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BLACKSBURG, VIRGINIA

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

^aService not previously provided.

^bEstimated 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
 Azalea Caterpillar
 Boxelder Bug
 Buck Moth Caterpillar

Armored Scales
 Bagworm
 Boxwood Psyllid
 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
 Bethyloid 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	Fuller Rose Beetle
Gall Midges	Geometrid Moths
Giant Bark Aphid	Hag Moth
Halictid Bees	Hawthorn Lace Bug
Hickory Leaf Stem Gall	Hummingbird Moth
Imperial Moth	Imported Willow Leaf Beetle
Indian Hempworm	Iris Borer
Jack Pine Sawfly	Japanese Weevil
Juniper Bud Mites	Juniper Midge
Juniper Scale	Juniper Webworm
Katydid	Leaf Beetles
Leaf Skeletonizers	Leafrollers
Luna Moth	Maple Trumpet Skeletonizer
Mayflies	Midge Galls
Midges	Milkweed Tiger Moth
Moth Flies	Moths
Noctuid Moths	Northern Corn Rootworm
Oak Apple Galls	Painted Hickory Borer
Pale Tussock Moth	Persimmon Psylla
Polyphemus Moth	Poplar Twig Gall Aphid
Privet Thrips	Puss Caterpillar
Pyralid Moths	Rattailed Maggots
Regal Moth	Root Aphids
Rosy Maple Moth	San Jose Scale
Seed Bugs	Shothole Borer
Slippery Elm Pouch Gall	Slugs
Smaller European Elm Bark Beetle	Smeared Dagger Moth
Sour Gum Scale	Southern Red Mite
Sphecid Wasps	Spiny Elm Caterpillar
Spittlebugs	Spring Cankerworm
Spruce Needleminer	Sycamore Lace Bug
Termites	Tesselated Scale
Tiger Swallowtail	Tolype Moths
Twicestabbed Lady Beetle	Twolined Chesnut Borer
Underwing Moths	Variable Oakleaf Caterpillar
Weevils	Willow Sawfly
Wool Sower Gall	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

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

RECEIVED 2 TIMES

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

RECEIVED 1 TIME

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

MOST FREQUENTLY RECEIVED ARTHROPODS

Household|Struct

Flat Bark Beetles	Flat Bugs
Fleas	Gall Midges
Gelechiid Moths	Glowworms
Grass Carrier Wasp	Heleomyzid Flies
House Pseudoscorpion	Ichneumon Wasps
Indianmeal Moth	Insect Eggs
June Beetles	Lace Bugs
Leafcutting Bees	Leaffooted Bugs
Meal Moth	Mediterranean Flour Moth
Micromalthid Beetle	Micromalthid Beetles
Mimosa Webworm	Mites
Moth Cocoons	Northern Fowl Mite
Nursery-Web Spiders	Pales Weevil
Paper Wasps	Pine Stump Prionus
Prilodactylid Beetles	Red Carpenter Ant
Redheaded Ash Borer	Rough Strawberry Root Weevil
Rustic Borer	Sawflies
Small Dung Flies	Smokybrown Cockroach
Soldier Flies	Southern Armyworm
Spiny Elm Caterpillar	Syrphid Flies
Ticks	Tiger Swallowtail
Tortoise Beetles	Velvet Ants
Water Scavenger Beetles	Wolf Spiders
Woodboring Weevils	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 Root Webworm
Soldier Beetles

Corn Earworm
Flea Beetles
Squash Bug

RECEIVED 2 TIMES

Alfalfa Weevil
Millipedes
Root Aphids

Braconid Wasps
Potato Leafhopper
Yellow Woollybear

RECEIVED 1 TIME

Alfalfa Blotch Leafminer
Ants
Asparagus Beetle
Bean Leaf Beetle
Burrower Bugs
Cabbage Maggot
Caterpillars
Colorado Potato Beetle
Could Not Diagnose
Damsel Bugs
Green June Beetle
Harlequin Bug
Io Moth
Minute Pirate Bugs
Pavement Ant
Rhubarb Curculio

Anthomyiid Flies
Aphodian Dung Beetles
Assassin Bugs
Blister Beetles
Cabbage Curculio
Carrot Beetle
Chinch Bug
Corn Flea Beetle
Cross-Striped Cabbageworm
Funnel-Web Weavers
Ground Beetles
Imported Cabbageworm
Limabean Vine Borer
Northern Corn Rootworm
Plant Bugs
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
Katydid
Leaf-tiers
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
Tiger Swallowtail

Not An Insect

RECEIVED 2 TIMES

American Dagger Moth
Hickory Horned Devil
Millipedes
Pandora Sphinx
Sawflies

Eastern Hercules Beetle
Leaf Beetles
Orb Weavers
Rove Beetles
Smaller Yellow Ant

RECEIVED 1 TIME

Allegheny Mound Ant
Aphids
Blister Beetles
Cicada Killer
Ctenuchid Moths
Diamondbacked Moth
Dobsonfly
Eastern Tent Caterpillar
Eightspotted Forester
European Hornet
Fishing Spiders
Hackberry Leaf Slug
Horsehair Worms
Insect Eggs
Lady Beetles
Leafcutting Bees
Lightningbugs
Mydas Flies
Nymphalid Butterflies
Polyphemus Moth
Robber Flies
Skiff Caterpillar
Stoneflies
Tent Caterpillars
Tiger Moths
Velleda Lappet Moth
White Grubs

Anthomyiid Flies
Asiatic Oak Weevil
Boxelder Bug
Cigarette Beetle
Cuckoo Bees
Digger Bees
Earthworm Mite
Eastern Tiger Swallowtail
European Corn Borer
Eyed Click Beetle
Gypsy Moth
Hickory Tussock Moth
Humpbacked Flies
Katydids
Larger Yellow Ant
Leafhoppers
Luna Moth
Noctuid Moths
Pavement Ant
Puss Caterpillar
Saturniid Moths
Stag Beetles
Strawberry Root Weevil
Termites
Treehoppers
Walnut Caterpillar
Yellownecked Caterpillar

MOST FREQUENTLY RECEIVED ARTHROPODS

Lawns and turf

RECEIVED 3 TIMES

Cicada Killer

Velvet Ants

RECEIVED 2 TIMES

Broadnecked Root Borer
Leafhoppers
Soldier BeetlesGround Beetles
Lightningbugs

RECEIVED 1 TIME

Allegheny Mound Ant
Bigeyed Bugs
Burrower Bugs
Chinch Bug
Colletid Bees
Eastern Hercules Beetle
Hickory Horned Devil
March Flies
Noctuid MothsAnts
Brachymyrmex Ants
Carrion Beetles
Cicadas
Dobsonfly
Green June Beetle
June Beetles
Midges
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
Gloucester	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
-----	-----
Lunenburg	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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