

444-112

INSECT IDENTIFICATION LABORATORY

ANNUAL REPORT 1986

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INTRODUCTION

This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 1986. The laboratory is located in 312 Price Hall. It is managed by Eric Day, 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 Insect I. D. Lab computer data base on the Virginia Tech mainframe computer. The data base greatly facilitates sorting and storage of the information. Sue Rutherford is responsible for all data base management. 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.

Starting in 1987 the Insect I.D. Lab computer data base will be available for access by county agents to check on samples being processed. Access to this program is provided through the Extension network (XNET). Agents wishing to access the data base should first log on to the mainframe computer. Once logged on type CLINIC and press the return key. The program will then ask you a series of questions to select the proper data set for your search and compose the actual search query based on your answers. This program will assist agents wishing to make identifications in their office based on previous samples, it will also be helpful in obtaining usage counts for annual VEMIS reports. A manual detailing this program was sent out to all county offices, additional copies are available from the Insect Identification Laboratory.

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
SCATS 430-4899

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

A total of 1,537 requests were received in 1986. Ninety-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 59% of the total, 11% were from commercial growers, 2% were from urban pest control operators, and 28% were from medical doctors, university faculty and staff, and unspecified sources. Control recommendations were requested in 77% of the cases, 6% requested identification only, and 17% did not specify one or the other.

Persons providing identifications and/or control recommendations:

Mr. Eric R. Day Laboratory Specialist	General
Dr. John A. Weidhaas, Jr Extension Entomologist	Ornamentals
Dr. William H Robinson Extension Entomologist	Household and Structural Wood, Fruits and Nuts, Lawn and Turf, Human
Dr. James E. Roberts, Sr. Extension Entomologist	Vegetables, Field Crops, and Animal
Dr. Michael Kosztarab Professor of Entomology	Scale Insects
Dr. Richard D. Fell Assoc. Professor of Entomology	Apiculture and Stinging Insects
Dr. John M. Luna. Extension Entomologist	Alfalfa
Dr. Donald G. Cochran Professor of Entomology	Cockroaches
Dr. F. William Ravlin Associate Professor of Entomology	Gypsy Moths
Dr. Douglas G. Pfeiffer Assistant Professor	Fruit and Nuts

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	100b
1972	970	557	516
1973	1124	683	184
1974	1264	742	316
1975	1430	781	160
1976	1437	457	223
1977	1365	500b	282
1978	1351	550b	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
1985	1730	0	20
1986	1537	0	16
TOTAL	28024	6150	2319

aService not previously provided.
bEstimated figure.

SPECIMENS RECEIVED BY THE INSECT IDENTIFICATION LABORATORY IN 1985

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	% OF TOTAL
Ornamentals, Shade trees	14	9	13	43	84	125	67	76	39	50	23	16	559	36.3%
Household	39	18	37	79	54	65	70	52	41	48	28	21	552	35.9%
General	0	1	0	2	5	12	10	4	8	2	2	0	46	3.0%
Veg. Field crops	0	0	0	6	15	21	55	25	12	16	2	0	152	9.9%
Fruits and nuts	0	1	3	11	16	24	14	15	13	5	1	2	105	6.8%
Lawns and turf	1	1	3	2	4	2	9	8	9	5	0	1	45	2.9%
Human	1	1	0	4	1	9	8	11	12	5	2	0	54	3.5%
Animal	2	0	1	0	2	2	4	0	0	2	0	2	15	1.0%
Structural	0	0	0	1	0	0	0	1	0	1	3	0	6	0.4%
Apicultural	0	0	0	0	3	0	1	0	0	0	0	0	4	0.3%
	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	57	31	57	148	184	260	238	192	134	134	61	42	1538	
% OF TOTAL	3.7%	2.0%	3.7%	9.6%	12.0%	16.9%	15.5%	12.5%	8.7%	8.7%	4.0%	2.7%		

INSECTS RECEIVED

Ornamental

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Spruce Mite	0	0	0	3	4	16	2	6	3	1	3	0	38
No Insects Found	0	0	0	4	10	11	2	5	2	3	0	0	37
Not An Insect	0	0	0	1	3	0	0	2	0	1	3	2	12
Pine Bark Adelgid	2	1	0	5	2	1	0	1	0	0	0	0	12
Birch Aphid	0	0	0	1	5	5	0	0	0	0	0	0	11
Aphids	2	0	0	0	1	1	0	2	1	2	0	1	10
Bagworm	0	0	0	0	0	2	4	2	0	0	2	0	10
White Pine Aphid	0	0	0	2	3	1	0	0	0	2	0	2	10
Caterpillars	0	0	0	0	0	2	3	2	1	1	0	0	9
Hickory Leaf Stem Gall	0	0	0	0	3	3	1	2	0	0	0	0	9
Lady Beetles	1	0	0	0	1	3	1	0	0	1	2	0	9
Spider Mites	1	0	0	1	1	1	1	3	0	1	0	0	9
Elm Leaf Beetle	0	0	0	0	1	2	2	0	2	1	0	0	8
Gall Wasps	0	0	0	0	3	3	0	1	1	0	0	0	8
Pales Weevil	0	2	0	1	0	1	1	0	1	0	1	1	8
Twospotted Spider Mite	0	0	0	0	0	1	2	2	0	1	0	2	8
White Pine Weevil	0	0	0	0	0	5	3	0	0	0	0	0	8
Could Not Diagnose	1	0	0	1	1	0	2	0	0	0	1	1	7
Flower Thrips	0	0	0	0	2	3	0	1	0	0	0	0	6
Mealybugs	0	0	0	0	1	1	0	1	1	0	1	1	6
Obscure Scale	0	0	1	0	1	1	1	2	0	0	0	0	6
Pine Needle Scale	0	0	0	2	1	1	0	1	0	1	0	0	6
Azalea Caterpillar	0	0	0	0	0	0	0	1	2	2	0	0	5
Boxelder Bug	0	0	0	0	0	1	1	0	1	2	0	0	5
Buck Moth	0	0	0	0	2	2	0	0	0	0	0	1	5
Euonymus Scale	0	0	0	0	0	1	0	1	1	2	0	0	5

INSECTS RECEIVED

Ornamental

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Greenstriped Mapleworm	0	0	0	0	1	1	2	1	0	0	0	0	5
Japanese Beetle	0	0	0	0	0	0	2	3	0	0	0	0	5
Praying Mantids	1	2	1	1	0	0	0	0	0	0	0	0	5
Tussock Moths	0	0	0	0	0	4	1	0	0	0	0	0	5
Azalea Lace Bug	0	0	0	0	0	0	1	0	0	2	1	0	4
Brown Soft Scale	0	0	0	1	0	0	0	1	0	2	0	0	4
Horntails	0	0	0	0	0	1	1	0	0	2	0	0	4
Lace Bugs	0	0	0	0	0	1	1	1	1	0	0	0	4
Mites	0	0	0	1	2	1	0	0	0	0	0	0	4
Orangestriped Oakworm	0	0	0	0	0	0	0	2	1	1	0	0	4
Rhinoceros Beetle	0	0	0	0	1	1	0	1	1	0	0	0	4
Stink Bugs	0	0	1	0	0	1	1	0	0	0	1	0	4
Thrips	0	0	0	0	1	3	0	0	0	0	0	0	4

RECEIVED 3 TIMES

Cottony Maple Leaf Scale
 Gypsy Moth
 Introduced Pine Sawfly
 Mulberry Whitefly
 Redheaded Pine Sawfly
 Seedcorn Maggot
 Termites
 White Peach Scale

Gall Mites
 Hemispherical Scale
 Leaf Beetles
 Oak Lecanium
 San Jose Scale
 Spiders
 Weevils
 Yellownecked Caterpillar

RECEIVED 2 TIMES

Ants
 Azalea Leafminer
 Beetle
 Black Vine Weevil
 Columbine Leafminer
 Dogwood Borer
 Earwigs
 Fall Webworm
 Fungus Gnats
 Japanese Scale

Azalea Bark Scale
 Bark Beetles
 Birch Leafminer
 Boxwood Mite
 Cottony Camellia Scale
 Dogwood Twig Borer
 Eriophyid Mites
 Forest Tent Caterpillar
 Hickory Horned Devil
 Juniper Scale

INSECTS RECEIVED

9

Ornamental

Juniper Webworm
Longhorned Beetles
Melon Aphid
Mimosa Webworm
Norway Maple Aphid
Pine Sawyers
Pitch Pine Midge
Roundheaded Borers
Southern Red Mite
Wax Scale
Woolly Alder Aphid

Larger Elm Leaf Beetle
Megarhyssa Wasp
Millipedes
Moths
Oak Treehopper
Pinkstriped Oakworm
Rhododendron Borer
Scale Insects
Twicestabbed Lady Beetle
Whiteflies
Woolly Elm Aphid

RECEIVED 1 TIME

Ambrosia Beetles
Arborvitae Leafminer
Assassin Bugs
Berry Midge
Borers
Boxwood Psyllid
Bulb Mite
Butternut Woollyworm
Cecropia Moth
Cicadas
Codling Moth
Cyclamen Mite
Dogwood Sawfly
Elm Leaf Curl Aphid
Elm Scurfy Scale
Flatheaded Borers
Gall Adelgids
Greedy Scale
Hackberry Leafslug
Halictid Bees
Hemlock Scale
Hister Beetles
Hoplia Beetles
Ips Engraver Beetles
Japanese Weevil
Katydids
Leafhoppers
Maple Bladdergall
Masked Chafer
Morningcloak Butterfly
Oak Lace Bug
Oribatid Mites
Pine Tortoise Scale
Pit Scales
Planthoppers
Psocids
Puss Caterpillar

Aphidlions
Arborvitae Weevil
Barberry Webworm
Blister Beetles
Boxelder Aphid
Broadnecked Root Borer
Burrower Bugs
Catalpa Sphinx
Chestnut Weevils
Click Beetles
Cotoneaster Webworm
Cypress Bark Beetle
Eastern Pine Engraver
Elm Sackgall Aphid
Eyed Click Beetle
Flies
Giant Bark Aphid
Green Peach Aphid
Hackberry Nipplegall
Harlequin Bug
Hickory Tussock Moth
Holly Leafminer
Horned Oak Gall
Iris Borer
June Beetles
Larder Beetle
Looper
Maple Spindlegall
May Beetles
Mournful Thyris
Oak Spangles
Oriental Cockroach
Pine Webworm
Plant Bugs
Popular Petiolegall Aphid
Psyllids
Red Oak Borer

Ornamental

Red Spruce Gall Adelgid
Rosy Maple Moth
Saddled Prominent
Sawflies
Shore Flies
Skippers
Solitary Bees
Spirea Aphid
Springtails
Tiger Swallowtail
Variable Oakleaf Caterpillar
White Grubs
Wool Sower Gall
Yellow Popular Crown Borer
Yucca Plant Bug

Rose Aphid
Rough Strawberry Root Weevil
Saltmarsh Caterpillar
Seed Bugs
Shothole Borer
Slugs
Spined Bark Borer
Spotted Cucumber Beetle
Tiger Moths
Tobacco Budworm
Wheel Bug
Whitefringed Beetles
Woolly Apple Aphid
Yellow-Collared Scape Moth
Yucca Weevil

INSECTS RECEIVED

Household

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Carpet Beetles	3	1	1	6	3	6	2	3	1	2	3	3	34
Indianmeal Moth	2	4	4	7	3	2	1	3	2	2	1	0	31
Carpenter Ants	1	0	1	7	2	5	2	5	2	2	1	0	28
Longhorned Beetles	0	1	5	4	2	1	4	0	0	0	0	0	17
Eastern Subterranean Termite	0	0	0	4	8	0	0	0	1	0	0	0	13
Cigarette Beetle	1	0	0	0	0	2	5	1	0	0	2	1	12
Booklice	0	1	0	1	0	1	1	1	0	4	1	1	11
Old House Borer	0	0	0	1	2	2	4	2	0	0	0	0	11
Termites	2	0	6	1	0	0	0	1	1	0	0	0	11
Yellow Ant	0	2	0	1	1	4	1	0	0	1	1	0	11
Sawtoothed Grain Beetle	1	0	2	2	1	1	0	1	0	1	0	1	10
Ground Beetles	1	0	1	0	0	0	4	0	2	0	0	1	9
Larder Beetle	0	0	0	2	3	1	2	0	1	0	0	0	9
Not An Insect	1	0	0	0	1	0	1	2	1	1	1	1	9
Darkling Beetles	0	0	0	0	0	2	1	4	0	0	1	0	8
Elm Leaf Beetle	0	0	0	2	0	0	1	2	2	1	0	0	8
Moth Flies	0	1	1	0	2	0	1	0	1	1	1	0	8
No Insects Found	3	1	0	1	0	1	1	1	0	0	0	0	8
Parasitic Wasps	0	0	1	0	0	1	0	1	1	2	1	1	8
Boxelder Bug	0	0	1	0	0	1	1	0	0	2	2	0	7
Millipedes	0	0	0	0	0	1	3	1	0	0	2	0	7
Springtails	0	0	0	0	1	4	0	1	0	0	1	0	7
Fleas	0	0	0	0	0	0	1	2	1	1	1	0	6
Pavement Ant	0	1	0	0	1	3	0	0	1	0	0	0	6
Soldier Beetles	1	0	0	0	1	0	0	0	0	4	0	0	6
Vinegar Flies	0	0	0	0	0	0	0	1	1	2	1	1	6

INSECTS RECEIVED

Household

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Weevils	0	0	0	0	0	0	5	0	1	0	0	0	6
Moths	1	0	0	0	0	0	0	2	1	1	0	0	5
Wolf Spiders	0	0	0	0	0	0	1	0	0	3	1	0	5
Wood Roaches	0	0	0	1	1	3	0	0	0	0	0	0	5
Ants	0	0	0	0	2	1	0	0	0	1	0	0	4
Blow Flies	1	1	0	0	0	0	0	1	0	1	0	0	4
Casemaking Clothes Moth	0	0	0	0	1	0	1	0	1	0	0	1	4
Cicadas	0	0	0	3	0	0	1	0	0	0	0	0	4
Clothes Moths	0	0	1	2	0	0	0	0	1	0	0	0	4
German Cockroach	0	0	0	0	0	0	0	0	2	0	0	2	4
Hoplia Beetles	0	0	0	4	0	0	0	0	0	0	0	0	4
Lesser Mealworm	0	0	0	0	1	0	0	0	1	1	0	1	4
Smaller Yellow Ant	1	0	0	0	0	0	0	0	0	1	2	0	4
Spiders	1	0	0	0	0	0	0	1	2	0	0	0	4
Stink Bugs	0	0	1	0	0	2	0	0	0	1	0	0	4
Threadwaisted Wasps	0	0	2	0	1	0	0	1	0	0	0	0	4
Thrips	0	0	0	0	0	2	2	0	0	0	0	0	4

RECEIVED 3 TIMES

American Cockroach
Caterpillars
Confused Flour Beetle
European Earwig
Jumping Spiders
Rove Beetles
Sphecid Wasps

Bed Bug
Click Beetles
Drywood Termites
Horsehair Worms
Oriental Cockroach
Sowbugs

RECEIVED 2 TIMES

Allegheny Mound Ant
Asiatic Oak Weevil
Bed Bugs

Aphids
Bark Beetles
Bethyloid Wasps

INSECTS RECEIVED

13

Household

Bird Mites
Carpenter Bee
Drugstore Beetle
Firebrat
Golden Dung Fly
House Fly
Lady Beetles
March Flies
Mosquitoes
Painted Hickory Borer
Redheaded Ash Borer
Sod Webworms

Buprestid Beetle
Centipedes
Face Fly
Fungus Gnats
Green June Beetle
Humpbacked Flies
Maggots
Midges
Noctuid Moths
Powder Post Beetles
Redlegged Ham Beetle
Yellowjackets

RECEIVED 1 TIME

Amphipod
Armyworm
Bean Weevil
Brownbanded Cockroach
Carpet Moth
Cluster Fly
Crane Flies
Crickets
Dark Mealworm
Eastern Yellowjacket
Eyed Click Beetle
Flat Bark Beetles
Flies
Grain Mite
Greenstriped Mapleworm
Honey Bee
Ips Engraver Beetles
Lacewings
Leafcutting Bees
Locust Borer
Longlegged Flies
Mealworm
Minute Brown Scavenger Beetles
Mole Crickets
Odd Beetle
Pine Sawyers
Psocids
Red Flour Beetle
Roundheaded Borers
Scarab Beetles
Silverfish
Small Fruit Flies
Snout Weevil
Solitary Bees
Spotted-Winged Grain Psocid
Tanbark Borer

Angoumois Grain Moth
Banded Hickory Borer
Beetle
Cabinet Beetle
Checkered Beetles
Combclawed Spiders
Crazy Ant
Culex Mosquitoes
Darkwinged Fungus Gnats
Ensign Wasps
False Darkling Beetle
Flatheaded Borers
Furniture Beetle
Green Lacewings
Hemispherical Scale
House Centipede
June Beetles
Lampyrid Beetles
Leafhoppers
Lone Star Tick
Mason Wasps
Metallic Wood Borers
Mites
Moth Pupae
Paper Wasps
Plant Bugs
Pyralid Moths
Rhinoceros Beetle
Sawflies
Sidewalk Ant
Small Dung Flies
Smokybrown Cockroach
Soldier Flies
Spider Beetles
Tachinid Flies
Tiger Beetles

INSECTS RECEIVED

14

Household

**Tineid Moth
Tortoise Beetles
Velvet Ants
Yellow Mealworm**

**Tomato Hornworm
Trox Beetle
Whitefringed Beetles**

INSECTS RECEIVED

General

RECEIVED 3 TIMES

Dobsonfly

Sphinx Moths

RECEIVED 2 TIMES

**Could Not Diagnose
Longhorned Beetles
Rhinoceros Beetle**

**Giant Water Bug
Moths**

RECEIVED 1 TIME

**Antlions
Blister Beetles
Cicada Killer
Cuckoo Wasps
Eastern Tent Caterpillar
Fungus Gnats
Ground Beetles
Imported Cabbageworm
Katydid
Oil Beetle
Pink-Spotted Hawk Moth
Scoliid Wasps
Stoneflies
Tiphid Wasps
Velvet Ants**

**Assassin Bugs
Caterpillars
Crane Flies
Eastern Subterranean Termite
European Earwig
Glowworms
Horsehair Worms
Jumping Spiders
Not An Insect
Paper Wasps
Redheaded Ash Borer
Sphecid Wasps
Syrphid Flies
Tussock Moths
Wood Roaches**

INSECTS RECEIVED

Veg. |Field crops

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Stink Bugs	0	0	0	0	1	0	3	4	0	3	0	0	11
Twospotted Spider Mite	0	0	0	0	1	2	6	0	1	0	0	0	10
Thrips	0	0	0	0	1	5	3	0	0	0	0	0	9
Western Corn Rootworm	0	0	0	0	0	1	7	1	0	0	0	0	9
Blister Beetles	0	0	0	0	0	0	3	3	1	0	0	0	7
No Insects Found	0	0	0	0	2	1	1	2	0	0	0	0	6
Not An Insect	0	0	0	0	0	2	0	1	2	0	0	0	5
Harlequin Bug	0	0	0	0	0	0	0	2	0	2	0	0	4

RECEIVED 3 TIMES

Alfalfa Weevil
Corn Earworm
Potato Leafhopper
Tomato Fruitworm

Aphids
European Corn Borer
Stalk Borer

RECEIVED 2 TIMES

Asparagus Beetle
Clover Root Curculio
Corn Rootworms
Cowpea Curculio
Imported Cabbageworm
Leaf Beetles
Seedcorn Maggot

Black Swallowtail
Corn Leaf Aphid
Corn Sap Beetle
Ground Beetles
Lady Beetles
Lesser Cornstalk Borer
Turnip Aphid

RECEIVED 1 TIME

Alfalfa Weevil Parasite
Bean Root Aphid
Brown Fruit Chafer
Cabbage Aphid
Cabbage Webworm
Dingy Cutworm
Flea Beetles
Green June Beetle
Hag Moth
Honey Bee
May Beetles
Millipedes
Palestriped Flea Beetle

Bean Leaf Beetle
Black Flies
Bumblebee Moth
Cabbage Looper
Corn Root Webworm
Dusky Stink Bug
Granulate Cutworm
Green Peach Aphid
Halictid Bees
Leaffooted Bugs
Melon Aphid
Negro Bugs
Pea Aphid

INSECTS RECEIVED

17

Veg. | Field crops

**Sap Beetles
Shallot Aphid
Southern Corn Rootworm
Squash Bug
Striped Cucumber Beetle
Tobacco Hornworm
Variegated Cutworm
White Grubs**

**Serpentine Leafminer Complex
Sod Webworms
Spider Mites
Squash Vine Borer
Tiger Beetles
Tomato Hornworm
Weevils
Wireworms**

INSECTS RECEIVED

Fruits and nuts

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
San Jose Scale	0	0	0	0	1	4	2	2	1	0	0	0	10
No Insects Found	0	0	0	3	3	1	0	0	1	0	0	0	8
Codling Moth	0	0	0	0	0	1	0	1	2	0	0	0	4
Plum Curculio	0	0	0	0	1	1	1	1	0	0	0	0	4
Strawberry Rootworm	0	0	0	0	0	0	0	4	0	0	0	0	4

RECEIVED 3 TIMES

Apple Maggot
Pearleaf Blister Mite

Fall Webworm

RECEIVED 2 TIMES

Fungus Gnats
Pear Psylla
Rose Stem Sawfly
Shothole Borer
Wheel Bug

Gall Mites
Puss Caterpillar
Roundheaded Appletree Borer
Thrips
White Grubs

RECEIVED 1 TIME

Apple Grain Aphid
Blackberry Psyllid
Cicadas
Eastern Tent Caterpillar
Flatheaded Borers
Fourspotted Spider Mite
Grape Erineum Mite
Grape Tomato Gall
Grapeleaf Skeltonizer
Insect Eggs
Lady Beetles
Leafrollers
Oriental Fruit Moth
Peachtree Borer
Plant Bugs
Raspberry Cane Borer
Redhumped Oakworm
Sawflies
Seedcorn Maggot
Stink Bugs
Termites
Twig Girdler
Walnut Husk Fly

Blackberry Aphid
Burrower Bugs
Comstock Mealybug
European Hornet
Flies
Grape Curculio
Grape Leafroller
Grape Tube Gall
Hickory Shoot Culculio
June Beetles
Leafhoppers
Not An Insect
Oystershell Scale
Pecan Leafroll Mite
Psocids
Redheaded Ash Borer
Rosy Apple Aphid
Scale Insects
Spider Mites
Strawberry Aphid
Treehoppers
Twospotted Spider Mite
Woolly Apple Aphid

INSECTS RECEIVED

Lawns and turf

 J F M A M J J A S O N D TOT

Green June Beetle 0 1 0 1 0 1 0 0 2 3 0 0 8

RECEIVED 3 TIMES

May Beetles

Millipedes

RECEIVED 2 TIMES

Armyworm
 Fungus Gnats
 Scoliid Wasps
 Yellow Ant

Bronzed Cutworm
 Masked Chafer
 Sod Webworms

RECEIVED 1 TIME

Allegheny Mound Ant
 Boxelder Bug
 Cicada Killer
 Eyed Tiger-Moth
 Grapevine Beetle
 Leafhoppers
 Saltmarsh Caterpillar
 Springtails
 Velvet Ants

Black Turfgrass Ataenius
 Caterpillars
 Click Beetles
 Gall Midges
 Grass Sawfly
 Not An Insect
 Sowbugs
 Thrips

INSECTS RECEIVED

Human

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
No Insects Found	1	0	0	3	0	1	0	0	0	0	0	0	5
Thrips	0	0	0	0	1	4	0	0	0	0	0	0	5

RECEIVED 3 TIMES

American Dog Tick
Velvet Ants

Cicada Killer

RECEIVED 2 TIMES

Buck Moth
Treehole Mosquito

Paper Wasps

RECEIVED 1 TIME

Ants
Bed Bugs
Black Widow Spider
Bumble Bees
Carpet Beetles
European Hornet
Fungus Gnats
German Cockroach
Jumping Spiders
Puss Caterpillar
Scoliid Wasps
Soft Ticks
Spiders
Threadwaisted Wasps
Wolf Spiders

Assassin Bugs
Bird Mites
Booklice
Carolina Wolf Spider
Cat Flea
Fleas
Gall Midges
Head Louse
Midges
Saddleback Caterpillar
Sheep Ked
Sphecid Wasps
Stag Beetles
Vinegar Flies

INSECTS RECEIVED

Animal

RECEIVED 2 TIMES

Meal Moth

RECEIVED 1 TIME

**American Dog Tick
Blacklegged Tick
Green June Beetle
House Fly
Leaf Beetles
Rattailed Maggots
Stable Fly**

**Black Flies
Blow Flies
Horse Flies
Indianmeal Moth
Locust Borer
Shore Flies**

INSECTS RECEIVED

Structural

RECEIVED 2 TIMES

Crematogaster Ants

RECEIVED 1 TIME

**Isopod
Old House Borer**

**No Insects Found
Termites**

INSECTS RECEIVED

Apicultural

RECEIVED 2 TIMES

Honey Bee

RECEIVED 1 TIME

European Hornet

Pesticide Kill

COUNTY SUMMARY

COUNTY	SPECIMENS
Albemarle	21
Alexandria(IC)	13
Alleghany	20
Amelia	10
Amherst	8
Appomattox	6
Arlington	26
Augusta	45
Bath	2
Bedford	36
Bland	2
Botetourt	14
Brunswick	4
Buchanan	3
Buckingham	2
Campbell	10
Caroline	12
Carroll	45
Charlotte	9
Chesapeake(IC)	41
Chesterfield	19
Clarke	21
Craig	5
Culpeper	7
Cumberland	4
Danville(IC)	24
Dickenson	18
Dinwiddie	9
Essex	4
Fairfax	10
Fauquier	28
Floyd	9
Fluvanna	3
Franklin	32
Frederick	25
Giles	4
Gloucester	7
Goochland	4
Grayson	4
Greene	9
Greensville	1
Halifax	14
Hampton(IC)	20
Hanover	61
Henrico	57
Henry	39
Highland	16
Isle of Wight	21
James City	36
King George	18
King William	2
Lancaster	1
Lee	10
Loudoun	13
Louisa	7
Lunenburg	13

COUNTY SUMMARY

COUNTY	SPECIMENS
Lynchburg(IC)	45
Madison	20
Mathews	6
Mecklenberg	12
Middlesex	1
Montgomery	119
New Kent	7
newport news(ic)	12
Norfolk(IC)	18
Northampton	1
Northumberland	2
Nottoway	11
Orange	11
Page	11
Patrick	6
Petersburg(IC)	4
Pittsylvania	8
Powhatan	9
Prince Edward	9
Prince George	9
Prince William	12
Pulaski	16
Rappahannock	24
Richmond	4
Richmond(IC)	4
Roanoke	18
Roanoke(IC)	13
Rockbridge	12
Rockingham	41
Russell	1
Scott	13
Shenandoah	5
Smyth	5
Southampton	3
Spotsylvania	4
Stafford	16
Suffolk(IC)	7
Surry	5
Sussex	9
Tazewell	9
Virginia Beach(IC)	3
Warren	12
Washington	5
Westmoreland	23
Wise	9
Wythe	18
York	1
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