIEXT Richards, R P	SAME

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<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>
Bathyplectes	MI, Cass Co	WI Manitowoc	Hypera
anurus	PPQNMI/	14430e PHL 3	postica
(Thomson)		May	(Gyllenhal)
Hymenoptera			alfalfa weevil
Ichneumonidae			
	MI, Berrien Co	WI Marathon	SAME
	PPQNMI/	2160e PHL 3	
		Jun	
	MI, Cass Co	WI Monroe	SAME
	PPQNMI/	14430e PHL 3	
		May	
	MI, Berrien Co	WI Outagamie	SAME
	PPQNMI/	2160e PHL 3	
		Jun	
	MI, Berrien Co	WI Pierce	SAME
	PPQNMI/	2160e PHL 3	
		Jun	
	MI, Berrien Co	WI Polk	SAME
	PPQNMI/	2160e PHL 3	
		Jun	
	MI, Berrien Co	WI Portage	SAME
	PPQNMI/	2880e PHL 4	
		Jun	
	MI, Cass Co	WI Rock	SAME
	PPQNMI/	14430e PHL 3	
		May	
	MI, Cass Co	WI Sauk	SAME
	PPQNMI/	14430e PHL 3	
		May	

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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>Releaser Acronym, Name</u>	<u>Species, Subspecies</u>
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Bathyplectes	MI, Berrien Co	WI Shawano		PPQNMI-TLB-82-3319	Hypera
anurus	PPQNMI/	2160e PHL	3	UWIEXT	postica
(Thomson)		Jun		Blonde, M P	(Gyllenhal)
Hymenoptera					alfalfa weevil
Ichneumonidae					
	MI, Cass Co	WI Sheboygan		PPQNMI-TLB-82-3095-4	SAME
	PPQNMI/	14430e PHL	3	PPQNEV	
		May		Hayward, J T	
	MI, Berrien Co	WI St Croix		PPQNMI-TLB-82-3284	SAME
	PPQNMI/	2160e PHL	2	PPQNEV	
		Jun		Graeber, H P	
	MI, Cass Co	WI Trempealeau		PPQNMI-TLB-82-3052	SAME
	PPQNMI/	4810e PHL	1	UWIEXT	
		May		Ausderau, E	
	MI, Cass Co	WI Trempealeau		PPQNMI-TLB-82-3081	SAME
	PPQNMI/	9620e PHL	2	UWIEXT	
		May		Ausderau, E	
	MI, Cass Co	WI Washington		PPQNMI-TLB-82-3074	SAME
	PPQNMI/	4810e PHL	1	UWIEXT	
		May		Trzebiatowski, J	
	MI, Cass Co	WI Washington		PPQNMI-TLB-82-3115	SAME
	PPQNMI/	9620e PHL	2	UWIEXT	
		May		Trzebiatowski, J	
	MI, Cass Co	WI Waukesha		PPQNMI-TLB-82-3112	SAME
	PPQNMI/	9620e PHL	2	UWIEXT	
		May		Richards, R P	
	MI, Cass Co	WI Waushara		PPQNMI-TLB-82-3089	SAME
	PPQNMI/	9620e PHL	2	UWIEXT	
		May		Olson, M	

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Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	WI Waushara 4810e PHL 1 May	PPQNMI-TLB-82-3092 UWIEXT Olson, M	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	WV Roane 30000e PHL 3 May	PPQNMI-TLB-82-1296 PPQNEVII Tustin, A E	SAME
	KY, Oldham Co PPQ/	WV Upshur 30000e PHL 2 May	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	KY, Oldham Co	KY	PPQNMI-TLB-82-4012
curculionis	PPQ/	? e PHL ?	Hypera
(Thomson)		Apr to May	postica
Hymenoptera		NOTE: 079	(Gyllenhal)
Ichneumonidae			alfalfa weevil
	MI, Cass Co	MI	PPQNMI-TLB-82-4034
	PPQNMI/	? e PHL ?	SAME
		May	
		NOTE: 079	
	KY	MO	PPQNMI-TLB-82-4019
	IN	? e PHL ?	SAME
	PPQ/	May	
		NOTE: 079	
	KY	NC	PPQNMI-TLB-82-4015
	IN	? e PHL ?	SAME
	PPQ/	Apr to May	
		NOTE: 079	
	MI, Berrien Co	ND	PPQNMI-TLB-82-4035
	PPQNMI/	? e PHL ?	SAME
		Jun	
		NOTE: 079	
	KY	NE	PPQNMI-TLB-82-4027
	IN	? e PHL ?	SAME
	PPQ/	May	
		NOTE: 079	
	MI, Cass Co	OH	PPQNMI-TLB-82-4032
	PPQNMI/	? e PHL ?	SAME
		May	
		NOTE: 079	

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

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

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Bracon gelechiae Ashmead Hymenoptera Braconidae	Pakistan UCR CIBCPS/AIM	CA Imperial 9800e A Jul to Aug	UCR-EFL-82-0007 UCR	Pectinophora gossypiella (Saunders) pink bollworm
	Pakistan UCR CIBCPS/AIM	CA Riverside 11300e A Aug to Sep NOTE: 083	UCR-EFL-82-0015 UCR	SAME
Cales noacki Howard Hymenoptera Aphelinidae	Chile UCR	CA Ventura 10000e A Sep NOTE: 130	UCR-PD-82-0016 UCR Rose, M J	Aleurothrixus floccosus (Maskell) woolly whitefly
	Chile UCR	CA Ventura 800e A Dec	UCR-PD-82-0022 UCR Rose, M J	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 473 A Jan	HDA-BRK-82-0004 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 9676 A Feb to Jun NOTE: 036	HDA-BRK-82-0011 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 695 A Jul	HDA-BRK-82-0026 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 10 A Aug	HDA-BRK-82-0031 HDA Kumashiro, B R	SAME

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

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

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Campoplex n. sp. Hymenoptera Ichneumonidae	Mexico HDA	HI Maui 1177 A 2 Dec	HDAM-NM-82-0035 HDAM Miyahira, N	Keiferia lycopersicella (Walsingham) tomato pinworm
	Mexico HDA	HI Maui (Molokai I) 130e A 1 Feb	HDAM-NM-82-0005 UHIEXT Arakaki, A	SAME
Cerchysiella utilis (Noyes) Hymenoptera Encyrtidae	Kenya HDA HDA/KTM	HI Maui 4550 A 2 Jan to Feb	HDAM-NM-82-0003 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 18175 A 3 Mar to Apr	HDAM-NM-82-0013 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 8180 A 4 May	HDAM-NM-82-0019 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle

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

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
Cerchysiella utilis (Noyes) Hymenoptera Encyrtidae	Kenya HDA HDA/KTM HDA/RAH	HI Maui 9500 A 5 Dec	HDAM-NM-82-0038 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui (Lanai I) 500 A 1 Feb	HDAM-NM-82-0008 HDAM Miyahira, N	SAME Carpophilus humeralis (Fabricius) pineapple souring beetle
Chrysocharis liriomyzae Delucchi Hymenoptera Eulophidae	PA, Chester BIRL/FCE, VLM	OH Wayne 52 A 1 Jul	BIRL-RMH-82-0132 OARDC Flessel, J K	Agromyza frontella (Rondani) alfalfa blotch leafminer
	NJ, Burlington BIRL/FCE	OH Wayne 117 A 1 Jul	BIRL-RMH-82-0147 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE	VA Botetourt 53e A 1 Jun	BIRL-RMH-82-0099 PPQ RVA Clement, G L	SAME
	PA, Chester BIRL/FCE, VLM	WV Greenbrier 6 A 1 Jul	BIRL-RMH-82-0144 WVDAU Bostic, E	SAME
Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Hawaii 300e A 3 Jun	HDA-KTM-82-0036 HDAH Yoshioka, E R	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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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Chrysocharis	USA CA	HI Honolulu		HDA-KTM-82-0002	Liriomyza
parksi	HDA	300 A	1	HDA	sativae
Crawford	HDA/RMB	Jan		Murai, K T	Blanchard
Hymenoptera					vegetable leafminer
Eulophidae					Liriomyza
					trifolii
					(Burgess)
					leafminer
	USA CA	HI Honolulu		HDA-KTM-82-0007	Liriomyza
	HDA	1000 A	1	HDA	sativae
	HDA/RMB	Feb		Murai, K T	Blanchard
					vegetable leafminer
					Liriomyza
					trifolii
					(Burgess)
					leafminer
	USA CA	HI Honolulu		HDA-KTM-82-0013	Liriomyza
	HDA	1205 A	2	HDA	sativae
	HDA/RMB	Mar		Murai, K T	Blanchard
					vegetable leafminer
					Liriomyza
					trifolii
					(Burgess)
					leafminer
	USA CA	HI Honolulu		HDA-KTM-82-0017	Liriomyza
	HDA	1665 A	2	HDA	sativae
	HDA/RMB	Apr		Murai, K T	Blanchard
					vegetable leafminer
					Liriomyza
					trifolii
					(Burgess)
					leafminer

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Chrysocharis	USA CA	HI Honolulu	HDA-KTM-82-0024
parksii	HDA	1305 A	HDA
Crawford	HDA/RMB	May	Murai, K T
Hymenoptera			
Eulophidae			

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Chrysocharis	USA CA	HI Honolulu	HDA-KTM-82-0088	Liriomyza
parksi	HDA	530 A	HDA	sativae
Crawford	HDA/RMB	Dec	Murai, K T	Blanchard
Hymenoptera				vegetable leafminer
Eulophidae				Liriomyza
				trifolii
				(Burgess)
				leafminer
	USA CA	HI Maui	HDA-KTM-82-0025	Liriomyza
	HDA	4950e A	HDA	sativae
	HDA/RMB	May to Jun	Miyahira, N	Blanchard
				vegetable leafminer
				Liriomyza
				trifolii
				(Burgess)
				leafminer
	USA CA	HI Maui	HDA-KTM-82-0047	SAME
	HDA	3490e A	HDAM	
	HDA/RMB	Jul	Miyahira, N	
				Liriomyza
				sativae
				Blanchard
				vegetable leafminer
	USA CA	HI Maui	HDA-KTM-82-0056	SAME
	HDA	1550e A	HDAM	
	HDA/RMB	Aug	Miyahira, N	
				Liriomyza
				trifolii
				(Burgess)
				leafminer
	USA CA	HI Maui	HDA-KTM-82-0080	Liriomyza
	HDA	1780e A	HDAM	sativae
	HDA/RMB	Nov	Miyahira, N	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 Dec	1 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 Jun	3 HDA-KTM-82-0035 HDAH Yoshioka, E R	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Hawaii 250e A Nov	1 HDA-KTM-82-0079 HDAH Yoshioka, E R	SAME Liriomyza sativae Blanchard vegetable leafminer
	Trinidad HDA	HI Honolulu 2790 A Jan	2 HDA-KTM-82-0001 HDA Murai, K T	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
Chrysocharis	Trinidad	HI Honolulu	Liriomyza
sp. nr. giraulti	HDA	6740 A 1	sativae
Yoshimoto		Feb	Blanchard
Hymenoptera			vegetable leafminer
Eulophidae			Liriomyza
			trifolii
			(Burgess)
			leafminer
	Trinidad	HI Honolulu	Liriomyza
	HDA	4995 A 2	sativae
		Mar	Blanchard
			vegetable leafminer
			Liriomyza
			trifolii
			(Burgess)
			leafminer
	Trinidad	HI Honolulu	Liriomyza
	HDA	3750 A 2	sativae
		Apr	Blanchard
			vegetable leafminer
			Liriomyza
			trifolii
			(Burgess)
			leafminer
	Trinidad	HI Honolulu	SAME
	HDA	850 A 2	
		May	
			Liriomyza
			sativae
			Blanchard
			vegetable leafminer
	Trinidad	HI Honolulu	SAME
	HDA	500 A 1	
		Aug	
			Liriomyza
			trifolii
			(Burgess)
			leafminer

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<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>	<u>Species, Subspecies</u>
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Chrysocharis	Trinidad	HI Maui	Liriomyza
sp. nr. giraulti	HDA	2900e A 2	trifolii
Yoshimoto		May	(Burgess)
Hymenoptera			leafminer
Eulophidae			Liriomyza
			sativae
			Blanchard
			vegetable leafminer
	Trinidad	HI Maui	SAME
	HDA	4650e A 2	
		Jun	
			Liriomyza
			trifolii
			(Burgess)
			leafminer
	Trinidad	HI Maui	Liriomyza
	HDA	3100e A 3	sativae
		Jul	Blanchard
			vegetable leafminer
			Liriomyza
			trifolii
			(Burgess)
			leafminer
	Trinidad	HI Maui	Liriomyza
	HDA	675e A 1	sativae
		Aug	Blanchard
			vegetable leafminer
			Liriomyza
			trifolii
			(Burgess)
			leafminer
	Trinidad	HI Maui	SAME
	HDA	2400e A 1	
		Sep	
			Liriomyza
			sativae
			Blanchard
			vegetable leafminer

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>Author, Common Name</u>
Chrysocharis	Trinidad	HI Maui	HDA-KTM-82-0072	Liriomyza
sp. nr. giraulti	HDA	1450e A 1	HDAM	sativae
Yoshimoto		Oct	Miyahira, N	Blanchard
Hymenoptera				vegetable leafminer
Eulophidae				Liriomyza
				trifolii
				(Burgess)
				leafminer
	Trinidad	HI Maui	HDA-KTM-82-0078	Liriomyza
	HDA	1350e A 1	HDAM	sativae
		Nov	Miyahira, N	Blanchard
				vegetable leafminer
				Liriomyza
				trifolii
				(Burgess)
				leafminer
	Trinidad	HI Maui	HDA-KTM-82-0087	Liriomyza
	HDA	1000e A 1	HDAM	sativae
		Dec	Miyahira, N	Blanchard
				vegetable leafminer
				Liriomyza
				trifolii
				(Burgess)
				leafminer
	Trinidad	HI Maui (Molokai I)	HDA-KTM-82-0012	Liriomyza
	HDA	875e A ?	UHIEXT	sativae
		Mar	Arakaki, A	Blanchard
		NOTE: 036		vegetable leafminer
				Liriomyza
				trifolii
				(Burgess)
				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 FSRTPNP 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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Chrysonotomyia punctiventris (Crawford) Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Maui 150e A 1 Dec	HDA-KTM-82-0091 HDAM Miyahira, N	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
Chrysonotomyia ruforum (Krausse) Hymenoptera Eulophidae	Germany, West CIBCES/KPC	NC Avery 71 A 1 May	BIRL-82-0067 FSANC FS RTPNC Huber, C M Drooz, A T	Diprion similis (Hartig) introduced pine sawfly
	Germany, West CIBCES/KPC	NC Avery 103e A 1 May	BIRL-82-0079 FSANC FS RTPNC Huber, C M Drooz, A T	SAME
	Germany, West CIBCES/KPC	NC Avery 113 A 1 May	BIRL-82-0089 FSANC FS RTPNC Huber, C M Drooz, A T	SAME
	Germany, West CIBCES/KPC	NC Avery 126 A 1 Jun	BIRL-82-0094 FSANC Wilson, R	SAME
	Germany, West CIBCES/KPC	NC Avery 36 A 1 Jun	BIRL-82-0101 FSANC Huber, C M	SAME
	Germany, West CIBCES/KPC	NC Avery 80 A 1 Jun	BIRL-82-0119 FSANC Huber, C M	SAME

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

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

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

Lymantria
dispar
(Linnaeus)
gypsy moth

SAME

potential alternate
lepidopterous hosts

See Note 137

SAME

SAME

Lymantria
dispar
(Linnaeus)
gypsy moth

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

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Corsoncus	Costa Rica	FL Dade	SRQF-82-0118
magus	SCCU/BMS, GRC	10 A	UFH
(Cresson)	SCCU	Jul	Waddill, V H
Hymenoptera	UFH/VHW		
Ichneumonidae	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0124
	SCCU/BMS, GRC	10 A	UFH
	SCCU	Jul	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0129
	SCCU/BMS, GRC	15 A	UFH
	SCCU	Jul	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
Cotesia	Pakistan	TX Cameron	PPQSBTX-JNW-82-0001-2
flavipes	TAMU	? e A	TXRGVSGA
(Cameron)	CIBCPS/MSM	Feb to Nov	
Hymenoptera		NOTE: 123	
Braconidae			
	Pakistan	TX Hidalgo	PPQSBTX-JNW-82-0001-1
	TAMU	? e A	TXRGVSGA
	CIBCPS/MSM	Feb to Nov	
		NOTE: 123	
	Pakistan	TX Starr	PPQSBTX-JNW-82-0001-4
	TAMU	? e A	TXRGVSGA
	CIBCPS/MSM	Feb to Nov	
		NOTE: 123	
	Pakistan	TX Willacy	PPQSBTX-JNW-82-0001-3
	TAMU	? e A	TXRGVSGA
	CIBCPS/MSM	Feb to Nov	
		NOTE: 123	

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

Lymantria
dispar
(Linnaeus)
gypsy moth

Plutella
xylostella
(Linnaeus)
diamondback moth

SAME

SAME

SAME

SAME

SAME

SAME

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

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

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

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Cyzenis	Canada	OR Clackamas	BIRL-82-0044
albicans	CFSTNS/DBM	448 A 2	ORDA
(Fallén)		Apr	West, M
Diptera			
Tachinidae			
	Canada	OR Clackamas	BIRL-82-0048
	CFSTNS/DBM	788 A 4	ORDA
		Apr	Kimberling, D
	Canada	OR Marion	BIRL-82-0048-4
	CFSTNS/DBM	200 A 1	ORDA
		Apr	Penrose, R L
	Canada	OR Marion	BIRL-82-0050
	CFSTNS/DBM	? A 1	ORDA
		Apr	Penrose, R L
	Canada	OR Washington	BIRL-82-0034
	CFSTNS/DBM	184 A 1	ORDA
		Apr	Penrose, R L
	Canada	OR Washington	BIRL-82-0040
	CFSTNS/DBM	258 A 2	ORDA
		Apr	Penrose, R L
	Canada	OR Washington	BIRL-82-0044-3
	CFSTNS/DBM	228 A 1	ORDA
		Apr	Penrose, R L
	Canada	OR Washington	BIRL-82-0048
	CFSTNS/DBM	329 A 2	ORDA
		Apr	West, M
			Penrose, R L
Dacnusa	PA, Chester	MD Baltimore	BIRL-RMH-82-0135
dryas	BIRL/FCE, VLM	237e A 1	MDDA
(Nixon)		Jul	Hollins, M
Hymenoptera			
Braconidae			
			Agromyza
			frontella
			(Rondani)
			alfalfa blotch 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>
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Dacnusa	NY, Tompkins	MD Carroll	Agromyza
dryas	BIRL/FCE	378e A 1	frontella
(Nixon)		Jul	(Rondani)
Hymenoptera			alfalfa blotch leafminer
Braconidae			
	NY, Tompkins	OH Wayne	SAME
	BIRL/FCE	323 A 2	
		Jun	OARDC
			Flessel, J K
	PA, Chester	OH Wayne	SAME
	BIRL/FCE, VLM	183 A 1	
		Jul	OARDC
			Flessel, J K
	PA, Chester	OH Wayne	SAME
	BIRL/FCE, VLM	186 A 1	
		Jul	OARDC
			Flessel, J K
	PA, Chester	VA Botetourt	SAME
	BIRL/FCE	45e A 1	
		Jun	BIRL-RMH-82-0098
			PPQRVA
			Clement, G L
	PA, Chester	WV Greenbrier	SAME
	BIRL/FCE, VLM	254 A 2	
		Jul	BIRL-RMH-82-0134
			WVDAU
			Bostic, E
	PA, Chester	WV Greenbrier	SAME
	BIRL/FCE, VLM	128 A 1	
		Jul	BIRL-RMH-82-0143
			WVDAU
			Bostic, E
Dendrosoter	Europe	CO Delta	Scolytus
protuberans	FSDOH	18000e A 4	multistriatus
(Nees)		Jul	(Marsham)
Hymenoptera			smaller Europ. elm bark beetle
Braconidae			

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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 (Marshall) 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/IR	NC Person 29 A May	1 PPQNM/IR-82-0043 NCDA Galloway, R H	Oulema melanopus (Linnaeus) cereal leaf beetle

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Diaparsis temporalis Horstmann Hymenoptera Ichneumonidae	MI, Berrien PPQNM/IRB	NC Person 5 A 1 May	PPQNM-ILB-82-0046 NCDA Galloway, R H Oulema melanopus (Linnaeus) cereal leaf beetle
Edovum puttleri Grissell Hymenoptera Eulophidae	Colombia BCIRL	DE New Castle 800e A, PHE 1 Jun	BCIRL-BP-82-0004-1 BIRL Tropp, J M Carr, M Y Leptinotarsa deceimlineata (Say) Colorado potato beetle
	Colombia BCIRL	DE New Castle 50 PHE 1 Jun	BIIL-RFWS-82-0033-1 BIRL Tropp, J M Carr, M Y SAME
	Colombia BCIRL	MD Carroll 500e A 1 May	BIIL-RFWS-82-0014 BIIL Schroder, R F W SAME
	Colombia BCIRL	MD Cecil 800e A, PHE 1 Jun	BCIRL-BP-82-0004-2 BIRL Tropp, J M Carr, M Y SAME
	Colombia BCIRL	MD Cecil 50 PHE 1 Jun	BIIL-RFWS-82-0033-2 BIRL Tropp, J M Carr, M Y SAME
	Colombia BCIRL	MD Prince Georges 14000e A 1 May	BIIL-RFWS-82-0008 BIIL Schroder, R F W Athanas, M M SAME

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

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

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

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Encarsia	USA, FL (ex Pakistan)	AL Autauga	PPQMTX-LEW-82-0022-1
lahorensis	FLDPIFL	? e PHN ?	PPQSEIII
(Howard)		Jul	
Hymenoptera		NOTE: 072, 118	
Aphelinidae			
	USA, FL (ex Pakistan)	AL Baldwin	PPQMTX-LEW-82-0022-2
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Barbour	PPQMTX-LEW-82-0022-3
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Bibb	PPQMTX-LEW-82-0022-4
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Bullock	PPQMTX-LEW-82-0022-5
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Butler	PPQMTX-LEW-82-0022-6
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Chambers	PPQMTX-LEW-82-0022-7
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 118	

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

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

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

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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>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	USA, FL (ex Pakistan)	AL Marengo	PPQMTX-LEW-82-0025-2	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 118		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	AL Mobile	PPQMTX-LEW-82-0025-3	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 118		
	USA, FL (ex Pakistan)	AL Monroe	PPQMTX-LEW-82-0025-4	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 118		
	USA, FL (ex Pakistan)	AL Montgomery	PPQMTX-LEW-82-0025-5	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 118		
	USA, FL (ex Pakistan)	AL Perry	PPQMTX-LEW-82-0025-6	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 118		
	USA, FL (ex Pakistan)	AL Pickens	PPQMTX-LEW-82-0025-7	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 118		
	USA, FL (ex Pakistan)	AL Pike	PPQMTX-LEW-82-0025-8	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 118		

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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>
Encarsia	USA, FL (ex Pakistan)	AL Randolph	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 118	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	AL Russell	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Shelby	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Sumter	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Talladega	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Tallapoosa	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 118	
	USA, FL (ex Pakistan)	AL Tuscaloosa	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 118	

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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	USA, FL (ex Pakistan)	AL Washington	PPQMTX-LEW-82-0026-7	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 118		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	AL Wilcox	PPQMTX-LEW-82-0026-8	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 118		
	USA, FL (ex Pakistan)	AR Arkansas	PPQMTX-LEW-82-0042-1	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Ashley	PPQMTX-LEW-82-0042-2	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Bradley	PPQMTX-LEW-82-0042-3	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Calhoun	PPQMTX-LEW-82-0042-4	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Chicot	PPQMTX-LEW-82-0042-5	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		

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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>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>
Encarsia	USA, FL (ex Pakistan)	AR Clark	PPQMTX-LEW-82-0042-6	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 121		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	AR Cleveland	PPQMTX-LEW-82-0042-7	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Columbia	PPQMTX-LEW-82-0042-8	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Dallas	PPQMTX-LEW-82-0042-9	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Desha	PPQMTX-LEW-82-0043-1	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Drew	PPQMTX-LEW-82-0043-2	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Grant	PPQMTX-LEW-82-0043-3	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		

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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>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>
Encarsia	USA, FL (ex Pakistan)	AR Hempstead	PPOMTX-LEW-82-0043-4	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 121		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	AR Howard	PPOMTX-LEW-82-0043-5	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Jefferson	PPOMTX-LEW-82-0043-6	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Lafayette	PPOMTX-LEW-82-0043-7	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Lincoln	PPOMTX-LEW-82-0043-8	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Little River	PPOMTX-LEW-82-0043-9	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Miller	PPOMTX-LEW-82-0044-1	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		

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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>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>
Encarsia	USA, FL (ex Pakistan)	AR Nevada	PPQMTX-LEW-82-0044-2	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 121		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	AR Ouachita	PPQMTX-LEW-82-0044-3	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Phillips	PPQMTX-LEW-82-0044-4	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Pike	PPQMTX-LEW-82-0044-5	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Sevier	PPQMTX-LEW-82-0044-6	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	USA, FL (ex Pakistan)	AR Union	PPQMTX-LEW-82-0044-7	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 121		
	FL, Alachua	FL Bay	UFG-RIS-82-0001	SAME
	UFG/RIS	? e PHN 1	IAMARL	
		Apr	Hogsette, J A	
		NOTE: 087		

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<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>	
Encarsia	USA, FL (ex Pakistan)	GA Appling	PPQMTX-LEW-82-0012-1	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEI	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 117		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	GA Atkinson	PPQMTX-LEW-82-0012-2	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Bacon	PPQMTX-LEW-82-0012-3	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Baker	PPQMTX-LEW-82-0012-4	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Baldwin	PPQMTX-LEW-82-0012-5	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Banks	PPQMTX-LEW-82-0012-6	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Barrow	PPQMTX-LEW-82-0012-7	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		

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

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<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	USA, FL (ex Pakistan)	GA Bullock	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 117	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	GA Burke	
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0013-7
		Jul	PPQSEI
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Butts	
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0013-8
		Jul	PPQSEI
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Calhoun	
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0013-9
		Jul	PPQSEI
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Camden	
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0014-1
		Jul	PPQSEI
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Candler	
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0014-2
		Jul	PPQSEI
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Carroll	
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0014-3
		Jul	PPQSEI
		NOTE: 072, 117	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>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>
Encarsia	USA, FL (ex Pakistan)	GA Charlton	PPQMTX-LEW-82-0014-4	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEI	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 117		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	GA Chatham	PPQMTX-LEW-82-0014-5	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Chattahoochee	PPQMTX-LEW-82-0014-6	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Clarke	PPQMTX-LEW-82-0014-7	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Clay	PPQMTX-LEW-82-0014-8	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Clayton	PPQMTX-LEW-82-0014-9	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Clinch	PPQMTX-LEW-82-0015-1	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		

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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>
Encarsia	USA, FL (ex Pakistan)	GA Cobb	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 117	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	GA Coffee	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Colquitt	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Columbia	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Cook	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Coweta	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Crawford	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	

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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>
Encarsia	USA, FL (ex Pakistan)	GA Crisp	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 117	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	GA De Kalb	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Decatur	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Dodge	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Dooly	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Dougherty	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Douglas	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	

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

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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>
Encarsia	USA, FL (ex Pakistan)	GA Franklin	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 117	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	GA Fulton	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Glascock	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Glynn	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Grady	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Greene	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Gwinnett	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	

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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	USA, FL (ex Pakistan)	GA Hancock	PPQMTX-LEW-82-0018-3	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEI	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 117		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	GA Haralson	PPQMTX-LEW-82-0018-4	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Harris	PPQMTX-LEW-82-0018-5	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Hart	PPQMTX-LEW-82-0018-6	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Heard	PPQMTX-LEW-82-0018-7	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Henry	PPQMTX-LEW-82-0018-8	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Houston	PPQMTX-LEW-82-0018-9	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		

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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>
Encarsia	USA, FL (ex Pakistan)	GA Irwin	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 117	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	GA Jackson	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Jasper	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Jeff Davis	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Jefferson	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Jenkins	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	
	USA, FL (ex Pakistan)	GA Johnson	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 117	

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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>Releaser Acronym, Name</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>
Encarsia	USA, FL (ex Pakistan)	GA Jones	PPQMTX-LEW-82-0019-8
lahorensis	FLDPIFL	? e PHN ?	PPQSEI
(Howard)		Jul	
Hymenoptera		NOTE: 072, 117	Dialeurodes
Aphelinidae			citri
			(Ashmead)
			citrus whitefly
	USA, FL (ex Pakistan)	GA Lamar	PPQMTX-LEW-82-0019-9
	FLDPIFL	? e PHN ?	PPQSEI
		Jul	
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Lanier	PPQMTX-LEW-82-0020-1
	FLDPIFL	? e PHN ?	PPQSEI
		Jul	
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Laurens	PPQMTX-LEW-82-0020-2
	FLDPIFL	? e PHN ?	PPQSEI
		Jul	
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Lee	PPQMTX-LEW-82-0020-3
	FLDPIFL	? e PHN ?	PPQSEI
		Jul	
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Liberty	PPQMTX-LEW-82-0020-4
	FLDPIFL	? e PHN ?	PPQSEI
		Jul	
		NOTE: 072, 117	SAME
	USA, FL (ex Pakistan)	GA Lincoln	PPQMTX-LEW-82-0020-5
	FLDPIFL	? e PHN ?	PPQSEI
		Jul	
		NOTE: 072, 117	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	USA, FL (ex Pakistan)	GA Long	PPQMTX-LEW-82-0020-6	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEI	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 117		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	GA Lowndes	PPQMTX-LEW-82-0020-7	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Macon	PPQMTX-LEW-82-0020-8	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Madison	PPQMTX-LEW-82-0020-9	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Marion	PPQMTX-LEW-82-0021-1	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Meriwether	PPQMTX-LEW-82-0021-2	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		
	USA, FL (ex Pakistan)	GA Miller	PPQMTX-LEW-82-0021-3	SAME
	FLDPIFL	? e PHN ?	PPQSEI	
		Jul		
		NOTE: 072, 117		

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

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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>File Number</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>
Encarsia	USA, FL (ex Pakistan)	LA Caddo	PPQMTX-LEW-82-0035-8
lahorensis	FLDPIFL	? e PHN ?	PPQSCIII
(Howard)		Jul	
Hymenoptera		NOTE: 072, 120	
Aphelinidae			
	USA, FL (ex Pakistan)	LA Calcasieu	PPQMTX-LEW-82-0035-9
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Caldwell	PPQMTX-LEW-82-0036-1
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Cameron	PPQMTX-LEW-82-0036-2
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Catahoula	PPQMTX-LEW-82-0036-3
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Claiborne	PPQMTX-LEW-82-0036-4
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Concordia	PPQMTX-LEW-82-0036-5
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	

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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	USA, FL (ex Pakistan)	LA De Soto	PPQMTX-LEW-82-0036-6	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 120		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	LA East Baton Rouge	PPQMTX-LEW-82-0036-7	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA East Carroll	PPQMTX-LEW-82-0036-8	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA East Feliciana	PPQMTX-LEW-82-0036-9	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA Evangeline	PPQMTX-LEW-82-0037-1	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA Franklin	PPQMTX-LEW-82-0037-2	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA Grant	PPQMTX-LEW-82-0037-3	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 120		

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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	USA, FL (ex Pakistan)	LA Iberia	PPQMTX-LEW-82-0037-4	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCI III	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 120		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	LA Iberville	PPQMTX-LEW-82-0037-5	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA Jackson	PPQMTX-LEW-82-0037-6	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA Jefferson	PPQMTX-LEW-82-0037-7	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA Jefferson Davis	PPQMTX-LEW-82-0037-8	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA La Salle	PPQMTX-LEW-82-0038-1	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA Lafayette	PPQMTX-LEW-82-0037-9	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		

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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>
Encarsia	USA, FL (ex Pakistan)	LA Livingston	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 120	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	LA Madison	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Morehouse	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Natchitoches	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Orleans	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Ouachita	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Plaquemines	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	

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

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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>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>
Encarsia	USA, FL (ex Pakistan)	LA St Helena	PPQMTX-LEW-82-0039-7	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCI III	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 120		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	LA St James	PPQMTX-LEW-82-0039-8	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA St John /Baptist	PPQMTX-LEW-82-0039-9	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA St Landry	PPQMTX-LEW-82-0040-1	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA St Martin	PPQMTX-LEW-82-0040-2	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA St Mary	PPQMTX-LEW-82-0040-3	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		
	USA, FL (ex Pakistan)	LA St Tammany	PPQMTX-LEW-82-0040-4	SAME
	FLDPIFL	? e PHN ?	PPQSCI III	
		Jul		
		NOTE: 072, 120		

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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>
Encarsia	USA, FL (ex Pakistan)	LA Tangipahoa	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 120	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	LA Tensas	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Terrebonne	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Union	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Vermilion	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Vernon	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Washington	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 120	

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>
Encarsia	USA, FL (ex Pakistan)	LA Webster	PPQMTX-LEW-82-0041-3
lahorensis	FLDPIFL	? e PHN ?	PPQSCIII
(Howard)		Jul	
Hymenoptera		NOTE: 072, 120	
Aphelinidae			
	USA, FL (ex Pakistan)	LA West Baton Rouge	PPQMTX-LEW-82-0041-4
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA West Carroll	PPQMTX-LEW-82-0041-5
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA West Feliciana	PPQMTX-LEW-82-0041-6
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	LA Winn	PPQMTX-LEW-82-0041-7
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 120	
	USA, FL (ex Pakistan)	MS Adams	PPQMTX-LEW-82-0027-1
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Amite	PPQMTX-LEW-82-0027-2
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Encarsia	USA, FL (ex Pakistan)	MS Attala	PPQMTX-LEW-82-0027-3	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 119		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	MS Bolivar	PPQMTX-LEW-82-0027-4	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Calhoun	PPQMTX-LEW-82-0027-5	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Carroll	PPQMTX-LEW-82-0027-6	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Chickasaw	PPQMTX-LEW-82-0027-7	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Choctaw	PPQMTX-LEW-82-0027-8	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Claiborne	PPQMTX-LEW-82-0027-9	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		

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<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>
Encarsia	USA, FL (ex Pakistan)	MS Clarke	PPQMTX-LEW-82-0028-1
lahorensis	FLDPIFL	? e PHN ?	PPQSEIII
(Howard)		Jul	
Hymenoptera		NOTE: 072, 119	
Aphelinidae			
	USA, FL (ex Pakistan)	MS Clay	PPQMTX-LEW-82-0028-2
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Coahoma	PPQMTX-LEW-82-0028-3
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Copiah	PPQMTX-LEW-82-0028-4
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Covington	PPQMTX-LEW-82-0028-5
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Forrest	PPQMTX-LEW-82-0028-6
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Franklin	PPQMTX-LEW-82-0028-7
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	

Dialeurodes
citri
(Ashmead)
citrus whitefly

SAME

SAME

SAME

SAME

SAME

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>
Encarsia	USA, FL (ex Pakistan)	MS George	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 119	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	MS Greene	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Grenada	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Hancock	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Harrison	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Hinds	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Holmes	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	

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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>
Encarsia	USA, FL (ex Pakistan)	MS Humphreys	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 119	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	MS Issaquena	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Jackson	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Jasper	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Jefferson	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Jefferson Davis	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Jones	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 119	

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

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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	USA, FL (ex Pakistan)	MS Leflore	PPQMTX-LEW-82-0031-2	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEIII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 119		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	MS Lincoln	PPQMTX-LEW-82-0031-3	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Lowndes	PPQMTX-LEW-82-0031-4	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Madison	PPQMTX-LEW-82-0031-5	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Marion	PPQMTX-LEW-82-0031-6	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Monroe	PPQMTX-LEW-82-0031-7	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		
	USA, FL (ex Pakistan)	MS Montgomery	PPQMTX-LEW-82-0031-8	SAME
	FLDPIFL	? e PHN ?	PPQSEIII	
		Jul		
		NOTE: 072, 119		

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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>
Encarsia	USA, FL (ex Pakistan)	MS Neshoba	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 119	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	MS Newton	SAME
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0032-1
		Jul	PPQSEIII
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Noxubee	SAME
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0032-2
		Jul	PPQSEIII
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Oktibbeha	SAME
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0032-3
		Jul	PPQSEIII
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Pearl River	SAME
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0032-4
		Jul	PPQSEIII
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Perry	SAME
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0032-5
		Jul	PPQSEIII
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Pike	SAME
	FLDPIFL	? e PHN ?	PPQMTX-LEW-82-0032-6
		Jul	PPQSEIII
		NOTE: 072, 119	

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

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

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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>
Encarsia	USA, FL (ex Pakistan)	MS Washington	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 119	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	MS Wayne	SAME
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Webster	SAME
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Wilkinson	SAME
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Winston	SAME
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Yalobusha	SAME
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	
	USA, FL (ex Pakistan)	MS Yazoo	SAME
	FLDPIFL	? e PHN ?	PPQSEIII
		Jul	
		NOTE: 072, 119	

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

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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>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>
Encarsia	USA, FL (ex Pakistan)	NC Carteret		PPQMTX-LEW-82-0001-8	Dialeurodes
lahorensis	FLDPIFL	? e PHN	4	PPQSEIV	citri
(Howard)		Jul		Roberts, L	(Ashmead)
Hymenoptera		NOTE: 072, 122			citrus whitefly
Aphelinidae					
	USA, FL (ex Pakistan)	NC Chowan		PPQMTX-LEW-82-0001-9	SAME
	FLDPIFL	? e PHN	4	PPQSEIV	
		Jul		Wescott, B	
		NOTE: 072, 122			
	USA, FL (ex Pakistan)	NC Columbus		PPQMTX-LEW-82-0002-1	SAME
	FLDPIFL	? e PHN	4	NCDA	
		Jul		Murray, J	
		NOTE: 072, 122			
	USA, FL (ex Pakistan)	NC Craven		PPQMTX-LEW-82-0002-2	SAME
	FLDPIFL	? e PHN	5	PPQSEIV	
		Jul		Roberts, L	
		NOTE: 072, 122			
	USA, FL (ex Pakistan)	NC Cumberland		PPQMTX-LEW-82-0002-3	SAME
	FLDPIFL	? e PHN	12	PPQSEIV	
		Jul		Johnson, G	
		NOTE: 072, 122			
	USA, FL (ex Pakistan)	NC Currituck		PPQMTX-LEW-82-0002-4	SAME
	FLDPIFL	? e PHN	1	PPQSEIV	
		Jul		Wescott, B	
		NOTE: 072, 122			
	USA, FL (ex Pakistan)	NC Dare		PPQMTX-LEW-82-0002-5	SAME
	FLDPIFL	? e PHN	2	PPQSEIV	
		Jul		Wescott, B	
		NOTE: 072, 122			

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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>
Encarsia	USA, FL (ex Pakistan)	NC Duplin	Dialeurodes
lahorensis	FLDPIFL	? e PHN 4	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 122	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	NC Edgecombe	SAME
	FLDPIFL	? e PHN 6	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Gates	SAME
	FLDPIFL	? e PHN 2	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Greene	SAME
	FLDPIFL	? e PHN 1	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Halifax	SAME
	FLDPIFL	? e PHN 2	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Harnett	SAME
	FLDPIFL	? e PHN 3	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Hertford	SAME
	FLDPIFL	? e PHN 2	
		Jul	
		NOTE: 072, 122	

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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	USA, FL (ex Pakistan)	NC Hoke	PPQMTX-LEW-82-0003-4	Dialeurodes
lahorensis	FLDPIFL	? e PHN 3	PPQSEIV	citri
(Howard)		Jul	Johnson, G	(Ashmead)
Hymenoptera		NOTE: 072, 122		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	NC Hyde	PPQMTX-LEW-82-0003-5	SAME
	FLDPIFL	? e PHN 1	NCDA	
		Jul	Miller, A	
		NOTE: 072, 122		
	USA, FL (ex Pakistan)	NC Johnston	PPQMTX-LEW-82-0003-6	SAME
	FLDPIFL	? e PHN 3	PPQSEIV	
		Jul	Wilson, D	
		NOTE: 072, 122		
	USA, FL (ex Pakistan)	NC Jones	PPQMTX-LEW-82-0003-7	SAME
	FLDPIFL	? e PHN 2	PPQSEIV	
		Jul	Roberts, L	
		NOTE: 072, 122		
	USA, FL (ex Pakistan)	NC Lee	PPQMTX-LEW-82-0003-8	SAME
	FLDPIFL	? e PHN 2	NCDA	
		Jul	Isenhour, J	
		NOTE: 072, 122		
	USA, FL (ex Pakistan)	NC Lenoir	PPQMTX-LEW-82-0003-9	SAME
	FLDPIFL	? e PHN 5	NCDA	
		Jul	Stillwell, K	
		NOTE: 072, 122		
	USA, FL (ex Pakistan)	NC Martin	PPQMTX-LEW-82-0004-1	SAME
	FLDPIFL	? e PHN 5	NCDA	
		Jul	Parker, B	
		NOTE: 072, 122		

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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>
Encarsia	USA, FL (ex Pakistan)	NC Mecklenburg	Dialeurodes
lahorensis	FLDPIFL	? e PHN 10	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 122	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	NC Montgomery	SAME
	FLDPIFL	? e PHN 1	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Moore	SAME
	FLDPIFL	? e PHN 5	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Nash	SAME
	FLDPIFL	? e PHN 3	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC New Hanover	SAME
	FLDPIFL	? e PHN 25	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Northampton	SAME
	FLDPIFL	? e PHN 2	
		Jul	
		NOTE: 072, 122	
	USA, FL (ex Pakistan)	NC Onslow	SAME
	FLDPIFL	? e PHN 5	
		Jul	
		NOTE: 072, 122	

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

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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>	
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan)	NC Wayne	PPQMTX-LEW-82-0006-5	Dialeurodes
	FLDPIFL	? e PHN 5	PPQSEIV	citri
		Jul	Wilson, D	(Ashmead)
		NOTE: 072, 122		citrus whitefly
	USA,FL (ex Pakistan)	NC Wilson	PPQMTX-LEW-82-0006-6	SAME
	FLDPIFL	? e PHN 5	NCDA	
		Jul	Batten, C	
	NOTE: 072, 122			
	USA,FL (ex Pakistan)	SC Abbeville	PPQMTX-LEW-82-0007-1	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA,FL (ex Pakistan)	SC Aiken	PPQMTX-LEW-82-0007-2	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA,FL (ex Pakistan)	SC Allendale	PPQMTX-LEW-82-0007-3	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA,FL (ex Pakistan)	SC Bamberg	PPQMTX-LEW-82-0007-4	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA,FL (ex Pakistan)	SC Barnwell	PPQMTX-LEW-82-0007-5	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		

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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>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>
Encarsia	USA, FL (ex Pakistan)	SC Beaufort	PPQMTX-LEW-82-0007-6	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEIV	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 116		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	SC Berkeley	PPQMTX-LEW-82-0007-7	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Calhoun	PPQMTX-LEW-82-0007-8	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Charleston	PPQMTX-LEW-82-0007-9	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Chester	PPQMTX-LEW-82-0008-1	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Chesterfield	PPQMTX-LEW-82-0008-2	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Clarendon	PPQMTX-LEW-82-0008-3	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		

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

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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>
Encarsia	USA, FL (ex Pakistan)	SC Georgetown	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 116	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	SC Greenwood	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 116	
	USA, FL (ex Pakistan)	SC Hampton	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 116	
	USA, FL (ex Pakistan)	SC Horry	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 116	
	USA, FL (ex Pakistan)	SC Jasper	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 116	
	USA, FL (ex Pakistan)	SC Kershaw	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 116	
	USA, FL (ex Pakistan)	SC Lancaster	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 116	

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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>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>
Encarsia	USA, FL (ex Pakistan)	SC Laurens	PPQMTX-LEW-82-0009-9	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSEIV	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 116		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	SC Lee	PPQMTX-LEW-82-0010-1	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Lexington	PPQMTX-LEW-82-0010-2	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Marion	PPQMTX-LEW-82-0010-3	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Marlboro	PPQMTX-LEW-82-0010-4	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC McCormick	PPQMTX-LEW-82-0010-5	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		
	USA, FL (ex Pakistan)	SC Newberry	PPQMTX-LEW-82-0010-6	SAME
	FLDPIFL	? e PHN ?	PPQSEIV	
		Jul		
		NOTE: 072, 116		

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

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

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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>Releaser Acronym, Name</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>
Encarsia	USA, FL (ex Pakistan)	TX Bell	PPQMTX-LEW-82-0045-8
lahorensis	FLDPIFL	? e PHN ?	PPQSCII
(Howard)		Jul	
Hymenoptera		NOTE: 072, 114	
Aphelinidae			
	USA, FL (ex Pakistan)	TX Bexar	PPQMTX-LEW-82-0045-9
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Bowie	PPQMTX-LEW-82-0046-1
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Brazoria	PPQMTX-LEW-82-0047-1
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Brazos	PPQMTX-LEW-82-0046-2
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Burleson	PPQMTX-LEW-82-0046-3
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Caldwell	PPQMTX-LEW-82-0046-4
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	

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

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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>Releaser Acronym, Name</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>
Encarsia	USA, FL (ex Pakistan)	TX Comal	PPQMTX-LEW-82-0048-1
lahorensis	FLDPIFL	? e PHN ?	PPQSCII
(Howard)		Jul	
Hymenoptera		NOTE: 072, 114	
Aphelinidae			
	USA, FL (ex Pakistan)	TX Dallas	PPQMTX-LEW-82-0048-2
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX De Witt	PPQMTX-LEW-82-0048-4
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Delta	PPQMTX-LEW-82-0048-3
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Ellis	PPQMTX-LEW-82-0048-5
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Falls	PPQMTX-LEW-82-0048-6
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Fayette	PPQMTX-LEW-82-0048-7
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	

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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	USA, FL (ex Pakistan)	TX Fort Bend	PPQMTX-LEW-82-0048-8	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 114		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	TX Franklin	PPQMTX-LEW-82-0048-9	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Freestone	PPQMTX-LEW-82-0049-1	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Galveston	PPQMTX-LEW-82-0047-3	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Goliad	PPQMTX-LEW-82-0049-2	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Gonzalez	PPQMTX-LEW-82-0049-3	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Gregg	PPQMTX-LEW-82-0049-4	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		

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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>Releaser Acronym, Name</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>
Encarsia	USA, FL (ex Pakistan)	TX Grimes	PPQMTX-LEW-82-0049-5
lahorensis	FLDPIFL	? e PHN ?	PPQSCII
(Howard)		Jul	
Hymenoptera		NOTE: 072, 114	
Aphelinidae			
	USA, FL (ex Pakistan)	TX Guadalupe	PPQMTX-LEW-82-0049-6
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Hardin	PPQMTX-LEW-82-0047-4
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Harris	PPQMTX-LEW-82-0047-5
	FLDPIFL	? e PHN ?	PPQSCIII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Harrison	PPQMTX-LEW-82-0049-7
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Hays	PPQMTX-LEW-82-0049-8
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Henderson	PPQMTX-LEW-82-0049-9
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	

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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>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>
Encarsia	USA, FL (ex Pakistan)	TX Hidalgo	PPQMTX-LEW-82-0056-1	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQMTX SARL	citri
(Howard)		Jul	Wendel, L E	(Ashmead)
Hymenoptera		NOTE: 072, 115	Summy, K R	citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	TX Hill	PPQMTX-LEW-82-0050-1	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Hopkins	PPQMTX-LEW-82-0050-2	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Houston	PPQMTX-LEW-82-0050-3	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Hunt	PPQMTX-LEW-82-0050-4	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Jackson	PPQMTX-LEW-82-0050-5	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Jasper	PPQMTX-LEW-82-0047-6	SAME
	FLDPIFL	? e PHN ?	PPQSCIII	
		Jul		
		NOTE: 072, 114		

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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>
Encarsia	USA, FL (ex Pakistan)	TX Jefferson	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 114	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	TX Jim Wells	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Karnes	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Kaufman	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Kleberg	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Lamar	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Lavaca	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	

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

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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>
Encarsia	USA, FL (ex Pakistan)	TX Matagorda	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 114	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	TX McLennan	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Milam	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Montgomery	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Morris	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Nacogdoches	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Navarro	SAME
	FLDPIFL	? e PHN ?	
		Jul	
		NOTE: 072, 114	

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

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>	<u>Genus</u>	
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Releaser Acronym, Name</u>	
			<u>* = Specimens Kept</u>	
			<u>Species, Subspecies</u>	
			<u>Author, Common Name</u>	
Encarsia	USA, FL (ex Pakistan)	TX Refugio	PPQMTX-LEW-82-0053-4	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 114		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	TX Rockwall	PPQMTX-LEW-82-0053-5	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Rusk	PPQMTX-LEW-82-0053-6	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Sabine	PPQMTX-LEW-82-0053-7	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX San Augustine	PPQMTX-LEW-82-0053-8	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX San Jacinto	PPQMTX-LEW-82-0053-9	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX San Patricio	PPQMTX-LEW-82-0054-1	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
Encarsia	USA, FL (ex Pakistan)	TX Shelby	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	citri
(Howard)		Jul	(Ashmead)
Hymenoptera		NOTE: 072, 114	citrus whitefly
Aphelinidae			
	USA, FL (ex Pakistan)	TX Smith	SAME
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Titus	SAME
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Travis	SAME
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Trinity	SAME
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Tyler	SAME
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	
	USA, FL (ex Pakistan)	TX Upshur	SAME
	FLDPIFL	? e PHN ?	PPQSCII
		Jul	
		NOTE: 072, 114	

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<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>		<u>Genus</u>
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Encarsia	USA, FL (ex Pakistan)	TX Van Zandt	PPQMTX-LEW-82-0054-9	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 114		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	TX Victoria	PPQMTX-LEW-82-0055-1	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Walker	PPQMTX-LEW-82-0055-2	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Waller	PPQMTX-LEW-82-0055-3	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Washington	PPQMTX-LEW-82-0055-4	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Wharton	PPQMTX-LEW-82-0055-5	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Willacy	PPQMTX-LEW-82-0055-6	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Encarsia	USA, FL (ex Pakistan)	TX Williamson	PPQMTX-LEW-82-0055-7	Dialeurodes
lahorensis	FLDPIFL	? e PHN ?	PPQSCII	citri
(Howard)		Jul		(Ashmead)
Hymenoptera		NOTE: 072, 114		citrus whitefly
Aphelinidae				
	USA, FL (ex Pakistan)	TX Wilson	PPQMTX-LEW-82-0055-8	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
	USA, FL (ex Pakistan)	TX Wood	PPQMTX-LEW-82-0055-9	SAME
	FLDPIFL	? e PHN ?	PPQSCII	
		Jul		
		NOTE: 072, 114		
Encarsia	Japan	CA Orange	UCR-PD-82-0007	Parabemisia
sp.	UCR	2935e A 1	UCR	myricae
	UCR/PD, MJR	Jul	Rose, M J	(Kuwana)
Hymenoptera				Japanese bayberry whitefly
Aphelinidae				
	Trinidad	HI Honolulu	HDA-CKO-82-0001	Aleurodicus
	HDA	200 A 1	HDA	dispersus
		Jan	Otsuka, C K	Russell
				spiraling whitefly
	Trinidad	HI Honolulu	HDA-CKO-82-0010	SAME
	HDA	25 A 1	HDA	
		Jul	Otsuka, C K	

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Encarsia	Trinidad	HI Kauai	HDA-CKO-82-0004
sp.	HDA	200 A 2	HDAK
		Feb	Sugawa, D T
Hymenoptera			
Aphelinidae			
	Trinidad	HI Maui	HDA-CKO-82-0002
	HDA	450 A 3	HDAM
		Jan	Miyahira, N
	Trinidad	HI Maui	HDA-CKO-82-0005
	HDA	450 A 2	HDAM
		Feb	Miyahira, N
	Trinidad	HI Maui	HDA-CKO-82-0007
	HDA	100e A 1	HDAM
		Mar	Miyahira, N
	Trinidad	HI Maui	HDA-CKO-82-0009
	HDA	75e A 1	HDAM
		Jun	Miyahira, N
	Trinidad	HI Maui (Molokai I)	HDA-CKO-82-0003
	HDA	100 A ?	UHIEXT
		Jan	Arakaki, A
		NOTE: 036	
	Trinidad	HI Maui (Molokai I)	HDA-CKO-82-0006
	HDA	400 A ?	UHIEXT
		Feb to Mar	Arakaki, A
		NOTE: 036	
	Trinidad	HI Maui (Molokai I)	HDA-CKO-82-0008
	HDA	100e A ?	UHIEXT
		Apr	Arakaki, A
		NOTE: 036	

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

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

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

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Eretmocerus sp.	HI, Honolulu HDA/BRK	HI Honolulu 1160 A 2 Aug	HDA-BRK-82-0032 HDA Kumashiro, B R
Hymenoptera Aphelinidae			Aleurothrixus floccosus (Maskell) woolly whitefly
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 100 A 1 Jul	HDA-BRK-82-0028 UHIEXT Arakaki, A
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 140 A 1 Sep	HDA-BRK-82-0036 UHIEXT Arakaki, A
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 1330 A ? Oct to Nov NOTE: 036	HDA-BRK-82-0040 UHIEXT Arakaki, A
Euglandina rosea (Ferussac) Pulmonata Oleacinidae	HI, Hawaii HDAH/ERY	HI Hawaii 52 A 2 Aug	HDAH-ERY-82-0012 HDAH Yoshioka, E R
	HI, Hawaii HDAH/ERY	HI Hawaii ? e A 1 Oct	HDAH-ERY-82-0016 HDAH Yoshioka, E R
Euplectrus puttleri Gordh Hymenoptera Eulophidae	Brazil SRQF SCCUE SCCUE/SGT UAR/WCY	FL Dade 20 A 1 Feb	UFH-VHW-82-0001 UFH Waddill, V H
Euseius concordis (Chant) Parasitiformes Phytoseiidae	Brazil UCR UCR/GJM	CA Orange 1000e A,N 1 Apr	UCR-JAM-82-0028 UCR Johnson, H G
			Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

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

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Euseius	Australia	CA San Diego	UCR-JAM-82-0038
elinae	UCR	1400e A,N 1	UCR
(Schicha)		Jun	Johnson, H G
Parasitiformes			
Phytoseiidae			Oligonychus punicae (Hirst) avocado brown mite
	Australia	CA Santa Barbara	UCR-JAM-82-0004
	UCR	900e A,N 1	UCR
		Jan	Johnson, H G
			Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Australia	CA Santa Barbara	UCR-JAM-82-0009
	UCR	800e A,N 1	UCR
		Mar	Johnson, H G
			Polyphagotarsonemus latus (Banks) broad mite
	Australia	CA Ventura	UCR-JAM-82-0018
	UCR	1400e A,N 1	UCR
		Apr	Johnson, H G
			Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Euseius	Mexico-Oaxaca State	CA Orange	UCR-JAM-82-0023
hibisci	UCR	800e A,N 1	UCR
(Chant)	UCR/JAM	Apr	Johnson, H G
Parasitiformes			
Phytoseiidae			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-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-JAM-82-0045 UCR Johnson, H G	SAME
	Mexico-Oaxaca State UCR UCR/JAM	CA San Diego 700e A,N Aug	1 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-JAM-82-0059 UCR Johnson, H G	SAME
	Mexico-Oaxaca State UCR UCR/JAM	CA Santa Barbara 2100e A,N Jan	2 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-JAM-82-0003 UCR Johnson, H G	SAME
				Polyphagotarsonemus latus (Banks) broad mite

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

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Euseius quetzali McMurtry Parasitiformes Phytoseiidae	Guatemala UCR	CA Santa Barbara 1100e A,N 1 Jan	UCR-JAM-82-0006 UCR Johnson, H G Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Guatemala UCR	CA Santa Barbara 1200e A,N 1 Mar	UCR-JAM-82-0010 UCR Johnson, H G Polyphagotarsonemus latus (Banks) broad mite
	Guatemala UCR	CA Ventura 800e A,N 1 Apr	UCR-JAM-82-0019 UCR Johnson, H G Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Euseius scutalis (Athias-Henriot) Parasitiformes Phytoseiidae	Morocco UCR UCR/JAM	CA Riverside 200e A,N 1 Oct	UCR-JAM-82-0070 UCR Johnson, H G Panonychus citri McGregor citrus red mite
	Morocco UCR UCR/JAM	CA Riverside 300e A,N 1 Nov	UCR-JAM-82-0071 UCR Johnson, H G SAME
	Morocco UCR UCR/JAM	CA San Diego 1300e A,N 4 Jul	UCR-JAM-82-0048 UCR Johnson, H G Oligonychus punicae (Hirst) avocado brown mite

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Euseius	Morocco	CA San Diego	Panonychus
scutalis	UCR	1300e A,N	citri
(Athias-Henriot)	UCR/JAM	Sep to Oct	McGregor
Parasitiformes			citrus red mite
Phytoseiidae			
	Morocco	CA San Diego	SAME
	UCR	600e A,N	
	UCR/JAM	Nov	
Euseius	Spain	CA Orange	Polyphagotarsonemus
stipulatus	UCR	2400e A,N	latus
(Athias-Henriot)		Apr	(Banks)
Parasitiformes			broad mite
Phytoseiidae			Panonychus
			citri
			McGregor
			citrus red mite
	Spain	CA Orange	SAME
	UCR	1200e A,N	
		Jul	
	Morocco	CA Orange	SAME
	UCR	3600e A,N	
	UCR/JAM	Jul	
	Spain	CA San Diego	SAME
	UCR	13500e A,N	
		Apr to May	
	Spain	CA San Diego	SAME
	UCR	1000e A,N	
		Sep to Oct	
	Morocco	CA San Diego	SAME
	UCR	2000e A,N	
	UCR/JAM	Sep to Oct	

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Euseius	Morocco	CA San Diego	UCR-JAM-82-0069
stipulatus	UCR	1200e A,N	1 UCR
(Athias-Henriot)	UCR/JAM	Oct	Johnson, H G
Parasitiformes			
Phytoseiidae			
	Spain	CA Santa Barbara	UCR-JAM-82-0001
	UCR	3500e A,N	2 UCR
		Jan	Johnson, H G
	Spain	CA Santa Barbara	UCR-JAM-82-0008
	UCR	2700e A,N	1 UCR
		Mar	Johnson, H G
	Spain	CA Santa Barbara	UCR-JAM-82-0077
	UCR	800e A,N	1 UCR
		Nov	Johnson, H G
	Morocco	CA Santa Barbara	UCR-JAM-82-0078
	UCR	400e A,N	1 UCR
	UCR/JAM	Nov	Johnson, H G

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Euseius	Spain	CA Ventura	UCR-JAM-82-0013
stipulatus	UCR	3700e A,N	2 UCR
(Athias-Henriot)		Apr	Johnson, H G
Parasitiformes			
Phytoseiidae			Panonychus
			citri
			McGregor
			citrus red mite
			Polyphagotarsonemus
			latus
			(Banks)
			broad mite
	Spain	CA Ventura	UCR-JAM-82-0033
	UCR	4200e A,N	2 UCR
		May	Johnson, H G
			Phyllocoptruta
			oleivora
			(Ashmead)
			citrus rust mite
			Panonychus
			citri
			McGregor
			citrus red mite
	Spain	CA Ventura	UCR-JAM-82-0050
	UCR	3200e A,N	2 UCR
		Jul	Johnson, H G
			SAME
	Morocco	CA Ventura	UCR-JAM-82-0051
	UCR	650e A,N	3 UCR
	UCR/JAM	Jul	Johnson, H G
			SAME
Euseius	South Africa	CA Santa Barbara	UCR-JAM-82-0011
tutsi	UCR	1100e A,N	1 UCR
(Pritchard & Baker)		Mar	Johnson, H G
Parasitiformes			
Phytoseiidae			Polyphagotarsonemus
			latus
			(Banks)
			broad mite
	South Africa	CA Ventura	UCR-JAM-82-0016
	UCR	1200e A,N	1 UCR
		Apr	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 ?	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	NJ Warren 3000e A,C Aug	2 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	CA, San Diego	CA Butte		CABCSP-CDH-82-0007	Harrisina
harrisinae	CABCSP/TE, BV	114 A	2	CABCSP	brillians
(Muesebeck)		Jun		Waller, J	Barnes & McDunnough
Hymenoptera					western grapeleaf skeletonizer
Braconidae					
	CA, San Diego	CA Butte		CABCSP-CDH-82-0016-1	SAME
	CABCSP/GL, DMS	16 A	1	CABCSP	
		Aug		Waller, J	
	CA, San Diego	CA Fresno		CABCSP-CDH-82-0006	SAME
	CABCSP/TE, CDH	351 A	1	CABCSP	
		Jun		Luna, G	
				Halstead, J	
	CA, San Diego	CA Fresno		CABCSP-CDH-82-0007	SAME
	CABCSP/TE, BV	4137 A	3	CABCSP	
		Jun		Luna, G	
				Halstead, J	
	CA, San Diego	CA Fresno		CABCSP-CDH-82-0013	SAME
	CABCSP/BV, KAC	8151 A	7	CABCSP	
		Aug		Luna, G	
				Halstead, J	
	CA, San Diego	CA Fresno		CABCSP-CDH-82-0016-8	SAME
	CABCSP/GL, DMS	133 A	1	CABCSP	
		Sep		Luna, G	
	CA, San Diego	CA Kern		CABCSP-CDH-82-0016	SAME
	CABCSP/GL, DMS	88 A	3	CABCSP	
		Sep		Esser, T	
	CA, San Diego	CA Madera		CABCSP-CDH-82-0007-1	SAME
	CABCSP/TE, BV	308 A	1	CABCSP	
		Jun		Luna, G	
				Halstead, J	

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Glyptapanteles indiensis (Marsh) Hymenoptera Braconidae	India CIBCIS/GR	DE New Castle 728 A 1 May	BIRL-82-0090 BIRL PPQWDE Groce, J C Campese, D Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	NH Hillsboro 49 A 1 Jun	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 1 May	SRQF-82-0055 UFH Waddill, V H Anticarsia gemmatialis Hübner velvetbean caterpillar
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 225 A 1 Jun	SRQF-82-0071 UFH Waddill, V H SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 600e A 1 Jun	SRQF-82-0095 UFH Waddill, V H SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 250e A 1 Jul	SRQF-82-0101 UFH Waddill, V H SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 100e A 1 Jul	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 Jul	1 SRQF-82-0106 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 300e A Jul	1 SRQF-82-0115 UFH Waddill, V H	SAME
Gonaxis quadrilateralis (Preston) Pulmonata Streptaxidae	HI, Kauai HDAK/DTS	HI Kauai 49 A Oct	1 HDAK-DTS-82-0004 HDAK Sugawa, D T	Achatina fulica Bowdich giant African snail
Goniozus legneri Gordh Hymenoptera Bethyridae	Uruguay UCR	CA Butte 1000e A Aug	1 UCR-EFL-82-0008 UCR	Amyelois transitella (Walker) navel orangeworm
	Uruguay UCR	CA Imperial 15400e A Aug	2 UCR-EFL-82-0010 UCR	Pectinophora gossypiella (Saunders) pink bollworm
	Uruguay UCR	CA Riverside 8640e A Aug to Sep	1 UCR-EFL-82-0014 UCR	SAME
	Uruguay UCR	CA Tulare 650e A Jun	1 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	BIRL-82-0182 BIRL Taylor, P B Short, J A	Fenusa pusilla (Lepeletier) birch leafminer
	Austria CIBCES CIBCESAU/LH CIBCESAU/EA	PA Monroe 253 A 1 May	BIRL-82-0181 BIRL Fuester, R W	SAME
Habrolepis sp. Hymenoptera Encyrtidae	Ethiopia UCR	CA Imperial 150e A 1 Apr to Jun	UCR-RFL-82-0011 UCR	Aonidiella aurantii (Maskell) California red scale
	Ethiopia UCR	CA Imperial 100e A 1 May to Jun	UCR-RFL-82-0028 UCR	SAME
	Ethiopia UCR	CA Orange 100e A 1 Jan to Apr	UCR-RFL-82-0004 UCR	SAME
	Ethiopia UCR	CA Orange 50 A 1 Mar	UCR-RFL-82-0010 UCR	SAME
	Ethiopia UCR	CA Riverside 120e A 1 Jan to Jun	UCR-RFL-82-0002 UCR	SAME
	Ethiopia UCR	CA Riverside 100e A 1 Apr to May	UCR-RFL-82-0017 UCR	SAME

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

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Halticoptera	USA CA	HI Honolulu		HDA-KTM-82-0092	Liriomyza
patellana	HDA	300 A	1	HDA	sativae
(Dalman)	HDA/RMB	Dec		Murai, K T	Blanchard
Hymenoptera					vegetable leafminer
Pteromalidae					Liriomyza
					trifolii
					(Burgess)
					leafminer
	USA CA	HI Maui		HDA-KTM-82-0027	Liriomyza
	HDA	300e A	1	HDAM	sativae
	HDA/RMB	May		Miyahira, N	Blanchard
					vegetable leafminer
					Liriomyza
					trifolii
					(Burgess)
					leafminer
	USA CA	HI Maui		HDA-KTM-82-0037	Liriomyza
	HDA	300e A	1	HDA	sativae
	HDA/RMB	Jun		Miyahira, N	Blanchard
					vegetable leafminer
					Liriomyza
					trifolii
					(Burgess)
					leafminer
	USA CA	HI Maui		HDA-KTM-82-0048	Liriomyza
	HDA	300e A	1	HDAM	sativae
	HDA/RMB	Jul		Miyahira, N	Blanchard
					vegetable leafminer
					Liriomyza
					trifolii
					(Burgess)
					leafminer

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Halticoptera	USA CA	HI Maui	HDA-KTM-82-0058
patellana	HDA	1850e A	1 HDAM
(Dalman)	HDA/RMB	Aug to Oct	Miyahira, N
Hymenoptera			
Pteromalidae			
	USA CA	HI Maui	HDA-KTM-82-0081
	HDA	1175e A	2 HDA
	HDA/RMB	Nov	Miyahira, N
	USA CA	HI Maui	HDA-KTM-82-0093
	HDA	250e A	1 HDAM
	HDA/RMB	Dec	Miyahira, N
Harmonia	USSR, Russian SFSR	MD Prince Georges	BIRL-82-0107
axyridis	URAIPO/VNK	150e E	1 BIIL
(Pallas)		Jun to Aug	Schroder, R F W
Coleoptera		NOTE: 023, 024	
Coccinellidae			
	Japan	WA Yakima	YARL-REF-82-0002
	BIRL	12063 L	1 YARL
		May to Jul	Fye, R E

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Harmonia conformis (Boisduval) Coleoptera Coccinellidae	Australia UCB	WA Yakima 826 A,L May to Jun	1 YARL-REF-82-0003 YARL Fye, R E	Psylla pyricola Förster pear psylla
Hexameris sp. Enoplida Mermithidae	Peru BIIL BIIL/RAWS PEUNSA/AA	MD Prince Georges 25e A,J Feb NOTE: 022	1 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
Holcorthorax testaceipes (Ratzeburg) Hymenoptera Encyrtidae	Japan, Honshu JAAAES/NS	MA Franklin ? e A Jul NOTE: 096	1 BIRL-82-0130 UMA Van Driesche, R	Phyllonorycter crataegella (Clemens) apple blotch leafminer
	Japan, Honshu JAAAES/NS	MA Franklin ? e A Jul NOTE: 096	1 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
Lophyrophlectus 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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<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>
Metaphycus	South Africa	CA San Diego	UCB-KSH-82-0059	Pulvinariella
funicularis	UCB	4300e A ?	UCB	mesembryanthemi
Annecké		Sep to Dec		(Vallot)
Hymenoptera				ice plant scale
Encyrtidae				Pulvinaria
				delotti
				Gill
				--
	South Africa	CA San Luis Obispo	UCB-KSH-82-0007	Pulvinariella
	UCB	18560e A ?	UCB	mesembryanthemi
		Jan to Jun		(Vallot)
				ice plant scale
	South Africa	CA San Luis Obispo	UCB-KSH-82-0042	SAME
	UCB	500e A ?	UCB	
		Jul		
	South Africa	CA Santa Barbara	UCB-KSH-82-0009	SAME
	UCB	17700e A ?	UCB	
		Feb to Jun		
	South Africa	CA Santa Barbara	UCB-KSH-82-0047	SAME
	UCB	500e A ?	UCB	
		Jul		
	South Africa	CA Santa Cruz	UCB-KSH-82-0063	Pulvinaria
	UCB	1000e A ?	UCB	delotti
		Sep		Gill
				--
				Pulvinariella
				mesembryanthemi
				(Vallot)
				ice plant scale
	South Africa	CA Ventura	UCB-KSH-82-0001	SAME
	UCB	16800e A ?	UCB	
		Jan to Jun		

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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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Metaphycus stramineus (Compere) Hymenoptera Encyrtidae	South Africa UCB	CA Ventura 9550e A Jan to Jun	UCB-KSH-82-0002 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
Meteorus pulchricornis (Wesmael) Hymenoptera Braconidae	Europe NJDA BIRL NJDA BIRL	VA Accomack 400e A Apr to Jun NOTE: 137	VADACS-JRT-82-0004-1 VADACSVB	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Accomack 500e A Jul to Sep NOTE: 137	VADACS-JRT-82-0010-1 VADACSVB	SAME
	Europe NJDA BIRL NJDA BIRL	VA Alexandria 567e A Jul to Sep	VADACS-JRT-82-0011-1 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA BIRL	VA Arlington 622e A Jul to Sep	VADACS-JRT-82-0011-2 VADACSW Morris, B	SAME
	Europe NJDA BIRL NJDA BIRL	VA Chesapeake 1800e A Jul to Sep NOTE: 137	VADACS-JRT-82-0010-2 VADACSVB	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Chesterfield 219e A Jul to Sep NOTE: 137	VADACS-JRT-82-0012-1 VADACS	SAME

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Meteorus	Europe	VA Clarke	VADACS-JRT-82-0011-3
pulchricornis	NJDA	228e A	VADACSW
(Wesmael)	NJDA	Jul to Sep	Morris, B
Hymenoptera	BIRL		
Braconidae			
	Europe	VA Fairfax	VADACS-JRT-82-0005
	NJDA	3048e A	VADACSW
	NJDA	Apr to Jun	Morris, B
	BIRL		
	Europe	VA Fairfax	VADACS-JRT-82-0011-4
	NJDA	1729e A	VADACSW
	NJDA	Jul to Sep	Morris, B
	BIRL		
	Europe	VA Hanover	VADACS-JRT-82-0006-1
	NJDA	872e A	VADACS
	NJDA	Apr to Jun	
	BIRL	NOTE: 137	
	Europe	VA Hanover	VADACS-JRT-82-0012-2
	NJDA	613e A	VADACS
	NJDA	Jul to Sep	
	BIRL	NOTE: 137	
	Europe	VA Loudoun	VADACS-JRT-82-0011-5
	NJDA	330e A	VADACSW
	NJDA	Jul to Sep	Morris, B
	BIRL		
	Europe	VA Lunenburg	VADACS-JRT-82-0006-2
	NJDA	260e A	VADACS
	NJDA	Apr to Jun	
	BIRL	NOTE: 137	

Lymantria
dispar
(Linnaeus)
gypsy moth

SAME

SAME

potential alternate
lepidopterous hosts
See Note 137

SAME

Lymantria
dispar
(Linnaeus)
gypsy moth

potential alternate
lepidopterous hosts
See Note 137

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Meteorus	Europe	VA Norfolk	VADACS-JRT-82-0010-3
pulchricornis	NJDA BIRL	100e A ?	VADACSVB
(Wesmael)	NJDA	Jul to Sep	
Hymenoptera	BIRL	NOTE: 137	potential alternate
Braconidae			lepidopterous hosts
			See Note 137
	Europe	VA Prince William	VADACS-JRT-82-0011-6
	NJDA BIRL	268e A ?	VADACSW
	NJDA	Jul to Sep	Morris, B
	BIRL		Lymantria
			dispar
			(Linnaeus)
			gypsy moth
	Europe	VA Virginia Beach	VADACS-JRT-82-0004-2
	NJDA BIRL	300e A ?	VADACSVB
	NJDA	Apr to Jun	potential alternate
	BIRL	NOTE: 137	lepidopterous hosts
			See Note 137
	Europe	VA Virginia Beach	VADACS-JRT-82-0010-4
	NJDA BIRL	872e A ?	VADACSVB
	NJDA	Jul to Sep	SAME
	BIRL	NOTE: 137	
Microcharops	Costa Rica	FL Dade	SRQF-82-0025
bimaculata	SCCU/BMS, GRC	10 A 1	UFH
(Ashmead)	SCCU	Apr	Waddill, V H
Hymenoptera	UFH/VHW		Anticarsia
Ichneumonidae	SCCU/BMS		gemmatalis
			Hübner
			velvetbean caterpillar
	Costa Rica	FL Dade	SRQF-82-0030
	SCCU/BMS, GRC	21 A 1	UFH
	SCCU	Apr	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0035
	SCCU/BMS, GRC	50 A 1	UFH
	SCCU	May	Waddill, V H
	UFH/VHW		
	SCCU/BMS		

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

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Microcharops	Costa Rica	FL Dade	SRQF-82-0125
bimaculata	SCCU/BMS, GRC	320 A	1 UFH
(Ashmead)	SCCU	Jul	Waddill, V H
Hymenoptera	UFH/VHW		
Ichneumonidae	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0130
	SCCU/BMS, GRC	474e A	1 UFH
	SCCU	Jul	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0132
	SCCU/BMS, GRC	160 A	1 UFH
	SCCU	Aug	Waddill, V H
	SCCU/GRC		
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0133
	SCCU/BMS, GRC	320 A	1 UFH
	SCCU	Aug	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0139
	SCCU/BMS, GRC	198 A	1 UFH
	SCCU	Aug	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0144
	SCCU/BMS, GRC	217 A	1 UFH
	SCCU	Sep	Waddill, V H
	UFH/VHW		
	SCCU/BMS		

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Microcharops	Costa Rica	FL Dade	SRQF-82-0145
bimaculata	SCCU/BMS, GRC	130 A	1 UFH
(Ashmead)	SCCU	Sep	Waddill, V H
Hymenoptera	SCCU/GRC		
Ichneumonidae	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0146
	SCCU/BMS, GRC	152 A	1 UFH
	SCCU	Sep	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0148
	SCCU/BMS, GRC	143 A	1 UFH
	SCCU	Sep	Waddill, V H
	SCCU/GRC		
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0149
	SCCU/BMS, GRC	337 A	1 UFH
	SCCU	Sep	Waddill, V H
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0151
	SCCU/BMS, GRC	261 A	1 UFH
	SCCU	Sep	Waddill, V H
	SCCU/GRC		
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SRQF-82-0159
	SCCU/BMS, GRC	261 A	1 UFH
	SCCU	Sep	Waddill, V H
	UFH/VHW		
	SCCU/BMS		

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Microcharops	Costa Rica	FL Dade	Anticarsia
bimaculata	SCCU/BMS, GRC	197 A 1	gemmatalis
(Ashmead)	SCCU	Oct	Hübner
Hymenoptera	SCCU/GRC		velvetbean caterpillar
Ichneumonidae	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SAME
	SCCU/BMS, GRC	141 A 1	
	SCCU	Oct	
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SAME
	SCCU/BMS, GRC	418 A 1	
	SCCU	Oct	
	SCCU/GRC		
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SAME
	SCCU/BMS, GRC	311 A 1	
	SCCU	Oct	
	SCCU/GRC		
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SAME
	SCCU/BMS, GRC	187 A 1	
	SCCU	Oct	
	SCCU/GRC		
	UFH/VHW		
	SCCU/BMS		
	Costa Rica	FL Dade	SAME
	SCCU/BMS, GRC	205 A 1	
	SCCU	Oct	
	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 Palm Beach 60 A 1 May	SRQF-82-0034 UFH Waddill, V H
	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
Microctonus aethiopoides Loan Hymenoptera Braconidae	KY, Oldham Co PPQ/ USA-MI, IA, MO PPQNMI PPQ/	AR Pulaski 828e PHA 2 Mar	PPQNMI-TLB-82-0009 PPQSCIII Wright, M
	USA-MI, IA, MO PPQNMI PPQ/	CA Fresno 375 A 2 Jun	UCB-82-0008 UCB Etzel, L K Quezada, J
	MI, Berrien Co PPQNMI/MDB	IA Adair 882e PHA 2 May	PPQNMI-TLB-82-0063 PPQSCIV Harri, J A
	MI, Berrien Co PPQNMI/MDB	IA Carroll 882e PHA 1 May	PPQNMI-TLB-82-0076-7 PPQSCIV Wallerich, G E

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

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

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

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

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

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

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

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

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

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

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>	
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia	MS Washington	SRQF-82-0194	Heliothis
	SCCU	704 C	1 SFCIML	virescens
	SCCU/BMS	Sep	Ginn, S B	(Fabricius)
	CSIROSL/RJL		Ford, R L	tobacco budworm
				Helicoverpa
			zea	(Boddie)
				corn earworm, bollworm
	Australia	MS Washington	SRQF-82-0195	SAME
	SCCU	567 C,A	1 SRQF SFCIML	
	SCCU/BMS	Sep	Powell, J E	Heliothis
	CSIROSL/RJL		Ginn, S B	virescens
				(Fabricius)
				tobacco budworm
	Australia	MS Washington	SFCIML-WAJ-82-0007	SAME
	SRQF	1000 A,C	1 SFCIML	
	SCCU	Oct	Jones, W A	Helicoverpa
	SCCU/BMS			zea
	CSIROSL/RJL			(Boddie)
				corn earworm, bollworm
	Australia	MS Washington	SRQF-82-0196	Heliothis
	SCCU	600e A	1 SRQF SFCIML	virescens
	SCCU/BMS	Oct	Powell, J E	(Fabricius)
	CSIROSL/RJL		Ford, R L	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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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>Author, Common Name</u>
Microplitis	Australia	SC Darlington	Helicoverpa
demolitor	SCCU	10 A 1	zea
(Wilkinson)	SCCU/BMS	May	(Boddie)
Hymenoptera	CSIROSL/RJL	NOTE: 041	corn earworm, bollworm
Braconidae			Heliothis
			virescens
			(Fabricius)
			tobacco budworm
	Australia	SC Darlington	Helicoverpa
	SCCU	22 A 1	zea
	SCCU/BMS	Jul	(Boddie)
	CSIROSL/RJL	NOTE: 041	corn earworm, bollworm
	Australia	SC Darlington	SAME
	SCCU	20 A 1	
	SCCU/BMS	Jul	
	CSIROSL/RJL	NOTE: 041	
			Heliothis
			virescens
			(Fabricius)
			tobacco budworm
	Australia	SC Darlington	SAME
	SCCU	20 A 1	
	SCCU/BMS	Jul	
	CSIROSL/RJL	NOTE: 041	
			Helicoverpa
			zea
			(Boddie)
			corn earworm, bollworm
	Australia	SC Darlington	SAME
	SCCU	96 A 1	
	SCCU/BMS	Sep	
	CSIROSL/RJL		
			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	HI, Hawaii	HI Hawaii		HDAH-ERY-82-0011	Aleurodicus
oculata	HDAH/ERY	50 A	1	HDAH	dispersus
(Blatchley)		Aug		Yoshioka, E R	Russell
Coleoptera					spiraling whitefly
Coccinellidae					
	HI, Hawaii	HI Hawaii		HDAH-ERY-82-0013	SAME
	HDAH/ERY	100 A	1	HDAH	
		Sep		Yoshioka, E R	
	HI, Honolulu	HI Honolulu		HDA-BRK-82-0001	SAME
	HDA/BRK	1060 A	1	HDA	
		Jan		Kumashiro, B R	
	HI, Honolulu	HI Honolulu		HDA-BRK-82-0037	SAME
	HDA/BRK	25 A	1	HDA	
		Oct		Kumashiro, B R	
	HI, Kauai	HI Kauai		HDAK-DTS-82-0001	SAME
	HDAK/DTS	? e A	?	HDAK	
		Jan		Sugawa, D T	
		NOTE: 036			
	HI, Kauai	HI Kauai		HDAK-DTS-82-0002	SAME
	HDAK/DTS	100e A	1	HDAK	
		Mar		Sugawa, D T	
	HI, Kauai	HI Kauai		HDAK-DTS-82-0003	SAME
	HDAK/DTS	? e A	?	HDAK	
		Jul to Oct		Sugawa, D T	
	HI, Honolulu	HI Maui		HDA-BRK-82-0002	SAME
	HDA/BRK	2800 A	4	HDAM	
		Jan		Miyahira, N	
	HI, Honolulu	HI Maui		HDA-BRK-82-0008	SAME
	HDA/BRK	3000 A	4	HDAM	
		Feb		Miyahira, N	

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

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

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

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Oomyzus	France	SD Fall River	Hypera
incertus	BIRL	6530e A 3	postica
(Ratzeburg)	EPL/DC, RCH	Jun	(Gyllenhal)
Hymenoptera			alfalfa weevil
Eulophidae			
	France	SD Fall River	SAME
	BIRL	2700e A 3	
	EPL/DC, RCH	Jun	
	France	SD Haakon	SAME
	BIRL	600e A 2	
	EPL/DC, RCH	Jun	
	France	SD Lyman	SAME
	BIRL	900e A 3	
	EPL/DC, RCH	Jun	
	France	SD Pennington	SAME
	BIRL	594e A 1	
	EPL/DC, RCH	Jun	
	France	TN Giles	SAME
	BIRL	2975e A 1	
	EPL/DC, RCH	May	
	France	WI Iowa	SAME
	BIRL	3552e A 1	
	EPL/DC, RCH	Jun	
Opius	USA FL	HI Hawaii	Liriomyza
dissitus	HDA	300e A 2	sativae
Muesebeck	HDA/RMB	Jun	Blanchard
Hymenoptera			vegetable leafminer
Braconidae			Liriomyza
			trifolii
			(Burgess)
			leafminer

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Opius	USA FL	HI Honolulu	HDA-KTM-82-0003
disstitus	HDA	220 A 1	HDA
Muesebeck	HDA/RMB	Jan	Murai, K T
Hymenoptera			
Braconidae			
			Liriomyza
			trifolii
			(Burgess)
			leafminer
			Liriomyza
			sativae
			Blanchard
			vegetable leafminer
	USA FL	HI Honolulu	HDA-KTM-82-0094
	HDA	100 A 1	HDA
	HDA/RMB	Dec	Murai, K T
			Liriomyza
			trifolii
			(Burgess)
			leafminer
	USA FL	HI Maui	HDA-KTM-82-0028
	HDA	300e A 1	HDAM
	HDA/RMB	May	Miyahira, N
			Liriomyza
			sativae
			Blanchard
			vegetable leafminer
			Liriomyza
			trifolii
			(Burgess)
			leafminer
	USA FL	HI Maui	HDA-KTM-82-0039
	HDA	1250e A 2	HDAM
	HDA/RMB	Jun	Miyahira, N
			SAME
			Liriomyza
			sativae
			Blanchard
			vegetable leafminer
Opilomus	Peru	NJ Salem	NJDA-DJP-82-0006
severus	BIRL	176 A 1	NJDA
Breddie	UMD/AG, AA	Jun to Aug	Dorsey, T W
	UMD/AG		
Heteroptera	UMDAGEX (culture)		
Pentatomidae			
			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 URAIQ/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 PPQNMI 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 PPQNMI COMCI NJDA UFG PPQNMI	DE Kent 168000e A ? Jun to Jul NOTE: 068, 069	PPQBMD-HTS-82-0001 DEDA Harrison, L	SAME

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Pediobius	India	DE New Castle	PPQBMD-HTS-82-0001-2	Epilachna
foveolatus	PPQNMI	4000e A	DEDA	varivestis
(Crawford)	COMCI	Jun to Jul	Harrison, L	Mulsant
Hymenoptera	NJDA	NOTE: 068, 069		Mexican bean beetle
Eulophidae	UFG			
	PPQNMI			
	India	DE Sussex	PPQBMD-HTS-82-0001-3	SAME
	PPQNMI	59000e A	DEDA	
	COMCI	Jun to Jul	Harrison, L	
	NJDA	NOTE: 068, 069		
	UFG			
	PPQNMI			
	India	IN Clay	INPU-RVF-82-0001-1	SAME
	PPQNMI	39000e A	INPU	
	NJDA	Jun	Flanders, R V	
	UFG			
	India	IN Owen	INPU-RVF-82-0001-2	SAME
	PPQNMI	43500e A	INPU	
	NJDA	Jun	Flanders, R V	
	UFG			
	India	IN Owen	NJDA-DJP-82-0010	SAME
	UMDEXT	14000e A	INPU	
		Aug	Flanders, R V	
	India	MA Barnstable	PPQOMA-OTF-82-0002	SAME
	MDDA	500e A	PPQOMA	
	MDDA	Jul	Forrester, O T	
	PPQNMI			
	India	MD Baltimore	MDDA-MAC-82-0004-5	SAME
	UMD	62000e A	MDDA	
		?		
		NOTE: 139		

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

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Pediobius	India	MD Somerset	MDDA-MAC-82-0001-5	Epilachna
foveolatus	UMD	183000e A 19	MDDA	varivestis
(Crawford)		Jun to Jul		Mulsant
Hymenoptera		NOTE: 069, 095		Mexican bean beetle
Eulophidae				
	India	MD St Marys	MDDA-MAC-82-0004-3	SAME
	UMD	71000e A ?	MDDA	
		NOTE: 139		
	India	MD Talbot	MDDA-MAC-82-0001-6	SAME
	UMD	110000e A 15	MDDA	
		Jun to Jul		
		NOTE: 069, 095		
	India	MD Wicomico	MDDA-MAC-82-0001-7	SAME
	UMD	61000e A 17	MDDA	
		Jun to Jul		
		NOTE: 069, 095		
	India	NJ Atlantic	NJDA-DJP-82-0003-1	SAME
PPQBMD	UMDEXT	2000e A ?	NJDA	
PPQNMI		Jun to Jul		
PPQSMS		NOTE: 069		
COMCI				
UMDEXT				
	India	NJ Burlington	NJDA-DJP-82-0003-2	SAME
PPQBMD	UMDEXT	233000e A ?	NJDA	
PPQNMI		Jun to Jul		
PPQSMS		NOTE: 069		
COMCI				
UMDEXT				
	India	NJ Burlington	NJDA-DJP-82-0007-1	SAME
UMDEXT		312000e A ?	NJDA	
		Jul to Aug		

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

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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/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>
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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>
			<u>Species, Subspecies</u>
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Pediobius	India	NJ Ocean	Epilachna
foveolatus	PPQBMD UMDEXT	15000e A ?	varivestis
(Crawford)	PPQNMI	Jun to Jul	Mulsant
Hymenoptera	PPQSMS	NOTE: 069	Mexican bean beetle
Eulophidae	COMCI		
	UMDEXT		
	India	NJ Salem	
	PPQBMD UMDEXT	327000e A ?	NJDA-DJP-82-0003-9
	PPQNMI	Jun to Jul	NJDA
	PPQSMS	NOTE: 069	
	COMCI		
	UMDEXT		
	India	NJ Somerset	
	UMDEXT	51000e A ?	NJDA-DJP-82-0007-3
		Jul to Aug	NJDA
	India	OH Pickaway	
	MDDA PPQNMI	18000e A 1	PPQOMA-OTF-82-0001-2
	MDDA	Jun	PPQOMA
	PPQNMI		Forrester, O T
	India	OH Pike	
	MDDA PPQNMI	57000e A 1	PPQOMA-OTF-82-0001-1
	MDDA	Jun	PPQOMA
	PPQNMI		Forrester, O T
	India	OH Pike	
	PPQNMI PPQSMS	600000e A 1	PPQBMD-HTS-82-0006
	COMCI	Jul	PPQOMA
	NJDA	NOTE: 068	Forrester, O T
	UFG		
	PPQNMI		
	India	OH Ross	
	MDDA PPQNMI	52000e A 1	PPQOMA-OTF-82-0001-3
	MDDA	Jun	PPQOMA
	PPQNMI		Forrester, O T

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Pediobius	India	PA ?	NJDA-DJP-82-0002	Epilachna
foveolatus	UMDEXT	? e A, PHL 1	PA?	varivestis
(Crawford)		May		Mulsant
Hymenoptera		NOTE: 127		Mexican bean beetle
Eulophidae				
	India	PA Bucks	NJDA-DJP-82-0005	SAME
	UMDEXT	? e PHL, A 1	PATD	
		Jul	Dermody, T	
	India	VA Lancaster	PPQBMD-HTS-82-0005-1	SAME
	PPQNMI	59000e A ?	VADACS	
	COMCI	Jun to Jul		
	NJDA	NOTE: 068, 069, 125		
	UFG			
	PPQNMI			
	India	VA Northumberland	PPQBMD-HTS-82-0005-2	SAME
	PPQNMI	106000e A ?	VADACS	
	COMCI	Jun to Jul		
	NJDA	NOTE: 068, 069, 125		
	UFG			
	PPQNMI			
	India	VA Richmond	PPQBMD-HTS-82-0005-3	SAME
	PPQNMI	109550e A ?	VADACS	
	COMCI	Jun to Jul		
	NJDA	NOTE: 068, 069, 125		
	UFG			
	PPQNMI			
	India	VA Westmoreland	PPQBMD-HTS-82-0005-4	SAME
	PPQNMI	262000e A ?	VADACS	
	COMCI	Jun to Jul		
	NJDA	NOTE: 068, 069, 125		
	UFG			
	PPQNMI			

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Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMD	WV Jefferson 800e A 1 Jul	MDDA-MAC-82-0002 BIIL WVTR Schroder, R F W Coiner, C Epilachna varivestis Mulsant Mexican bean beetle
	India UMD	WV Jefferson 5000e A 1 Aug	MDDA-MAC-82-0003 BIIL WVTR Schroder, R F W Coiner, C SAME
Pentalitomastix plethorica Caltagirone Hymenoptera Encyrtidae	Mexico UCB	CA Butte 618000e A 1 Aug	UCB-LEC-82-0009 UCB Amyelois transitella (Walker) navel orangeworm
	Mexico UCB	CA San Joaquin 168000e A 1 Jul	UCB-LEC-82-0006 UCB SAME
	Mexico UCB	CA San Joaquin 720000e A 1 Aug	UCB-LEC-82-0012 UCB SAME
	Mexico UCB	CA San Joaquin 680020e A 1 Sep	UCB-LEC-82-0014 UCB SAME
	Mexico UCB	CA San Joaquin 680020e A 1 Sep	UCB-LEC-82-0015 UCB SAME
	Mexico UCB	CA San Joaquin 680020e A 1 Sep	UCB-LEC-82-0017 UCB SAME

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Peristenus	Austria	NJ Warren	Lygus
digoneutis	France	1163 A	lineolaris
Loan	CDARPS	May to Jun	(Palisot)
Hymenoptera	CIBCESAU/		tarnished plant bug
Braconidae	EPL/RCH, HH		Adelphocoris
	EPL/BDP, RCH		lineolatus
			(Goeze)
			alfalfa plant bug
Peristenus	Austria	NJ Warren	SAME
rubricollis	EPL/RCH, HH	30 A	
(Thomson)	CDARPS	Jun	
Hymenoptera			Lygus
Braconidae			lineolaris
			(Palisot)
			tarnished plant bug
Peristenus	Spain	AZ Pima	Lygus
stygius	BIRL	26935 A	hesperus
Loan	EPL/HH, RCH	Mar to Jul	Knight
Hymenoptera	EPL/RCH, HH		western tarnished plant bug
Braconidae			Lygus
			spp.
			plant bugs
	Austria	NJ Warren	Lygus
	France	2 A	lineolaris
	EPL/RCH, HH	Jun	(Palisot)
	EPL/HH, RCH		tarnished plant bug
	Spain	TX Dallas	SAME
	BIRL	98 A	
	EPL/HH, RCH	Jun	
	EPL/RCH, HH		

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Peristenus	Spain	TX Delta	BCIL-JWD-82-0002-2
stygius	BIRL	57 A	1
Loan	EPL/HH, RCH	Jul	TAMUD
Hymenoptera	EPL/RCH, HH		Womack, C L
Braconidae			Lygus lineolaris (Palisot) tarnished plant bug
	Spain	TX Fannin	BCIL-JWD-82-0002-3
	BIRL	198 A	1
	EPL/HH, RCH	Jul	TAMUD
	EPL/RCH, HH		Womack, C L
	Spain	TX Lamar	BCIL-JWD-82-0002
	BIRL	153 A	2
	EPL/HH, RCH	Jul	TAMUD
	EPL/RCH, HH		Womack, C L
Phanerotoma	Bolivia	CA Butte	UCB-LEC-82-0010
sp.	UCB	550e A	1
Hymenoptera		Aug	UCB
Braconidae			Amyelois transitella (Walker) navel orangeworm
	Bolivia	CA San Joaquin	UCB-LEC-82-0004
	UCB	60 A	1
		Jun	UCB
	Bolivia	CA San Joaquin	UCB-LEC-82-0013
	UCB	2250e A	1
		Aug to Oct	UCB
Pholetesor	Canada	MA Franklin	BIRL-82-0088
pedias	CAUGON/JMH	320 A	3
(Nixon)		May to Jun	UMA
Hymenoptera			Van Driesche, R
Braconidae			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	USA PR	HI Hawaii		HDA-KTM-82-0032	Tetranychus
macropilis	HDA	3500e A	2	HDAH	cinnabarinus
(Banks)	HDA/RMB	Jun		Yoshioka, E R	(Boisduval)
Parasitiformes					carmine spider mite
Phytoseiidae					
	USA PR	HI Honolulu		HDA-KTM-82-0004	SAME
	HDA	4800e A,N	1	HDA	
	HDA/RMB	Feb		Murai, K T	
	USA PR	HI Honolulu		HDA-KTM-82-0009	SAME
	HDA	25400e A,N	2	HDA	
	HDA/RMB	Mar to Apr		Murai, K T	
	USA PR	HI Honolulu		HDA-KTM-82-0031	SAME
	HDA	13000e A,N	1	HDA	
	HDA/RMB	Jun to Jul		Murai, K T	
	USA PR	HI Honolulu		HDA-KTM-82-0049	SAME
	HDA	16000e A,N	2	HDA	
	HDA/RMB	Aug		Murai, K T	
	USA PR	HI Honolulu		HDA-KTM-82-0062	SAME
	HDA	10000e A,N	4	HDA	
	HDA/RMB	Sep		Murai, K T	
	USA PR	HI Maui		HDA-KTM-82-0018	SAME
	HDA	9500e A,N	1	HDAM	
	HDA/RMB	May to Jun		Miyahira, N	
Phytoseiulus	Italy	CA San Diego		UCR-JAM-82-0036	Oligonychus
persimilis	UCR	2100e A,N	1	UCR	punicae
Athias-Henriot		Jun		Johnson, H G	(Hirst)
Parasitiformes					avocado brown mite
Phytoseiidae					

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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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Praon volucre (Haliday) Hymenoptera Aphidiidae	France BIRL EPL/FG	WA Benton 100e A 1 Oct	WASUP-KSP-82-0002 WASUP Pike, K S	Rhopalosiphum padi (Linnaeus) bird cherry-oat aphid
	France BIRL EPL/FG	WA Benton 100e A 1 Oct	WASUP-KSP-82-0003 WASUP Pike, K S	SAME
Prococcophagus probus Annecke Hymenoptera Aphelinidae	South Africa UCB	CA Fresno 330e A 1 Jul	UCB-LEC-82-0008 UCB	Saissetia oleae (Olivier) black scale
	South Africa UCB	CA Tehama 850e A 1 Oct to Nov	UCB-LEC-82-0019 UCB	SAME
Prococcophagus saissetiae Annecke & Mynhardt Hymenoptera Aphelinidae	South Africa UCB	CA Fresno 350e A 1 Sep	UCB-LEC-82-0016 UCB	SAME
	South Africa UCB	CA Madera 65 A 1 Apr	UCB-LEC-82-0002 UCB	SAME
	South Africa UCB	CA Tehama 2250e A 1 Oct to Nov	UCB-LEC-82-0018 UCB	SAME
Propylea quatuordecimpunctata (Linnaeus) Coleoptera Coccinellidae	Yugoslavia UCB	WA Klickitat 8806 A,L 1 Apr to Aug	YARL-REF-82-0006-2 YARL Fye, R E	Psylla pyricola Förster pear psylla

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Propylea	Yugoslavia	WA Yakima	Psylla
quatuordecimpunctata	UCB	13908 A,L	pyricola
(Linnaeus)		Apr to Aug	Förster
Coleoptera			pear psylla
Coccinellidae			
Pseudapanteles	USA CA	HI Honolulu	Keiferia
dignus	HDA	71 A	lycopersicella
(Muesebeck)	HDA/RMB	Mar	(Walsingham)
Hymenoptera			tomato pinworm
Braconidae			
	USA CA	HI Maui	SAME
	HDA	400 A	
	HDA/RMB	Jan	Miyahira, N
	USA CA	HI Maui	SAME
	HDA	166 A	
	HDA/RMB	Mar	Miyahira, N
Pteroptrix	Korea, South (ROK)	DC Washington City	Unaspis
n. sp.	APL/RWC, HYH	87 A	euonymi
		Aug	(Comstock)
Hymenoptera			euonymus scale
Aphelinidae			
	Korea, South (ROK)	DC Washington City	SAME
	APL/RWC, HYH	262 A	
		Aug	FNCL
			Rivnay, T
	Korea, South (ROK)	DC Washington City	SAME
	APL/RWC, HYH	171 A	
		Aug	FNCL
			Rivnay, T
	Korea, South (ROK)	DC Washington City	SAME
	APL/RWC, HYH	71 A	
		Aug	FNCL
			Rivnay, T

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

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

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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 annectens DeLeon Parasitiformes Phytoseiidae	Mexico-Chiapas State UCR UCR/JAM, MB	CA Tulare 600e A,N Jun	1 UCR-JAM-82-0042 UCR Johnson, H G	Tetranychus urticae Koch twospotted spider mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA Ventura 1200e A,N Apr	2 UCR-JAM-82-0014 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Typhlodromus occidentalis Nesbitt Parasitiformes Phytoseiidae	USA-CA, WA HDA UCBB ?/	HI Hawaii 420 A,N Sep NOTE: 034	1 HDAH-ERY-82-0015 HDAH Yoshioka, E R	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA-CA, WA HDA UCBB ?/	HI Hawaii 1990e A,N Oct NOTE: 034	1 HDAH-ERY-82-0018 HDAH Yoshioka, E R	SAME
	USA-CA, WA HDA UCBB ?/	HI Hawaii 1820 A,N Nov NOTE: 034	2 HDAH-ERY-82-0020 HDAH Yoshioka, E R	SAME
	USA-CA, WA HDA UCBB ?/	HI Hawaii 8570e A,N Dec NOTE: 034	4 HDAH-ERY-82-0021 HDAH Yoshioka, E R	SAME

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

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

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

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

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: *Phyllocoptruta 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: *Hexamermis* 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: *Hexamermis* 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: *Pyrhalta 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

Opilomus 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 aethiopoides

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 aethiopoides
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 aethiopoides

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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 stygicus

Peristenus rubricollis

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

Eretmoceris 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.

Eretmoceris n. sp.

Encarsia sp. I

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

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: *Lophyproctus 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: *Holcorthorax 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 gelechiae*

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*

Coccygominus 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 gemmatilis	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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Aceria	WA, Spokane	WA Adams	WASU-GLP-82-0002-5
chondrillae	WASU/GLP	1000000e A,N	WASU
(Canestrini)		Aug	Piper, G L
Acariformes			
Eriophyidae			
	WA, Spokane	WA Franklin	WASU-GLP-82-0002-7
	WASU/GLP	1000000e A,N	WASU
		Aug	Piper, G L
	WA, Spokane	WA Garfield	WASU-GLP-82-0002-4
	WASU/GLP	1000000e A,N	WASU
		Jul	Piper, G L
	WA, Spokane	WA Spokane	WASU-GLP-82-0002
	WASU/GLP	2000000e A,N	WASU
		Jun to Aug	Piper, G L
	WA, Spokane	WA Stevens	WASU-GLP-82-0002-6
	WASU/GLP	1000000e A,N	WASU
		Aug	Piper, G L
	WA, Spokane	WA Whitman	WASU-GLP-82-0002-3
	WASU/GLP	1000000e A,N	WASU
		Jul	Piper, G L
Agasicles	FL, ?	AL Baldwin	CEJFL-JMD-82-0001-2
hygrophila	CEJFL/	2500e A	CEMAL
Selman & Vogt		May	Eubanks, M J
Coleoptera		NOTE: 134	
Chrysomelidae			
	FL, ?	AL Colbert	CEJFL-JMD-82-0003-2
	CEJFL/	500e A	TVAMSAL
		May	Murphy, D
		NOTE: 084, 134	

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

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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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Calophasia	Canada	WA Klickitat	WASU-GLP-82-0006-2	Linaria
lunula	BCWRL	325 L	WAKNWCB	dalmatica
(Hufnagel)		Aug	Gorman, R	(L.) Mill.
Lepidoptera				Dalmatian toadflax
Noctuidae				
	Canada	WA Spokane	BCWRL-82-0008	SAME
	CDARPS/JSK	50 L	WASU	
		Jun	Piper, G L	
	Canada	WA Spokane	BCWRL-82-0012-2	SAME
	CDARPS/JSK	100 L	WASU	
		Jun	Piper, G L	
	Canada	WA Spokane	WASU-GLP-82-0006-1	SAME
	BCWRL	301 L	WASU	
		Aug	Piper, G L	
	Canada	WA Yakima	BCWRL-82-0012-1	SAME
	CDARPS/JSK	100e L	FSYWA	
		Jun	Lattonius, S	
	Canada	WY Laramie	BCWRL-82-0034	SAME
	CDARPS/JSK	215 L	UWY	
		Jul	Hoel, C	
			McNamee, T	
Chrysolina	CA, Sacramento	CA Calaveras	CABCSPP-CDH-82-0001-4	Hypericum
quadrigemina	CABCSPP/LGB, KAC	7750e A	AGBCA	perforatum
(Suffrian)		May	Ghirrardelli, A	Linnaeus
Coleoptera				common St. Johnswort
Chrysomelidae				
	CA, Sacramento	CA Madera	CABCSPP-CDH-82-0001-2	SAME
	CABCSPP/LGB, KAC	3500e A	CABCSPP	
		May	Bezark, L G	

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Chrysolina	CA, Sacramento	CA Mariposa	CABCSP-CDH-82-0001-3
quadrigemina	CABCSP/LGB, KAC	3500e A ?	CAMCDA
(Suffrian)		May	Parker, C
Coleoptera			
Chrysomelidae			
	CA, Sacramento	CA Monterey	CABCSP-CDH-82-0001-1
	CABCSP/LGB, KAC	4000e A ?	CABCSP
		May	Bezark, L G
	WA, Whitman	WA Asotin	WASU-GLP-82-0001-6
	WASU/GLP	12000e A 1	WASU
		Jun	Piper, G L
	WA, Whitman	WA Ferry	WASU-GLP-82-0001-4
	WASU/GLP	12000e A 1	WASU
		Jun	Piper, G L
	WA, Whitman	WA Garfield	WASU-GLP-82-0001-3
	WASU/GLP	36000e A 1	WASU
		May to Jun	Piper, G L
	WA, Whitman	WA Klickitat	WASU-GLP-82-0001-2
	WASU/GLP	11468e A 1	WASU
		May to Jun	Piper, G L
	WA, Whitman	WA Okanogan	WASU-GLP-82-0001-5
	WASU/GLP	16000e A 1	WASU
		Jun	Piper, G L
	WA, Whitman	WA Pend Oreille	WASU-GLP-82-0001-7
	WASU/GLP	4000e A 1	WASU
		Jun	Piper, G L
	WA, Whitman	WA Whitman	WASU-GLP-82-0001-1
	WASU/GLP	12000e A 2	WASU
		May	Piper, G L

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Coleophora	CA, Fresno	CA Butte		CABCSP-CDH-82-0002	Salsola
klimeschiella	CABCSP/JH, BV	? e A	2	CABCDA CABCSP	australis
Toll		Jun		Mattoon, S	R. Br.
Lepidoptera				Villegas, B	Russian thistle
Coleophoridae					
	CA, Fresno	CA Butte		CABCSP-CDH-82-0009-3	SAME
	CABCSP/TE, JH	277 A	1	CABCSP	
		Jul		Waller, J	
	CA, Fresno	CA Fresno		CABCSP-CDH-82-0009-1	SAME
	CABCSP/TE, JH	421 A	1	CABCSP	
		Jun to Jul		Waller, J	
				Esser, T	
	CA, Fresno	CA Fresno		CABCSP-CDH-82-0011	SAME
	CABCSP/GL, JH	568 A	2	CABCSP	
		Aug		Luna, G	
				Halstead, J	
	CA, Fresno	CA Kern		CABCSP-CDH-82-0010	SAME
	CABCSP/GL, JH	1290 A	9	CAKCD A	
		Aug		Poore, D	
	CA, Fresno	CA Kern		CABCSP-CDH-82-0014	SAME
	CABCSP/GL, JH	630 A	4	CAKCD A	
		Aug		Poore, D	
	CA, Fresno	CA Sacramento		CABCSP-CDH-82-0002	SAME
	CABCSP/JH, BV	100 A	2	CABCSP	
		May		Esser, T	
	CA, Fresno	CA Tulare		CABCSP-CDH-82-0009	SAME
	CABCSP/TE, JH	1189 A	4	CABCSP	
		Jun to Jul		Esser, T	
				Villegas, B	

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Coleophora	CA, Fresno	CO Mesa	BCWRL-RWP-82-0011	Salsola
klimieschiella	BCWRL/GRJ	236 A 2	CODA	australis
Toll		Aug	Merlino, A J	R. Br.
Lepidoptera				Russian thistle
Coleophoridae				
	CA, Fresno	KS Russell	BCWRL-RWP-82-0013	SAME
	BCWRL/GRJ	99 A 1	KSSU	
		Aug	Horber, E K	
	CA, Fresno	MT Judith Basin	BCWRL-RWP-82-0012	SAME
	BCWRL/GRJ	150 A 1	MTSUM	
		Aug	Rardon, P L	
			*	
	CA, Fresno	WY Sublette	BCWRL-RWP-82-0010	SAME
	BCWRL/GRJ	219 A 1	UWY WYSCWPCD	
		Aug	Hoel, C	
			Burroughs, L	
Hadroplontus	MT, Gallatin	MD Prince Georges	BIIL-SWTB-82-0032	Cirsium
litura	BIIL/JLS	240e L 1	BIIL	arvense
(Fabricius)		Jun	Strachan, J L	(L.) Scop.
Coleoptera		NOTE: 011	Hight, S D	Canada thistle
Curculionidae				
Hyles	NY, Warren	MD Prince Georges	BIIL-SWTB-82-0058	Euphorbia
euphorbiae	BIIL/SWTB	? e P 1	BIIL	cyparissias
(Linnaeus)		Dec	Batra, S W T	Linnaeus
Lepidoptera				cypress spurge
Sphingidae				Euphorbia
				esula
				Linnaeus
				leafy spurge
	NY, Warren	NY Essex	BIIL-SWTB-82-0043	Euphorbia
	BIIL/SWTB	20 L 1	BIIL	cyparissias
		Jul	Batra, S W T	Linnaeus
				cypress spurge

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

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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>	
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 (Schränk) 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> <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>
Oberea erythrocephala (Schränk) 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, 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>
Rhinocyllus	CO, Larimer Co	CO Boulder	Carduus
conicus	CODA/FJS	3500e A ?	nutans
(Froelich)		May to Jun	Linnaeus
Coleoptera		NOTE: 108	musk thistle
Curculionidae			
	CO, Mesa Co	CO Eagle	SAME
	CODA/FJS	750e A ?	
		Jun	
		NOTE: 108	
	CO, Mesa Co	CO El Paso	SAME
	CODA/FJS	1000e A ?	
		Jun	
		NOTE: 108	
	CO, Mesa Co	CO Elbert	SAME
	CODA/FJS	750e A ?	
		Jun	
		NOTE: 108	
	CO, Mesa Co	CO Gilpin	SAME
	CODA/FJS	250e A ?	
		Jun	
		NOTE: 108	
	CO, Larimer Co	CO Jefferson	SAME
	CODA/FJS	500e A ?	
		May	
		NOTE: 108	
	CO, Mesa Co	CO Jefferson	SAME
	CODA/FJS	250e A ?	
		Jun	
		NOTE: 108	

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

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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>(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>Species, Subspecies</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Rhinocyllus	MT, Gallatin	ID Lemhi		RIL-NER-82-0001	Carduus
conicus	RIL/NER	500e A	1	IDDF	nutans
(Froelich)		May		Fritz, D	Linnaeus
Coleoptera		NOTE: 102			musk thistle
Curculionidae					
	MT, Gallatin	ID Washington		RIL-NER-82-0005	SAME
	RIL/NER	1000e A	1	IDBLCC	
		May		Munser, J	
		NOTE: 102			
	MT, Gallatin	IL ?		RIL-NER-82-0002	SAME
	RIL/NER	? e A	1	ILDA	
		May		Hogancamp, J C	
		NOTE: 102			
	MT, Gallatin	IN Moultrie		RIL-NER-82-0006	SAME
	RIL/NER	4000e A	1	INTW	
		May		Woriud, T	
		NOTE: 102			
	NE, Valley	KS Cloud		COMJJHNE-JJH-82-0025	SAME
	COMJJHNE/JJH	20000e A,P	1	KS-2	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	KS Cloud		COMJJHNE-JJH-82-0027	SAME
	COMJJHNE/JJH	20000e A,P	1	KS-2	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	KS Cloud		COMJJHNE-JJH-82-0029	SAME
	COMJJHNE/JJH	2500e A,P	1	KS-2	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Rhinocyllus	NE, Valley	KS Cloud		COMJJHNE-JJH-82-0030	Carduus
conicus	COMJJHNE/JJH	5000e A,P	1	KS-2	nutans
(Froelich)		Jul		Bus.Customer, JJH	Linnaeus
Coleoptera		NOTE: 088, 089			musk thistle
Curculionidae					
	NE, Valley	KS Cloud		COMJJHNE-JJH-82-0032	SAME
	COMJJHNE/JJH	5000e A,P	1	KS-2	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	KS Cloud		COMJJHNE-JJH-82-0033	SAME
	COMJJHNE/JJH	20000e A,P	1	KS-5	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	KS Cloud		COMJJHNE-JJH-82-0034	SAME
	COMJJHNE/JJH	20000e A,P	1	KS-2	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	KS Nemaha		COMJJHNE-JJH-82-0024	SAME
	COMJJHNE/JJH	10000e A,P	1	KS-1	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	KS Republic		COMJJHNE-JJH-82-0028	SAME
	COMJJHNE/JJH	2500e A,P	1	KS-3	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	KS Republic		COMJJHNE-JJH-82-0031	SAME
	COMJJHNE/JJH	5000e A,P	1	KS-4	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			

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

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

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

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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>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>
Rhinocyllus	NE, Valley	MO Ralls		COMJJHNE-JJH-82-0040	Carduus
conicus	COMJJHNE/JJH	2000e A,P	1	MO-3	nutans
(Froelich)		Jul		Bus.Customer, JJH	Linnaeus
Coleoptera		NOTE: 088, 089			musk thistle
Curculionidae					
	NE, Valley	MO Ralls		COMJJHNE-JJH-82-0041	SAME
	COMJJHNE/JJH	2000e A,P	1	MO-3	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	MO Ralls		COMJJHNE-JJH-82-0043	SAME
	COMJJHNE/JJH	2000e A,P	1	MO-3	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	MO Ralls		COMJJHNE-JJH-82-0044	SAME
	COMJJHNE/JJH	2000e A,P	1	MO-3	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	MO Ralls		COMJJHNE-JJH-82-0045	SAME
	COMJJHNE/JJH	2000e A,P	1	MO-4	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	NE, Valley	MO Ralls		COMJJHNE-JJH-82-0046	SAME
	COMJJHNE/JJH	4000e A,P	1	MO-3	
		Jul		Bus.Customer, JJH	
		NOTE: 088, 089			
	MO, Webster	MO St Louis		UMO-MLF-82-0014	SAME
	UMO/	1000e A	2		
	MODA/	May			
		NOTE: 097			

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

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

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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>
Rhinocyllus	NE, Valley	NE Boone	Carduus
conicus	COMJJHNE/JJH	5000e A,P 1	nutans
(Froelich)		Jul	Linnaeus
Coleoptera		NOTE: 088, 089	musk thistle
Curculionidae			
	NE, Valley	NE Boone	SAME
	COMJJHNE/JJH	10000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Boone	SAME
	COMJJHNE/JJH	20000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Boone	SAME
	COMJJHNE/JJH	40000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Buffalo	SAME
	COMJJHNE/JJH	40000e A,P 1	
		Aug	
		NOTE: 088, 089	
	NE, Valley	NE Buffalo	SAME
	COMJJHNE/JJH	6000e A,P 1	
		Aug	
		NOTE: 088, 089	
	NE, Valley	NE Clay	SAME
	COMJJHNE/JJH	40000e A,P 1	
		Jul	
		NOTE: 088, 089	

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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>
Rhinocyllus	NE, Valley	NE Cuming	Carduus
conicus	COMJJHNE/JJH	5000e A,P 1	nutans
(Froelich)		Jul	Linnaeus
Coleoptera		NOTE: 088, 089	musk thistle
Curculionidae			
	NE, Valley	NE Cuming	SAME
	COMJJHNE/JJH	10000e A,P 1	
		Aug	
		NOTE: 088, 089	
	NE, Valley	NE Custer	SAME
	COMJJHNE/JJH	10000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Custer	SAME
	COMJJHNE/JJH	10000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Custer	SAME
	COMJJHNE/JJH	20000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Dawson	SAME
	COMJJHNE/JJH	20000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Dawson	SAME
	COMJJHNE/JJH	20000e A,P 1	
		Jul	
		NOTE: 088, 089	

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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>
Rhinocyllus	NE, Valley	NE Dawson	Carduus
conicus	COMJJHNE/JJH	100000e A,P 1	nutans
(Froelich)		Jul	Linnaeus
Coleoptera		NOTE: 088, 089	musk thistle
Curculionidae			
	MT, Gallatin	NE Dixon	
	RIL/NER	500e A 1	SAME
		May	NEDHT
		NOTE: 102	Tracy, D H
	MT, Gallatin	NE Douglas	
	RIL/NER	1500e A 1	SAME
		May	CEONE
		NOTE: 102	Dunwoody, D
	NE, Valley	NE Furnas	
	COMJJHNE/JJH	30000e A,P 1	SAME
		Jul	NE-33
		NOTE: 088, 089	Bus.Customer, JJH
	NE, Valley	NE Furnas	
	COMJJHNE/JJH	10000e A,P 1	SAME
		Jul	NE-33
		NOTE: 088, 089	Bus.Customer, JJH
	NE, Valley	NE Furnas	
	COMJJHNE/JJH	20000e A,P 1	SAME
		Jul	NE-33
		NOTE: 088, 089	Bus.Customer, JJH
	NE, Valley	NE Greeley	
	COMJJHNE/JJH	60000e A,P 1	SAME
		Jul	NE-23
		NOTE: 088, 089	Bus.Customer, JJH

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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>Releaser Acronym, Name</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	
Rhinocyllus	NE, Valley	NE Greeley	COMJJHNE-JJH-82-0009	Carduus
conicus	COMJJHNE/JJH	20000e A,P	1	NE-23
(Froelich)		Jul	Bus.Customer, JJH	Linnaeus
Coleoptera		NOTE: 088, 089		musk thistle
Curculionidae				
	NE, Valley	NE Greeley	COMJJHNE-JJH-82-0014	SAME
	COMJJHNE/JJH	10000e A,P	1	NE-23
		Jul	Bus.Customer, JJH	
		NOTE: 088, 089		
	NE, Valley	NE Greeley	COMJJHNE-JJH-82-0020	SAME
	COMJJHNE/JJH	20000e A,P	1	NE-19
		Jul	Bus.Customer, JJH	
		NOTE: 088, 089		
	NE, Valley	NE Greeley	COMJJHNE-JJH-82-0056	SAME
	COMJJHNE/JJH	10000e A,P	1	NE-19
		Jul	Bus.Customer, JJH	
		NOTE: 088, 089		
	NE, Valley	NE Howard	COMJJHNE-JJH-82-0006	SAME
	COMJJHNE/JJH	20000e A,P	1	NE-22
		Jul	Bus.Customer, JJH	
		NOTE: 088, 089		
	NE, Valley	NE Howard	COMJJHNE-JJH-82-0007	SAME
	COMJJHNE/JJH	20000e A,P	1	NE-22
		Jul	Bus.Customer, JJH	
		NOTE: 088, 089		
	NE, Valley	NE Howard	COMJJHNE-JJH-82-0016	SAME
	COMJJHNE/JJH	20000e A,P	1	NE-10
		Jul	Bus.Customer, JJH	
		NOTE: 088, 089		

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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>
Rhinocyllus	NE, Valley	NE Howard	Carduus
conicus	COMJJHNE/JJH	20000e A,P 1	nutans
(Froelich)		Jul	Linnaeus
Coleoptera		NOTE: 088, 089	musk thistle
Curculionidae			
	NE, Valley	NE Howard	SAME
	COMJJHNE/JJH	20000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Knox	SAME
	COMJJHNE/JJH	20000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Knox	SAME
	COMJJHNE/JJH	15000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Knox	SAME
	COMJJHNE/JJH	6000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Madison	SAME
	COMJJHNE/JJH	20000e A,P 1	
		Jul	
		NOTE: 088, 089	
	NE, Valley	NE Merrick	SAME
	COMJJHNE/JJH	87500e A,P 1	
		Jul	
		NOTE: 088, 089	

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

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

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

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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>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>	
Rhinocyllus	MT, Gallatin	UT Daggett	RIL-NER-82-0033	Carduus
conicus	RIL/NER	500e A	1	FSMUT
(Froelich)		May	Larson, B	nutans
Coleoptera		NOTE: 102		Linnaeus
Curculionidae				musk thistle
	MT, Gallatin	UT Rich	COLL-X-82-0001	SAME
	COLL/XX	? e A	1	UTDLL
		May		
	MT, Gallatin	UT Salt Lake	RIL-NER-82-0025	SAME
	RIL/NER	1000e A	1	BLMSLCUT
		May	Page, R	
		NOTE: 102		
	MT, Gallatin	UT Wayne	RIL-NER-82-0031	SAME
	RIL/NER	500e A	1	BLMHUT
		May	Sip, L	
		NOTE: 102		
	MT, Gallatin	UT Weber	RIL-NER-82-0008	SAME
	RIL/NER	2000e A	1	FSOUT
		May	Curtis, D	
		NOTE: 102		
	VA, Montgomery	VA Albemarle	VPI-LTK-82-0005	Carduus
	VPI/TJM, WTM	400e A	4	VPI
		Jun	McAvoy, T J	acanthoides
			Mays, W T	Linnaeus
				plumeless thistle
	VA, Montgomery	VA Albemarle	VPI-LTK-82-0027	Carduus
	VPI/TJM, WTM	500e A	1	VAABK
		Jun	Kindrick, A B	nutans
				Linnaeus
				musk thistle
	VA, Montgomery	VA Augusta	VPI-LTK-82-0020	SAME
	VPI/TJM, WTM	100e A	1	VPI
		Jun	McAvoy, T J	
			Kok, L T	

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<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>	
Rhinocyllus	VA, Montgomery	VA Charlottesville	VPI-LTK-82-0026	Carduus
conicus	VPI/TJM, WTM	500e A 1	VABJS	nutans
(Froelich)		Jun	Shaw-Kennedy, B J	Linnaeus
Coleoptera				musk thistle
Curculionidae				
	VA, Montgomery	VA Culpeper	VPI-LTK-82-0010	Carduus
	VPI/TJM, WTM	200e A 2	VPI	acanthoides
		Jun	Mays, W T	Linnaeus
			Kok, L T	plumeless thistle
				Carduus
				nutans
				Linnaeus
				musk thistle
	VA, Montgomery	VA Greene	VPI-LTK-82-0009	Carduus
	VPI/TJM, WTM	100e A 1	VPI	acanthoides
		Jun	McAvoy, T J	Linnaeus
			Mays, W T	plumeless thistle
				Carduus
				nutans
				Linnaeus
				musk thistle
	VA, Montgomery	VA Highland	VPI-LTK-82-0028	SAME
	VPI/TJM, WTM	500e A 1	VAWBS	
		Jun	Sheldon, W B	
	VA, Montgomery	VA Louisa	VPI-LTK-82-0006	Carduus
	VPI/TJM, WTM	200e A 2	VPI	acanthoides
		Jun	Mays, W T	Linnaeus
			Kok, L T	plumeless thistle
	VA, Montgomery	VA Madison	VPI-LTK-82-0008	SAME
	VPI/TJM, WTM	100e A 1	VPI	
		Jun	McAvoy, T J	
			Mays, W T	

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

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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>Releaser Acronym, Name</u>	
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	
Rhinocyllus	MT, Gallatin	WY Fremont	RIL-NER-82-0026	Carduus
conicus	RIL/NER	1200e A	1	BIAFWWY
(Froelich)		May		Beneder, L
Coleoptera		NOTE: 102		
Curculionidae				nutans
				Linnaeus
				musk thistle
	MT, Gallatin	WY Goshen	RIL-NER-82-0014	SAME
	RIL/NER	1500e A	1	WYGCWPCD
	WYGCWPCD/RS	May		Schwartzkopf, R
		NOTE: 102		
	MT, Gallatin	WY Lincoln	RIL-NER-82-0032	SAME
	RIL/NER	1000e A	1	WYLCWPCD
	WYLCWPCD/SN	May		Neil, S
		NOTE: 102		
	MT, Gallatin	WY Park	RIL-NER-82-0013	SAME
	RIL/NER	2000e A	1	WYPCWPCD
	WYPCWPCD/RRP	May		Parsons, R R
		NOTE: 102		
	MT, Gallatin	WY Sublette	RIL-NER-82-0019-2	SAME
	UWY/RJL	? e A	1	UWY
	RIL/NER	May		Lavigne, R J
		NOTE: 102		
	MT, Gallatin	WY Uinta	RIL-NER-82-0034	SAME
	RIL/NER	4000e A	1	WYAP
		May		Jensen, J
		NOTE: 102		
Trichosirocalus	VA, Montgomery	KS Pottawatomie	VPI-LTK-82-0029-2	SAME
horridus	VA, Pulaski	150 A	1	KSSU
(Panzer)	VPI/LTK	Jun		Horber, E K
Coleoptera	KSSU/EKH			
Curculionidae				

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

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Trichosirocalus	VA, Montgomery	VA Albemarle	VPI-LTK-82-0011
horridus	VPI/TJM, WTM	600e A	4 VPI
(Panzer)		Jun	McAvoy, T J
Coleoptera			Mays, W T
Curculionidae			
	VA, Montgomery	VA Augusta	VPI-LTK-82-0024
	VPI/TJM, WTM	300e A	2 VPI
		Jun	McAvoy, T J
			Mays, W T
	VA, Montgomery	VA Culpeper	VPI-LTK-82-0016
	VPI/TJM, WTM	300e A	2 VPI
		Jun	Mays, W T
			McAvoy, T J
	VA, Montgomery	VA Fauquier	VPI-LTK-82-0017
	VPI/TJM, WTM	750e A	5 VPI
		Jun	McAvoy, T J
			Mays, W T
	VA, Montgomery	VA Frederick	VPI-LTK-82-0022
	VPI/TJM, WTM	150e A	1 VPI
		Jun	McAvoy, T J
			Mays, W T
	VA, Montgomery	VA Greene	VPI-LTK-82-0015
	VPI/TJM, WTM	150e A	1 VPI
		Jun	Mays, W T
			Kok, L T
			Carduus
			acanthoides
			Linnaeus
			plumeless thistle

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

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Urophora	Canada-BC	MT Mineral	Centaurea
affinis	MTSUC/JMS	10000e A 1	maculosa
(Frauenfeld)	CDARSK/PH	Jun	Lam.
Diptera		NOTE: 112	spotted knapweed
Tephritidae			
Urophora	Austria	CA Shasta	Cirsium
cardui	BCWLE/AR, PP	199 A 1	arvense
(Linnaeus)		Jul	(L.) Scop.
Diptera			Canada thistle
Tephritidae			
	Austria	CA Siskiyou	SAME
	BCWLE/AR, PP	195 A 1	
		Jul	
	Austria	CA Siskiyou	SAME
	BCWLE/AR, PP	199 A 1	
		Jul	
	Austria	CO Mesa	SAME
	BCWLE/AR, PP	170 A 1	
		Jun	
	Austria	IA Cedar	SAME
	BCWLE/AR, PP	359 A 1	
		Jun	
	Austria	MD Baltimore	SAME
	BCWLE/AR, PP	290e A 1	
		Jun	
	MD, Prince Georges	MD Frederick	SAME
	BIIL/SWTB	278e A 2	
		May	
		NOTE: 091	

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<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>	<u>* = Specimens Kept</u>	<u>Author, Common Name</u>
Urophora	Austria	MD Harford	BCWRL-82-0003	Cirsium
cardui	BCWLE/AR, PP	195 A 1	BIIL	arvense
(Linnaeus)		Jun	Batra, S W T	(L.) Scop.
Diptera				Canada thistle
Tephritidae				
	Austria	MD Prince Georges	BCWRL-82-0011-1	SAME
	BCWLE/AR, PP	100 A 1	BIIL	
		Jun	Batra, S W T	
	Austria	MD Prince Georges	BCWRL-82-0022	SAME
	BCWLE/AR, PP	195 A 1	BIIL	
		Jul	Batra, S W T	
	MD, Prince Georges	MD Washington	BIIL-SWTB-82-0012	SAME
	BIIL/SWTB	290e A 3	BIIL	
		May	Batra, S W T	
		NOTE: 091		
	MD, Prince Georges	MD Washington	BIIL-SWTB-82-0013	SAME
	BIIL/SWTB	80e A 1	BIIL	
		May	Batra, S W T	
		NOTE: 091		
	Austria	MT Ravalli	BCWRL-82-0021	SAME
	BCWLE/AR, PP	109 A 1	MTSUC	
		Jul	Story, J M	
	Austria	MT Ravalli	BCWRL-82-0024	SAME
	BCWLE/AR, PP	199 A 1	MTSUC	
		Jul	Story, J M	
	Austria	MT Ravalli	BCWRL-82-0028	SAME
	BCWLE/AR, PP	151 A 1	MTSUC	
		Jul	Story, J M	

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Urophora	Austria	NV Elko	Cirsium
cardui	BCWLE/AR, PP	159 A 2	arvense
(Linnaeus)		Jun	(L.) Scop.
Diptera			Canada thistle
Tephritidae			
	Austria	OR Benton	BCWRL-82-0004
	BCWLE/AR, PP	200 A 1	ORDA
		May	Hawkes, R B
	Austria	OR Benton	BCWRL-82-0020
	BCWLE/AR, PP	100 A 1	ORDA
		Jun	Hawkes, R B
	Austria	OR Polk	BCWRL-82-0001
	BCWLE/AR, PP	200e A 1	ORDA
		May	Hawkes, R B
	Austria	WA San Juan	BCWRL-82-0031
	BCWLE/AR, PP	150 A 1	NPSSWA
		Jul	Prasil, R G
	Austria	WA Whitman	BCWRL-82-0013
	BCWLE/AR, PP	184 A 2	WASU
		Jun	Piper, G L
	Austria	WA Whitman	BCWRL-82-1023
	BCWLE/AR, PP	200 A 1	WASU
		Jul	Piper, G L
	Austria	WY Campbell	BCWRL-82-0016-2
	BCWLE/AR, PP	123 A 1	UWY
		Jun	Lavigne, R J
	Austria	WY Crook	BCWRL-82-0016-1
	BCWLE/AR, PP	144 A 1	UWY
		Jun	Littlefield, J L

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SECTION II - INTRODUCED WEED CONTROL AGENTS 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</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>
Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	WY Fremont 62 A 1 Jun	BCWRL-82-0016-3 UWY Lavigne, R J Cirsium arvense (L.) Scop. Canada thistle
Urophora quadrifasciata (Meigen) Diptera Tephritidae	MT, Missoula	MT ? ? L 1 May NOTE: 100	MTSUC-JMS-82-0002 Centaurea maculosa Lam. spotted knapweed
	WA, Spokane WASU/GLP	WA Garfield 1500e A 1 Jul	WASU-GLP-82-0004 WASUEXTP Bragg, D Centaurea diffusa Lam. diffuse knapweed
	WA, Spokane WASU/GLP	WA Klickitat 5500e A 1 Jul	WASU-GLP-82-0003 WAKNWCB Gorman, B SAME
	WA, Spokane WASU/GLP	WA Yakima 2000e A 1 Jul	WASU-GLP-82-0005 WAYWD1 Wright, T SAME
Zeuxidiplosis giardi (Kieffer) Diptera Cecidomyiidae	CA, Alameda BCWRL/	ID Kootenai ? e L,P 1 Jun NOTE: 011	BCWRL-LAA-82-0004 UID Wheeler, G S Hypericum perforatum Linnaeus common St. Johnswort
	USA, CA, Alameda (ex France) BCWRL	MT Gallatin ? e L,P 1 Aug NOTE: 113	RIL-NER-82-0040 RIL Rees, N E 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>* = Specimens Kept</u>
Zeuxidiplosis	CA, Alameda	OR Marion	BCWRL-LAA-82-0003
giardi	BCWRL/	? e L,P	ORDA
(Kieffer)		May	Hawkes, R B
Diptera		NOTE: 011	
Cecidomyiidae			
	USA, CA	OR Marion	ORDA-RBH-82-0001
	BCWRL	? e A,L	ORDA
		May	Hawkes, R B
		NOTE: 011	
	CA, Alameda	WA Whitman	BCWRL-LAA-82-0006
	BCWRL/	? e L,P	WASU
		Jun	Piper, G L
		NOTE: 011	

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

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

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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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

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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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

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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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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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

Common Name	Genus-species	Order:Family
alligatorweed	Alternanthera philoxeroides	Caryophyllales:Amaranthaceae
bull thistle	Cirsium vulgare	Asterales:Asteraceae
Canada thistle	Cirsium arvense	Asterales:Asteraceae
common St. Johnswort	Hypericum perforatum	Theales:Clusiaceae
cypress spurge	Euphorbia cyparissias	Euphorbiales:Euphorbiaceae
Dalmatian toadflax	Linaria dalmatica	Scrophulariales:Scrophulariaceae
diffuse knapweed	Centaurea diffusa	Asterales:Asteraceae
leafy spurge	Euphorbia esula	Euphorbiales:Euphorbiaceae
Mediterranean sage	Salvia aethiopis	Lamiales:Lamiaceae
milk thistle	Silybum marianum	Asterales:Asteraceae
musk thistle	Carduus nutans	Asterales:Asteraceae
plumeless thistle	Carduus acanthoides	Asterales:Asteraceae
puncturevine	Tribulus terrestris	Sapindales:Zygophyllaceae
rush skeletonweed	Chondrilla juncea	Asterales:Asteraceae
Russian thistle	Salsola australis	Caryophyllales:Chenopodiaceae
spotted knapweed	Centaurea maculosa	Asterales:Asteraceae
tansy ragwort	Senecio jacobaea	Asterales:Asteraceae
waterhyacinth	Eichhornia crassipes	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>(at time of release)</u>
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>No. of Sites</u>	<u>Releaser Acronym, Name</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>
HbGV	CA, San Diego	CA Tulare	UCR-BAF-82-0001	Harrisina
(granulosis virus)	UCR		UCR	brillians
	UCR/		Federici, B A	Barnes & McDunnough
		NOTE: 085	Stern, V M	western grapeleaf skeletonizer
Baculoviridae				

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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

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>Genus</u>	<u>Country, State/Prov, Co</u>	<u>State, County</u>			
<u>Species, Subspecies</u>	<u>Facilities</u>	<u>Total, Stage</u>			
<u>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		<u>Releaser Acronym, Name</u>	<u>Target</u>
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		<u>* = Specimens Kept</u>	<u>(at time of release)</u>
Chalicodoma	Egypt	NV Clark		BBSL-82-0001	alfalfa
mucorea	EGCU/SER	19 A	1	BBSL	
Fries		Apr to May		Parker, F D	
Hymenoptera					
Megachilidae					
Euoniticellus	?	HI Hawaii		HDA-82-0004	cattle dung &
intermedius	CSIROC	565 A	1	HDAH	horn fly
(Reiche)		Oct		Yoshioka, E R	
Coleoptera					
Scarabaeidae					
	USA, CA	TX Brazos		VTERL-GTF-82-0009	SAME
	(ex South Africa)	1692 A	1	VTERL	
	UCDEXT	Jul to Nov		Fincher, G T	
Onitis	USA, CA	TX Brazos		VTERL-GTF-82-0008-2	SAME
alexis	(ex South Africa)	202 A	1	VTERL	
Klug	UCDEXT	Sep		Fincher, G T	
Coleoptera					
Scarabaeidae					
	USA, CA	TX Burleson		VTERL-GTF-82-0008-1	SAME
	(ex South Africa)	38 A	1	VTERL	
	UCDEXT	Jul		Fincher, G T	
Onthophagus	Pakistan	TX Brazos		VTERL-GTF-82-0007-2	SAME
bonasus	VTERL	1552 A	1	VTERL	
(Fabricius)		Jul to Sep		Fincher, G T	
Coleoptera					
Scarabaeidae					
	Pakistan	TX Burleson		VTERL-GTF-82-0007-1	SAME
	VTERL	218 A	1	VTERL	
		Jul		Fincher, G T	
Osmia	MD, Prince Georges	GA De Kalb		BIIL-SWTB-81-0025	apple, peach
cornifrons	BIIL/SWTB	150e A	1	COMBI	
(Radoszkowski)		Jan		Batra, P	
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>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>Author</u>	<u>Collector Acronym/</u>	<u>No. of Sites</u>		
<u>Order, Family</u>	<u>Initials</u>	<u>Month /SEE NOTES</u>		
Osmia cornifrons (Radoszkowski) Hymenoptera Megachilidae	MD, Prince Georges BIIL/SWTB	MD Anne Arundel 150e A 1 Mar	BIIL-SWTB-82-0002 MDLM Monticello, L	apple
	Japan, Honshu JANFTES/TK	MD Prince Georges 9800e A 1 Apr	BIRL-81-0185 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	VT Washington 150e A 1 Mar	BIIL-SWTB-82-0003 VTDA Drutschas, R A	SAME
Osmia cornuta Latreille Hymenoptera Megachilidae	Spain SPINIAV/EA	UT Cache 1568 A 1 May	BBSL-82-0002 BBSL Torchio, P F	SAME
Osmia lignaria propinqua Cresson Hymenoptera Megachilidae	UT, Cache BBSL/PFT	VA Nelson 6591e A 1 Apr	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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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

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 aonidia (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: Aphididae

Aphidius ervi Haliday PA

Ephedrus plagiator (Nees) PA

Praon volucre (Haliday) PA

Aphidius uzbekistanicus Luzhetzki PA

Praon sp. PA

Family: Bethyridae

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 lymantriae Watanabe PA

Zelomorpha sp. PA

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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

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

Holcathorax 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 parksii Crawford PA

Chrysonotomyia formosa (Westwood) PA

Chrysonotomyia rufofum (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

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

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

State: AR
County: Dallas
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: AR

County: Desha

Genus-species: *Bathyplectes anurus* PA

Encarsia lahorensis PA

State: AR

County: Drew

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Grant

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Hempstead

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Howard

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Independence

Genus-species: *Bathyplectes anurus* PA

State: AR

County: Jefferson

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Lafayette

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Lincoln

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Little River

Genus-species: *Encarsia lahorensis* PA

State: AR

County: Madison

Genus-species: *Bathyplectes anurus* PA

State: AR

County: Marion

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

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

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
Microgaster lareynii WE

Chrysolina quadrigemina WE
Microgaster 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 gelechiae 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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Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

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

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
Microctonus lypriformis WE

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

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

Glyptapanteles flavicoxis PA

Pediobius foveolatus PA

Edovum puttleri PA

Glyptapanteles indiensis 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

Nephaspis oculata PR

Larra bicolor PA

State: FL

County: Dade

Genus-species: Corsoncus magus PA

Euplectrus puttleri PA

Microcharops bimaculata PA

Nephaspis oculata PR

Zelomorpha sp. PA

Diachasmimorpha tryoni PA

Glyptapanteles sp. prob. caffreyi P

Microplitis manilae PA

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

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

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

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 aethiopoides 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 aethiopoides PA

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

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

State: IA
County: Iowa
Genus-species: *Bathypsectes anurus* PA

State: IA
County: Jackson
Genus-species: *Bathypsectes anurus* PA

State: IA
County: Jasper
Genus-species: *Bathypsectes anurus* PA

Microctonus aethiopoides PA

State: IA
County: Jefferson
Genus-species: *Bathypsectes anurus* PA

State: IA
County: Lee
Genus-species: *Bathypsectes anurus* PA

State: IA
County: Linn
Genus-species: *Bathypsectes anurus* PA

State: IA
County: Marshall
Genus-species: *Bathypsectes anurus* PA

Microctonus aethiopoides PA

State: IA
County: Monroe
Genus-species: *Bathypsectes anurus* PA

Microctonus aethiopoides PA

State: IA
County: Montgomery
Genus-species: *Bathypsectes anurus* PA

Microctonus aethiopoides PA

State: IA
County: Page
Genus-species: *Bathypsectes anurus* PA

State: IA
County: Pottawattamie
Genus-species: *Bathypsectes anurus* PA

Microctonus aethiopoides PA

State: IA
County: Ringgold
Genus-species: *Bathypsectes anurus* PA

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

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

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State: ID

Genus-species: *Rhinocyllus conicus* WE

State: IL

Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

State: IL

Genus-species: *Rhinocyllus conicus* WE

State: IL

Genus-species: Bathyplectes anurus PA

State: IL

Genus-species: *Bathyplectes anurus* PA

State: IL

Genus-species: *Bathyplectes anurus* PA

State: IL

Genus-species: Bathyplectes anurus PA

State: IL

Genus-species: *Bathyplectes anurus* PA

State: IL

Genus-species: Bathyplectes anurus PA

State: IL

Genus-species: Bathyplectes anurus PA

State: IL

Genus-species: *Bathyplectes anurus* PA

State: IL

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

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

State: IL

County: Will

Genus-species: *Bathypsectes anurus* PA

State: IL

County: Winnebago

Genus-species: *Bathypsectes anurus* PA

State: IL

County: Woodford

Genus-species: *Bathypsectes anurus* PA

State: IN

County:

Genus-species: *Bathypsectes curculionis* PA

Microctonus colesi PA

State: IN

County: Clay

Genus-species: *Pediobius foveolatus* PA

State: IN

County: Delaware

Genus-species: *Bathypsectes anurus* PA

State: IN

County: Hamilton

Genus-species: *Bathypsectes anurus* PA

State: IN

County: LaPorte

Genus-species: *Bathypsectes anurus* PA

State: IN

County: Lawrence

Genus-species: *Bathypsectes anurus* PA

State: IN

County: Montgomery

Genus-species: *Bathypsectes anurus* PA

State: IN

County: Moultrie

Genus-species: *Rhinocyllus conicus* WE

State: IN

County: Owen

Genus-species: *Pediobius foveolatus* PA

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

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

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

State: KS
 County: Osage
 Genus-species: *Bathypsectes anurus* PA

State: KS
 County: Osborne
 Genus-species: *Bathypsectes anurus* PA *Microctonus aethiopoides* PA

State: KS
 County: Pawnee
 Genus-species: *Bathypsectes anurus* PA

State: KS
 County: Pottawatomie
 Genus-species: *Bathypsectes anurus* PA *Trichosirocalus horridus* WE

State: KS
 County: Pratt
 Genus-species: *Bathypsectes anurus* PA *Oomyzus incertus* PA

State: KS
 County: Reno
 Genus-species: *Bathypsectes anurus* PA

State: KS
 County: Republic
 Genus-species: *Rhinocyllus conicus* WE

State: KS
 County: Riley
 Genus-species: *Trichosirocalus horridus* WE

State: KS
 County: Russell
 Genus-species: *Bathypsectes anurus* PA *Coleophora klimeschiella* WE
 Microctonus aethiopoides PA

State: KS
 County: Scott
 Genus-species: *Bathypsectes anurus* PA

State: KS
 County: Sedgwick
 Genus-species: *Bathypsectes anurus* PA *Microctonus aethiopoides* PA

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State: KS

County: Shawnee

Genus-species: *Bathyplectes anurus* PA

Microctonus aethiopoides PA

State: KS

County: Sheridan

Genus-species: *Bathyplectes anurus* PA

State: KS

County: Sherman

Genus-species: *Bathyplectes anurus* PA

State: KY

County:

Genus-species: *Bathyplectes curculionis* PA

Microctonus colesi PA

State: KY

County: Barren

Genus-species: *Bathyplectes anurus* PA

State: KY

County: Christian

Genus-species: *Bathyplectes anurus* PA

State: KY

County: Hart

Genus-species: *Bathyplectes anurus* PA

State: KY

County: Laurel

Genus-species: *Bathyplectes anurus* PA

State: KY

County: Lincoln

Genus-species: *Bathyplectes anurus* PA

State: KY

County: Logan

Genus-species: *Bathyplectes anurus* PA

State: KY

County: Madison

Genus-species: *Bathyplectes anurus* PA

State: KY

County: Marion

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

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

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

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

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
 Harmonia axyridis PR
 Hyles euphorbiae WE
 Pteroptrix n. sp. PA
 Urophora cardui WE

Hadroplontus litura WE
 Hexamermis sp. PA
 Osmia cornifrons PO
 Trichosirocalus horridus 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: Bathypsectes curculionis PA

Microctonus colesi PA

State: MI
 County: Alcona
 Genus-species: Bathypsectes anurus PA

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

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

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

State: MI
County: Bay
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Calhoun
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Chippewa
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Crawford
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Delta
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Dickinson
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Emmet
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Genesee
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Gladwin
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Gogebic
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Grand Traverse
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Gratiot
Genus-species: *Bathypsectes anurus* PA

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

State: MI
County: Hillsdale
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Houghton
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Huron
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Ingham
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Isabella
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Kent
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Leelanau
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Manistee
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Mason
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Missaukee
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Monroe
Genus-species: *Bathypsectes anurus* PA

State: MI
County: Montmorency
Genus-species: *Bathypsectes anurus* PA

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

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

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

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: Knox

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Laclede

Genus-species: *Rhinocyllus conicus* WE

State: MO

County: Lawrence

Genus-species: *Bathyplectes anurus* PA

Rhinocyllus conicus WE

Edovum puttleri PA

State: MO

County: Lincoln

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Linn

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Macon

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Madison

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Marion

Genus-species: *Bathyplectes anurus* PA

Rhinocyllus conicus WE

State: MO

County: Montgomery

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Newton

Genus-species: *Bathyplectes anurus* PA

State: MO

County: Osage

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: 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: Lamar
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Lauderdale
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Lawrence
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Leake
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Lee
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Leflore
Genus-species: *Agasicles hygrophila* WE *Encarsia lahorensis* PA

State: MS
County: Lincoln
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Lowndes
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Madison
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Marion
Genus-species: *Encarsia lahorensis* PA

State: MS
County: Monroe
Genus-species: *Encarsia lahorensis* PA

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

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

State: ND

County: McKenzie

Genus-species: *Bathypsectes anurus* PA
Oomyzus incertus PA

Microctonus aethiopoides PA

State: NE

County:

Genus-species: *Bathypsectes curculionis* PA

Microctonus colesi PA

State: NE

County: Antelope

Genus-species: *Rhinocyllus conicus* WE

State: NE

County: Blaine

Genus-species: *Bathypsectes anurus* PA

State: NE

County: Boone

Genus-species: *Rhinocyllus conicus* WE

State: NE

County: Buffalo

Genus-species: *Bathypsectes anurus* PA

Rhinocyllus conicus WE

State: NE

County: Cherry

Genus-species: *Bathypsectes 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: *Bathypsectes anurus* PA

Rhinocyllus conicus WE

State: NE

County: Dawson

Genus-species: *Bathypsectes anurus* PA

Rhinocyllus conicus WE

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

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

State: NE
 County: Hitchcock
 Genus-species: *Bathypsectes anurus* PA

State: NE
 County: Howard
 Genus-species: *Bathypsectes anurus* PA *Rhinocyllus conicus* WE

State: NE
 County: Keith
 Genus-species: *Bathypsectes anurus* PA

State: NE
 County: Knox
 Genus-species: *Rhinocyllus conicus* WE

State: NE
 County: Lincoln
 Genus-species: *Bathypsectes anurus* PA

State: NE
 County: Madison
 Genus-species: *Rhinocyllus conicus* WE

State: NE
 County: Merrick
 Genus-species: *Rhinocyllus conicus* WE

State: NE
 County: Morrill
 Genus-species: *Bathypsectes anurus* PA

State: NE
 County: Nance
 Genus-species: *Bathypsectes anurus* PA

State: NE
 County: Nuckolls
 Genus-species: *Bathypsectes anurus* PA *Oomyzus incertus* PA

State: NE
 County: Pawnee
 Genus-species: *Rhinocyllus conicus* WE

State: NE
 County: Perkins
 Genus-species: *Bathypsectes anurus* PA

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

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
Rhinocyllus conicus 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
Rhinocyllus conicus 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>Oplomus severus</i> PR	<i>Pediobius foveolatus</i> PA
Rhinocyllus conicus 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
Oomyzus incertus PA

Microctonus aethiopoides 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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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: *Microctonus lareynii* WE

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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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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: Darlington

Genus-species: Encarsia lahorensis PA

Microplitis demolitor PA

State: SC

County: Dillon

Genus-species: Encarsia lahorensis PA

State: SC

County: Dorchester

Genus-species: Encarsia lahorensis PA

State: SC

County: Edgefield

Genus-species: Encarsia lahorensis PA

State: SC

County: Fairfield

Genus-species: Encarsia lahorensis PA

State: SC

County: Florence

Genus-species: Encarsia lahorensis PA

State: SC

County: Georgetown

Genus-species: Encarsia lahorensis PA

State: SC

County: Greenville

Genus-species: Bathyplectes anurus PA

State: SC

County: Greenwood

Genus-species: Encarsia lahorensis PA

State: SC

County: Hampton

Genus-species: Encarsia lahorensis PA

State: SC

County: Horry

Genus-species: Encarsia lahorensis PA

State: SC

County: Jasper

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: 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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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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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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State: TN
County: Loudon
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Macon
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Marshall
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Maury
Genus-species: *Bathypsectes anurus* PA

State: TN
County: McMinn
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Montgomery
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Obion
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Overton
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Putnam
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Robertson
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Rutherford
Genus-species: *Bathypsectes anurus* PA

State: TN
County: Smith
Genus-species: *Bathypsectes 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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State: TX
County: Austin
Genus-species: Encarsia lahorensis PA

State: TX
County: Bastrop
Genus-species: Encarsia lahorensis PA

State: TX
County: Bee
Genus-species: Encarsia lahorensis PA

State: TX
County: Bell
Genus-species: Encarsia formosa PA

Encarsia lahorensis PA

State: TX
County: Bexar
Genus-species: Encarsia lahorensis PA

State: TX
County: Bowie
Genus-species: Encarsia lahorensis PA

State: TX
County: Brazoria
Genus-species: Encarsia lahorensis PA

State: TX
County: Brazos
Genus-species: Encarsia lahorensis PA
Onitis alexis OT

Euoniticellus intermedius OT
Onthophagus bonasus OT

State: TX
County: Burleson
Genus-species: Encarsia lahorensis PA
Onthophagus bonasus OT

Onitis alexis OT

State: TX
County: Caldwell
Genus-species: Encarsia lahorensis PA

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

State: TX
County: Cameron
Genus-species: Cotesia flavipes PA

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

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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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

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

Peristenus stygicus PA

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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

Meteorus pulchricornis PA

Compsilura concinnata 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: *Osmia lignaria propinqua* PO

State: VA
County: Norfolk
Genus-species: *Compsilura concinnata* PA

Meteorus pulchricornis PA

State: VA
County: Northumberland
Genus-species: *Pediobius foveolatus* PA

State: VA
County: Orange
Genus-species: *Rhinocyllus conicus* WE

Trichosirocalus horridus WE

State: VA
County: Prince William
Genus-species: *Compsilura concinnata* PA

Meteorus pulchricornis PA

State: VA
County: Richmond
Genus-species: *Pediobius foveolatus* PA

State: VA
County: Rockbridge
Genus-species: *Rhinocyllus conicus* WE

Trichosirocalus horridus WE

State: VA
County: Shenandoah
Genus-species: *Rhinocyllus conicus* WE

Trichosirocalus horridus WE

State: VA
County: Virginia Beach
Genus-species: *Compsilura concinnata* PA

Meteorus pulchricornis PA

State: VA
County: Westmoreland
Genus-species: *Pediobius foveolatus* PA

State: VT
County: Addison
Genus-species: *Rogas lymantriae* PA

State: VT
County: Washington
Genus-species: *Osmia cornifrons* PO

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

State: WA
 County: Adams
 Genus-species: *Aceria chondrillae* WE

State: WA
 County: Asotin
 Genus-species: *Chrysolina quadrigemina* WE

State: WA
 County: Benton
 Genus-species: *Aphelinus asychis* PA
Praon volucre PA
Aphidius uzbekistanicus PA

State: WA
 County: Ferry
 Genus-species: *Calophasia lunula* WE
Chrysolina quadrigemina WE

State: WA
 County: Franklin
 Genus-species: *Aceria chondrillae* WE

State: WA
 County: Garfield
 Genus-species: *Aceria chondrillae* WE
Diadegma laricinellum PA
Chrysolina quadrigemina WE
Urophora quadrifasciata WE

State: WA
 County: Klickitat
 Genus-species: *Calophasia lunula* WE
Chrysolina quadrigemina WE
Propylea quatuordecimpunctata PR
Calvia quatuordecimguttata PR
Oenopia conglobata PR
Urophora quadrifasciata WE

State: WA
 County: Lewis
 Genus-species: *Botanophila seneciella* WE

State: WA
 County: Okanogan
 Genus-species: *Chrysolina quadrigemina* WE
Rhinocyllus conicus WE

State: WA
 County: Pend Oreille
 Genus-species: *Chrysolina quadrigemina* WE

State: WA
 County: San Juan
 Genus-species: *Urophora cardui* WE

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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: *Bathypsectes anurus* PA

State: WI

County: Clark

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Columbia

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Crawford

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Dane

Genus-species: *Bathypsectes anurus* PA

Brachymeria lasus PA

Brachymeria intermedia PA

Lophyropsectus oblongopunctatus PA

State: WI

County: Dodge

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Door

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Dunn

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Florence

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Fond du Lac

Genus-species: *Bathypsectes anurus* PA

State: WI

County: Grant

Genus-species: *Bathypsectes anurus* PA

Lophyropsectus 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

Lophyroplectus 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
Pediobius foveolatus PA

Glyptapanteles flavicoxis PA

State: WV

County: Morgan

Genus-species: *Glyptapanteles flavicoxis* PA

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

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. 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 aleyrodinis 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. 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	Ceratitis 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 SPIRD-L-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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Opus 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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Opus perproximus Silvestri Hymenoptera Braconidae	Trirhithrum coffaeae 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
Opus sp. Hymenoptera Braconidae	Trirhithrum sp. prob. coffaeae 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
Rhynchostreres 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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Rhynchostreres 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 coffeae 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 & Voegelé 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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Zoophthora 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	Plodia interpunctella (Hübner) Indianmeal moth	USA-GA	China (PRC) SPIRL-PVV-82-0009	? GIB
Baculoviridae				
nuclear polyhedrosis virus	Lymantria dispar (Linnaeus) gypsy moth	(Internatl Standard)	USSR FSHCT-WEW-82-0004	?e CULT
Baculoviridae				
	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 Ikebe, K
Suzuki, I

Han, H Y
Lee, J-H

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

6. ARUNLP Universidad Nacional de La Plata CEPAVE-UNLP
Calle 2, Nr 584 La Plata Buenos Aires 1900 Argentina
Liljestrohm, G Rossi, G C
7. ASUQ University of Queensland Department of Entomology
St Lucia Queensland Australia
Adams, G Pyke, B Stone, M
8. AUUG University of Graz Zoological Institute
Graz Austria
Kaiser, H
9. BCIRL Biological Control of Insects Res Lab ARS, USDA
Research Park, P.O. Box A Columbia MO 65205 USA
Puttler, B
10. BCWLE Biological Control of Weeds Lab, Europe ARS, USDA
Via Gastone Monaldi, 34 Rome 00128 Italy
Campobasso, G Clement, S L Cristofaro, M
Dunn, P H Hostettler, N Mimmocchi, T
Pecora, P Rizza, A Spencer, N R
Stazi, M
11. BCWLEGR Biological Control of Weeds Lab, Europe Faculty of Agriculture, University Farm
University of Thessaloniki (ARS, USDA) Thessaloniki Greece
Sobhian, R
12. BCWLSA Biological Control of Weeds Lab, So.Amer ARS, USDA
1559 South Bolivar Hurlingham 1686 Argentina
Briano, J A Cordo, H A Ferrer, M
Ferrer, R
13. BCWRL Biological Control of Weeds Research Lab ARS, USDA
1050 San Pablo Ave Albany CA 94706 USA
Andres, L A Maddox, D M Pemberton, R W
Rosenthal, S S
14. BIIL Beneficial Insect Introduction Lab ARS, USDA
Bldg 417, BARC-East Beltsville MD 20705 USA
Schroder, R F W
15. BIRL Beneficial Insects Research Laboratory ARS, USDA
501 South Chapel Street Newark DE 19713 USA
Schaefer, P W
16. BTINY Boyce Thompson Institute Cornell University
Tower Road Ithaca NY 14853 USA
Roberts, D W

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17. CACRAB	Citrus Research Advisory Board Los Angeles CA USA Hardison, A
18. CAMABC	B.C. Ministry of Agriculture 162 Oriole Road Kamloops BC V2C 4N7 Canada Cranston, R S
19. CAMCPQ	McDonald Campus, McGill University Department of Plant Sciences Ste Anne de Bellevue PQ H9X 1C0 Canada Watson, A K
20. CAUGON	University of Guelph Department of Environmental Biology Guelph ON N1G 2W1 Canada Heraty, J M Laing, J E
21. CDARPS	Canada Dept Agr, Res Progr Services Sect Research Branch, Canada Agriculture Central Experimental Farm Ottawa ON K1A 0C6 Canada Kelleher, J S
22. CDARSK	Canada Dept Agr, Research Station Research Branch, Canada Agriculture Box 440 Regina SK S4P 3A2 Canada Harris, P
23. CDAVBC	Canada Dept Agr, Research Station Research Branch, Agriculture Canada 6660 N W Marine Drive Vancouver BC V6T 1X2 Canada Wilkinson, A T S
24. CFSTNS	Canadian Forestry Service Substation Maritimes Forest Research Centre Box 667 Truro NS B2N 5E5 Canada Marks, D B
25. CHCAAS	Chinese Academy of Agricultural Sciences Biological Control Laboratory 30, Bai Shi Qiao Road, West Suburbs Beijing China (PRC) Bao, J Wu, W Qiu, S Zheng, Y
26. CHGCRI	Guangxi Citrus Res. Inst. Guilin, Guangxi Prov China (PRC) Chen, Y
27. CHHAAS	Hubei Academy of Agricultural Sciences Institute for Plant Protection Wuhan Hubei China (PRC) Peng, Z
28. CHSCAC	South China Agricultural College Plant Protection Department Guangzhou China (PRC) Chen, S

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SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

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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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 Friedman, R Hérard, F Perkins, B D	Chen, K H Gruber, F Hoyer, H Rey, E	Coutinot, D Hedlund, R C Mercadier, G Wajda, T
54. EPLINRA	European Parasite Laboratory Cooperator c/o Inst Natl de Recherche Agronomique Sta Rech de Lutte Biologique, La Minière 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	Voegelé, J		
57. FRINRAG	Inst Natl de la Recherche Agronomique Station de Rech de Lutte Biologique La Minière 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 Murai, K T	Funasaki, G Y	Heu, R A
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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64. IPL	Insect Pathology Laboratory ARS, USDA Bldg 011A, BARC-WEST Beltsville MD 20705 USA Clark, T B
65. IPRU	Insect Pathology Research Unit (& ARSEF) ARS, USDA c/o Boyce Thompson Inst, Cornell Univ Ithaca NY 14853 USA Humber, R A Soper, R S
66. ISTAU	Tel Aviv University Department of Zoology Ramat-Aviv, 69 978 Tel Aviv Israel Gerling, D
67. ISVCIPP	Volcani Center, Inst of Plant Protection Department of Entomology P.O. Box 6 Bet Dagan 50-200 Israel Blumberg, D
68. IT	Italy Zanin, G
69. ITUSPA	Universita degli Studi di Palermo Istituto di Entomologia Agraria Palermo (Sicily) Italy Ragusa, S
70. JAAAES	Aomori Apple Experiment Station Entomology Section Kuroishi City Aomori 036-03 Japan Sekita, N
71. JACESS	Citrus Experiment Station 2712 Komagoe Shimizu Shizuoka Pref Japan Furuhashi, K
72. JAIPSS	Ibaraki Prefectural Sericulture Station Wakenuka Sekimoto, Sekijo-cho Ibaraki Prefecture Makabe 308-01 Japan Sakayori, K
73. JAKU	Kyushu University Division of Insect Natural Enemies Institute of Biological Control Fukuoka 812, Kyushu Japan Arakawa, R Murakami, Y
74. JMAAES	Miyazaki Agricultural Experiment Station Miyazaki Kyushu Japan Sakanoshita
75. JANFTES	Nagano Fruit Tree Experiment Station 492, Ogawara, Susaka, 382 Nagano, Honshu Japan Kitamura, T

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76. JANIAS	National Institute of Agricultural Sciences Division 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 Agrícolas 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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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. SFPFPRIP	Plant Protection Research Institute Department of Agriculture & Fisheries Agr Bldgs, Beatrix St, Private Bag X134 Pretoria South Africa Hamburg, H V	
101. SFPFPRIS	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 Smith, J W Williams, D W	Cocke, W M Stansly, P A Krauter, P C Steck, G J
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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PART A - Overseas Facilities and Explorers Involved, with Addresses

112. THKU	Kasetsart University P.O. Box 9-52 Bangkok 10900 Thailand Napompeth, B	
113. TU	Turkey Ercis, A	
114. UAR	University of Arkansas Department of Entomology Fayetteville AR 72701 USA Yearian, W C	
115. UARP	University of Arkansas Department of Plant Pathology Fayetteville AR 72701 USA TeBeest, D O	
116. UCB	University of California, Berkeley Division of Biological Control Department of Entomology Albany CA 94706 USA Brown, M Kennett, C E	Caltagirone, L E Tassan, R L Dahlsten, D L Vandenberg, N J
117. UCD	University of California, Davis Department of Entomology Davis CA 95616 USA Ehler, L E	Endicott, P C
118. UCR	University of California, Riverside Division of Biological Control Department of Entomology Riverside CA 92521 USA Badii, M Gordh, G Moraes, G J Unruh, T R	DeBach, P Legner, E F Oatman, E R Gonzalez, D McMurtry, J A Rose, M J
119. UFFL	University of Florida Agricultural Research & Education Center 3205 SW College Ave Fort Lauderdale FL 33314 USA Balciunas, J K	Minno, M C Reinert, J A
120. UFG	University of Florida Department of Entomology & Nematology Gainesville FL 32611 USA Castner, J L	Habeck, D H Sailer, R I
121. UFH	University of Florida Tropical Agr Research & Education Center 18905 SW 280 Street Homestead FL 33031 USA Baranowski, R M	Waddill, V H
122. UHI	University of Hawaii Department of Entomology Honolulu HI 96822 USA Beardsley, J W	

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PART A - Overseas Facilities and Explorers Involved, with Addresses

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
		Krueger, A H				Maddox, D M
		Pemberton, R W				Johnson, G R
						Mayfield, A
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
		Fuester, R W				Hendrickson, R M
		Swan, K S				Taylor, P B
						Ertle, L R
						Schaefer, P W
						Tropp, J M
14	BPBM	Bernice P Bishop Museum	Honolulu	HI	USA	
		Goff, M L				

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15	BPCRU	Biological Pest Control Research Unit	Gainesville	FL	USA	
		Buckingham, G R				
16	CABCSP	Biological Control Services Program	Sacramento	CA	USA	
		Rezark, L G			Casanave, K A	Joley, D B
		Villegas, B				
17	CAUGON	University of Guelph	Guelph	ON	N1G 2W1	Canada
		Heraty, J M				
18	CDABRI	Biosystematics Research Institute	Ottawa	ON	K1A 0C6	Canada
		Yoshimoto, C M				
19	CDAOON	Ottawa Research Sta, Canada Agriculture	Ottawa	ON	K1A 0C6	Canada
		Loan, C C				
20	CEJFL	U.S. Army Corps of Engineers District	Jacksonville	FL	USA	
		Dupes, J M				
21	CEVMS	U.S. Army Corps of Engineers	Vicksburg	MS	USA	
		Cofrancesco, A F				
22	CFSSSMON	Canadian Forestry Service	Sault Ste. Marie	ON	P6A 5M7	Canada
		Lyons, L A				
23	CIBCIS	Commonwealth Inst of Biological Control	Bangalore	560 024	India	
		Ramaseshiah, G				
24	CIBCPS	Commonwealth Inst of Biological Control	Rawalpindi	Pakistan		
		Siddiqui, R K				
25	CIE	Commonwealth Institute of Entomology	London	SW7 5JR	UK	
		Subba Rao, B R				
26	CIRLTX	Cotton Insects Research Laboratory	College Station	TX	USA	
		Morrison, R K				
27	CODA	Colorado Department of Agriculture	Palisade	CO	USA	
		Mowrer, K E			Nees, D M	Stahl, F J
28	COLL	X ? MT	USA			
		X, X				
29	COMJJHNE	J J Holmes	Arcadia	NE	USA	
		Holmes, J J				

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30	CSIROC	Commonwealth Sci & Indus Res Org	Canberra City	A C T	Australia	
		McInnes, R S				
31	CTAES	Connecticut Agr. Expt. Station	New Haven	CT	USA	
		Weseloh, R M				
32	EPL	European Parasite Laboratory, ARS, USDA	Sevres 92310		France	
		Gruber, F				
33	FBCL	Florida Biological Control Laboratory	Gainesville	FL	USA	
		Bennett, C A				
34	FNCL	Florist & Nursery Crops Laboratory	Beltsville	MD	USA	
		Rivnay, T				
35	FSCOR	Forestry Sciences Laboratory	Corvallis	OR	USA	
		Ryan, R B				
36	FSHCT	Forest Insect and Disease Laboratory	Hamden	CT	USA	
		Wallner, W E				
37	FSPOR	Forest Pest Management, Pacific NW Reg.	Portland	OR	USA	
		Pettinger, L F				
38	FSRTPNC	Forestry Sciences Laboratory	Research Triangle Pk	NC	USA	
		Drooz, A T				
39	GUUG	University of Guam Mangilao	GU		Guam-USA	
		Nechols, J R				
40	HDA	Hawaii Department of Agriculture	Honolulu, Oahu	HI	USA	
		Conant, P			Funasaki, G Y	Kumashiro, B R
		Lai, P Y			Murai, K T	Otsuka, C K
		Teramoto, K K				
41	HDAH	Hawaii Department of Agriculture	Hilo, Hawaii	HI	USA	
		Yoshioka, E R				
42	HDAK	Hawaii Department of Agriculture	Lihue, Kauai	HI	USA	
		Sugawa, D T				
43	HDAM	Hawaii Department of Agriculture	Kahului, Maui	HI	USA	
		Miyahira, N				
44	HNHM	Hungarian Natural History Museum	Budapest		Hungary	
		Endrody, S				

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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	Beltsville MD USA	
		Smith, H T		
61	PPQMTX	National Biological Control Center	Mission TX USA	
		Wendel, L E		
62	PPQNMI	Biological Control Satellite Facility	Niles MI USA	
		Burger, T L	Montgomery, V E	
63	PPQOMA	Otis Methods Development Center	Otis ANGB MA USA	
		Forrester, O T		
64	RIL	Rangeland Insect Laboratory, ARS, USDA	Bozeman MT USA	
		Rees, N E		
65	SCCUE	Clemson University Blackville SC USA		
		McCutcheon, G S	Turnipseed, S G	
66	SEL	Systematic Entomology Laboratory	Beltsville MD USA	
		Burks, B D	Carlson, R W	Gagné, R J
		Gordon, R D	Grissell, E E	Henry, T J
		Marsh, P M	Menke, A S	Sabrosky, C W
		Schauff, M E	Shaw, S R	Smiley, R L
		White, R E	Wirth, W W	
67	SFCIML	Southern Field Crop Insect Managemnt Lab	Stoneville MS USA	
		Jones, W A		
68	SRQF	Stoneville Research Quarantine Facility	Stoneville MS USA	
		Powell, J E		
69	TAMU	Texas A&M University College Station TX USA		
		Cate, J R	Smith, J W	Wharton, R A
70	TFVRL	Tropical Fruit & Vegetable Res Lab	Honolulu HI USA	
		Wong, T T Y		
71	THKU	Kasetsart University Bangkok 10900	Thailand	
		Napompeth, B		
72	UCB	University of California, Berkeley	Albany CA USA	
		Caltagirone, L E	Dahlsten, D L	Hagen, K S
		Riedl, H		
73	UCBB	University of California, Berkeley	Berkeley CA USA	
		Hoy, M A		

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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				Goeden, R D
		Gordh, G				Luck, R F
		McMurtry, J A				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				Hayes, B A
						Good, T M
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	Phoenix	AZ	USA
		Butler, G D			
90	WIDNR	Wisconsin Dept of Natural Resources	Fitchburg	WI	USA
		Hall, D J			
91	WVDA	West Virginia Department of Agriculture	Inwood	WV	USA
		Mason, T L			
92	YARL	Yakima Agricultural Research Laboratory	Yakima	WA	USA
		Fye, R E			

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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, K Han, H Y
Ikebe, K
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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25. BIAFWWY	Bureau of Indian Affairs, USDI Indian River Indian Reservatio
Fort Washakie WY 82514 USA
Beneder, L	
26. BIIL	Beneficial Insect Introduction Lab ARS, USDA
Bldg 417, BARC-East Beltsville MD 20705 USA
Athanas, M M
Hung, A C F
Sidor, A M
Vincent, D L | Batra, S W T
Norden, B M
Strachan, J L

Hight, S D
Schroder, R F W
Thorpe, K W |
| 27. BIRL | Beneficial Insects Research Laboratory ARS, USDA
501 South Chapel Street Newark DE 19713 USA
Barth, S E
Cox, L R
Ertle, L R
Hendrickson, R M
Short, J A
Tropp, J M | Bingham, R G
Day, W H
Fuester, R W
Morrone, V L
Swan, K S

Carr, M Y
Dysart, R J
Groce, J C
Schaefer, P W
Taylor, P B |
| 28. BLCIMCA | Ctro de Inv y Mejor de la Cana de Azucar (CIMCA)
Casilla 2731 Santa Cruz de/Sierra Bolivia
Pruett, C J H | |
| 29. BLMBID | Bureau of Land Management, USDI Federal Bldg
Boise ID 83724 USA
Madenford, G | |
| 30. BLMDMT | Bureau of Land Management, USDI Dillon Resource Area
Dillon MT 59725 USA
Cosgriffe, H R | |
| 31. BLMHUT | Bureau of Land Management, USDI Box 99
Hanksville UT 84734 USA
Sip, L | |
| 32. BLMSLCUT | Bureau of Land Management, USDI 136 East South Temple
University Club Bldg Salt Lake City UT 84111 USA
Page, R | |
| 33. BMNH | British Museum (Natural History) Cromwell Road
London SW7 5B1 UK
Noyes, J S | |
| 34. BPBM | Bernice P Bishop Museum 1525 Bernice Street
Honolulu HI 96818 USA
Goff, M L | |

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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	Escuela 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 Foor & 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. CEPSPD	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 Zhu, J Zheng, Y	
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 Pakistan Station (PARC-CIBC) Murree Road, P. O. Box 8 Rawalpindi Pakistan Ahmad, B Khan, A G Qazi, A S	Cheema, M A Mohyuddin, A I Shah, S	Hanif, M Munawar, M S Siddiqui, R K
83. CIBCUK	Commonwealth Inst of Biological Control Imperial College, Silwood Park Ascot, Berks SL5-7PY United Kingdom O'Donnell, J D		
84. CIBCWiS	Commonwealth Inst of Biological Control West Indian Station Gordon Street Curepe, Trinidad Trinidad & Tobago Bennett, F D	Cock, M J W	
85. CIE	Commonwealth Institute of Entomology Commonwealth Agricultural Bureaux (CAB) 56, Queen's Gate London SW7 5JR UK Subba Rao, B R		
86. CIRLTX	Cotton Insects Research Laboratory ARS, USDA P O Drawer DG College Station TX 77840 USA Lopez, J D	Morrison, R K	
87. CODA	Colorado Department of Agriculture Div Plant Industry, Biol Control Sect P O Box 400 Palisade CO 81526 USA Marko, L Nees, D M	Merlino, A J Stahl, F J	Mowrer, K E
88. COICA	Instituto Colombiano Agropecuario Tibaitata Apartado Aereo 151123, Eldorado Bogota Colombia Lopez, A	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 P O Box 3266 Durango CO 81301 USA Evans, J S		

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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
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. ECGU	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
Pereira Rios, G
Tanaka, Y	Ferreira, E
Pratagil, J
Yokoyama, M	Martins/Santos, S
Saraiva Teixeira, L
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
Friedman, R
Hérard, F
Perkins, B D	Chen, K H
Gruber, F
Hoyer, H	Coutinot, D
Hedlund, R C
Mercadier, G
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 Heu, R A Murai, K T Teramoto, K K	Conant, P Kumashiro, B R Nagamine, W T Funasaki, G Y Lai, P Y Otsuka, C 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 Eiiwa 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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151. IDBLCC	B & L Land and Cattle Co Route 1, Box 212 Cambridge ID 83610 USA Munser, J	
152. IDDF	D Fritz Box 1122 North Fork ID 83466 USA Fritz, D	
153. IDKH	K Howard Bruneau ID 83604 USA Howard, K	
154. ILDA	Illinois Department of Agriculture Emerson Building Illinois State Fairgrounds Springfield IL 62706 USA Hogancamp, J C	
155. INHS	Illinois Natural History Survey Division 607 East Peabody Drive Champaign IL 61820 USA Kogan, M	
156. INIHR	Indian Inst of Horticultural Research 255 Upper Palace Orchards Hessaraghatti Bangalore 560089 India Jayanth, K P	
157. INPU	Purdue University Department of Entomology West Lafayette IN 47907 USA Flanders, R V	
158. INTW	T Woriud Box 351 Sullivan IN 47882 USA Woriud, T	
159. IPHL	Insect Physiology Laboratory ARS, USDA Bldg 467, BARC-East Beltsville MD 20705 USA Aldrich, J R	
160. IPL	Insect Pathology Laboratory ARS, USDA Bldg 011A, BARC-WEST Beltsville MD 20705 USA Clark, T B	Dougherty, E M Vaughn, J L
161. IPRU	Insect Pathology Research Unit (& ARSEF) ARS, USDA c/o Boyce Thompson Inst, Cornell Univ Ithaca NY 14853 USA Humber, R A	Soper, R S
162. ISHUJ	The Hebrew University of Jerusalem Faculty of Agriculture P O Box 12 Rehovot 76-100 Israel Kenneth, R G	Uziel, A

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163. ISTAU	Tel Aviv University Department of Zoology Ramat-Aviv, 69 978 Tel Aviv Israel Gerling, D	
164. ISUH	University of Haifa Education of the Kibbutz Movement Oranium, Tivan Haifa Israel Broza, M	
165. ISVCIPP	Volcani Center, Inst of Plant Protection Department of Entomology P.O. Box 6 Bet Dagan 50-200 Israel Blumberg, D	
166. ITUSPA	Universita degli Studi di Palermo Istituto di Entomologia Agraria Palermo (Sicily) Italy Ragusa, S	
167. JAAAES	Aomori Apple Experiment Station Entomology Section Kuroishi City Aomori 036-03 Japan Sekita, N	
168. JACCESS	Citrus Experiment Station 2712 Komagoe Shimizu Shizuoka Pref Japan Furuhashi, K	
169. JAFFPRI	Forestry & Forest Products Res Inst Tsukuba Japan Shimazu, M	
170. JAKUK	Kagoshima University Kagoshima Kyushu Japan Yukawa, J	
171. JAMAES	Miyazaki Agricultural Experiment Station Miyazaki Kyushu Japan Nagai, K	Sakanoshita
172. JANIAS	National Inst of Agricultural Sciences Divison of Entomology Kannondai 3-1-1, Yatabe Tsukuba Ibaraki 305 Japan Kiritani, K	
173. JASU	Shimane University Laboratory of Insect Management-Agric Matsue Japan Maeta, Y	
174. JATUAT	Tokyo Univ Agriculture & Technology Saiwaicho 3-5-8, Fuchu City Tokyo Japan Aoki, J	

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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	Grahlem, G McManus, G
195. MO-1	COMJJHNE Business Customer #4 Gallatin MO 64640 USA Bus.Customer, JJH	
196. MO-2	COMJJHNE Business Customer #37 Bowling Green MO 63334 USA Bus.Customer, JJH	
197. MO-3	COMJJHNE Business Customer #38 New London MO 63459 USA Bus.Customer, JJH	
198. MO-4	COMJJHNE Business Customer #39 Center MO 63436 USA Bus.Customer, JJH	

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199. MO-5	COMJJHNE Business Customer #40 Saverton MO 63467 USA Bus.Customer, JJH		
200. MO-6	COMJJHNE 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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211. MTSUEXT	Montana State University-Extension Cooperative Extension Service Bozeman MT 59717 USA Cole, J		
212. MTSUM	Montana State University Central Agricultural Research Center P.O. Mocassin MT 59462 USA Rardon, P L		
213. MTTs	T Sullivan Box 652 Garrison MT 59731 USA Sullivan, T		
214. MXINIA	Instituto Nacional de Investig Agricolas Apartados 6-882 y 6-883 Mexico City 6 Distr Federal Mexico Carrillo, J L		
215. MYRRC	Rice Research Center, MARDI Kepala Batas, Pulau Pinang Bumbong Lima Pinang Malaysia Chang, P-M		
216. NCCPL	Carolina Power and Light Energy and Environmental Center Shearon Terrace, Rt 1, Box 327 New Hill NC 27562 USA Schiller, D H		
217. NCDA	North Carolina Department of Agriculture Plant Industry Div., Plant Protect. Sec. P.O. Box 27647 Raleigh NC 27611 USA ?, ? Galloway, R H Miller, A Parker, B	Batten, C Gregory, R Murray, J Smith, T	Ford, R Isenhour, J Nalepa, C A Stillwell, K
218. NCSU	North Carolina State University Department of Entomology Raleigh NC 27650 USA Brooks, W M	Rabb, R L	
219. NCSUEXT	NC State University, Extension Raleigh NC 27650 USA Langeland, K A		
220. NDDA	North Dakota Department of Agriculture Entomology State Capitol, 600 E Boulevard Bismarck ND 58505 USA Brandvik, W J		
221. NE-10	COMJJHNE Business Customer #13 St Libory NE 68872 USA Bus.Customer, JJH		

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222. NE-11	COMJJHNE Business Customer #14 Palmer NE 68864 USA Bus.Customer, JJH
223. NE-17	COMJJHNE Business Customer #20 Niobrara NE 68760 USA Bus.Customer, JJH
224. NE-19	COMJJHNE Business Customer #22 Spalding NE 68665 USA Bus.Customer, JJH
225. NE-20	COMJJHNE Business Customer #20 Ericson NE 68637 USA Bus.Customer, JJH
226. NE-21	COMJJHNE Business Customer #24 Silver Creek NE 68663 USA Bus.Customer, JJH
227. NE-22	COMJJHNE Business Customer #25 St Paul NE 68873 USA Bus.Customer, JJH
228. NE-23	COMJJHNE Business Customer #26 Wolbach NE 68882 USA Bus.Customer, JJH
229. NE-24	COMJJHNE Business Customer #27 Ashton NE 68817 USA Bus.Customer, JJH
230. NE-25	COMJJHNE Business Customer #28 Cedar Rapids NE 68627 USA Bus.Customer, JJH
231. NE-26	COMJJHNE Business Customer #29 Tilden NE 68781 USA Bus.Customer, JJH
232. NE-27	COMJJHNE Business Customer #30 Edgar NE 68935 USA Bus.Customer, JJH
233. NE-28	COMJJHNE Business Customer #31 Cotesfield NE 68829 USA Bus.Customer, JJH

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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 Dorsey, T W Huffman, R Mina, P J Robbins, G	Bullock, R H Garrison, G W Mackenthun, D Palmer, D J Schlaufman, C	Chianese, R J Garrison, H Metterhouse, W W Perini, J
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,VakgroepEntomologie) 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 Grantham, A A Michael, O	Fleer, G C Kingsbery, W Molnar, D
		Fuller, M Metz, R E 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 Penrose, R L	Hawkes, R B West, M	Kimberling, D
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 Simons, E E	Laudermilch, G	Quimby, J W
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 Politis, D J	Emge, R G Rossi, A E	Latterell, F M 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 Buchanan, K J Cummings, L	Bedford, J Cleary, E Earl, T R	Bradley, R Cleary, E A 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. PPQNMII	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 ?, ? Bevill, J Loftin, R Pierce, K R Prentice, F 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 Porterfield, L D Sandine, M Stuefer-Powell, C L Widdicombe, K	Niemeyer, S Rabe, G G Schade, J M Wallerich, G E	O'Dea, D Ross, G R Shuman, M L Wallerich, J L
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 Smith, W	Milam, R G Stafford, B G
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 Johnson, R Lowry, A R Roberts, L Wescott, B	Goolsby, B F King, J L Mikell, J Roggenstein, E Wilson, D
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 981 H Street Crescent City CA 95531 USA Westing, R S		
297. SARL	Subtropical Agricultural Research Lab ARS, USDA 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. SFPRIIP	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 Cuda, J P Johnson, S Smith, J W Wharton, R A	Cate, J R Gilstrap, F E Knutson, A Stansly, P A Williams, D W Cronholm, G B Harris, M K Krauter, P C Steck, G J
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. TSVRL	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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330. UCB	University of California, Berkeley Division of Biological Control Department of Entomology Albany CA 94706 USA	Andrews, J Dahlsten, D L Hamai, J Vandenberg, N J	Brown, M Etzel, L K Kennett, C E	Caltagirone, L E Hagen, K S Quezada, J
331. UCBB	University of California, Berkeley Department of Entomology Berkeley CA 94720 USA	Hoy, M A		
332. UCBE	University of California, Berkeley Environmental Health and Safety Berkeley CA 94720 USA	Slater, A		
333. UCD	University of California, Davis Department of Entomology Davis CA 95616 USA	Ehler, L E	Endicott, P C	Hertlein, M B
334. UCDND	University of California Nematology Division Davis CA 95616 USA	Kaya, H K		
335. UCEXTMC	Agricultural Extension - Monterey County University of California 118 Wilgart Way Salinas CA 93901 USA	Agamalian, H		
336. UCR	University of California, Riverside Division of Biological Control Department of Entomology Riverside CA 92521 USA	Badgley, M E Fisher, T W Guzo, D Johnson, H G McMurtry, J A Orth, R E Stern, V M	DeBach, P Gonzalez, D Hall, I M Legner, E F Moraes, G J Pinto, J D White, W	Federici, B A Gordh, G Hall, J C Luck, R F Oatman, E R Rose, M J
337. UDE	University of Delaware Department of Entomology Newark DE 19713 USA	Burbutis, P P		
338. UFB	University of Florida Gulf Coast Research & Education Center 5007 60th Street, East Bradenton FL 34203 USA	Schuster, D J		
339. UFFL	University of Florida Agricultural Research & Education Center 3205 SW College Ave Fort Lauderdale FL 33314 USA	Balciunas, J K Thompson, C R	Minno, M C	Reinert, J A

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340. UFG	University of Florida Department of Entomology & Nematology Gainesville FL 32611 USA Castner, J L Hudson, W G Sailer, R I	Gillmore, J L Munir, B	Habeck, D H Nong, L
341. UFGPPD	Plant Pathology Department University of Florida Gainesville FL 32611 USA Charudattan, R		
342. UFH	University of Florida Tropical Agr Research & Education Center 18905 SW 280 Street Homestead FL 33031 USA Glenn, H B	Waddill, V H	
343. UFLA	University of Florida Agricultural Research & Education Center 700 Experiment Station Road Lake Alfred FL 33850 USA McCoy, C W		
344. UGA	University of Georgia Department of Entomology Athens GA 30602 USA Berisford, C W		
345. UHI	University of Hawaii Department of Entomology Honolulu HI 96822 USA Haramoto, F H		
346. UHIEXT	University of Hawaii, College of Tropical Agriculture, Extension Honolulu HI 96822 USA Arakaki, A		
347. UID	University of Idaho Plant, Soil & Entomological Sciences Moscow ID 83843 USA Bishop, G W Schotzko, D J	McCaffrey, J P Wheeler, G S	O'Keefe, L E
348. UIDA	University of Idaho Agr Res & Ext Ctr P O Box AA Aberdeen ID 83210 USA Sandvol, L E		
349. UKB	10 Eastern Road Birmingham B29 7JP England United Kingdom Klemperer, H E		
350. UKGCRI	Glasshouse Crops Research Institute Worthing Road Rustington Littlehampton W Sussex BN16 3PU United Kingdom Hall, R A		

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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 Lindell, D L	Hexem, R O Rycyk, F	Hummel, C Zielinski, M
362. UNE	University of Nebraska Department of Entomology Lincoln NE 68583 USA Rethwisch, M		

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363. UNEEXT	University of Nebraska Cooperative Extension Service Lincoln NE 68583 USA	Anderson, T Germer, L Mues, N Roeber, R Stokely, H	Cranfill, J C Hawley, C O'Brien, D Sall, R Voboril, R M	Danielson, S Klahr, M Peterson, L A Schneider, L
364. UPA	University of Pennsylvania Morris Arboretum 9414 Meadowbrook Avenue Philadelphia PA 19118 USA Schaub, B			
365. URAIPQ	All-Union Institute for Plant Quarantine Ministry of Agriculture Orlikov per. 1/11 Moscow 107139 USSR	Izhevsky, S S Kusnetsov, V N	Jershova, N I	Kravchenko, M A
366. URUFRI	Ukrainian Forestry Research Institute Ministry of Forestry, Ukrainian SSR Khar'kov Ukrainian SSR USSR Timchenko, G			
367. USHRL	U.S. Horticultural Research Laboratory ARS, USDA 2120 Camden Road Orlando FL 32803 USA Schroeder, W J		Sutton, R A	
368. USVL	U S Vegetable Laboratory ARS, USDA 2875 Savannah Highway Charleston SC 29407 USA Creighton, C S			
369. UTNEXT	University of Tennessee Cooperative Extension Service Knoxville TN 37901 USA	Ayers, C L Brewer, L R Garrison, H B Jackson, W R Knight, F E Morton, J Shepard, M O Taylor, J L	Beaty, J C Carr, P Gordon, D H Jernigan, B H Luna, R M Shelby, T O Smith, R D Thackston, R	Breeding, D Cole, J D Grooms, C Keeton, B B Matthews, J T Shepard, J B Taylor, J D Winsett, J
370. UTSU	Utah State University Dept. of Biology Logan UT 84322 USA Davis, D W			
371. UTSUEXT	Utah State University-Extension Cooperative Extension Service Utah State University, UMC 49 Logan UT 84322 USA Roberts, R S			

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372. UWI	University of Wisconsin Department of Entomology Madison WI 53706 USA Coppel, H C	Mohamed, M	
373. UWEXT	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 Earlsville 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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382. VAWBS	W B Sheldon Star Route A, Box 26 Hightown VA 24444 USA Sheldon, W B	
383. VPI	Virginia Polytechnic Inst & State Univ Department of Entomology Blacksburg VA 24061 USA Kok, L T McAvoy, T J	Kosztarab, M Mays, W T
384. VTDA	Vermont Department of Agriculture Plant Industry, Apiculture Division 116 State Street Montpelier VT 05602 USA Drutschas, R A	
385. VTERL	Veterinary Toxicology & Entomol Res Lab ARS, USDA P. O. Drawer GE College Station TX 77841 USA Blume, R R	Fincher, G T Hunter, J S
386. WAFCNWCB	Ferry Co Noxious Weed Control Board P.O. Box 372 Republic WA 99166 USA Bradburn, S	
387. WAKNWCB	Klickitat County Noxious Weed Control Bd 228 W Main Goldendale WA 98620 USA Gorman, B	
388. WAKWD1	Wright, T	
389. WAONWCB	Okanogan County Noxious Weed Control Bd Okanogan WA 98840 USA Stiverson, J	
390. WASU	Washington State University Department of Entomology Pullman WA 99164 USA Piper, G L	
391. WASUEXTL	Lewis County Extension Office Lewis County Court House 345 West Main Street Chehalis WA 98532 USA Brosnahan, J J	McPhail, M
392. WASUEXTP	Washington State University Cooperative Extension Service Pomeroy WA 99347 USA Bragg, D	
393. WASUEXTW	Washington State University Cooperative Extension Service Walla Walla WA 99362 USA Gary, 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	Centrol 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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