

INSECT IDENTIFICATION LABORATORY

ANNUAL REPORT 1985

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INTRODUCTION

This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 1985. 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 1,730 requests were received in 1985. Eighty-four percent were forwarded by Extension Agents, the rest were brought or sent in directly by the general public. Identification requests from homeowners accounted for 79% of the total, 9% were from commercial growers, and 12% were from urban pest control operators, medical doctors, and others. Control recommendations were requested in 81% of the cases, 9% requested identification only, and 10% 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
1985	1730	0	20
TOTAL	26487	6150	2303

^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	25	11	52	45	81	112	136	95	71	55	20	11	714	41.3%
Household	21	21	46	74	53	78	51	65	61	65	50	10	595	34.4%
General	1	1	2	4	19	14	9	7	6	6	2	2	73	4.2%
Veg. Field crops	2	0	0	5	20	26	39	26	22	10	3	0	153	8.8%
Fruits and nuts	2	0	13	6	17	19	11	10	10	13	4	2	107	6.2%
Lawns and turf	0	0	1	2	5	5	8	11	4	10	2	0	48	2.8%
Human	0	0	5	1	5	7	3	5	2	2	1	1	32	1.8%
Animal	0	0	1	0	1	2	0	0	1	0	0	1	6	0.3%
Structural	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1%
Apicultural	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1%
	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	51	33	120	137	202	264	257	219	177	161	82	27	1730	
% OF TOTAL	2.9%	1.9%	6.9%	7.9%	11.7%	15.3%	14.9%	12.7%	10.2%	9.3%	4.7%	1.6%		

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Spruce Mite	0	0	0	1	3	11	6	9	1	9	3	1	44
Spider Mites	2	0	2	0	0	1	8	14	2	3	1	0	33
No Insects Found	0	0	2	2	4	3	5	5	3	3	1	0	28
Not An Insect	3	1	4	2	1	4	4	1	1	1	2	0	24
Aphids	0	1	0	2	0	3	4	3	4	0	1	1	19
Could Not Diagnose	1	0	0	3	3	1	2	1	4	0	1	0	16
Pine Bark Adelgid	0	0	3	4	1	1	3	2	0	2	0	0	16
Greenstriped Mapleworm	0	0	0	0	0	6	2	6	0	0	0	0	14
Azalea Lace Bug	0	0	0	0	0	0	3	3	2	3	0	0	11
Caterpillars	0	0	0	0	0	5	2	2	0	0	0	0	9
Boxwood Leafminer	0	0	5	0	1	0	1	0	0	1	0	0	8
Boxwood Mite	0	0	3	1	0	0	1	0	1	1	0	1	8
Maple Bladder Gall	0	0	0	0	5	0	1	1	1	0	0	0	8
Oystershell Scale	0	0	0	4	0	2	0	1	1	0	0	0	8
Boxelder Bug	0	0	1	0	2	2	0	0	2	0	0	0	7
Brown Soft Scale	0	0	0	1	2	1	1	1	0	1	0	0	7
Hemispherical Scale	0	2	2	1	1	0	0	0	0	0	1	0	7
Leafhoppers	0	0	0	0	0	2	4	1	0	0	0	0	7
Twospotted Spider Mite	1	0	0	1	1	2	1	0	0	1	0	0	7
Bark Beetles	0	0	0	0	2	0	1	2	1	0	0	0	6
Fourlined Plant Bug	0	0	0	0	2	3	1	0	0	0	0	0	6
Hickory Tussock Moth	0	0	0	0	0	0	5	0	1	0	0	0	6
Pine Needle Scale	0	0	0	0	1	0	0	1	1	3	0	0	6
Thrips	0	0	0	0	1	3	2	0	0	0	0	0	6
Vein Pocket Gall	0	0	0	0	3	1	1	0	0	1	0	0	6
Bagworm	0	0	2	0	0	1	2	0	0	0	0	0	5

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Orangestriped Oakworm	0	0	0	0	0	0	0	2	3	0	0	0	5
Redhumped Caterpillar	0	0	0	0	0	0	1	3	1	0	0	0	5
Southern Red Mite	0	0	2	1	0	0	1	0	0	0	1	0	5
Spiders	0	0	1	0	1	0	0	0	2	1	0	0	5
Wheel Bug	1	0	0	1	1	2	0	0	0	0	0	0	5
White Peach Scale	0	0	2	0	0	0	0	1	0	0	1	1	5
White Pine Aphid	0	0	1	0	0	1	0	0	0	0	2	1	5
Geometrid Moths	0	0	0	1	1	0	1	0	1	0	0	0	4
Hickory Leaf Stem Gall	0	0	0	0	1	3	0	0	0	0	0	0	4
Moths	0	0	0	0	0	0	0	0	1	1	0	2	4
Pales Weevil	0	0	0	2	0	1	1	0	0	0	0	0	4
Pyralid Moths	0	0	0	0	0	1	0	0	0	1	2	0	4
Rhododendron Lace Bug	0	0	0	0	0	1	0	2	0	1	0	0	4
Roundheaded Borers	0	0	1	1	0	0	1	0	0	0	0	1	4

RECEIVED 3 TIMES

Armored Scales
 Darkwinged Fungus Gnats
 Euonymus Scale
 Gall Mites
 Hickory Horned Devil
 Lace Bugs
 Mealybugs
 Oak Spangles
 Psocids
 Sap Beetles
 Stink Bugs
 Twig Pruner
 Whitemarked Tussock Moth
 Woolly Pine Scale

Carpenterworm
 Dioryctria Moths
 Fuller Rose Beetle
 Gouty Oak Gall
 Juniper Scale
 Leaf-tiers
 Millipedes
 Pine Sawyers
 Redheaded Pine Sawfly
 Soldier Beetles
 Tiger Moths
 Whiteflies
 Woolly Alder Aphid

RECEIVED 2 TIMES

Anthomyiid Flies
 Boxelder Twig Borer

Asiatic Oak Weevil
 Boxwood Psyllid

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

Burrower Bugs
 Corn Earworm
 Erineum Galls
 European Fruit Lecanium
 Fall Webworm
 Gladiolus Thrips
 Hemlock Woolly Adelgid
 Japanese Beetle
 Japanese Weevil
 Katydid
 Longhorned Beetles
 Maple Spindlegall
 Mulberry Whitefly
 Oak Skeletonizer
 Pigeon Tremex
 Pine Tortoise Scale
 Pine Webworm
 Rhinoceros Beetle
 Saddled Prominent
 Scarlet Oak Sawfly
 Skiff Caterpillar
 Sycamore Tussock Moth
 Termites
 Tuliptree Scale
 Twolined Spittlebug
 Walnut Caterpillar
 Yellownecked Caterpillar

Cecropia Moth
 Cottony Camellia Scale
 Eriophyid Mites
 European Hornet
 Flatid Planthoppers
 Hackberry Nipplegall
 Honeylocust Plant Bug
 Japanese Scale
 Juniper Webworm
 Lightningbugs
 Maple Leafspot Gall
 Metallic Wood Borers
 Noctuid Moths
 Obscure Scale
 Pine Tip Moths
 Pine Webworm
 Planthoppers
 Rhododendron Borer
 Sawflies
 Seedcorn Maggot
 Spittlebugs
 Syrphid Flies
 Treehoppers
 Twicestabbed Lady Beetle
 Underwing Moths
 Weevils

RECEIVED 1 TIME

Ants
 Ash Flower Gall
 Assassin Bugs
 Azalea Caterpillar
 Balsam Gall Midges
 Beaked Willow Gall
 Black Cutworm
 Boisduval Scale
 Boxwood Mite
 Boxwood Webworm
 Buck Moth
 Bulb Mite
 Calico Scale
 Catalpa Sphinx
 Climbing Cutworms
 Cottony Camellia Scale
 Cottony Maple Leaf Scale
 Cyclamen Mite
 Deodar Weevil
 Dogwood Scale
 Earwigs

Arborvitae Leafminer
 Ash Midrib Gall
 Azalea Bark Scale
 Azalea Stem Borer
 Barberry Webworm
 Beech Blight Aphid
 Black Pineleaf Scale
 Boxelder Psyllid
 Boxwood Psyllid
 Branch And Twig Borers
 Bugs
 Cactus Scale
 Carpenter Ants
 Centipedes
 Cooley Spruce Gall Adelgid
 Cottony Grass Scale
 Crane Flies
 Darkling Beetles
 Dogwood Sawfly
 Dogwood Twig Borer
 Eastern Pine Shoot Borer

MOST FREQUENTLY RECEIVED ARTHROPODS

Ornamental

Eastern Spruce Gall Adelgid
 Encyrtid Wasps
 European Corn Borer
 Fern Scale
 Fruit Flies
 Gall Midges
 Gloomy Scale
 Gypsy Moth
 Hag Moth
 Hickory Bark Beetle
 Hickory Onion Gall
 Hickory Tube Gall
 Ichneumon Wasps
 Insect Galls
 Iris Borer
 Jack Pine Sawfly
 Lacewings
 Larger Elm Leaf Beetle
 Leopard Moth
 Lily Of The Valley Weevil
 Lonchaeid Flies
 March Flies
 Mimosa Webworm
 Morningglory Leafminer
 Not An Insect
 Oak Timberworm
 Painted Hickory Borer
 Phylloxerans
 Pinhole Borers
 Praying Mantids
 Privet Thrips
 Puss Caterpillar
 Red Spruce Gall Adelgid
 Saddleback Caterpillar
 Slippery Elm Pouch Gall
 Sowbugs
 Spicebush Swallowtail
 Spiny Oakworm
 Tea Scale
 Tiphiid Wasps
 Twomarked Treehopper
 Variable Oakleaf Caterpillar
 Wheel Bug
 White Pine Aphid
 Whitelined Sphinx
 Woolly Fold Gall

Elongate Hemlock Scale
 Euonymus Scale
 European Earwig
 Fishflies
 Gall Adelgids
 Gall Wasps
 Great Leopard Moth
 Hackberry Leafslug
 Hemlock Scale
 Hickory Leaf Gall Midge
 Hickory Shoot Curculios
 Holly Leafminers
 Insect Eggs
 Introduced Pine Sawfly
 Ivy Scale
 Jackpine Sawfly
 Lady Beetles
 Leafcutting Bees
 Lilac Borer
 Locust Leafminer
 Maple Erineum Gall
 Marginal Fold Gall
 Morningcloak Butterfly
 Northern Pine Weevil
 Oak Lecanium
 Orangehumped Mapleworm
 Peachtree Borer
 Pine Spittlebug
 Poplar Tentmaker
 Praying Mantids
 Promethea Moth
 Rattailed Maggots
 Rose Chafer
 Scarab Beetles
 Slugs
 Sphinx Moths
 Spiny Elm Caterpillar
 Spruce Needleminer
 Thornbugs
 Tortoise Beetles
 Twospotted Lady Beetle
 Wasp Galls
 White Grubs
 White Pine Weevil
 Wool Sower Gall
 Yellow Woollybear

MOST FREQUENTLY RECEIVED ARTHROPODS

Household

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Carpet Beetles	1	3	6	6	4	5	4	2	3	6	3	2	45
Carpenter Ants	0	1	5	7	2	7	4	5	1	2	2	0	36
Termites	0	0	6	16	4	4	0	2	0	2	1	0	35
Indianmeal Moth	3	1	1	2	0	0	1	1	4	1	1	1	16
Sawtoothed Grain Beetle	0	0	0	2	2	0	1	1	0	3	3	1	13
Smaller Yellow Ant	0	1	0	0	0	0	0	3	1	3	5	0	13
Old House Borer	1	0	1	1	1	0	3	1	2	0	2	0	12
Ground Beetles	0	0	0	0	0	2	2	3	3	1	0	0	11
Drugstore Beetle	0	0	0	1	1	2	1	0	2	3	0	0	10
Blow Flies	0	1	1	0	0	0	1	1	1	1	2	1	9
Cigarette Beetle	0	1	0	0	2	2	1	1	0	1	1	0	9
Darkwinged Fungus Gnats	1	0	0	0	1	0	0	4	3	0	0	0	9
Earwigs	0	0	0	0	0	6	1	1	0	1	0	0	9
Larder Beetle	0	0	0	1	1	5	0	0	1	0	0	0	8
Midges	0	0	2	2	1	1	0	1	1	0	0	0	8
Millipedes	1	0	0	0	0	1	0	1	0	1	3	1	8
Red Flour Beetle	1	1	1	0	0	0	0	1	1	2	1	0	8
Booklice	0	0	0	0	0	0	0	2	2	3	0	0	7
Humpbacked Flies	0	0	2	0	0	1	1	1	1	1	0	0	7
Springtails	0	0	2	0	2	0	2	0	0	0	0	1	7
Wolf Spiders	0	0	0	0	2	0	0	0	2	2	1	0	7
Casemaking Clothes Moth	0	1	0	0	1	1	0	0	1	1	1	0	6
German Cockroach	1	0	1	0	0	0	1	0	0	2	1	0	6
Larger Yellow Ant	0	0	1	4	1	0	0	0	0	0	0	0	6
Longhorned Beetles	0	1	0	1	1	1	2	0	0	0	0	0	6
Moth Flies	0	1	0	1	0	1	2	1	0	0	0	0	6

MOST FREQUENTLY RECEIVED ARTHROPODS

Household

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Bird Mites	0	0	0	0	2	3	0	0	0	0	0	0	5
Crematogaster Ants	0	0	0	0	0	1	0	2	0	2	0	0	5
Leafcutting Bees	0	0	0	1	0	2	0	2	0	0	0	0	5
Pavement Ant	0	1	0	0	1	1	0	0	1	0	1	0	5
Small Fruit Flies	0	0	0	1	0	1	0	1	1	0	1	0	5
Soldier Flies	0	0	0	0	2	0	0	0	1	2	0	0	5
Yellow Mealworm	0	0	0	0	0	0	1	2	1	1	0	0	5
Bark Beetles	0	1	2	1	0	0	0	0	0	0	0	0	4
Boxelder Bug	1	0	1	0	0	1	1	0	0	0	0	0	4
Camel Crickets	0	0	0	0	0	1	0	0	0	1	2	0	4
Carolina Wolf Spider	0	0	0	0	0	2	0	0	2	0	0	0	4
Cluster Fly	0	0	1	1	0	0	0	0	0	1	1	0	4
European Earwig	0	0	0	0	0	1	2	0	1	0	0	0	4
Foreign Grain Beetle	0	0	0	0	0	0	1	1	2	0	0	0	4
Meal Moth	0	1	1	0	0	0	0	0	2	0	0	0	4
No Insects Found	0	0	0	0	0	1	0	0	0	1	2	0	4

RECEIVED 3 TIMES

American Cockroach	Asiatic Oak Weevil
Bat Bugs	Burrower Bugs
Carpenter Bees	Click Beetles
Clover Mite	Face Fly
Fleas	Green June Beetle
Horsehair Worms	Lesser Mealworm
Mediterranean Flour Moth	Noctuid Moths
Organpipe Muddaubers	Oriental Cockroach
Soldier Beetles	Twotoothed Grain Beetle
Wood Roaches	

RECEIVED 2 TIMES

American Spider Beetle	Ants
Aphids	Backswimmers

MOST FREQUENTLY RECEIVED ARTHROPODS

Household

Banded Hickory Borer
 Bed Bug
 Braconid Wasps
 Caddisflies
 Combclawed Beetles
 Dance Flies
 Elm Leaf Beetle
 Funnel-Web Weavers
 Ichneumon Wasps
 Mayflies
 Moths
 Paratrechina Ants
 Pine Sawyers
 Sphecid Wasps
 Yellowjackets

Bean Weevil
 Black Vine Weevil
 Branch And Twig Borers
 Carrion Beetles
 Culex Mosquitoes
 Dark Mealworm
 European Hornet
 House Centipede
 Lasius Ants
 Millipedes
 Not An Insect
 Pharaoh Ant
 Scarab Beetles
 Spider Wasps

RECEIVED 1 TIME

Amaurobiid Spiders
 Angoumois Grain Moth
 Antlike Flower Beetles
 Baldfaced Hornet
 Black Larder Beetle
 Brown Lacewings
 Centipedes
 Cockroaches
 Confused Flour Beetle
 Crane Flies
 Ctenuchid Moths
 Darkling Beetles
 Drugstore Beetle
 Eastern Subterranean Termite
 Flat Bark Beetles
 Fungus Gnats
 Grain Mite
 Hickory Tussock Moth
 Ichneumon Wasps
 Jumping Spiders
 Larder Beetle
 Mason Wasps
 Metallic Wood Borers
 Murkymeal Moth
 Mydas Flies
 Northern Widow
 Paper Wasps
 Prenolepis Ants
 Psyllids
 Rice Weevil
 Sac Spiders
 Scorpions
 Silverfish

American Dog Tick
 Anobiid Beetles
 Aphid Wasps
 Bess Beetles
 Black Widow Spider
 Cat Flea
 Clover Hayworm
 Combclawed Spiders
 Could Not Diagnose
 Crickets
 Daddy Longleg Spiders
 Dobsonfly
 Eastern Hercules Beetle
 European Grain Moth
 Formica Ants
 Fungus Weevils
 Hairy Fungus Beetle
 Hoplia Beetles
 Ivorymarked Beetle
 Lady Beetles
 Marbled Spider
 May Beetles
 Minute Brown Scavenger Beetles
 Muscid Flies
 Negro Bugs
 Notodontid Moths
 Pinhole Borers
 Psocids
 Pyralid Moths
 Roundheaded Borers
 Sap Beetles
 Shining Flower Beetles
 Slugs

MOST FREQUENTLY RECEIVED ARTHROPODS

Household

Small Fruit Flies
Sphinx Moths
Tachinid Flies
Threadwaisted Wasps
Treehoppers
Twicestabbed Lady Beetle
Velvet Mites
Wharf Borer
Whitefringed Beetles

Sowbugs
Stiltlegged Flies
Tanbark Borer
Thrips
True Bugs
Twospotted Lady Beetle
Weevils
Wheel Bug
Window Flies

MOST FREQUENTLY RECEIVED ARTHROPODS

General

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Great Leopard Moth	0	0	0	0	0	2	3	0	0	0	0	0	5
Horsehair Worms	0	0	0	0	2	2	0	0	0	0	0	0	4

RECEIVED 3 TIMES

Praying Mantids

RECEIVED 2 TIMES

Cecropia Moth
 Darkwinged Fungus Gnats
 European Hornet
 Insect Eggs
 Moths

Colletid Bees
 Eastern Hercules Beetle
 Fourlined Plant Bug
 Marbled Spider
 Sphinx Moths

RECEIVED 1 TIME

Abbot'S Sphinx
 Asparagus Beetle
 Buck Moth
 Bumblebee Moth
 Carolina Wolf Spider
 Chalcid Wasps
 Crayfish
 Digger Bees
 Geometrid Moths
 Ichneumon Wasps
 Leaffooted Bugs
 Locust Borer
 Northern Widow
 Rattailed Maggots
 Snowfleas
 Soldier Beetles
 Springtails
 Swallowtail Butterflies
 Thrips
 Velleda Lappet Moth
 Wolf Spiders

Allegheny Mound Ant
 Bee Flies
 Bumble Bees
 Butterflies
 Casebearers
 Cicadas
 Darkling Beetles
 Dragonflies
 Hickory Tussock Moth
 Leaf Beetles
 Limacodid Moths
 Louse Flies
 Not An Insect
 Shamrock Spider
 Softwinged Flower Beetles
 Spiders
 Stink Bugs
 Termites
 Tiger Swallowtail
 Velvet Ants

MOST FREQUENTLY RECEIVED ARTHROPODS

Veg. | Field crops

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Stink Bugs	0	0	0	0	0	0	3	8	4	2	0	0	17
Twospotted Spider Mite	0	0	0	0	1	0	8	0	0	0	0	0	9
Aphids	0	0	0	0	0	1	5	1	0	0	0	0	7
Could Not Diagnose	0	0	0	0	0	3	2	1	0	1	0	0	7
Flea Beetles	0	0	0	0	4	1	1	0	1	0	0	0	7
Spider Mites	0	0	0	0	3	0	0	2	2	0	0	0	7
Thrips	0	0	0	0	1	3	0	0	1	0	0	0	5
Western Corn Rootworm	0	0	0	0	0	0	3	2	0	0	0	0	5
Mexican Bean Beetle	0	0	0	0	0	0	1	1	2	0	0	0	4
Squash Vine Borer	0	0	0	0	0	1	3	0	0	0	0	0	4
Stalk Borer	0	0	0	0	2	1	0	1	0	0	0	0	4

RECEIVED 3 TIMES

Margined Blister Beetle
Seedcorn Maggot

No Insects Found

RECEIVED 2 TIMES

Cabbage Maggot
Corn Earworm
European Corn Borer
Harlequin Bug
Lady Beetles
Not An Insect
Rhubarb Curculio
Squash Bug
Whiteflies

Carrot Beetle
Corn Sap Beetle
Fall Armyworm
Imported Cabbageworm
Northern Corn Rootworm
Onion Thrips
Rove Beetles
Tobacco Hornworm
Wireworms

RECEIVED 1 TIME

Armyworm
Bean Leaf Beetle
Brown Stink Bug
Damsel Bugs
Green June Beetle
Hessian Fly
Japanese Weevil

Asparagus Beetle
Black Swallowtail
Corn Root Aphid
Fourlined Plant Bug
Ground Beetles
Io Moth
Leafhoppers

MOST FREQUENTLY RECEIVED ARTHROPODS

Veg. | Field crops

Leafrolling Crickets
Maize Weevil
Planthoppers
Potato Tuberworm
Root Maggots
Stable Fly
Tiger Swallowtail
Tortoise Beetles
Velvet Ants

Little House Fly
Negro Bugs
Potato Leafhopper
Root Aphids
Southern Corn Billbug
Tiger Beetles
Tomato Hornworm
Underwing Moths
Whitefringed Beetles

MOST FREQUENTLY RECEIVED ARTHROPODS

Fruits and nuts

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Apple Maggot	0	0	0	0	0	0	1	0	2	2	0	0	5
European Red Mite	0	0	0	0	0	4	1	0	0	0	0	0	5
Not An Insect	1	0	1	1	0	1	0	0	1	0	0	0	5
Aphids	0	0	0	0	0	1	1	2	0	0	0	0	4
Oriental Fruit Moth	0	0	0	0	2	0	1	0	0	0	0	1	4
Plum Curculio	0	0	0	0	1	1	1	0	1	0	0	0	4
Rose Chafer	0	0	0	0	3	1	0	0	0	0	0	0	4
San Jose Scale	0	0	2	0	0	1	0	0	1	0	0	0	4

RECEIVED 3 TIMES

Codling Moth
Grape Phylloxera

Could Not Diagnose
No Insects Found

RECEIVED 2 TIMES

Grape Berry Moth
Katydid
Peachtree Borer
Pyralid Moths
Soldier Beetles
Stink Bugs

Grape Blistergall
Lightningbugs
Pecan Weevil
Rednecked Cane Borer
Spider Mites
White Peach Scale

RECEIVED 1 TIME

Anthomyiid Flies
Apple Rust Mite
Blackberry Psyllid
Chestnut Weevils
Eastern Tent Caterpillar
European Hornet
Gall Midges
Grape Tomato Gall
Great Leopard Moth
Longhorned Beetles
Noctuid Moths
Parasitic Wasps
Praying Mantids
Scarab Beetles
Stag Beetles
Twig Girdler

Apple Leafminer
Azalea Stem Borer
Chalcid Wasps
Cicada Killer
European Corn Borer
Flatheaded Appletree Borer
Grape Scale
Grape Tube Gall
Hickory Tussock Moth
March Flies
Pandora Sphinx
Pear Psylla
Redhumped Caterpillar
Sphinx Moths
Syrphid Flies
Twospotted Spider Mite

MOST FREQUENTLY RECEIVED ARTHROPODS

Fruits and nuts

Unicorn Caterpillar
Weevils

Walnut Caterpillar
Yellownecked Caterpillar

MOST FREQUENTLY RECEIVED ARTHROPODS

Lawns and turf

	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Green June Beetle	0	0	0	0	0	0	0	0	1	4	0	0	5
Cicada Killer	0	0	1	0	0	0	0	3	0	0	0	0	4

RECEIVED 3 TIMES

Scoliid Wasps
Velvet Ants

Threadwaisted Wasps

RECEIVED 2 TIMES

Carpenter Ants
Polyphemus MothEastern Hercules Beetle
Tiger Beetles

RECEIVED 1 TIME

Chinch Bug
European Earwig
Formica Ants
Japanese Beetle
Lasius Ants
March Flies
Negro Bugs
Paper Wasps
Sod Webworms
Southern Masked Chafer
Tiger SwallowtailDobsonfly
European Hornet
Hairy Mygalomorphs
Larger Yellow Ant
Lone Star Tick
Moths
Not An Insect
Plant Bugs
Soldier Beetles
Sphinx Moths
Tiphid Wasps

MOST FREQUENTLY RECEIVED ARTHROPODS

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

No Insects Found	0	0	3	0	0	3	0	0	1	0	1	0	8

RECEIVED 3 TIMES

American Dog Tick	Crab Louse
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RECEIVED 2 TIMES

Bumble Bees	Lone Star Tick
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RECEIVED 1 TIME

Biting Midges Darkwinged Fungus Gnats Ichneumon Wasps Leaf Beetles Seedcorn Maggot Sweat Bees Wheel Bug	Booklice Horse Flies Itch Mite Paper Wasps Springtails Thrips Yellowjackets
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MOST FREQUENTLY RECEIVED ARTHROPODS

Animal

RECEIVED 2 TIMES

Soldier Flies

Yellow Mealworm

RECEIVED 1 TIME

Dark Mealworm

Stable Fly

COUNTY SUMMARY

COUNTY	SPECIMENS
-----	-----
Albemarle	27
Alexandria(IC)	14
Alleghany	32
Amelia	23
Amherst	4
Appomattox	9
Arlington	26
Augusta	31
Bath	9
Bedford	37
Bland	3
Botetourt	16
Brunswick	7
Buckingham	3
Campbell	15
Caroline	33
Carroll	34
Charles City	13
Charlotte	13
Chesapeake(IC)	39
Chesterfield	15
Clarke	13
Craig	5
Culpeper	6
Cumberland	2
Danville(IC)	15
Dickenson	16
Dinwiddie	14
Essex	1
Fairfax	8
Fauquier	23
Floyd	5
Fluvanna	9
Franklin	22
Frederick	46
Giles	4
Gloucester	6
Goochland	1
Grayson	4
Greene	7
Greensville	1
Halifax	9
Hampton(IC)	15
Hanover	53
Henrico	28
Henry	35
Highland	18
Isle of Wight	15
James City	46
King and Queen	4
King George	21
Lancaster	5
Lee	9
Loudoun	12
Louisa	9
Lunenburg	21

COUNTY SUMMARY

COUNTY	SPECIMENS
-----	-----
Lynchburg(IC)	34
Madison	15
Mathews	10
Mecklenberg	3
Middlesex	5
Montgomery	22
Nelson	1
New Kent	6
Newport News (IC)	1
Newport News(IC)	11
Norfolk(IC)	5
Northampton	1
Nottoway	16
Orange	13
Page	5
Patrick	10
Petersburg(IC)	5
Pittsylvania	5
Powhatan	6
Prince Edward	18
Prince George	12
Prince William	42
Pulaski	14
Rappahannock	28
Richmond	5
Richmond(IC)	3
Roanoke	20
Roanoke(IC)	6
Rockbridge	8
Rockingham	34
Russell	1
Scott	13
Shenandoah	15
Smyth	5
Southampton	2
Spotsylvania	8
Stafford	37
Surry	5
Sussex	7
Tazewell	14
Warren	24
Washington	6
Westmoreland	25
Wythe	11
York	4
	1452

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