RETURN TO ID LAB

INSECT IDENTIFICATION LABORATORY

ANNUAL REPORT 1984

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INTRODUCTION

This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 1984. The laboratory is located in 312 Price Hall. It is managed by Daniel J. Hilburn, Lab Specialist, F. William Ravlin, and John A. Weidhaas, Extension Entomologists, Department of Entomology.

Specimens are identified and recorded in the lab, then sent to Extension Entomologists who handle particular commodity groups for control recommendations and additional comments. All specimen data are entered into the Virginia Tech mainframe computer. This greatly facilitates sorting and storage of the information. Sue Rutherford and Morgan Allen deserve the credit for writing the programs which make it possible. Some of the records were sent via microcomputer to the Cooperative National Plant Pest Survey and Detection Program (USDA, APHIS, PPQ). We at Virginia Tech, acknowledge support provided by this program.

In order to facilitate mailing insects and insect damaged specimens to the lab, local offices of the Cooperative Extension Service in Virginia are provided with Insect Identification and Diagnosis Request forms (form 444-113), alcohol vials, and mailing tubes. Specimens may also be brought directly to the lab or mailed to:

Insect Identification Laboratory
Extension Entomology
312 Price Hall
VPI&SU
Blacksburg, VA 24061-5796
(703) 961-4899

Whenever possible insects are identified to the species level, but common names are used where possible because of their wide recognition.

A total of 1,745 requests were received in 1984. Eighty-two percent were forwarded by Extension Agents, the rest were brought or sent in directly by the general public. Identification requests from homeowners accounted for 85% of the total, 8% were from commercial growers, and 7% were from urban pest control operators, medical doctors, and others. Control recommendations were requested in 83% of the cases, 10% requested identification only, and 7% 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, Extension Entomologist Fruits and Nuts, Lawn and Turf, Human

Dr. James E. Roberts, Sr. . . Vegetables, Field Crops, and Animal Extension Entomologist

Dr. Michael Kosztarab. . . . . .Scale Insects Professor of Entomology

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

Dr. Donald G. Cochran . . . . . Cockroaches Professor of Entomology

The following table lists the magnitude 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
1984	1745	0	45
TOTAL	24757	6150	2283

[a]Service not previously provided.

[b]Estimated figure.

SPECIMENS RECEIVED BY THE INSECT IDENTIFICATION LABORATORY IN 1984

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	% OF TOTAL
Ornamentals, Shade trees	9	30	33	24	53	97	120	128	66	59	32	15	666	38.1%
Household, Structural Wood	27	40	45	52	51	75	68	91	41	73	48	33	644	36.9%
General	2	2	5	2	6	13	13	20	9	10	3	2	87	4.9%
Veg.|Field crops	1	0	3	2	15	38	41	9	10	5	7	1	132	7.5%
Fruits and nuts	0	3	5	9	18	22	21	23	8	11	3	5	128	7.3%
Lawns and turf	0	0	0	3	0	4	5	5	5	9	3	0	34	1.9%
Human	1	2	1	0	3	1	4	7	5	6	2	1	33	1.8%
Animal	0	0	0	0	0	0	1	0	0	0	0	2	3	0.1%
Stored products	5	0	0	0	3	3	0	0	1	2	0	0	14	0.8%
Apicultural	0	0	0	1	0	2	0	0	0	1	0	0	4	0.2%
TOTAL	45	77	92	93	149	255	273	283	145	176	98	59	1745	
% OF TOTAL	2.5%	4.4%	5.2%	5.3%	8.5%	14.6%	15.6%	16.2%	8.3%	10.0%	5.6%	3.3%		

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Not An Insect	0	4	0	6	6	5	3	8	5	1	4	1	43
No Insects Found	1	3	1	1	3	6	10	3	5	3	3	0	39
Aphids	0	1	0	0	2	6	4	1	0	5	0	0	19
Spider Mites	0	0	0	0	2	4	2	7	0	1	0	0	16
Spruce Mite	0	0	0	0	2	1	5	2	1	1	0	1	13
Elm Leaf Beetle	0	0	0	1	1	5	4	1	0	0	0	0	12
Greenstriped Mapleworm	0	0	0	0	0	1	7	4	0	0	0	0	12
Hickory Tussock Moth	0	0	0	0	0	0	7	3	2	0	0	0	12
Orangestriped Oakworm	0	0	0	0	0	0	0	2	7	3	0	0	12
Boxwood Mite	0	0	4	0	0	2	1	2	0	0	1	1	11
Boxwood Leafminer	0	1	4	0	2	1	1	0	0	0	0	1	10
Azalea Lace Bug	0	0	0	0	0	0	0	4	1	3	1	0	9
Maple Bladdergall	0	0	0	0	2	4	2	0	0	1	0	0	9
Sap Beetles	0	0	1	0	0	3	2	2	1	0	0	0	9
Bark Beetles	1	0	0	1	0	1	0	4	0	1	0	0	8
Could Not Diagnose	0	0	0	0	1	0	1	2	0	1	0	3	8
Euonymus Scale	1	0	2	0	0	1	0	2	1	1	0	0	8
European Hornet	0	0	0	0	0	0	0	2	2	2	1	1	8
Fall Webworm	0	1	0	0	0	1	3	2	0	0	0	0	7
Hemispherical Scale	1	1	2	1	0	1	0	0	0	0	1	0	7
Hemlock Woolly Adelgid	0	0	0	1	2	2	1	1	0	0	0	0	7
Northern Pine Weevil	0	0	0	0	1	0	4	0	0	1	1	0	7
Pine Needle Scale	0	1	0	0	2	0	1	1	1	1	0	0	7
Roundheaded Borers	0	0	2	0	1	0	0	1	0	2	1	0	7
Caterpillars	0	0	0	0	0	1	2	1	2	0	0	0	6
Darkwinged Fungus Gnats	0	0	1	1	1	1	0	0	0	0	1	1	6

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Mealybugs	1	0	3	1	0	0	0	1	0	0	0	0	6
Leafhoppers	0	0	0	0	0	2	1	2	0	0	0	0	5
Obscure Scale	0	0	2	0	1	0	0	2	0	0	0	0	5
Oystershell Scale	0	1	0	0	0	0	1	1	1	0	1	0	5
Pine Tip Moths	0	0	0	0	0	1	1	1	1	0	0	1	5
Sooty Mold	0	0	0	0	0	0	0	4	0	0	1	0	5
Walnut Caterpillar	0	0	0	0	0	0	1	4	0	0	0	0	5
White Peach Scale	0	0	0	0	1	0	1	2	0	1	0	0	5
Acorn Weevils	0	0	0	0	0	0	0	0	0	0	4	0	4
Brown Soft Scale	0	1	0	1	0	0	1	0	0	0	1	0	4
Dogwood Twig Borer	0	0	0	0	0	0	3	1	0	0	0	0	4
Earwigs	0	0	0	0	0	2	1	0	1	0	0	0	4
Gall Mites	0	0	0	0	1	1	1	0	0	1	0	0	4
Leaftiers	0	0	0	0	0	1	2	0	0	1	0	0	4
Pine Bark Adelgid	0	0	0	0	0	2	0	1	1	0	0	0	4
Praying Mantids	1	0	0	1	0	0	0	0	0	0	1	1	4
Psocids	0	1	0	0	1	0	1	0	1	0	0	0	4
Stink Bugs	0	0	0	0	0	0	1	0	2	1	0	0	4
Tiger Moths	0	0	0	0	0	1	3	0	0	0	0	0	4
Tuliptree Scale	0	0	0	0	0	1	0	1	1	0	1	0	4
Webworms	0	0	0	1	0	0	1	0	0	2	0	0	4
Whitemarked Tussock Moth	0	0	0	0	0	0	1	0	3	0	0	0	4

RECEIVED 3 TIMES

American Dagger Moth
Armored Scales
Azalea Caterpillar
Bagworm
Boxelder Bug
Boxwood Psyllid
Buck Moth Caterpillar
Cecropia Moth

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

Dogwood Sawfly
Insect Eggs
Maple Erineum Gall
Mimosa Webworm
Oak Skeletonizer
Planthoppers
Spiders
Thrips
Wheel Bug
Whiteflies
Yellownecked Caterpillar
Erineum Galls
Lady Beetles
Maple Spindlegall
Mulberry Whitefly
Oak Spangles
Poplar Tentmaker
Syrphid Flies
Vein Pocket Gall
White Pine Weevil
Woolly Alder Aphid

RECEIVED 2 TIMES

Beech Blight Aphid
Darkling Beetles
Eastern Hercules Beetle
European Fruit Lecanium
Gloomy Scale
Hickory Horned Devil
Lace Bugs
Leopard Moth
Longhorned Beetles
Parasitic Wasps
Pine Webworm
Redheaded Pine Sawfly
Sowbugs
Tussock Moths
Wax Scale
Carpenter Ants
Deodar Weevil
Eriophyid Mites
Gall Wasps
Gouty Oak Gall
Hoplia Beetles
Leaffooted Bugs
Locust Leafminer
Pales Weevil
Pigeon Tremex
Pinkstriped Oakworm
Soft Scales
Springtails
Twospotted Spider Mite
White Pine Aphid

RECEIVED 1 TIME

Acantholyda Webworms
Aphidlions
Asiatic Garden Beetle
Assassin Bugs
Bamboo Diaspidid Scale
Beech Leaftier
Blow Flies
Branch And Twig Borers
Butterflies
Carpenter Bees
Chaff Scale
Climbing Cutworms
Corn Earworm
Cottony Citrus Scale
Cyclamen Mite
Eastern Spruce Gall Adelgid
Flatheaded Borers
Flies
Anthomyiid Flies
Arborvitae Leafminer
Asiatic Oak Weevil
Azalea Stem Borer
Barkgnawing Beetles
Bethylid Wasps
Braconid Wasps
Bronze Birch Borer
Carolina Mantid
Carpenterworm
Cicadas
Cooley Spruce Gall Adelgid
Cottony Camellia Scale
Ctenuchid Moths
Earthworms
Elm Cockscomb Gall
Flatid Planthoppers
Flower Thrips

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

Fourlined Plant Bug
Gall Midges
Giant Bark Aphid
Halictid Bees
Hickory Leaf Stem Gall
Imperial Moth
Indian Hempworm
Jack Pine Sawfly
Juniper Bud Mites
Juniper Scale
Katydids
Leaf Skeletonizers
Luna Moth
Mayflies
Midges
Moth Flies
Noctuid Moths
Oak Apple Galls
Pale Tussock Moth
Polyphemus Moth
Privet Thrips
Pyralid Moths
Regal Moth
Rosy Maple Moth
Seed Bugs
Slippery Elm Pouch Gall
Smaller European Elm Bark Beetle
Sour Gum Scale
Sphecid Wasps
Spittlebugs
Spruce Needleminer
Termites
Tiger Swallowtail
Twicestabbed Lady Beetle
Underwing Moths
Weevils
Wool Sower Gall

Fuller Rose Beetle
Geometrid Moths
Hag Moth
Hawthorn Lace Bug
Hummingbird Moth
Imported Willow Leaf Beetle
Iris Borer
Japanese Weevil
Juniper Midge
Juniper Webworm
Leaf Beetles
Leafrollers
Maple Trumpet Skeletonizer
Midge Galls
Milkweed Tiger Moth
Moths
Northern Corn Rootworm
Painted Hickory Borer
Persimmon Psylla
Poplar Twig Gall Aphid
Puss Caterpillar
Rattailed Maggots
Root Aphids
San Jose Scale
Shothole Borer
Slugs
Smeared Dagger Moth
Southern Red Mite
Spiny Elm Caterpillar
Spring Cankerworm
Sycamore Lace Bug
Tesselated Scale
Tolype Moths
Twolined Chesnut Borer
Variable Oakleaf Caterpillar
Willow Sawfly
Woolly Pine Scale

MOST FREQUENTLY RECEIVED ARTHROPODS

Household|Struct

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Carpet Beetles	3	5	10	4	7	4	4	3	1	4	7	5	57
Carpenter Ants	3	3	4	4	5	7	3	7	3	0	0	0	39
Indianmeal Moth	3	5	2	0	3	1	0	2	3	6	3	0	28
Elm Leaf Beetle	1	2	3	13	3	0	2	0	0	1	0	0	25
Longhorned Beetles	2	2	3	2	1	1	2	2	0	0	0	2	17
Termites	0	0	3	4	4	2	0	0	0	0	0	0	13
Earwigs	0	0	0	0	0	2	9	0	1	0	0	0	12
Foreign Grain Beetle	0	0	0	0	0	0	0	8	2	1	0	0	11
Larger Yellow Ant	0	1	2	2	4	2	0	0	0	0	0	0	11
Smaller Yellow Ant	0	0	0	0	0	2	3	0	1	2	1	2	11
Ground Beetles	0	0	0	1	1	2	3	0	1	1	0	0	9
Small Fruit Flies	2	2	0	0	0	0	0	1	1	0	2	1	9
Springtails	0	0	1	0	0	1	1	2	0	1	2	1	9
European Hornet	0	0	0	0	0	0	0	2	1	4	1	0	8
Midges	0	0	0	0	2	4	2	0	0	0	0	0	8
Darkwinged Fungus Gnats	1	0	0	1	0	1	0	2	0	0	1	1	7
Old House Borer	0	0	0	0	0	0	1	0	3	0	2	1	7
Small Chestnut Weevil	0	0	0	0	0	0	0	0	0	7	0	0	7
Blow Flies	0	1	0	1	1	2	0	0	0	0	1	0	6
Cigarette Beetle	0	1	0	0	0	0	1	1	0	3	0	0	6
Click Beetles	0	0	0	0	0	1	0	0	1	2	0	2	6
Face Fly	0	0	0	0	0	1	1	0	0	0	2	2	6
No Insects Found	0	1	0	1	1	0	0	1	0	2	0	0	6
Soldier Beetles	0	0	0	0	0	0	0	0	0	6	0	0	6
Yellowjackets	0	0	0	0	0	2	0	2	0	0	2	0	6
Ants	0	0	0	0	1	0	0	1	1	1	0	1	5
Cigarette Beetle	0	0	0	0	2	0	0	4	2	1	0	1	10

MOST FREQUENTLY RECEIVED ARTHROPODS

Household|Struct

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Clover Mite	0	0	4	1	0	0	0	0	0	0	0	0	5
Crematogaster Ants	0	0	0	0	0	0	0	4	0	1	0	0	5
Hoplia Beetles	0	0	0	5	0	0	0	0	0	0	0	0	5
Moth Flies	0	0	1	1	0	2	1	0	0	0	0	0	5
Not An Insect	1	0	0	0	0	0	0	1	0	0	3	0	5
Pavement Ant	0	0	0	1	1	0	1	1	0	1	0	0	5
Sawtoothed Grain Beetle	0	0	0	0	2	0	1	0	0	0	1	1	5
Stoneflies	3	1	0	0	0	0	1	0	0	0	0	0	5
Thrips	0	0	0	0	0	2	1	2	0	0	0	0	5
Wood Roaches	0	0	0	1	0	3	0	1	0	0	0	0	5
Bed Bugs	0	1	0	0	0	0	3	0	0	0	0	0	4
Black Vine Weevil	0	1	0	0	0	0	2	1	0	0	0	0	4
Booklice	1	0	0	1	0	0	1	0	0	0	0	1	4
Boxelder Bug	0	0	2	1	0	0	0	0	0	1	0	0	4
Casemaking Clothes Moth	0	1	0	0	0	0	1	0	0	1	0	1	4
Cluster Fly	0	1	0	0	0	0	0	0	0	0	2	1	4
Horsehair Worms	0	0	0	0	0	0	0	2	1	1	0	0	4
House Centipede	0	0	0	0	1	0	1	2	0	0	0	0	4
Millipedes	0	0	0	0	0	1	0	0	0	0	2	1	4
Moths	0	0	0	0	0	0	0	1	1	2	0	0	4
Powder Post Beetles	1	1	0	0	0	0	1	0	1	0	0	0	4
Roundheaded Borers	0	1	1	0	1	0	0	0	0	0	1	0	4
Rove Beetles	0	0	0	0	0	0	0	0	2	0	0	2	4
Sphecid Wasps	0	0	0	1	0	3	0	0	0	0	0	0	4
Tachinid Flies	0	0	0	0	0	0	1	2	0	0	1	0	4
Threadwaisted Wasps	0	0	2	0	1	0	0	1	0	0	0	0	4

MOST FREQUENTLY RECEIVED ARTHROPODS

Household|Struct

RECEIVED 3 TIMES

American Cockroach
Asiatic Oak Weevil
Drugstore Beetle
German Cockroach
Humpbacked Flies
Leafhoppers
Minute Brown Scavenger Beetles
Noctuid Moths
Rice Weevil
Angoumois Grain Moth
Dark Mealworm
Drywood Termites
Grain Mite
Lady Beetles
Metallic Wood Borers
Murkymeal Moth
Oriental Cockroach

RECEIVED 2 TIMES

American Spider Beetle
Aphids
Bark Beetles
Camel Crickets
Carpenter Bees
Chinch Bug
Darkling Beetles
Eastern Hercules Beetle
Flatheaded Borers
House Fly
Lesser Mealworm
Oribatid Mites
Pheidole Ants
Pyralid Moths
Sap Beetles
Spider Wasps
Stink Bugs
Anobiid Beetles
Assassin Bugs
Bird Mites
Carolina Wolf Spider
Caterpillars
Cuckoo Wasps
Dobsonfly
Eastern Subterranean Termite
Formica Ants
Larder Beetle
Mayflies
Pharaoh Ant
Pine Sawyers
Red Flour Beetle
Sowbugs
Spiders
Strawberry Root Weevil

RECEIVED 1 TIME

Allegheny Mound Ant
Antlike Flower Beetles
Barkgnawing Beetles
Bean Weevil
Biting Midges
Black Soldier Fly
Braconid Wasps
Cave Crickets
Checkered Beetles
Cockroaches
Could Not Diagnose
Dog Flea
Earthworms
Eyed Click Beetle
Anthomyiid Flies
Bamboo Powderpost Beetle
Bat Bugs
Bee Flies
Black Larder Beetle
Black Widow Spider
Branch And Twig Borers
Centipedes
Clover Hayworm
Confused Flour Beetle
Crickets
Dung Beetles
Encyrtid Wasps
Filistatid Spiders

MOST FREQUENTLY RECEIVED ARTHROPODS

Household|Struct

Flat Bark Beetles
Fleas
Gelechiid Moths
Grass Carrier Wasp
House Pseudoscorpion
Indianmeal Moth
June Beetles
Leafcutting Bees
Meal Moth
Micromalthid Beetle
Mimosa Webworm
Moth Cocoons
Nursery-Web Spiders
Paper Wasps
Prilodactylid Beetles
Redheaded Ash Borer
Rustic Borer
Small Dung Flies
Soldier Flies
Spiny Elm Caterpillar
Ticks
Tortoise Beetles
Water Scavenger Beetles
Woodboring Weevils

Flat Bugs
Gall Midges
Glowworms
Heleomyzid Flies
Ichneumon Wasps
Insect Eggs
Lace Bugs
Leaffooted Bugs
Mediterranean Flour Moth
Micromalthid Beetles
Mites
Northern Fowl Mite
Pales Weevil
Pine Stump Prionus
Red Carpenter Ant
Rough Strawberry Root Weevil
Sawflies
Smokybrown Cockroach
Southern Armyworm
Syrphid Flies
Tiger Swallowtail
Velvet Ants
Wolf Spiders
Yellow Mealworm

MOST FREQUENTLY RECEIVED ARTHROPODS

Veg.|Field crops

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Aphids	0	0	0	0	1	1	3	0	0	1	3	0	9
Not An Insect	0	0	1	1	1	0	3	0	1	0	0	1	8
Fall Armyworm	0	0	0	0	0	1	5	1	0	0	0	0	7
European Corn Borer	0	0	0	0	0	3	2	0	1	0	0	0	6
Lady Beetles	0	0	0	0	2	2	1	1	0	0	0	0	6
No Insects Found	0	0	0	0	1	0	5	0	0	0	0	0	6
Stalk Borer	0	0	0	0	0	1	4	0	0	0	0	0	5
Cereal Leaf Beetle	0	0	0	0	1	3	0	0	0	0	0	0	4
Wireworms	1	0	0	0	1	1	0	0	1	0	0	0	4

RECEIVED 3 TIMES

Armyworm
Corn Earworm
Corn Root Webworm
Flea Beetles
Soldier Beetles
Squash Bug

RECEIVED 2 TIMES

Alfalfa Weevil
Braconid Wasps
Millipedes
Potato Leafhopper
Root Aphids
Yellow Woollybear

RECEIVED 1 TIME

Alfalfa Blotch Leafminer
Anthomyiid Flies
Ants
Aphodian Dung Beetles
Asparagus Beetle
Assassin Bugs
Bean Leaf Beetle
Blister Beetles
Burrower Bugs
Cabbage Curculio
Cabbage Maggot
Carrot Beetle
Caterpillers
Chinch Bug
Colorado Potato Beetle
Corn Flea Beetle
Could Not Diagnose
Cross-Striped Cabbageworm
Damsel Bugs
Funnel-Web Weavers
Green June Beetle
Ground Beetles
Harlequin Bug
Imported Cabbageworm
Io Moth
Limabean Vine Borer
Minute Pirate Bugs
Northern Corn Rootworm
Pavement Ant
Plant Bugs
Rhubarb Curculio
Rove Beetles

MOST FREQUENTLY RECEIVED ARTHROPODS

Veg.|Field crops

Seedcorn Maggot
Spider Mites
Stink Bugs
Terrestrial Flatworms
Tiger Moths
Tortoise Beetles
Vegetable Weevil
Whitefringed Beetles

Silverspotted Skipper
Spittlebugs
Sunflower Maggot
Thrips
Tomato Pinworm
Tree Crickets
White Grubs

MOST FREQUENTLY RECEIVED ARTHROPODS

Fruits and nuts

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Aphids	0	0	0	0	3	4	2	0	1	1	0	0	11
Not An Insect	0	0	0	1	5	1	1	0	0	0	1	0	9
Blackberry Psyllid	0	0	0	1	1	1	2	1	0	0	0	0	6
San Jose Scale	0	0	1	0	0	0	2	1	0	0	0	1	5
Stink Bugs	0	0	0	0	0	0	1	0	0	0	1	3	5
Strawberry Rootworm	0	0	0	0	0	0	1	4	0	0	0	0	5
Yellownecked Caterpillar	0	0	0	0	0	0	1	3	1	0	0	0	5
European Hornet	0	1	0	0	0	0	0	0	2	1	0	0	4
No Insects Found	0	0	1	0	0	3	0	0	0	0	0	0	4

RECEIVED 3 TIMES

Soldier Beetles
White Peach Scale

RECEIVED 2 TIMES

European Red Mite
Phylloxera Galls
Rose Scale
Shothole Borer
Grape Flea Beetle
Plum Curculio
Rosy Apple Aphid
Walnut Caterpillar

RECEIVED 1 TIME

Ailanthus Webworm
Ants
Azalea Stem Borer
Blastobasid Moths
Butternut Curculio
Could Not Diagnose
Eastern Tent Caterpillar
Gall Mites
Grape Phylloxera
Grape Scale
Hickory Shuckworm
Insect Eggs
Katydids
Leaftiers
Moth Pupae
Noctuid Moths
Oribatid Mites
Alderflies
Apple Maggot
Bark Beetles
Borers
Caterpillars
Earwigs
Eyed Elater
Grape Berry Moth
Grape Root Borer
Grape Tube Gall
Hickory Tussock Moth
Japanese Beetle
Lady Beetles
Lonchaeid Flies
Negro Bugs
Northern Walnut Husk Fly
Oriental Fruit Moth

MOST FREQUENTLY RECEIVED ARTHROPODS

Fruits and nuts

Phylloxerans
Redhumped Caterpillar
Rose Chafer
Sooty Mold
Spittlebugs
Strawberry Bud Weevil
Tiphiid Wasps
Underwing Moths
Wheel Bug

Plant Bugs
Redlegged Grasshopper
Small Chestnut Weevil
Spider Mites
Spotted Tentiform Leafminer
Syrphid Flies
Tree Crickets
Unicorn Caterpillar
Whitemarked Tussock Moth

MOST FREQUENTLY RECEIVED ARTHROPODS

General

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Wheel Bug	0	0	0	0	0	0	0	1	0	2	0	1	4

RECEIVED 3 TIMES

Halictid Bees
Not An Insect
Tiger Swallowtail

RECEIVED 2 TIMES

American Dagger Moth
Eastern Hercules Beetle
Hickory Horned Devil
Leaf Beetles
Millipedes
Orb Weavers
Pandora Sphinx
Rove Beetles
Sawflies
Smaller Yellow Ant

RECEIVED 1 TIME

Allegheny Mound Ant
Anthomyiid Flies
Aphids
Asiatic Oak Weevil
Blister Beetles
Boxelder Bug
Cicada Killer
Cigarette Beetle
Ctenuchid Moths
Cuckoo Bees
Diamondbacked Moth
Digger Bees
Dobsonfly
Earthworm Mite
Eastern Tent Caterpillar
Eastern Tiger Swallowtail
Eightspotted Forester
European Corn Borer
European Hornet
Eyed Click Beetle
Fishing Spiders
Gypsy Moth
Hackberry Leaf Slug
Hickory Tussock Moth
Horsehair Worms
Humpbacked Flies
Insect Eggs
Katydids
Lady Beetles
Larger Yellow Ant
Leafcutting Bees
Leafhoppers
Lightningbugs
Luna Moth
Mydas Flies
Noctuid Moths
Nymphalid Butterflies
Pavement Ant
Polyphemus Moth
Puss Caterpillar
Robber Flies
Saturniid Moths
Skiff Caterpillar
Stag Beetles
Stoneflies
Strawberry Root Weevil
Tent Caterpillars
Termites
Tiger Moths
Treehoppers
Velleda Lappet Moth
Walnut Caterpillar
White Grubs
Yellownecked Caterpillar

MOST FREQUENTLY RECEIVED ARTHROPODS

Lawns and turf

RECEIVED 3 TIMES

Cicada Killer
Velvet Ants

RECEIVED 2 TIMES

Broadnecked Root Borer
Ground Beetles
Leafhoppers
Lightningbugs
Soldier Beetles

RECEIVED 1 TIME

Allegheny Mound Ant
Ants
Bigeyed Bugs
Brachymyrmex Ants
Burrower Bugs
Carrion Beetles
Chinch Bug
Cicadas
Colletid Bees
Dobsonfly
Eastern Hercules Beetle
Green June Beetle
Hickory Horned Devil
June Beetles
March Flies
Midges
Noctuid Moths
Southern Masked Chafer

MOST FREQUENTLY RECEIVED ARTHROPODS

Human

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
No Insects Found	0	1	1	0	1	0	0	0	0	2	1	0	6
Lone Star Tick	1	0	0	0	0	0	0	1	1	1	0	0	4

RECEIVED 3 TIMES

Thrips

RECEIVED 2 TIMES

Robust Bot Flies

RECEIVED 1 TIME

Aphids
Bed Bug
Carpet Beetles
Flat Bark Beetles
Head Louse
Mason Wasps
Minute Fungus Beetles
Rattailed Maggots
Ticks
Assassin Bugs
Bird Mites
Darkwinged Fungus Gnats
Foreign Grain Beetle
Lacewings
Midges
Not An Insect
Tape Worms
Wheel Bug

MOST FREQUENTLY RECEIVED ARTHROPODS

Stored products

RECEIVED 2 TIMES

Indianmeal Moth

RECEIVED 1 TIME

Antlike Flower Beetles
Cheese Skipper
Foreign Grain Beetle
Mediterranean Flour Moth
Pyralid Moths
Spiders
Carpet Beetles
Dark Mealworm
Larder Beetle
Powder Post Beetles
Red Flour Beetle
Yellow Mealworm

MOST FREQUENTLY RECEIVED ARTHROPODS

Apicultural

RECEIVED 2 TIMES

Honey Bee

RECEIVED 1 TIME

Paper Wasps

Pesticides?

MOST FREQUENTLY RECEIVED ARTHROPODS

Animal

RECEIVED 1 TIME

Brown Dog Tick

Ticks

Dark Mealworm

COUNTY SUMMARY

COUNTY	SPECIMENS
Albemarle	27
Alexandria(IC)	13
Alleghany	17
Amelia	20
Amherst	7
Appomattox	15
Arlington	16
Augusta	38
Bath	3
Bedford	28
Bland	2
Botetourt	21
Brunswick	3
Buchanan	5
Buckingham	3
Campbell	11
Caroline	18
Carroll	38
Charles City	7
Charlotte	8
Chesapeake(IC)	47
Chesterfield	13
Clarke	19
Craig	7
Culpeper	22
Cumberland	4
Danville(IC)	36
Dickenson	15
Dinwiddie	9
Fairfax	19
Fauquier	14
Floyd	7
Fluvanna	3
Franklin	25
Frederick	38
Giles	13
Glouchester	11
Grayson	3
Greene	10
Greensville	3
Halifax	3
Hampton(IC)	24
Hanover	42
Henrico	23
Henry	43
Highland	8
Isle of Wight	7
James City	36
King and Queen	1
King George	11
King William	9
Lancaster	3
Lee	7
Loudoun	21
Louisa	6

COUNTY SUMMARY

COUNTY	SPECIMENS
Lunenberg	14
Lynchburg(IC)	34
Madison	12
Mathews	8
Mecklenberg	1
Middlesex	4
Montgomery	37
Nelson	3
New Kent	12
Newport News(IC)	11
Norfolk(IC)	8
Northumberland	2
Nottoway	3
Orange	14
Page	10
Patrick	8
Petersburg(IC)	5
Pittsylvania	5
Powhatan	8
Prince Edward	7
Prince George	23
Prince William	26
Pulaski	17
Rappahannock	33
Richmond	5
Richmond(IC)	4
Roanoke	17
Roanoke(IC)	10
Rockbridge	6
Rockingham	14
Russell	1
Scott	9
Shenandoah	10
Smyth	7
Southampton	3
Spotsylvania	15
Stafford	40
Suffolk(IC)	1
Sussex	16
Tazewell	11
Virginia Beach(IC)	1
Warren	35
Washington	6
Westmoreland	32
Wise	6
Wythe	11
York	2

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