

RETURN TO ID LAB

INSECT IDENTIFICATION LABORATORY

ANNUAL REPORT 1983

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INTRODUCTION

This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 1983. The laboratory is located in 312 Price Hall. It is managed by Daniel J. Hilburn, Lab Specialist, Department of Entomology. This year, Kassi Jean, a USAID sponsored intern from the Cameroon Republic, provided assistance during part of the year.

Specimens are identified and recorded in the lab, then sent to Extension Entomologists who handle particular commodity groups for control recommendations and additional comments. This year, for the first time, specimen data was entered in the Virginia Tech mainframe computer. This greatly facilitated sorting and storage of the information. Sue Rutherford deserves the credit for writing the programs which made it possible. This report was generated by a program she wrote. Some of the records were sent via the computer to the Cooperative National Plant Pest Survey and Detection Program.

Local offices of the Cooperative Extension Service in counties and municipalities are provided with Insect Identification and Diagnosis Request forms (form 444-113), alcohol vials, and mailing tubes for sending insects and insect damaged specimens to the lab. Specimens may be brought directly to the lab or mailed to:

Insect Identification Laboratory
Extension Entomology
312 Price Hall
VPI&SU
Blacksburg, VA 24061-5796

In many cases, no effort is made to identify insects beyond the family level, and common names are used where possible because of their wide recognition.

A total of 1,815 requests were received in 1983. Eighty-three percent were forwarded by Extension Agents, the rest were brought in or sent in directly by members of the general public. Identification requests for homeowners accounted for 90% of the total, 7% were for commercial growers, and 3% were for urban pest control operators, medical doctors, and others. Control recommendations were requested in 71% of the cases, 15% requested identification only, and 14% did not specify one or the other.

Persons providing identifications and/or control recommendations:

Mr. Daniel J. Hilburn.	General Laboratory Specialist
Dr. John A. Weidhaas, Jr.	Ornamentals Extension Entomologist
Dr. William H. Robinson.	Household and Structural Wood, Fruits and Nuts, Lawn and Turf, Human
Dr. James E. Roberts, Sr.	Vegetables, Field Crops, and Animal Extension Entomologist
Dr. Boris C. Kondratieff	General Research Associate
Dr. Michael Kosztarab.	Scale Insects Professor of Entomology
Dr. William A. Allen	General Extension Entomologist
Dr. Richard D. Fell	Apiculture and Stinging Insects Assistant Professor of Entomology
Mr. John M. Luna.	Alfalfa Extension Entomologist
Dr. Sidney L. Poe.	Mites Head, Department of Entomology

The following table lists the growth of activities and services provided by the Insect Identification Laboratory (IIL) and the faculty and staff associated with it since 1967.

Number of Specimens Identified			
Year	Identifications for Extension Agents and the Public	Identifications from Black Light Traps at Ports of Entry	Identified by U.S. National Museum through The IIL
1967	318	a	a
1968	984	130	a
1969	1104	140	a
1970	1245	490	a
1971	1276	1120	100 ^b
1972	970	557	516
1973	1124	683	184
1974	1264	742	316
1975	1430	781	160
1976	1437	457	223
1977	1365	500 ^b	282
1978	1351	550 ^b	89
1979	1770	0	120
1980	1527	0	23
1981	2028	0	89
1982	2004	0	100
1983	1815	0	36
TOTAL	23012	6150	2238

^aService not previously provided.

^bEstimated figure.

SPECIMENS RECEIVED BY THE INSECT IDENTIFICATION LABORATORY IN 1983

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	% OF TOTAL
Ornamentals, Shade trees	22	9	26	54	74	131	130	95	63	51	20	9	684	37.7%
Household, Structural Wood	36	34	37	67	81	95	85	51	61	41	42	27	657	36.2%
Fruits and nuts	4	6	8	6	13	23	20	18	14	13	7	4	136	7.5%
Veg. Field crops	1	2	2	0	14	31	30	24	17	6	2	2	131	7.2%
General	6	6	4	9	24	21	18	17	15	5	1	0	126	6.9%
Lawns and turf	0	0	0	2	8	7	7	7	9	5	1	1	47	2.5%
Animal	2	0	1	0	2	1	2	3	2	0	1	1	15	0.8%
Human	0	1	0	1	3	4	0	1	0	0	0	0	10	0.5%
Stored products	0	0	0	0	0	2	0	1	3	0	0	1	7	0.4%
Apicultural	0	0	0	0	1	0	0	0	0	0	0	0	1	0%
	---	---	---	---	---	---	---	---	---	---	---	---	---	
TOTAL	71	58	78	139	220	315	292	217	184	121	74	45	1815	
% OF TOTAL	3.9%	3.2%	4.3%	7.6%	12.1%	17.4%	16.1%	11.9%	10.1%	6.7%	4.1%	2.5%		

MOST FREQUENTLY RECEIVED ARTHROPODS
ORNAMENTAL PLANTS AND SHADE TREES

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Not An Insect	1	1	2	4	6	13	6	1	2	2	2	0	40
No Insects Found	2	0	3	5	3	6	5	6	4	3	0	0	37
Spruce Mite	0	0	1	3	4	5	5	0	1	2	1	1	23
Could Not Diagnose	0	1	0	2	1	3	3	6	2	1	0	0	19
Psocids	0	0	0	0	1	3	7	6	0	0	0	0	17
Boxwood Mite	0	1	2	3	3	1	0	2	0	1	0	2	15
Bark Beetles	0	1	0	1	3	1	2	2	1	2	1	0	14
Greenstriped Mapleworm	0	0	0	0	0	4	5	2	1	0	0	0	12
Pine Bark Adelgid	0	0	3	3	2	3	1	0	0	0	0	0	12
Hemlock Woolly Adelgid	0	0	0	2	3	2	1	1	1	1	0	0	11
Lace Bugs	0	1	1	0	0	2	5	2	0	0	0	0	11
Walnut Caterpillar	0	0	1	0	1	0	5	3	1	0	0	0	11
Aphids	2	0	0	0	1	6	1	0	0	0	0	0	10
Maple Bladdergall	0	0	0	0	2	4	3	0	0	1	0	0	10
Sooty Mold	6	0	0	1	2	1	0	0	0	0	0	0	10
Spider Mites	0	0	0	0	1	2	0	4	1	2	0	0	10
Twospotted Spider Mite	1	0	0	0	0	3	2	1	1	0	0	0	8
Boxwood Leafminer	0	0	2	1	0	0	0	1	0	1	0	2	7
Oystershell Scale	1	0	0	1	1	1	0	1	0	1	1	0	7
Pine Tip Moths	0	0	0	0	0	2	2	2	0	0	1	0	7
White Pine Aphid	0	0	0	2	1	3	0	1	0	0	0	0	7
Armored Scales	1	0	0	1	0	1	0	0	1	2	0	0	6
Azalea Lace Bug	0	0	1	1	0	0	0	2	2	0	0	0	6
Buck Moth Caterpillar	0	0	0	0	1	3	2	0	0	0	0	0	6
Obscure Scale	0	0	0	1	2	1	1	1	0	0	0	0	6
Soldier Beetles	0	0	0	0	1	4	1	0	0	0	0	0	6

MOST FREQUENTLY RECEIVED ARTHROPODS
ORNAMENTAL PLANTS AND SHADE TREES

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
White Pine Weevil	0	0	0	0	1	2	2	1	0	0	0	0	6
Boxwood Psyllid	0	0	1	0	0	0	0	1	0	1	0	2	5
Catalpa Sphinx	0	0	0	0	0	0	3	2	0	0	0	0	5
Hemispherical Scale	1	0	0	2	0	0	0	1	0	0	1	0	5
Lady Beetles	0	0	0	1	0	4	0	0	0	0	0	0	5
Leaf Beetles	0	0	0	1	0	0	2	1	1	0	0	0	5
Noctuid Moths	0	0	1	1	0	0	0	2	0	1	0	0	5
Spittlebugs	0	0	0	0	3	2	0	0	0	0	0	0	5
Anthomyiid Flies	0	0	0	0	1	3	0	0	0	0	0	0	4
Brown Soft Scale	2	0	0	0	0	0	1	0	0	0	0	1	4
Insect Eggs	0	0	0	1	0	1	0	2	0	0	0	0	4
Maple Spindlegall	0	0	0	0	0	4	0	0	0	0	0	0	4
Pine Needle Scale	0	0	1	0	0	1	0	1	1	0	0	0	4
Roundheaded Borers	0	0	0	0	0	1	1	2	0	0	0	0	4
Sawflies	0	0	0	0	0	0	1	2	1	0	0	0	4
Scarab Beetles	0	0	0	0	0	1	1	2	0	0	0	0	4
Thrips	0	0	0	0	0	1	3	0	0	0	0	0	4
Wheel Bug	0	0	1	1	0	1	0	1	0	0	0	0	4

RECEIVED 3 TIMES

Azalea Stem Borer
Birch Leafminer
Euonymus Scale
European Hornet
Gloomy Scale
Juniper Webworm
Leafminers
Millipedes
Notodontid Moths
Orangestriped Oakworm
Pine Sawyers

Poplar Tentmaker
Rose Chafer
Southern Red Mite
Spiny Oakworm
Swallowtail Butterflies
Tuliptree Scale
Underwing Moths
White Peach Scale
Wool Sower Gall
Woolly Apple Aphid

RECEIVED 2 TIMES

Azalea Caterpillar	Leafhoppers
Azalea Leafminer	Longhorned Beetles
Borers	Magnolia Scale
Boxelder Bug	Maple Leafspot Gall.
Carpenter Bees	March Flies
Casebearers	Mimosa Webworm
Checkered Beetles	Mulberry Whitefly
Erineum Galls	Oak Lecanium
European Fruit Lecanium	Oak Spangles
Fern Scale	Parasitic Wasps
Gall Midges	Pine Webworm
Gall Mites	Polyphemus Moth
Geometrid Moths	Saddleback Caterpillar
Gouty Vein Gall	Sap Beetles
Hickory Horned Devil	Scoliid Wasps
Hickory Leaf Stem Gall	Spiders
Hickory Tussock Moth	Spiny Elm Caterpillar
Holly Leafminers	Springtails
Horntails	Stink Bugs
Io Moth	Termites
Japanese Beetle	Tiger Moths
Japanese Scale	Wax Scale
Juniper Scale	Woolly Alder Aphid
Katydids	

RECEIVED 1 TIME

Ants	Darkling Beetles
Arborvitae Leafminer	Darkwinged Fungus Gnats
Arrowshaped Micrathena	Dogwood Clubgall
Arvorvitae Leafminer	Earthworms
Assassin Bugs	Earwigs
Azalea Bark Scale	Elm Leaf Beetle
Bagworm	Elm Scurfy Scale
Baldfaced Hornet	Eriophyid Mites
Black Vine Weevil	European Elm Scale
Blister Beetles	Eyed Elater
Bristly Roseslug	Fall Webworm
Brown Lacewings	Five Pronged Sphinx
Calico Scale	Flat Bugs
Camellia Parlatoria Scale	Fletcher Scale
Camellia Scale	Forest Tent Caterpillar
Carpenter Ants	Fourlined Plant Bug
Caterpillars	Froghoppers
Cecropia Moth	Gall Wasps
Chalcid Wasps	Galls
Chrysanthemum Lace Bug	Garden Fleahopper
Climbing Cutworms	Giant Bark Aphid
Comstock Mealybug	Gladiolus Thrips
Cooley Spruce Gall Adelgid	Globular Hickory Leaf Gall
Corn Earworm	Gouty Oak Gall
Cyclamen Mite	Ground Beetles
Cynipid Galls	Hackberry Button Gall

Hag Moth
 Hickory Seed Gall
 Hister Beetles
Hoplia sp.
 Horned Oak Gall
 Imperial Moth
 Japanese Weevil
 June Beetles
 Juniper Bud Mites
 Lacewings
 Leafrollers
 Lesser Snow Scale
 Mealybugs
 Metallic Wood Borers
 Midges
 Mites
 Moth Pupa
 Native Holly Leafminer
 Northern Pine Weevil
 Oak Lace Bug
 Oak Red Mite
 Oak Treehoppers
 Oleander Scale
 Oriental Cockroach
 Pales Weevil
 Pandora Sphinx
 Peachtree Borer
 Phylloxerans
 Pine False Webworm
 Pine Tortoise Scale
 Pinkstriped Oakworm
 Pit Scales
 Planthoppers

Praying Mantids
 Psyllids
 Puss Caterpillar
 Redheaded Pine Sawfly
 Redhumped Caterpillar
 Regal Moth
 Rhododendron Borer
 Saltmarsh Caterpillar
 San Jose Scale
 Scale Insects
 Skippers
 Small Fruit Flies
 Snipe Flies
 Soft Scales
 Soldier Flies
 Solitary Bees
 Solitary Oak Leafminer
 Sphinx Moths
 Spotted Cucumber Beetle
 Stilt Bugs
 Sweetgum Scale
 Tussock Moths
 Twicestabbed Lady Beetle
 Twig Girdler
 Variable Oakleaf Caterpillar
 Vein Pocket Gall
 Viceroy
 Virginia Pine Scale
 Weevils
 White Pine Sawfly
 Whiteflies
 Yellow Wollybear
 Yellownecked Caterpillar

MOST FREQUENTLY RECEIVED ARTHROPODS
HOUSEHOLD AND STRUCTURAL WOOD

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Termites	1	1	1	14	11	5	7	0	5	2	1	0	48
Carpenter Ants	2	1	2	9	6	4	7	7	5	0	0	1	44
Carpet Beetles	2	1	4	6	6	7	1	0	3	3	5	1	39
Indianmeal Moth	2	2	2	3	5	1	1	3	5	4	2	1	31
Longhorned Beetles	2	0	5	5	6	3	1	2	0	0	0	1	25
Old House Borer	0	2	0	0	2	1	2	3	4	1	1	2	18
Soldier Beetles	0	0	0	0	1	3	0	0	1	7	3	0	15
Ground Beetles	0	0	0	0	2	2	7	1	2	0	0	0	14
Larder Beetle	0	0	0	0	4	5	0	1	0	0	2	0	12
Pavement Ant	0	0	0	1	0	5	5	0	0	0	1	0	12
No Insects Found	1	2	1	0	1	2	1	0	2	1	0	0	11
Bark Beetles	2	1	1	0	3	0	0	0	0	1	0	2	10
Millipedes	1	0	0	0	1	2	2	0	1	0	3	0	10
Powder Post Beetles	1	0	0	2	3	1	0	1	0	1	0	1	10
Ants	0	1	0	1	0	2	2	3	0	0	0	0	9
Smaller Yellow Ant	0	1	0	0	0	0	1	0	0	3	4	0	9
Sawtoothed Grain Beetle	1	0	1	0	1	1	1	1	0	0	1	1	8
Spider Beetles	1	1	0	3	1	1	0	0	1	0	0	0	8
Wood Roaches	0	0	0	0	2	3	3	0	0	0	0	0	8
Cigarette Beetle	1	0	0	1	1	1	1	0	1	0	1	0	7
Earwigs	0	0	0	0	0	3	2	0	1	0	1	0	7
Midges	2	0	0	1	0	0	2	0	1	0	0	1	7
Casemaking Clothes Moth	0	1	0	0	0	1	0	0	1	1	2	0	6
Cluster Fly	1	2	1	1	1	0	0	0	0	0	0	0	6
Larger Yellow Ant	0	0	2	0	1	2	1	0	0	0	0	0	6
Locust Borer	0	1	2	0	1	1	0	1	0	0	0	0	6

MOST FREQUENTLY RECEIVED ARTHROPODS
HOUSEHOLD AND STRUCTURAL WOOD

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
March Flies	0	0	0	4	2	0	0	0	0	0	0	0	6
Moth Flies	0	0	0	0	0	1	2	0	1	0	1	1	6
Booklice	0	0	0	0	0	1	1	0	2	0	0	1	5
Crematogaster Ants	0	0	0	0	0	0	1	2	1	0	1	0	5
Drugstore Beetle	0	0	0	0	0	2	0	2	1	0	0	0	5
Fleas	0	0	0	0	0	1	1	0	1	1	1	0	5
Red Flour Beetle	1	0	0	0	0	1	0	1	0	0	1	1	5
Angoumois Grain Moth	2	0	0	0	0	0	1	0	1	0	0	0	4
Clothes Moths	0	0	1	0	0	2	1	0	0	0	0	0	4
Clover Mite	0	0	1	2	1	0	0	0	0	0	0	0	4
European Hornet	0	0	0	0	0	2	0	0	1	1	0	0	4
Face Fly	0	3	0	1	0	0	0	0	0	0	0	0	4
Fungus Gnats	0	0	1	1	0	0	1	0	0	0	0	1	4
House Centipede	0	0	0	1	0	1	0	1	0	1	0	0	4
Moth Pupae	1	1	0	0	0	2	0	0	0	0	0	0	4
Murkymeal Moth	0	0	0	0	0	0	0	0	1	1	2	0	4
Redheaded Ash Borer	2	0	1	0	0	0	0	0	0	0	0	1	4
Small Fruit Flies	0	2	1	0	0	0	0	0	0	1	0	0	4
Springtails	1	0	0	0	0	2	0	0	0	0	0	1	4

RECEIVED 3 TIMES

Bed Bugs
Bird Mites
Carolina Wolf Spider
Carpenter Bees
Carrion Beetles
Foreign Grain Beetle
Ivorymarked Beetle

Mites
Slugs
Smokybrown Cockroach
Spider Wasps
Stoneflies
Tiphiid Wasps
Velvet Ants

American Cockroach	Leafcutting Bees
Aphid Wasps	Lesser Mealworm
Bean Weevil	Minute Brown Scavenger Beetles
Black Carpet Beetle	Moth
Bumble Bees	Not An Insect
Camel Crickets	Oak Skeletonizer
Could Not Diagnose	Oriental Cockroach
Crane Flies	Paper Wasps
Darkwinged Fungus Gnats	Parasitic Wasps
Drywood Termites	Pine Sawyers
Ensign Wasps	Rove Beetles
Eyed Elater	Scarab Beetles
German Cockroach	Soldier Flies
Grain Mite	Sowbugs
Grass Carrying Wasp	Strawberry Root Weevil
Horsehair Worms	Tiger Moths
Jumping Spiders	Wood Wasps

RECEIVED 1 TIME

Allegheny Mound Ant	Meal Moth
Anthomyid Flies	Mimosa Webworm
Antlike Flower Beetles	Mud-Dauber Wasps
Aphids	Mulberry Whitefly
Asiatic Garden Beetle	Myodocha serripes
Asiatic Oak Weevil	Noctuid Moths
Beetles	Orb Weavers
Biting Midges	Phymatodes varius
Black Soldier Fly	Pseudoscorpions
Blister Beetles	Pyralid Moths
Bostrichid Beetles	Red Carpenter Ant
Brown Lacewings	Redlegged Ham Beetle
Brownbanded Cockroach	<u>Reticulitermes hageni</u>
Cat Flea	Rice Weevil
Cicadas	Robber Flies
Click Beetles	Roundheaded Borers
Clover Hayworm	Sawflies
Clubionid Spiders	Seed Bugs
Combclawed Beetles	Shining Flower Beetles
Copepods	Silverfish
Cornfield Ant	Small Dung Flies
Cowpea Weevil	Sphecid Wasps
Daddy Longlegs Spiders	Spiders
Darkling Beetles	Spruce Bud Scale
Elm Leaf Beetle	Spruce Mite
European Grain Moth	Stink Bugs
Flat Bark Beetles	Swallowtail Butterflies
Fly Puparia	Tachinid Flies
Fruit Flies	Thrips
Gnaphosid Spiders	Twospotted Lady Beetle
Green June Beetle	Twospotted Spider Mite
Halictid Bees	Vespid Wasps
Honey Bee	Wax Scale
Horse Flies	Weevils
House Pseudoscorpion	Wheel Bug
Humpbacked Flies	Wolf Spiders
Ichneumon Wasps	Yellow Mealworm
Mayflies	Yellowjackets

MOST FREQUENTLY RECEIVED ARTHROPODS

FRUITS AND NUTS

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Not An Insect	0	0	0	0	4	1	0	1	0	1	1	0	8
Grape Phylloxera	0	0	0	0	0	2	1	3	1	0	0	0	7
San Jose Scale	0	1	1	1	0	0	0	0	1	1	1	1	7
Apple Maggot	0	0	0	0	0	0	1	1	0	3	0	0	5
Plum Curculio	0	0	0	0	1	0	1	3	0	0	0	0	5
Aphids	0	0	1	1	0	1	1	0	0	0	0	0	4
Pear Psylla	0	0	0	0	0	0	1	2	1	0	0	0	4
Plant Bugs	0	0	0	0	0	1	1	2	0	0	0	0	4

RECEIVED 3 TIMES

Codling Moth
 Could Not Diagnose
 Grape Cane Girdler
 Grape Tomato Gall

Oriental Fruit Moth
 Twospotted Spider Mite
 Walnut Husk Fly
 White Peach Scale

RECEIVED 2 TIMES

Bark Beetles
 European Red Mite
 Fall Webworm
 March Flies
 No Insects Found
 Peach Twig Borer
 Psocids

Puss Caterpillar
 Rose Chafer
 Scoliid Wasps
 Underwing Moths
 Weevils
 Yellownecked Caterpillar
 Woolly Apple Aphid

RECEIVED 1 TIME

Ambrosia Beetles
 Anthomyiid Flies
 Apple Skeletonizer
 Asparagus Beetle
 Blackberry Psyllid
 Burrowing Bugs
 Carpenter Bees
 Cicadas
 Eastern Tent Caterpillar
 Eightspotted Forester
 European Hornet
 Filbertworm
 Grape Applegall
 Grape Sawfly
 Grape Scale
 Grape Seed Chalcid
 Indianmeal Moth
 Katydid
 Lesser Peach Tree Borer
 Locust Leafminer

Millipedes
 Moths
 Notodontid Moths
 Pandora Sphinx
 Pigeon Tremex
 Praying Mantids
 Redhumped Caterpillar
 Rednecked Cane Borer
 Roundheaded Appletree Borer
 Sap Beetles
 Soft Scales
 Sooty Mold
 Speckled Green Fruitworm
 Spider Mites
 Stem Miner
 Stink Bugs
 Tussock Moths
 Walnut Caterpillar
 Wheel Bug
 Whitemarked Tussock Moth

MOST FREQUENTLY RECEIVED ARTHROPODS
VEGETABLES AND FIELD CROPS

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
No Insects Found	0	0	0	0	0	5	1	1	0	0	0	1	8
Not An Insect	0	0	0	0	0	2	2	1	0	0	0	0	5
Black Cutworm	0	0	0	0	0	1	1	0	2	0	0	0	4
Stalk Borer	0	0	0	0	0	0	4	0	0	0	0	0	4
Stink Bugs	0	0	0	0	0	0	1	2	1	0	0	0	4

RECEIVED 3 TIMES

Aphids
Armyworm
Blister Beetles
Cereal Leaf Beetle
Could Not Diagnose

Ground Beetles
Potato Leafhopper
Sap Beetles
Wireworms

RECEIVED 2 TIMES

Cicada Killer
Clover Leaf Weevil
Clover Root Curculio
Corn Leaf Aphid
Harlequin Bug
Lady Beetles
Mites
Pyralid Moths

Root Maggots
Seedcorn Maggot
Sod Webworms
Spider Mites
Squash Bug
Thrips
Twospotted Spider Mite

RECEIVED 1 TIME

Alfalfa Blotch Leafminer
Alfalfa Weevil
Asparagus Beetle
Assassin Bugs
Ataenius spretulus
Bigeyed Bugs
Bristly Cutworm
Carrot Beetle
Click Beetles
Colorado Potato Beetle
Corn Earworm
Corn Rootworms
Corn Sap Beetle
Cowpea Curculio
Cross-Striped Cabbageworm
Digger Bees
Dingy Cutworm
Earthworms
Fall Armyworm
Garden Symphylan
Io Moth
Leaffooted Bugs
Locust Leafminer
Millipedes
Mole Crickets

Pea Moth
Pickleworm
Plant Bugs
Potato Scab Gnat
Potato Tuberworm
Potter Wasps
Seed Bugs
Silverspotted Skipper
Slugs
Soldier Beetles
Soldier Flies
Southern Corn Rootworm
Sphinx Moths
Squash Vine Borer
Sunflower Seed Midge
Swallowtail Butterflies
Syrphid Flies
Termites
Tiger Beetles
Tortoise Beetles
Weevils
Wheat Stem Sawfly
Whiteflies
Whitelined Sphinx

MOST FREQUENTLY RECEIVED ARTHROPODS

GENERAL

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Sphinx Moths	0	0	0	0	1	1	1	2	1	0	0	0	6
Polyphemus Moth	0	0	0	0	0	3	0	1	0	0	0	0	4
Mosquitoes	RECEIVED 3 TIMES												
Tiger Moths	RECEIVED 2 TIMES												
Black Soldier Fly	Lady Beetles												
Buck Moth Caterpillar	Leopard Moth												
Cecropia Moth	Midges												
Eastern Hercules Beetle	Millipedes												
Eastern Tent Caterpillar	Mole Crickets												
Geometrid Moths	Noctuid Moths												
Great Leopard Moth	<u>Pinotus carolinus</u>												
Gypsy Moth	Puss Caterpillar												
Hickory Horned Devil	Rove Beetles												
Horsehair Worms	Snowfleas												
Io Moth	Solitary Bees												
Jumping Spiders	RECEIVED 1 TIME												
Allegheny Mound Ant	Moth Pupae												
<u>Anomala flavipennis</u>	Netwinged Beetles												
Ants	No Insects Found												
<u>Blaberus discoidales</u>	Not An Insect												
Black Flies	Orb Weavers												
Brownhooded Cockroach	Pine Tube Moth												
Buckeye Butterfly	Pine Webworm												
Bumblebee Moth	Pinkstriped Oakworm												
Carpenter Ants	Praying Mantids												
Checkered Beetles	Regal Moth												
Cicada Killer	Sap Beetles												
Darkwinged Fungus Gnats	Scoliid Wasps												
Doodlebugs	Seed Beetles												
Earthworms	Seed Weevils												
Eastern Pine Looper	Silverfish												
<u>Euphoria herbacea</u>	Smaller Yellow Ant												
Forest Tent Caterpillar	Sowbugs												
Gall Midges	Spiders												
Gall Wasps	Spruce Mite												
Glowworms	Stalk Borer												
Ground Beetles	Stiletto Flies												
Hag Moth	<u>Tapinoma sessile</u>												
Half Winged Geometer	Termites												
Halictid Bees	Terrestrial Flatworms												
Hickory Tussock Moth	Threadwaisted Wasps												
Honeydew	Tiphid Wasps												
Imperial Moth	Tobacco Hornworm												
Larger Yellow Ant	Twospotted Spider Mite												
Lesser Mealworm	<u>Ummidia audouini</u>												
March Flies	Water Boatmen												
Mites	Weevils												
Moth Flies	Wheel Bug												

MOST FREQUENTLY RECEIVED ARTHROPODS

LAWN AND TURF

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Allegheny Mound Ant	0	0	0	0	2	0	1	1	0	0	0	0	4
Ground Beetles	0	0	0	0	0	3	0	0	0	1	0	0	4

RECEIVED 3 TIMES

Velvet Ants

RECEIVED 2 TIMES

Cicada Killer
 Japanese Beetle
 Millipedes
 No Insects Found

Scoliid Wasps
 Sod Webworms
 Solitary Bees
 Threadwaisted Wasps

RECEIVED 1 TIME

Aphodian Dung Beetles
 Bumble Bees
 Burrowing Webworms
 Chinch Bug
 Cicadas
 Could Not Diagnose
 Crane Flies
 Dragonflies
 European Hornet
 Face Fly

Green June Beetle
 Green Lacewings
 Larger Yellow Ant
 Mason Wasps
 Mole Cricket
 Not An Insect
 Plant Bugs
 Tiphiid Wasps
 White Grubs
 Yellowjackets

MOST FREQUENTLY RECEIVED ARTHROPODS

ANIMAL

RECEIVED 2 TIMES

Grain Mite

RECEIVED 1 TIMES

Biting Lice
 Black Soldier Fly
 Cat Flea
 Cattle Biting Louse
 Dark Mealworm
 Fleas
 Hide Beetle

House Fly
 Leaches
 Lesser Mealworm
 Sheep Bot
 Ticks
 Yellow Mealworm

MOST FREQUENTLY RECEIVED ARTHROPODS

HUMAN

RECEIVED 2 TIMES

No Insects Found

RECEIVED 1 TIME

American Dog Tick
 Bird Mites
 Buck Moth Caterpillar
 Crab Louse

Ctenuchid Moths
 Halictid Bees
 Honey Bee
 Jumping Spiders

MOST FREQUENTLY RECEIVED ARTHROPODS

STORED PRODUCTS

RECEIVED 1 TIME

Booklice
 Carpet Beetles
 Corn Earworm
 Indianmeal Moth

No Insects Found
 Pecan Weevil
 Redlegged Ham Beetle

MOST FREQUENTLY RECEIVED ARTHROPODS

APICULTURAL

RECEIVED 1 TIME

Honey Bee

COUNTY SUMMARY

COUNTY -----	SPECIMENS -----
Albemarle	40
Alexandria(City)	17
Alleghany	16
Amelia	20
Amherst	7
Appomattox	23
Arlington	27
Augusta	51
Bath	1
Bath	1
Bedford	32
Bland	3
Botetourt	19
Brunswick	7
Buchanan	2
Buckingham	2
Buena Vista(IC)	1
Campbell	7
Caroline	13
Carroll	35
Charles City	5
Charlotte	2
Charlottesville	18
Chesapeake(City)	34
Chesterfield	13
Clarke	17

COUNTY SUMMARY

COUNTY	SPECIMENS
-----	-----
Clifton Forge(IC)	1
Craig	4
Culpepper	12
Cumberland	6
Danville(City)	12
Dickenson	9
Dinwiddie	15
Essex	4
Fairfax	23
Fauquier	19
Floyd	19
Franklin	13
Frederick	30
Fredericksburg(IC)	1
Galax(IC)	1
Giles	18
Gloucester	11
Goochland	3
Grayson	6
Greene	7
Greensville	4
Halifax	3
Hampton(City)	34
Hanover	73
Henrico	67
Henry	43
Highland	17
Isle of Wight	6

COUNTY SUMMARY

COUNTY -----	SPECIMENS -----
James City	49
King and Queen	2
King George	7
King William	2
Lancaster	7
Lee	11
Loudoun	27
Louisa	10
Lunenburg	20
Lynchburg(City)	42
Madison	6
Mathews	21
Mecklenburg	10
Middlesex	6
Montgomery	156
Nelson	4
New Kent	7
Newport News	8
Norfolk(City)	16
Northampton	1
Northumberland	1
Nottoway	7
Orange	17
Page	7
Patrick	8
Petersburg(City)	4

COUNTY SUMMARY

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COUNTY	SPECIMENS
Pittsylvania	7
Portsmouth(IC)	1
Powhatan	8
Prince Edward	13
Prince George	17
Prince William	24
Pulaski	28
Rappahannock	17
Richmond	5
Richmond(City)	21
Roanoke	28
Roanoke(City)	14
Rockbridge	9
Rockingham	52
Russell	4
Scott	16
Shenandoah	10
Smyth	9
Southampton	3
Spotsylvania	8
Stafford	35
Suffolk(City)	14
Surry	7
Sussex	14
Tazewell	16
Virginia Beach	3

COUNTY SUMMARY

COUNTY	SPECIMENS
Warren	28
Washington	8
Waynesboro(IC)	1
Westmoreland	23
Wise	6
Wythe	23
York	3
TOTAL	<u>1815</u>

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