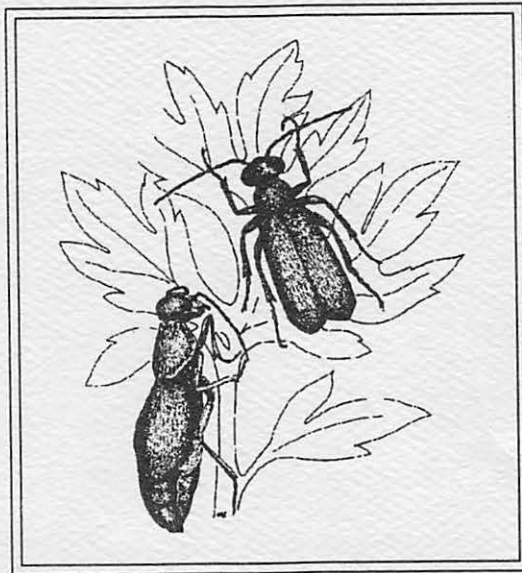


Insect Identification Laboratory

ANNUAL REPORT 1991



Department of Entomology
College of Agriculture and Life Sciences

 Virginia
Cooperative
Extension
Virginia Tech • Virginia State

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 Tech
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AND STATE UNIVERSITY

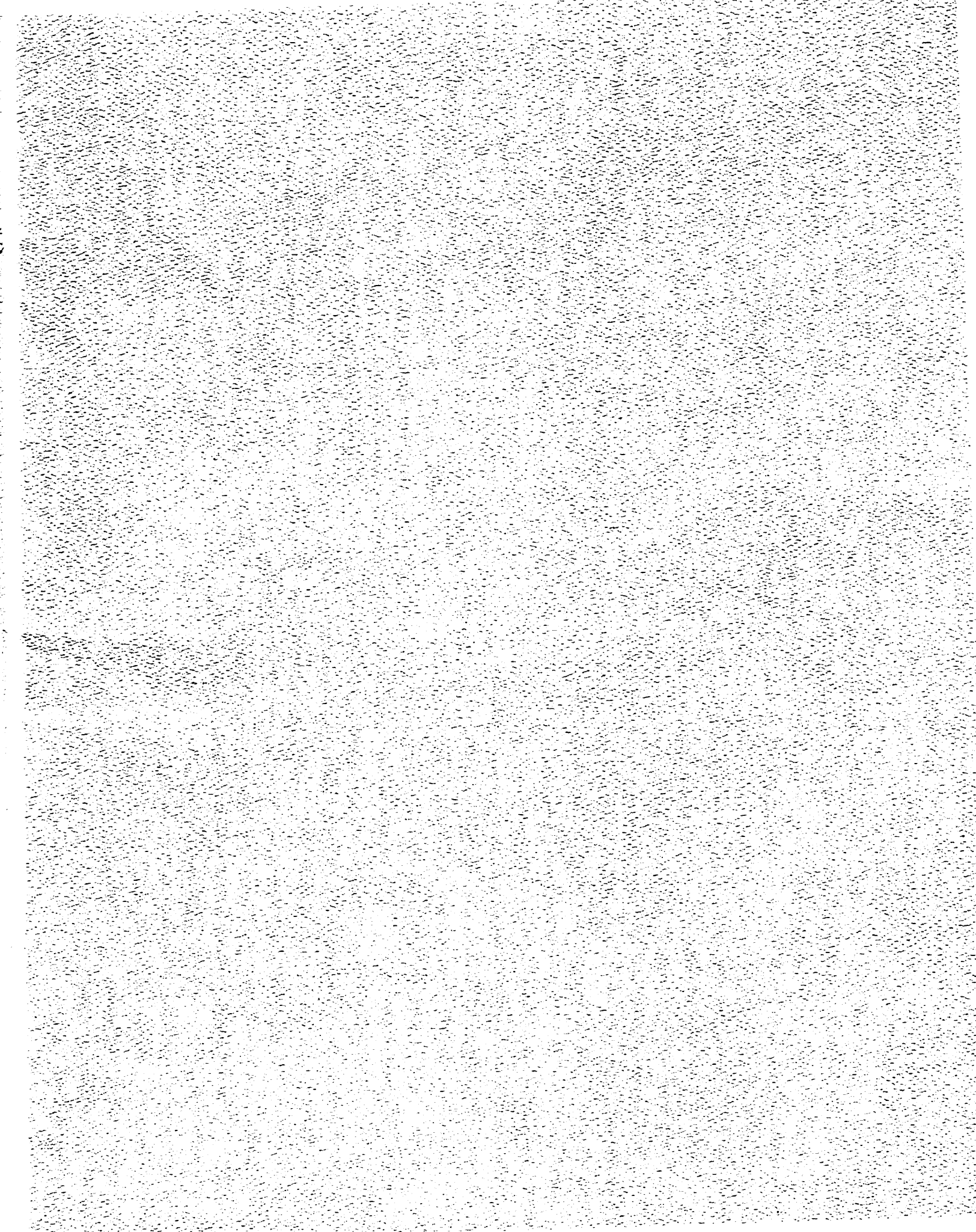


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*Prepared by
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INTRODUCTION

This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 1991. The laboratory is located in 312 Price Hall. It is managed by Eric Day, Lab Specialist, and F. William Ravlin, Extension Entomologist, Department of Entomology.

Specimens are identified and recorded in the lab, then sent for control recommendations and additional comments to Extension Entomologists who handle particular commodity groups. 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 became available for access by county agents to check on samples being processed. Access to this program is provided through the Extension network (XNET). The data base was queried approximately 200 times in 1991. 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 then asks a series of questions to select the proper data set for their search and compose the actual search query. This program assists agents in making identifications in their offices based on previous samples and it also is helpful in obtaining usage counts for annual reports. A manual detailing this program was sent to all county offices. Additional copies are available from the Insect Identification Laboratory and in the October 1987 issue of the Plant Protection Newsletter (Vol. 7, No. 10).

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

Insect Identification Laboratory
Extension Entomology
312 Price Hall, VPI and SU
Blacksburg, VA 24061-0319
(703) 231-4899

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

A total of 1,874 requests were received in 1991. The requests came from the following categories:

County Extension Agents	84%
Virginia Dept. of Agriculture and Consumer Serv.	1%
VPI Experiment Stations	1%
VPI Entomology Department	1%
Walk-in (General Public)	11%
Mail-in (General Public)	2%

Identification requests from homeowners accounted for 58 percent of the total, 42 percent were from commercial growers and farmers, urban pest control operators, physicians, and unspecified sources. Control recommendations were requested in 75 percent of the cases.

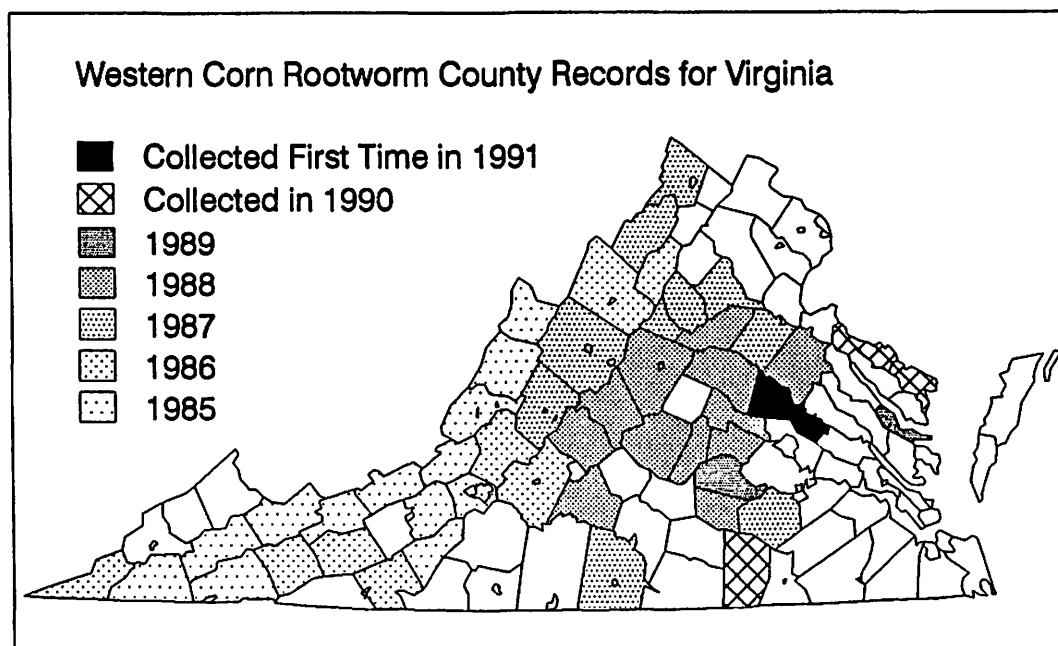
Insect Surveys conducted in 1991

Asian Tiger Mosquito, *Aedes albopictus*: Tire stores and tire dumps were surveyed in rural sections in the counties of Patrick and Henry and in the towns of Stuart and Axton. Sites were checked for both adult mosquitoes and larvae. No *Aedes albopictus* were found in these sites. *Aedes albopictus* was found in the City of Virginia Beach by Dreda McCreary in June and in August suspect mosquitoes were sent to the IIL from Nottoway county and were site collected and confirmed as *Aedes albopictus*.

Western Corn Rootworm, *Diabrotica virgifera*: Most of the counties east of I-95 and east of US 301 were surveyed as well as a few central portions of the commonwealth. Fields planted to continuous corn as well as volunteer corn in soybean fields were checked for adult beetles. *Diabrotica virgifera* was found only in Hanover County for the first time. *D. virgifera* has already been found in much of the central and western portions of the commonwealth during surveys conducted in past years. See map. See the Plant Protection Newsletter, Vol. 8, No. 8, September 1989 and Vol. 9, No. 7, October 1990.

Corn Earworm, *Helioverpa zea*: Most of the counties east of I-95 and east of US 301 were surveyed during the week of July 21st. In that region 53 percent of the ears of corn had at least one corn earworm larva present. See Pest Management Report, Vol. 8, No. 2.

Previous Surveys: Corn Earworm, *Heliothis zea*, Survey (1974-1991); Western Corn Rootworm, *Diabrotica virgifera* (1985, 1987-91); Asian Tiger Mosquito, *Aedes albopictus* (1988-1991).



Persons providing identifications and/or control recommendations:

Identifications and control recommendations covering most commodities performed by:

Mr. Eric R. Day
Manager, Insect Identification Laboratory

Timely and valuable identifications and/or control recommendations were also provided by:

Dr. Donald G. Cochran
Professor of Entomology

Cockroaches

Dr. Richard D. Fell
Assoc. Professor of Entomology

Apiculture and Stinging Insects

Dr. Ames Herbert
Assistant Professor

Soybeans, Small grains,
Peanuts, and cotton

Dr. Michael Kosztarab
Professor of Entomology

Scale Insects

Dr. John M. Luna.
Assistant Professor

Alfalfa

Dr. Douglas G. Pfeiffer
Associate Professor

Fruit and Nuts

Dr. R. L. Pienkowski
Professor of Entomology

Stored Grain Pests

Dr. F. William Ravlin
Associate Professor of Entomology

Gypsy Moths

Dr. William H Robinson
Professor of Entomology

Household and Structural Wood,
Lawn and Turf, Human

Dr. Peter Schultz
Associate Professor

Ornamentals

Dr. Paul J. Semtner
Associate Professor

Tobacco

Dr. E. C. Turner
Professor of Entomology

Medically Important
Insects

Dr. John A. Weidhaas, Jr.
Associate Professor

Ornamentals and Vegetables

Dr. Roger Youngman
Assistant Professor

Corn, Small grains, and Livestock

Dr. Geoff Zehnder
Assistant Professor

Commercial Vegetable Crops

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 Exotic Pest Surveys, Numbers of Traps Examined	Specimens sent to the Systematic Entomology Laboratory, USDA at Beltsville, MD*
1967	318	a	a
1968	984	a	a
1969	1104	a	a
1970	1245	a	a
1971	1276	a	100b
1972	970	a	516
1973	1124	a	184
1974	1264	a	316
1975	1430	a	160
1976	1437	a	223
1977	1365	a	282
1978	1351	a	89
1979	1770	a	120
1980	1527	a	23
1981	2028	a	89
1982	2004	a	100
1983	1815	a	36
1984	1745	a	45
1985	1730	a	20
1986	1537	62	16
1987	1731	0	32
1988	1719	69	15
1989	1877	145	10
1990	1629	120	37
1991	1874	120	23
TOTAL	36854	516	2436

a Service not previously provided.

b Estimated

* Includes specimens sent to other taxonomists at other institutions

COUNTY SUMMARY

COUNTY	SPECIMENS
Accomack	0
Albemarle	64
Alexandria(IC)	0
Alleghany	14
Amelia	4
Amherst	10
Appomattox	7
Arlington	34
Augusta	55
Bath	8
Bedford	14
Bland	2
Botetourt	15
Brunswick	2
Buchanan	6
Buckingham	6
Campbell	3
Caroline	6
Carroll	34
Charles City	14
Charlotte	12
Chesapeake(IC)	8
Chesterfield	64
Clarke	18
Craig	8
Culpeper	8
Cumberland	8
Danville(IC)	11
Dickenson	17
Dinwiddie	8
Essex	5
Fairfax	21
Fauquier	32
Floyd	10
Fluvanna	20
Franklin	15
Frederick	32
Giles	16
Gloucester	3
Goochland	0
Grayson	5
Greene	14
Greensville	7
Halifax	8
Hampton(IC)	23
Hanover	54
Henrico	20
Henry	23
Highland	10
Isle of Wight	12
James City	86
King and Queen	17
King George	10
King William	1

COUNTY SUMMARY CONTINUED

COUNTY	SPECIMENS
Lancaster	24
Lee	7
Loudoun	17
Louisa	1
Lunenburg	14
Lynchburg(IC)	63
Madison	11
Mathews	30
Mecklenberg	2
Middlesex	3
Montgomery	197
Nelson	8
New Kent	3
Newport News(IC)	19
Norfolk(IC)	7
Northampton	0
Northumberland	10
Nottoway	14
Orange	15
Page	22
Patrick	19
Petersburg(IC)	1
Pittsylvania	15
Powhatan	8
Prince Edward	12
Prince George	18
Prince William	54
Pulaski	4
Rappahannock	6
Richmond	3
Richmond(IC)	1
Roanoke	16
Roanoke(IC)	17
Rockbridge	7
Rockingham	55
Russell	8
Scott	3
Shenandoah	22
Smyth	3
Southampton	8
Spotsylvania	6
Stafford	22
Suffolk(IC)	5
Surry	6
Sussex	2
Tazewell	17
Virginia Beach(IC)	20
Warren	44
Washington	14
Westmoreland	37
Wise	4
Wythe	6
York	40
Total	1874

SPECIMENS RECEIVED BY THE INSECT IDENTIFICATION LABORATORY IN 1991

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	% OF TOTAL
Ornamentals, Shade trees	24	16	29	67	148	159	115	104	61	32	30	21	806	43.0%
Household	12	12	18	32	27	51	36	33	17	15	16	7	276	14.7%
General	1	4	2	5	13	11	19	14	10	9	7	4	99	5.3%
Vegetables, Field Crops, Forage	2	1	4	16	13	39	33	17	7	9	9	6	156	8.3%
Fruits and nuts	2	2	1	13	25	32	28	13	9	4	5	12	146	7.8%
Lawns and turf	1	0	2	3	5	4	2	12	6	4	0	0	39	2.1%
Human	0	0	2	10	27	19	11	13	12	5	0	0	99	5.3%
Animal	0	1	0	0	2	3	1	0	0	2	0	4	13	0.7%
Structural	1	1	10	20	12	16	11	7	5	2	10	4	99	5.3%
Apicultural	0	0	0	0	0	0	1	0	0	0	0	0	1	0.1%
Stored Products	6	8	15	19	9	13	11	8	15	16	15	5	140	7.5%
	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	49	45	83	185	281	347	268	221	142	98	92	63	1874	
% OF TOTAL	2.6%	2.4%	4.4%	9.9%	15.0%	18.5%	14.3%	11.8%	7.6%	5.2%	4.9%	3.4%		

INSECTS RECEIVED: ORNAMENTAL

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Spruce Mite	2	1	1	4	1	5	6	5	0	2	1	0	28
Pine Bark Adelgid	1	1	4	5	7	5	1	0	0	0	0	0	24
No Insects Found	0	0	0	2	2	5	5	0	3	1	2	1	21
Bark Beetles	0	0	0	1	2	8	2	2	2	1	0	0	18
White Pine Weevil	0	0	0	0	0	6	7	4	1	0	0	0	18
Leafhoppers	0	0	0	0	5	5	5	1	1	0	0	0	17
Thrips	0	1	1	1	6	4	2	0	0	0	1	0	16
European Hornet	0	2	0	2	1	0	0	2	2	0	1	2	12
Twospotted Spider Mite	0	1	2	0	3	2	1	1	0	0	1	1	12
Aphids	0	0	0	0	3	4	0	1	0	0	1	0	9
Nantucket Pine Tip Moth	0	0	0	0	0	3	5	0	1	0	0	0	9
Boxwood Mite	0	0	0	2	1	1	2	0	1	1	0	0	8
Euonymus Scale	0	0	0	0	0	4	0	0	2	0	2	0	8
Juniper Scale	1	1	1	0	1	3	0	0	0	0	0	1	8
Oak Skeletonizer	0	0	0	0	1	1	0	3	3	0	0	0	8
Pales Weevil	1	0	0	1	3	0	1	0	0	0	1	1	8
Spider Mites	0	0	0	0	1	1	3	2	1	0	0	0	8
White Pine Aphid	2	1	2	1	0	2	0	0	0	0	0	0	8
Caterpillars	0	0	0	1	1	0	0	3	1	0	0	1	7
Cottony Camellia Scale	0	0	1	0	3	1	2	0	0	0	0	0	7
Flower Thrips	0	0	0	0	3	2	0	1	0	1	0	0	7
Not An Insect	0	0	1	1	2	1	1	1	0	0	0	0	7
Oak Aphids	0	0	0	0	5	0	0	2	0	0	0	0	7
Bagworm	0	1	1	1	0	0	2	1	0	0	0	0	6
Hemispherical Scale	0	0	2	1	1	0	0	1	0	0	0	1	6
Japanese Beetle	0	0	0	1	0	0	1	2	2	0	0	0	6
Leaf Beetles	0	0	0	0	1	2	0	2	0	1	0	0	6
White Peach Scale	2	1	0	0	0	0	0	0	2	0	1	0	6
Allegheny Mound Ant	0	0	1	1	2	0	1	0	0	0	0	0	5
Azalea Caterpillar	0	0	0	0	0	0	0	1	3	1	0	0	5
Black Vine Weevil	1	0	0	1	1	1	1	0	0	0	0	0	5
Borers	0	0	0	0	3	0	0	0	2	0	0	0	5
Buck Moth	0	0	0	0	3	2	0	0	0	0	0	0	5
Dogwood Borer	0	0	0	0	1	3	0	1	0	0	0	0	5
Hackberry Leafslug	0	0	0	0	0	0	0	3	2	0	0	0	5
Horned Oak Gall	0	0	0	1	1	1	1	1	0	0	0	0	5
Mulberry Whitefly	0	0	0	0	0	0	1	3	1	0	0	0	5
Oak Button Galls	0	0	0	0	1	2	1	0	0	1	0	0	5
Rhododendron Lace Bug	0	1	1	1	0	0	1	0	0	0	1	0	5
Southern Red Mite	0	0	0	0	2	1	1	0	0	0	0	1	5

Ornamental	INSECTS RECEIVED												
	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Stalk Borer	0	0	0	0	0	1	3	1	0	0	0	0	5
Yellownecked Caterpillar	0	0	0	0	0	0	3	2	0	0	0	0	5
Azalea Stem Borer	1	0	0	0	0	0	1	0	1	0	1	0	4
Boxwood Leafminer	0	0	0	1	2	0	0	0	0	1	0	0	4
Boxwood Psyllid	0	0	0	1	0	1	1	0	0	1	0	0	4
Fall Webworm	0	0	0	0	0	2	0	1	1	0	0	0	4
Fungus Gnats	0	1	0	2	0	0	1	0	0	0	0	0	4
Gloomy Scale	0	0	0	0	2	2	0	0	0	0	0	0	4
Lilac Borer	0	0	0	1	0	2	1	0	0	0	0	0	4
Locust Leafminer	0	0	0	0	1	1	2	0	0	0	0	0	4
Magnolia Scale	0	0	0	0	2	1	1	0	0	0	0	0	4
Oystershell Scale	0	0	1	0	0	0	0	1	1	0	0	1	4
Stink Bugs	0	0	0	1	0	2	0	1	0	0	0	0	4

RECEIVED 3 TIMES

Azalea Lace Bug	Barberry Webworm
Black Scale	Brown Soft Scale
Carpenterworm	Cottony Maple Scale
Cranberry Rootworm	Cyclamen Mite
Eastern Subterranean Termite	Flesh Fly
Fourlined Plant Bug	Gall Mites
Hemlock Woolly Adelgid	Hickory Leaf Stem Gall
Larger Elm Leaf Beetle	Mealybugs
Millipedes	Needle Sheath Mites
Oak Lace Bug	Oak Spider Mite
Obscure Scale	Oribatid Mites
Pine Needle Scale	Pine Sawyers
Pine Shoot Gall Sawfly	Pinkstriped Oakworm
Rhododendron Borer	Slugs
Tachinid Flies	Tilehorned Prionus
Tussock Moths	Vein Pocket Gall
Wax Scale	

RECEIVED 2 TIMES

Beech Erineum	Birch Aphid
Braconid Wasps	Broadnecked Root Borer
Bronze Birch Borer	Bulb Mite
Butterflies	Calico Scale
Cedar Leafminer	Checkered Beetles
Chinese Mantid	Darkling Beetles
Darkwinged Fungus Gnats	Eastern Hercules Beetle
Eastern Tent Caterpillar	European Pine Shoot Moth
Fall Cankerworm	Flat Bark Beetles
Flatid Planthoppers	Greenhouse Whitefly
Introduced Pine Sawfly	Katyids
Leaf Skeletonizers	Leafcutting Bees
Maple Bladdergall	Maple Petiole Borer
Maple Spindlegall	Maskell Scale
Oak Lecanium	Oak Treehopper
Pitch Mass Borer	Plant Bugs
Polyphemus Moth	Psocids
River Birch Aphid	Rove Beetles
Sap Beetles	Sassafras Weevil
Scoliid Wasps	Seedcorn Maggot
Shore Flies	Smaller Yellow Ant
Soft Scales	Sphecid Wasps
Spruce Aphid	Sycamore Lace Bug
Termites	Tuliptree Scale
Underwing Moths	Wasp Galls
Whiteflies	Woolly Apple Aphid
Yucca Plant Bug	

INSECTS RECEIVED

Ornamental

RECEIVED 1 TIME

Acorn Weevils
 Ambrosia Beetles
 Andromeda Lace Bug
 Apple Twig Borer
 Assassin Bugs
 Baldcypress Sapwood Borer
 Balsam Woolly Adelgid
 Bed Bug
 Birch Leafminer
 Black Swallowtail
 Boissduval Scale
 Boxelder Twig Borer
 Broadnosed Bark Weevil
 Bush Cricket
 Cambium Miner
 Cecropia Moth
 Citrus Flatid Planthopper
 Clearwing Moths
 Clover Mite
 Composite Thrips
 Could Not Diagnose
 Curvedlined Looper
 Dogwood Clubgall Midge
 Dung Beetles
 Eastern Pine Looper
 Elm Sackgall Aphid
 Elongate Hemlock Scale
 Erineum Galls
 European Birch Aphid
 Fern Scale
 Formica Ants
 Gall Midges
 Geometrid Moths
 Goldsmith Beetle
 Grape Root Borer
 Green June Beetle
 Gregarious Oak Leafminer
 Gypsy Moth
 Hag Moth
 Hawthorn Lace Bug
 Hickory Phylloxera Galls
 Honeydew
 Hoplia Beetles
 Insect Eggs
 Ips Engraver Beetles
 June Beetles
 Juniper Webworm
 Lady Beetles
 Latania Scale
 Leafrolling Crickets
 Leafy Bud Gall
 Longhorned Beetles
 Lurid Dicerca
 Melon Aphid
 Mimosa Webworm
 Oak Eriococcid
 Orangestriped Oakworm
 Parasitic Wasps
 Peachtree Borer
 Phylloxerans
 Pine Aphids
 Pine Scurfy Scale
 Pine Webworm
 Pole Borer
 Potato Leafhopper
 Privet Rust Mite
 Puss Caterpillar
 Raspberry Cane Borer
 Red And Black Stink Bug
 Red Spruce Adelgid
 Redheaded Pine Sawfly
 Root Maggots
 Rose Stem Sawfly
 Scale Insects
 Sharpshooter
 Signate Melanolophia
 Soldier Beetles
 Sooty Mold
 Spongy Oak Gall
 Sweetgum Bark Beetle
 Sycamore Seed Bug
 Tip Moth
 Tulip Bulb Aphid
 Vagabond Poplar Gall
 Variegated Cutworm
 Adelgids
 American Dagger Moth
 Aphidlions
 Arborvitae Leafminer
 Azalea Whitefly
 Balsam Twig Aphid
 Bean Aphid
 Beech Leaf-tier
 Black Carpenter Ant
 Blister Beetles
 Boxelder Bug
 Branch And Twig Borers
 Buffalo Treehopper
 Butternut Woollyworm
 Catalpa Sphinx
 Centipedes
 Citrus Whitefly
 Climbing Cutworms
 Columbine Leafminer
 Cooley Spruce Gall Adelgid
 Grape Myrtle Aphid
 Dagger Moth
 Dryophanta Oak Gall
 Earwigs
 Elm Leaf Beetle
 Elm Spanworm
 Encyrtid Wasps
 Eriophyid Mites
 European Fruit Lecanium
 Florida Red Scale
 Fuller Rose Beetle
 Gallworm
 Gladiolus Thrips
 Gouty Oak Gall
 Greedy Scale
 Greenstriped Mapleworm
 Ground Beetles
 Hackberry Button Gall
 Harlequin Bug
 Hemlock Rust Mite
 Hickory Tube Gall
 Honeylocust Plant Bug
 Ichneumon Wasps
 Io Moth
 Iris Borer
 Juniper Aphids
 Lace Bugs
 Lappet Moths
 Leafrollers
 Leafrolling Weevils
 Lepidosaphes Scale
 Longhorned Grasshoppers
 Megarhyssa Wasp
 Midrib Tumor Gall
 Noctuid Moths
 Oak Leafrolling Weevil
 Orb Weavers
 Paria Leaf Beetles
 Pesticide Burn
 Picturewing Fly
 Pine Sawflies
 Pine Spittlebug
 Plum Curculio
 Poplar Tentmaker
 Praying Mantids
 Psyllids
 Pyracantha Webworm
 Rattailed Maggots
 Red Oak Borer
 Redheaded Ash Borer
 Rhabdopterus Beetles
 Root Weevil
 Roundheaded Borers
 Scentless Plant Bugs
 Shothole Borer
 Skiff Caterpillar
 Solitary Oak Leafminer
 Spirea Aphid
 Springtails
 Sweetgum Scale
 Syrphid Flies
 Tree Crickets
 Twig Borer
 Variable Oakleaf Caterpillar
 Velvet Ants

INSECTS RECEIVED

Ornamental

Viceroy
 Wheel Bug
 Willow Scurfy Scale
 Wireworms
 Wood Roaches
 Woolly Alder Aphid

Webworms
 Whitefringed Beetles
 Willow Spider Mite
 Witch-Hazel Leafgall Aphid
 Wool Sower Gall
 Woolly Fold Gall

INSECTS RECEIVED: HOUSEHOLD

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Wood Roaches	1	0	0	4	8	11	1	2	0	0	0	0	27
Millipedes	3	1	0	0	1	5	6	0	0	0	0	0	16
Smaller Yellow Ant	0	1	2	0	1	2	0	0	0	2	8	0	16
Moth Flies	1	0	1	0	1	1	2	2	1	1	0	0	10
Clover Mite	0	2	4	2	0	0	0	0	0	0	0	0	8
Springtails	1	0	0	1	1	3	0	0	0	0	1	0	7
Sphecid Wasps	0	0	1	0	0	0	2	3	0	0	0	0	6
Blow Flies	0	0	1	3	0	1	0	0	0	0	0	0	5
Booklice	0	0	0	1	0	0	2	1	0	1	0	0	5
Cluster Fly	2	0	2	1	0	0	0	0	0	0	0	0	5
Crematogaster Ants	0	0	0	0	0	0	1	2	1	1	0	0	5
Foreign Grain Beetle	0	0	0	0	0	0	2	2	1	0	0	0	5
Pavement Ant	0	0	2	1	0	1	1	0	0	0	0	0	5
Soldier Flies	0	0	0	0	0	0	0	1	3	0	0	1	5
Formica Ants	0	0	1	0	1	2	0	0	0	0	0	0	4
House Fly	1	1	0	2	0	0	0	0	0	0	0	0	4
Spider Wasps	0	0	0	0	0	0	0	2	0	2	0	0	4
Spiders	0	0	0	0	0	3	1	0	0	0	0	0	4
Threadwaisted Wasps	0	0	1	1	0	0	1	0	1	0	0	0	4
Velvet Ants	0	0	0	0	0	0	2	2	0	0	0	0	4
Vinegar Flies	1	0	0	1	0	0	0	0	1	0	0	1	4

RECEIVED 3 TIMES

Bark Beetles
 Combclawed Spiders
 Eastern Yellowjacket
 Midges

Camel Crickets
 Earwigs
 European Hornet
 Tiphid Wasps

RECEIVED 2 TIMES

Baldfaced Hornet
 Carpenter Ants
 Crickets
 Face Fly
 Ground Beetles
 House Centipede
 Moths
 Orb Weavers
 Pseudoscorpions
 Soldier Beetles

Carolina Wolf Spider
 Clover Hayworm
 European Earwig
 Grass Carrier Wasp
 Horsehair Worms
 Longhorned Beetles
 Odorous House Ant
 Potter Wasps
 Smokybrown Cockroach
 Thrips

INSECTS RECEIVED

Household

RECEIVED 1 TIME

Allegheny Mound Ant
 Anobiid Beetles
 Assassin Bugs

American Cockroach
 Asiatic Oak Weevil
 Banded Hickory Borer

Bat Bugs
 Black Widow Spider
 Buck Moth
 Centipedes
 Cockroaches
 Could Not Diagnose
 Crane Flies
 Earthworms
 Fleas
 Green Bottle Fly
 Heleomyzid Flies
 Jumping Spiders
 Leaf Beetles
 Lone Star Tick
 Not An Insect
 Painted Hickory Borer
 Parasitic Wasps
 Plasterer Bees
 Red Carpenter Ant
 Small Honey Ant
 Sod Webworms
 Spined Bark Borer
 Tachinid Flies
 Tree Crickets
 Velvet Mites
 Wolf Spiders
 Yellowjackets

Black Turfgrass Ataenius
 Booklouse
 Cat Flea
 Click Beetles
 Comblawed Beetles
 Crab Spiders
 Cuckoo Wasps
 Elm Leaf Beetle
 Fungus Gnats
 Green June Beetle
 Hoptia Beetles
 Larger Yellow Ant
 Lesser Mealworm
 March Flies
 Oriental Cockroach
 Paper Wasps
 Pharaoh Ant
 Ptilodactylid Beetles
 Sheetweb Spiders
 Small Winter Stoneflies
 Sowbugs
 Spring Flower Beetles
 Tanbark Borer
 Twicestabbed Lady Beetle
 Winter Stoneflies
 Yellow Ants

INSECTS RECEIVED: GENERAL

RECEIVED 3 TIMES

Buck Moth
 Soldier Flies

Cicada Killer

RECEIVED 2 TIMES

Allegheny Mound Ant
 Carolina Wolf Spider
 Eyed Click Beetle
 Milkweed Moth
 Nymphalid Butterfly
 Predaceous Diving Beetles
 Tree Crickets

Aphidions
 Carpenter Ants
 Green June Beetle
 Moths
 Plasterer Bees
 Pseudoscorpions
 Velvet Ants

RECEIVED 1 TIME

Alderflies
 American Dagger Moth
 Annelid Worm
 Bark Beetles
 Birdsnest Fungi
 Boxelder Bug
 Camel Crickets
 Click Beetles
 Comblawed Spiders
 Dobsonfly
 Dustywings
 Eastern Hercules Beetle
 Fall Webworm
 Giant Stag Beetle
 Halictid Bees
 Horsehair Worms
 Ichneumon Wasps
 Leafcutting Bees
 Mosquitoes
 Nessus Sphinx
 Orb Weavers
 Rattailed Maggots
 Scentless Plant Bugs
 Shining Mold Beetles
 Snails
 Spider Wasps
 Spotted Cucumber Beetle
 Stink Bugs
 Tiger Swallowtail
 Toxorhynchites Mosquitoes
 Weevils

Ambush Bugs
 Andrenid Bees
 Ants
 Bark Weevils
 Black Horse Fly
 Brownhooded Cockroach
 Cecropia Moth
 Colletid Bees
 Crane Flies
 Dragonflies
 Dysderid Spider
 European Hornet
 Formica Ants
 Grass Carrier Wasp
 Heleomyzid Flies
 Hunting Spider
 Lacewings
 Mole Crickets
 Mydas Flies
 Not An Insect
 Pine Aphids
 Robber Flies
 Sheetweb Weaver
 Skippers
 Soldier Beetles
 Spiders
 Springtails
 Tanbark Borer
 Tortoise Beetles
 Velvet Mites
 White Furcula

INSECTS RECEIVED: VEG. | FIELD CROPS

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Thrips	1	0	0	2	1	5	5	1	0	0	0	0	15
Twospotted Spider Mite	0	0	0	0	1	3	6	2	0	0	0	1	13
European Corn Borer	0	0	0	0	0	3	3	0	1	0	0	0	7
Striped Cucumber Beetle	0	0	0	0	0	2	4	0	0	0	0	0	6
Cabbage Aphid	0	0	1	0	2	0	0	0	0	1	1	0	5
No Insects Found	1	0	0	0	0	3	0	0	1	0	0	0	5
Green June Beetle	0	0	0	0	0	0	0	0	0	1	3	0	4
Wireworms	0	0	0	0	0	1	0	1	1	0	1	0	4

RECEIVED 3 TIMES

Fall Armyworm
Tomato Pinworm

Ground Beetles

RECEIVED 2 TIMES

Aphids
Flea Beetles
Japanese Beetle
Leafhoppers
Pea Aphid
Soldier Beetles
Spring Rose Beetle
Syrphid Flies

Darkwinged Fungus Gnats
Harlequin Bug
Lady Beetles
Parasitic Wasps
Potato Stalk Borer
Southern Cornstalk Borer
Stink Bugs
Tortoise Beetles

RECEIVED 1 TIME

Alfalfa Webworm
Armyworm
Asparagus Beetle
Black Cutworm
Blister Beetles
Braconid Wasps
Cabbage Maggot
Cereal Leaf Beetle
Cowpea Curculio
Diplotaxis Beetle
Eastern Hercules Beetle
Flower Thrips
Green Peach Aphid
Ground Mealybug
Horsehair Worms
Lasius Ants
Leafmining Flies
Lygus Bugs
Oil Beetle
Potato Leafhopper
Saltmarsh Caterpillar
Seedcorn Beetle
Shore Flies
Spider Mites
Squash Bug
Vinegar Flies
Western Flower Thrips
Whiteflies

Alfalfa Weevil
Asiatic Garden Beetle
Bean Leaf Beetle
Black Turfgrass Ataenius
Borers
Bulb Flies
Carrion Beetles
Cicada Killer
Dingy Cutworm
Dung Beetles
Eggplant Lace Bug
Granulate Cutworm
Greenbug
Heleomyzid Flies
Humpbacked Flies
Leaffooted Bugs
Lightningbugs
Melon Aphid
Onion Thrips
Rhubarb Curculio
Sap Beetles
Seedcorn Maggot
Sphecid Wasps
Springtails
Threecornered Alfalfa Hopper
Western Corn Rootworm
Wheat Midge
Yellowstriped Armyworm

INSECTS RECEIVED: FRUIT AND NUTS

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Plum Curculio	0	0	0	0	1	8	0	0	0	0	0	0	9
Oriental Fruit Moth	0	1	0	1	0	2	2	0	0	0	1	0	7
Japanese Beetle	0	0	0	0	0	0	6	0	0	0	0	0	6
Nut Weevils	0	0	0	0	0	0	0	0	3	3	0	0	6
No Insects Found	1	0	0	0	1	0	2	0	0	0	1	0	5
European Red Mite	0	0	0	0	0	3	0	0	1	0	0	0	4
Locust Leafminer	0	0	0	0	4	0	0	0	0	0	0	0	4
Pear Psylla	0	0	0	0	0	0	4	0	0	0	0	0	4
Spider Mites	0	0	0	0	0	1	2	1	0	0	0	0	4
Strawberry Rootworm	0	0	0	1	0	0	1	2	0	0	0	0	4

INSECTS RECEIVED

Fruits and nuts

RECEIVED 3 TIMES

Eriophyid Mites
Grape Berry Moth
Leafhoppers
Twospotted Spider Mite

Flower Thrips
Grape Tomato Gall
Stink Bugs
Woolly Apple Aphid

RECEIVED 2 TIMES

Aphids
Flatheaded Appletree Borer
Hoplia Beetles
San Jose Scale
Spittlebugs
Thrips
Wax Scale

Fall Webworm
Grape Cane Girdler
Pear Sawfly
Soldier Beetles
Strawberry Crownminer
Twig Girdler
White Peach Scale

RECEIVED 1 TIME

Acorn Weevils
Apple Curculio
Black Walnut Curculio
Blackberry Psyllid
Carolina Mantid
Cecropia Moth
Darkwinged Fungus Gnats
European Hornet
Flatid Planthoppers
Grape Flea Beetle
Grape Phylloxera
Horntails
Lace Bugs
Parasitic Wasps
Pecan Weevil
Raspberry Cane Borer
Rednecked Cane Borer
Seedcorn Maggot
Spring Cankerworm
Twig Pruner
Yellownecked Caterpillar

American Plum Borer
Asiatic Garden Beetle
Blackberry Case Beetle
Buck Moth
Caterpillars
Cherry Spindlegall
European Fruit Lecanium
Fig Tree Borer
Flea Beetles
Grape Mealybug
Grapevine Beetle
Japanese Scale
Obliquebanded Leafroller
Pecan Catocala
Periodical Cicada
Raspberry Crown Borer
Rose Chafer
Shothole Borer
Tiger Moths
Wheel Bug

INSECTS RECEIVED: LAWNS AND TURF

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Cicada Killer	0	0	0	0	0	0	1	2	1	0	0	0	4
RECEIVED 3 TIMES													
Sod Webworms													
RECEIVED 2 TIMES													
Andrenid Bees													
Crane Flies													
Scoliid Wasps													
RECEIVED 1 TIME													
Allegheny Mound Ant													
Armyworm													
Bronzed Cutworm													
Eyed Click Beetle													
Formica Ants													
Halictid Bees													
Japanese Beetle													
March Flies													
Saltmarsh Caterpillar													
Velvet Ants													
White Grubs													
Annelid Worm													
Bigheaded Ant													
Dogday Cicada													
Flea Beetles													
Frit Flies													
Hoplia Beetles													
June Beetles													
Plasterer Bees													
Shore Flies													
Wheel Bug													
Wireworms													

INSECTS RECEIVED: HUMAN

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Lone Star Tick	0	0	0	2	12	9	5	5	8	1	0	0	42
American Dog Tick	0	0	0	1	2	2	0	3	0	0	0	0	8
Thrips	0	0	0	0	1	2	1	0	0	0	0	0	4
RECEIVED 3 TIMES													
Bird Mites	No Insects Found												
RECEIVED 2 TIMES													
Bed Bug													
Buck Moth													
Paper Wasps													
RECEIVED 1 TIME													
Ambush Bugs													
Asian Tiger Mosquito													
Biting Midges													
Brown Recluse Spider													
Cat Flea													
Dance Flies													
Fungus Gnats													
Hunting Spider													
Jumping Spiders													
Psorophora Mosquito													
Spider Wasps													
Sycamore Tussock Moth													
Tussock Moths													
Velvet Mites													
Yellowfever Mosquito													
Ants													
Bat Bugs													
Black Flies													
Bumble Bees													
Crab Louse													
Eastern Yellowjacket													
Honey Bee													
Ixodes Tick													
Leech													
Puss Caterpillar													
Spiders													
Treehole Mosquito													
Varied Carpet Beetle													
Wolf Spiders													

INSECTS RECEIVED: ANIMAL

RECEIVED 2 TIMES

Dark Mealworm

RECEIVED 1 TIME

American Dog Tick
Booklice
Deer Tick
Lone Star Tick
Striped Blister Beetles
Trox Beetle

Bird Mites
Cat Flea
Horse Flies
Springtails
Tapeworm

INSECTS RECEIVED: STRUCTURAL

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Carpenter Ants	0	0	4	6	4	5	7	5	4	0	2	0	37
Eastern Subterranean Termite	0	0	5	6	6	4	2	0	0	0	1	0	24
Old House Borer	0	0	1	0	0	4	1	0	0	0	1	1	8
Red Carpenter Ant	0	1	0	5	1	0	0	1	0	0	0	0	8
Black Carpenter Ant	0	0	0	0	0	0	0	0	0	0	2	2	4

RECEIVED 3 TIMES

Powder Post Beetles

Roundheaded Borers

RECEIVED 2 TIMES

Carpenter Bee

RECEIVED 1 TIME

Allegheny Mound Ant
Drywood Termites
Flat Bark Beetles
Horntails
Small Fruit Flies

Common Shinywinged Psocid
False Powderpost Beetles
Flatheaded Borers
Oak Timberworm
Vinegar Flies

INSECTS RECEIVED: APICULTURAL

RECEIVED 1 TIME

Greater Wax Moth

INSECTS RECEIVED: STORED PRODUCTS

Month Received	J	F	M	A	M	J	J	A	S	O	N	D	TOT
Indianmeal Moth	2	2	2	2	2	0	1	1	2	4	2	1	21
Carpet Beetles	0	2	0	0	0	3	0	0	1	1	5	2	14
Drugstore Beetle	0	0	1	2	2	1	0	1	2	1	0	1	11
Black Carpet Beetle	0	1	2	2	1	1	1	1	1	0	0	0	10
Sawtoothed Grain Beetle	0	1	2	3	1	0	1	1	0	1	0	0	10
Cigarette Beetle	1	1	0	0	0	0	1	1	3	0	1	0	8
Varied Carpet Beetle	0	0	4	3	0	0	0	0	1	0	0	0	8
Casemaking Clothes Moth	1	0	0	1	0	1	1	0	0	1	1	0	6

Month Received	Stored Products	Insects Recieved												TOT
		J	F	M	A	M	J	J	A	S	O	N	D	
	Lesser Mealworm	0	0	0	0	0	3	1	0	1	1	0	0	6
	Rice Weevil	0	0	0	0	0	0	3	0	2	0	1	0	6
	Larder Beetle	0	0	0	0	3	1	0	0	0	1	0	0	5
	Red Flour Beetle	1	0	0	0	0	1	0	0	1	1	1	0	5

RECEIVED 3 TIMES

Angoumois Grain Moth
Shiny Spider Beetle

Common Shinywinged Psocid

RECEIVED 2 TIMES

Clothes Moths
Flat Grain Beetle
Meal Moth

Dark Mealworm
Hide Beetle

RECEIVED 1 TIME

Almond Moth
Booklice
Corn Sap Beetle
Lesser Grain Borer
Moldy Bird Seed Noctuid
Yellow Mealworm

Bean Weevil
Cabinet Beetle
Could Not Diagnose
Mediterranean Flour Moth
Pyralid Moths

INSECTS BY HOST FOR THE INSECT IDENTIFICATION LABORATORY IN 1991
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

AFRICAN VIOLET

3 Cyclamen Mite	<i>Steneotarsonemus pallidus</i> (Banks)
1 Mealybugs	
--	
4 Total for African Violet	

ALFALFA

2 Pea Aphid	<i>Acyrtosiphon pisum</i> (Harris)
1 Alfalfa Webworm	<i>Loxostege cereralis</i> (Zeller)
1 Alfalfa Weevil	<i>Hypera postica</i> (Gyllenhal)
1 Black Turfgrass Ataenius	<i>Ataenius spretulus</i> (Haldeman)
1 Lady Beetles	
1 Potato Leafhopper	<i>Empoasca fabae</i> (Harris)
1 Threecornered Alfalfa Hopper	<i>Spissistilus festinus</i> (Say)
1 Thrips	
--	
9 Total for Alfalfa	

ALMOND

1 Peachtree Borer	<i>Synanthedon exitiosa</i> (Say)
--	
1 Total for Almond	

ANDROMEDA

1 Andromeda Lace Bug	<i>Stephanitis takeyai</i> Drake & Maa.
--	
1 Total for Andromeda	

ANEMONE

1 Fourlined Plant Bug	<i>Poecilocusus lineatus</i> (Fabricius)
--	
1 Total for Anemone	

APPLE

5 Japanese Beetle	<i>Popillia japonica</i> Newman
3 European Red Mite	<i>Panonychus ulmi</i> (Koch)
3 Locust Leafminer	<i>Odontota dorsalis</i> (Thunberg)
3 Plum Curculio	<i>Conotrachelus nenuphar</i> (Herbst)
3 Woolly Apple Aphid	<i>Eriosoma lanigerum</i> (Hausmann)
2 Aphids	
2 Flatheaded Appletree Borer	<i>Chrysobothris femorata</i> (Olivier)
2 San Jose Scale	<i>Quadraspidiotus perniciosus</i> (Comstock)
1 Apple Curculio	<i>Tachypterellus quadrigibbus</i> (Say)
1 Carolina Mantid	<i>Stagmomantis carolina</i> (Johannson)
1 Caterpillars	
1 Flea Beetles	
1 Leafhoppers	
1 No Insects Found	
1 Obliquebanded Leafroller	<i>Choristoneura rosaceana</i> (Harris)
1 Periodical Cicada	<i>Magicicada septendecim</i> (L.)
1 Seedcorn Maggot	<i>Delia platura</i> (Meigen)
1 Soldier Beetles	
1 Spring Cankerworm	<i>Paleacrita vernata</i> (Peck)
1 Stink Bugs	
1 Strawberry Rootworm	<i>Paria fragariae</i> Wilcox
1 Thrips	
--	
37 Total for Apple	

ARBORVITAE

2 Spruce Mite	<i>Oligonychus ununguis</i> (Jacobi)
1 Arborvitae Leafminer	<i>Argyresthia thuiella</i> (Packard)
1 Bagworm	<i>Thyridopteryx ephemeraeformis</i> (Haworth)
1 Juniper Scale	<i>Carulaspis juniperi</i> (Bouche)
--	
5 Total for Arborvitae	

ARROWLEAF

1 Butterflies
--
1 Total for Arrowleaf

ASH

3 Bark Beetles	
3 Lilac Borer	
2 Mulberry Whitefly	
1 Branch And Twig Borers	
1 Lace Bugs	
1 Lappet Moths	
1 No Insects Found	
1 Sap Beetles	
1 Sooty Mold	
1 Spider Mites	
1 Thrips	
--	
16 Total for Ash	
	<i>Podosesia syringae</i> (Harris)
	<i>Tetraleurodes mori</i> (Quaintance)

ASPARAGUS

1 Asparagus Beetle	
--	
1 Total for Asparagus	
	<i>Crioceris asparagi</i> (Linnaeus)

ASTER

1 Borers
--
1 Total for Aster

AUTUMN OLIVE

1 Not An Insect
--
1 Total for Autumn Olive

AZALEA

4 Azalea Caterpillar	
3 Azalea Lace Bug	
1 Azalea Whitefly	
1 Black Vine Weevil	
1 Borers	
1 Formica Ants	
1 Goldsmith Beetle	
1 Paria Leaf Beetles	
1 Psyllids	
1 Southern Red Mite	
1 Thrips	
--	
16 Total for Azalea	
	<i>Datana major</i> Grote and Robinson
	<i>Stephanitis pyrioides</i> (Scott)
	<i>Pealius azaleae</i> (Baker & Moles)
	<i>Otiorhynchus sulcatus</i> (Fabricius)
	<i>Formica</i> spp.
	<i>Cotalpa lanigera</i> (L.)
	<i>Paria</i> spp.
	<i>Oligonychus ilicis</i> (McGregor)

BARBERRY

3 Barberry Webworm	
--	
3 Total for Barberry	
	<i>Omphalocera dentosa</i> (Grote)

BARLEY

1 Lygus Bugs	
1 Syrphid Flies	
--	
2 Total for Barley	
	<i>Lygus</i> spp.

BAYBERRY

1 Assassin Bugs
--
1 Total for Bayberry

BEAN

7 Thrips
4 Twospotted Spider Mite
1 Aphids
1 Bean Leaf Beetle
1 Borers
1 Cowpea Curculio
1 Eastern Hercules Beetle
1 Flower Thrips
1 Leafhoppers
1 No Insects Found
1 Spider Mites
1 Spring Rose Beetle

Tetranychus urticae Koch
Cerotoma trifurcata (Forster)
Chalcodermus aeneus Boheman
Dynastes tityus (L.)
Frankliniella tritici (Fitch)

Strigoderma arboricola

--
21 Total for Bean

BEEBALM

1 Raspberry Cane Borer

Oberea bimaculata (olivier)

--
1 Total for Beebalm

BEECH

2 Beech Erineum
1 Beech Leaf-tier

Acalitus fagerinea (Keifer)
Psilocorsis faginea (Chambers)

--
3 Total for Beech

BENTGRASS

1 Frit Flies
1 March Flies
1 Shore Flies

--
3 Total for Bentgrass

BIRCH

2 Birch Aphid
2 Bronze Birch Borer
2 No Insects Found
2 River Birch Aphid
1 Bark Beetles
1 Birch Leafminer
1 European Birch Aphid
1 Katydid
1 Witch-Hazel Leafgall Aphid

Calaphis betulaecolens
Agrilus anxius Gory

Hormaphis hamamelidis (Fitch)

Fenusa pusilla (Lepelletier)
Euceraphis punctipennis Zetterstedt

Hormaphis hamamelidis (Fitch)

--
13 Total for Birch

BIRCH, RIVER

1 European Hornet

Vespa crabro germana Christ

--
1 Total for Birch, River

BIRCH, WHITE

1 European Hornet
1 Puss Caterpillar

Vespa crabro germana Christ
Megalopyge opercularis (J. E. Smith)

--
2 Total for Birch, White

BLACK GUM

1 Gall Mites

--
1 Total for Black Gum

BLACKBERRY

2 No Insects Found
1 Blackberry Psyllid
1 Flower Thrips
1 Raspberry Cane Borer
1 Rednecked Cane Borer

Trioza tripunctata Fitch
Frankliniella tritici (Fitch)
Oberea bimaculata (olivier)
Agrilus ruficollis (Fabricius)

1 Spider Mites	
--	
7 Total for Blackberry	
BLUEBERRY	
2 No Insects Found	
2 Wax Scale	Ceroplastes spp.
1 Azalea Caterpillar	Datana major Grote and Robinson
1 Leafhoppers	
1 Parasitic Wasps	
--	
7 Total for Blueberry	
BOXWOOD	
7 Boxwood Mite	Eurytetranychus buxi (Garman)
4 Boxwood Leafminer	Monarthropalpus buxi (Laboulbene)
4 Boxwood Psyllid	Psylla buxi (Linnaeus)
2 Oribatid Mites	
1 Clover Mite	Bryobia praetiosa Koch
--	
18 Total for Boxwood	
BOXWOOD, AMERICAN	
1 European Hornet	Vespa crabro germana Christ
--	
1 Total for Boxwood, American	
BOXWOOD, ENGLISH	
2 European Hornet	Vespa crabro germana Christ
1 Boxwood Mite	Eurytetranychus buxi (Garman)
1 Wax Scale	Ceroplastes spp.
--	
4 Total for Boxwood, English	
BROCCOLI	
1 Blister Beetles	
1 Cabbage Aphid	Brevicoryne brassicae
--	
2 Total for Broccoli	
CABBAGE	
1 Cabbage Maggot	Delia radicum (Linnaeus)
1 Carrion Beetles	
1 Green Peach Aphid	Myzus persicae (Sulzer)
1 Ground Beetles	
1 Harlequin Bug	Murgantia histrionica (Hahn)
--	
5 Total for Cabbage	
CANNA	
1 Leafrolling Crickets	
--	
1 Total for Canna	
CANOLA	
4 Cabbage Aphid	Brevicoryne brassicae
1 Braconid Wasps	
--	
5 Total for Canola	
CANTALOUPE	
2 Striped Cucumber Beetle	Acalymma vittatum (Fabricius)
--	
2 Total for Cantaloupe	

CASSANDRA

1 Citrus Whitefly
--
1 Total for Cassandra

Dialeurodes citri (Ashmead)

CATALPA

1 Catalpa Sphinx
--
1 Total for Catalpa

Ceratonia catalpae (Boisduval)

CEDAR

1 Adelgids
1 No Insects Found
--
2 Total for Cedar

CEDAR, BLUE

1 Spruce Mite
--
1 Total for Cedar, Blue

Oligonychus ununguis (Jacobi)

CEDAR, RED

1 Checkered Beetles
1 Pine Spittlebug
--
2 Total for Cedar, Red

Aphrophora parallela (Say)

CELOSIA

1 Thrips
--
1 Total for Celosia

CHERRY

3 Yellownecked Caterpillar
2 White Peach Scale
1 Aphids
1 Apple Twig Borer
1 Cherry Spindlegall
1 European Red Mite
1 Gall Mites
1 No Insects Found
1 Pear Sawfly
1 Shothole Borer
--
13 Total for Cherry

Datana ministra (Drury)
Pseudaulacaspis pentagona (Targioni-Tozzetti)
Amphicerus hamatus (F.)
Panonychus ulmi (Koch)

Caliroa cerasi (Linnaeus)
Scolytus rugulosus (Muller)

CHERRY LAUREL

2 Black Vine Weevil
1 Japanese Beetle
1 Southern Red Mite
1 White Peach Scale
--
5 Total for Cherry Laurel

Otiorhynchus sulcatus (Fabricius)
Popillia japonica Newman
Oligonychus ilicis (McGregor)
Pseudaulacaspis pentagona (Targioni-Tozzetti)

CHERRY, BLACK

1 Eastern Tent Caterpillar
--
1 Total for Cherry, Black

Malacosoma americanum (Fabricius)

CHESTNUT

2 Soldier Beetles
1 European Hornet
--
3 Total for Chestnut

Vespa crabro germana Christ

CHRYSANTHEMUM

-- 1 Flower Thrips Franklioniella tritici (Fitch)
 -- 1 Total for Chrysanthemum

CLEOME

-- 1 Harlequin Bug Murgantia histrionica (Hahn)
 -- 1 Total for Cleome

COLUMBINE

-- 1 Columbine Leafminer Phytomyza spp.
 -- 1 Stink Bugs
 -- 2 Total for Columbine

COMPOST

-- 1 Green June Beetle Cotinis nitida (Linnaeus)
 -- 1 Total for Compost

COREOPSIS

-- 1 Stalk Borer Papaipema nebris (Guenee)
 -- 1 Total for Coreopsis

CORN (see also Sweet Corn)

3 European Corn Borer Ostrinia nubilalis (Hubner)
 2 Asiatic Garden Beetle Maladera castanea (Arrow)
 2 Southern Cornstalk Borer Diatraea crambidoides (Grote)
 2 Thrips
 1 Ground Beetles
 1 Heleomyzid Flies
 1 Japanese Beetle Popillia japonica Newman
 1 Lasius Ants Lasius spp.
 1 Lightningbugs
 1 Saltmarsh Caterpillar Estigmene acrea (Drury)
 1 Sap Beetles Stenolophus lecontei
 1 Seedcorn Beetle Diabrotica virgifera virgifera LeConte
 1 Syrphid Flies
 1 Western Corn Rootworm
 1 Wireworms
 -- 20 Total for Corn

CRABAPPLE

-- 1 Cecropia Moth Hyalophora cecropia (Linnaeus)
 -- 1 Leafhoppers
 -- 2 Total for Crabapple

CRAPE MYRTLE

-- 1 Crape Myrtle Aphid Tinocallis kahawaluokalani (Kirkaldy)
 -- 1 Thrips
 -- 2 Total for Crape Myrtle

CRYPTOMERIA

-- 1 Maskell Scale Lepidosaphes spp.
 -- 1 Total for Cryptomeria

CUCUMBER

3 Striped Cucumber Beetle Acalymma vittatum (Fabricius)
 1 Leaffooted Bugs

1 Thrips	
--	
5 Total for Cucumber	
CYPRESS	
1 Bagworm	Thyridopteryx ephemeraeformis (Haworth)
1 European Hornet	Vespa crabro germana Christ
1 Juniper Scale	Carulaspis juniperi (Bouche)
1 Tip Moth	
--	
4 Total for Cypress	
DAFFODIL	
1 Bulb Mite	Rhizoglyphus echinopus (Fumouze & Robin)
1 Slugs	
--	
2 Total for Daffodil	
DAISY	
1 Flower Thrips	Frankliniella tritici (Fitch)
1 Fourlined Plant Bug	Poecilocapsus lineatus (Fabricius)
1 Plant Bugs	
1 Thrips	
1 Variegated Cutworm	Peridroma saucia (Hubner)
--	
5 Total for Daisy	
DAPHNE	
1 No Insects Found	
--	
1 Total for Daphne	
DOGWOOD	
4 Dogwood Borer	Synanthedon scitula (Harris)
2 Mulberry Whitefly	Tetraleurodes mori (Quaintance)
1 Cottony Maple Scale	Pulvinaria innumerabilis (Rathvon)
1 Dogwood Clubgall Midge	Resseliella clavula (Beutenmuller)
1 European Fruit Lecanium	Parthenolecanium corni (Bouche)
1 European Hornet	Vespa crabro germana Christ
1 Locust Leafminer	Odontota dorsalis (Thunberg)
1 Redheaded Ash Borer	Neoclytus acuminatus (Fabricius)
1 Seedcorn Maggot	Delia platura (Meigen)
1 Syrphid Flies	
1 Thrips	
--	
15 Total for Dogwood	
DOUGLASFIR	
1 Bark Beetles	
--	
1 Total for Douglasfir	
DRIVEWAY	
1 Crane Flies	
--	
1 Total for Driveway	
ELM	
2 Larger Elm Leaf Beetle	Monocesta coryli (Say)
1 Aphids	
1 Bark Beetles	Pyrrhalta luteola (Muller)
1 Elm Leaf Beetle	Colopha ulmisacculi (Patch)
1 Elm Sackgall Aphid	
1 No Insects Found	
--	
7 Total for Elm	

EUONYMUS

7 Euonymus Scale
1 Aphids
1 Fungus Gnats
1 Spider Mites
--
10 Total for Euonymus

Unaspis euonymi (Comstock)

FERN

1 Gallworm
1 Hemispherical Scale
--
2 Total for Fern

Saissetia coffeae (Walker)

FERN, ASPARAGUS

1 Twospotted Spider Mite
--
1 Total for Fern, Asparagus

Tetranychus urticae Koch

FESCUE

1 Sod Webworms
1 White Grubs
--
2 Total for Fescue

Crambus spp.

FICUS

1 Hemispherical Scale
1 Mealybugs
--
2 Total for Ficus

Saissetia coffeae (Walker)

FIG

2 Flatid Planthoppers
2 Spider Mites
1 Black Scale
1 Brown Soft Scale
1 Fig Tree Borer
1 Millipedes
1 Springtails
1 Thrips
--
10 Total for Fig

Saissetia oleae (Olivier)
Coccus hesperidum Linnaeus
Neoptychodes trilineatus (L.)

FIR

1 No Insects Found
--
1 Total for Fir

FIR, FRASER

1 Balsam Woolly Adelgid
--
1 Total for Fir, Fraser

Adelges piceae (Ratseburg)

FLOWER BED

2 Broadnecked Root Borer
1 Black Swallowtail
1 Earwigs
1 Hoplia Beetles
1 Sphecid Wasps
1 Tilehorned Prionus
--
7 Total for Flower Bed

Prionus laticollis (Drury)
Papilio polyxenes asterius Stoll
Hoplia spp.
Prionus imbricornis (Linnaeus)

FORSYTHIA

1 White Peach Scale
--
1 Total for Forsythia

Pseudaulacaspis pentagona (Targioni-Tozzetti)

FOXGLOVE

1 Stalk Borer
--
1 Total for Foxglove

Papaipema nebris (Guenee)

FRUIT TREE

1 Fall Webworm
1 White Peach Scale
--
2 Total for Fruit Tree

Hyphantria cunea (Drury)
Pseudaulacaspis pentagona (Targioni-Tozzetti)

FUCHSIA

1 Aphids
--
1 Total for Fuchsia

GAILLARDIA

1 Wireworms
--
1 Total for Gaillardia

GARDEN

1 Cicada Killer
1 Darkwinged Fungus Gnats
1 Dingy Cutworm
1 Dung Beetles
1 Eastern Subterranean Termite
1 Harlequin Bug
1 Horsehair Worms
1 Sphecid Wasps
--
8 Total for Garden

Sphecius speciosus (Drury)
Feltia ducens Walker
Reticulitermes flavipes (Kollar)
Murgantia histrionica (Hahn)

GARDENIA

1 Brown Soft Scale
1 Thrips
--
2 Total for Gardenia

Coccus hesperidum Linnaeus

GARLIC

1 Bulb Flies
--
1 Total for Garlic

GERANIUM

1 Caterpillars
1 Flower Thrips
1 Stink Bugs
--
3 Total for Geranium

Frankliniella tritici (Fitch)

GLADIOLUS

1 Bulb Mite
1 Gladiolus Thrips
--
2 Total for Gladiolus

Rhizoglyphus echinopus (Fumouze & Robin)
Thrips simplex (Morison)

GLOXINIA

1 Thrips
--
1 Total for Gloxinia

GOLF COURSE

1 Annelid Worm
1 Cicada Killer
1 Hoptia Beetles

--
3 Total for Golf Course

Sphecius speciosus (Drury)
Hoptia spp.

GRAPE

3 Grape Berry Moth
3 Grape Tomato Gall
2 Flower Thrips
2 Grape Cane Girdler
1 Buck Moth
1 Grape Flea Beetle
1 Grape Mealybug
1 Grape Phylloxera
1 Grapevine Beetle
1 Hoptia Beetles
1 Rose Chafer
1 Tiger Moths

--
18 Total for Grape

Endopiza viteana Clemens
Frankliniella tritici (Fitch)
Amelogypter ater (LeConte)
Hemileuca maia (Drury)
Altica chalybea (Illiger)
Pseudococcus maritimus (Ehrhorn)
Daktulosphaira vitifoliae (Fitch)
Pelidnota punctata Linne
Hoptia spp.
Macroductylus subspinosus (Fabricius)

GRASS

2 Chinch Bug
1 Black Cutworm
1 Bronzed Cutworm
1 Fall Armyworm
1 Flea Beetles
1 Sod Webworms
1 Yellowstriped Armyworm

--
8 Total for Grass

Blissus leucopterus leucopterus (Say)
Agrotis ipsilon (Hufnagel)
Nephelodes minians Guenee
Spodoptera frugiperda (J. E. Smith)
Crambus spp.
Spodoptera ornithogalli

GREENHOUSE

2 Greenhouse Whitefly
2 Shore Flies
1 Fungus Gnats
1 Millipedes

--
6 Total for Greenhouse

Trialeurodes vaporariorum (Westwood)

GYPSY MOTH

3 Flesh Fly
2 Braconid Wasps
2 Tachinid Flies
1 Encyrtid Wasps
1 Ichneumon Wasps

--
9 Total for Gypsy Moth

GYPSY MOTH TRAPS

1 Curvedlined Looper
1 Dagger Moth
1 Geometrid Moths
1 Noctuid Moths
1 Signate Melanolophia

--
5 Total for Gypsy Moth Traps

Lambdina fervidaria (Hbn)
Acronicta spp.

Melanolophia signataria

HACKBERRY

1 Gall Midges
1 Hackberry Button Gall

--
2 Total for Hackberry

Pachyphylla umbilicus Riley

HAWTHORN

1 Carpenterworm
1 Hawthorn Lace Bug

Prionoxystus robiniae (Peck)
Corythucha cydoniae (Fitch)

1 Oribatid Mites	
--	
3 Total for Hawthorn	
HEMLOCK	
3 Hemlock Woolly Adelgid	Adelges tsugae (Annand)
1 Elongate Hemlock Scale	Fiorinia externa Ferris
1 Hemlock Rust Mite	Nalepella tsugifoliae Keifer
1 Spruce Mite	Oligonychus ununguis (Jacobi)
--	
6 Total for Hemlock	
HERBS	
1 Ground Mealybug	Rhizoecus falcifer d'Herculis
1 Leafhoppers	
--	
2 Total for Herbs	
HIBISCUS	
1 Melon Aphid	Aphis gossypii Glover
1 Scentless Plant Bugs	
--	
2 Total for Hibiscus	
HICKORY	
3 Hickory Leaf Stem Gall	Phylloxera spp.
1 Checkered Beetles	
1 Fall Webworm	Hyphantria cunea (Drury)
1 Hickory Phylloxera Galls	Phylloxera spp.
1 Hickory Tube Gall	Caryomyia tubicola O.S.
1 Leafrolling Weevils	
1 Longhorned Beetles	
1 Lurid Dicerca	Dicerca lurida (F.)
--	
10 Total for Hickory	
HOLLY	
3 Cottony Camellia Scale	Pulvinaria floccifera (Westwood)
1 Aphids	
1 Black Scale	Saissetia oleae (Olivier)
1 Fall Webworm	Hyphantria cunea (Drury)
1 No Insects Found	
1 Oystershell Scale	Lepidosaphes ulmi (Linnaeus)
1 Pesticide Burn	
1 Picturewing Fly	Oligonychus ilicis (McGregor)
1 Southern Red Mite	Ceroplastes spp.
1 Wax Scale	
--	
12 Total for Holly	
HOLLY, AMERICAN	
1 Cottony Camellia Scale	Pulvinaria floccifera (Westwood)
--	
1 Total for Holly, American	
HOLLY, BURFORD	
1 Cottony Camellia Scale	Pulvinaria floccifera (Westwood)
--	
1 Total for Holly, Burford	
HOLLY, CHINESE	
1 Cottony Camellia Scale	Pulvinaria floccifera (Westwood)
--	
1 Total for Holly, Chinese	

HOLLY, JAPANESE

1 Southern Red Mite
--
1 Total for Holly, Japanese

Oligonychus ilicis (McGregor)

HOLLYHOCK

1 Stink Bugs
--
1 Total for Hollyhock

HOUSE

6 Nut Weevils
1 Black Vine Weevil
1 Caterpillars
1 Root Weevil
1 Rove Beetles
--
10 Total for House

Otiorhynchus sulcatus (Fabricius)

HOUSEPLANT

1 Darkwinged Fungus Gnats
1 Fungus Gnats
1 Greedy Scale
1 No Insects Found
1 Not An Insect
1 Scale Insects
--
6 Total for Houseplant

Hemiberlesia rapax (Comstock)

IMPATIENS

1 Flower Thrips
1 Leafcutting Bees
1 Thrips
--
3 Total for Impatiens

Frankliniella tritici (Fitch)

IRIS

1 Baldcypress Sapwood Borer
1 Iris Borer
1 Leaf Beetles
1 Leafhoppers
1 Slugs
1 Thrips
--
6 Total for Iris

Acmaeodera pulchella (Herbst)
Macronoctua onusta Grote

IVY

1 Bean Aphid
1 Millipedes
1 Sharpshooter
1 Twospotted Spider Mite
--
4 Total for Ivy

Aphis fabae Scopoli
Oncometopia nigricans L.
Tetranychus urticae Koch

IVY, ENGLISH

1 Thrips
1 Twospotted Spider Mite
--
2 Total for Ivy, English

Tetranychus urticae Koch

JADE

1 Mealybugs
--
1 Total for Jade

JASMINE

1 Soft Scales
--
1 Total for Jasmine

JUNIPER

16 Spruce Mite	Oligonychus ununguis (Jacobi)
6 Juniper Scale	Carulaspis juniperi (Bouche)
2 Cedar Leafminer	Argyresthia freyella
2 Not An Insect	
1 Butterflies	
1 Juniper Aphids	
1 Juniper Webworm	Dichomeris marginella (Fabricius)
1 Maskell Scale	Lepidosaphes spp.
1 Parasitic Wasps	
--	
31 Total for Juniper	

KIWI

1 Plum Curculio	Conotrachelus nenuphar (Herbst)
--	
1 Total for Kiwi	

LAUREL

1 Cranberry Rootworm	Rhabdopterus picipes (Olivier)
1 European Hornet	Vespa crabro germana Christ
1 Shothole Borer	Scolytus rugulosus (Muller)
1 White Peach Scale	Pseudaulacaspis pentagona (Targioni-Tozzetti)
--	
4 Total for Laurel	

LAWN

3 Cicada Killer	Sphecius speciosus (Drury)
2 Green June Beetle	Cotinis nitida (Linnaeus)
2 Scoliid Wasps	
1 Allegheny Mound Ant	Formica exsectoides Forel
1 Andrenid Bees	
1 Armyworm	Pseudaletia unipuncta (Haworth)
1 Bigheaded Ant	Pheidole spp.
1 Crane Flies	
1 Dogday Cicada	
1 Eyed Click Beetle	Alans oculatus (L.)
1 Formica Ants	Formica spp.
1 Halictid Bees	
1 Japanese Beetle	Popillia japonica Newman
1 June Beetles	
1 Plasterer Bees	
1 Saltmarsh Caterpillar	Estigmene acrea (Drury)
1 Sod Webworms	Crambus spp.
1 Tussock Moths	
1 Velvet Ants	
1 Wheel Bug	Arilus cristatus (Linnaeus)
--	
24 Total for Lawn	

LEMON

1 Black Scale	Saissetia oleae (Olivier)
1 Citrus Flatid Planthopper	Metcalfa pruinosa (Say)
--	
2 Total for Lemon	

LETTUCE

1 Tortoise Beetles
--
1 Total for Lettuce

LILAC

1 European Hornet	Vespa crabro germana Christ
--	
1 Total for Lilac	

LILY

1 Slugs
1 Stalk Borer
1 Thrips

--
3 Total for Lily

Papaipema nebris (Guenee)

LINDEN

1 Bark Beetles
1 Japanese Beetle
1 Leafhoppers

--
3 Total for Linden

Popillia japonica Newman

LIRIOPE

1 Fern Scale

--
1 Total for Liriope

Pinnaspis aspidistrae (Signoret)

LOCUST

1 Ambrosia Beetles
1 Hackberry Leafslug
1 Honeylocust Plant Bug
1 Locust Leafminer
1 Mimosa Webworm

--
5 Total for Locust

Norape cretata Grt.
Diaphnocoris chlorionis (Say)
Odontota dorsalis (Thunberg)
Homadula anisocentra Meyrick

MAGNOLIA

4 Magnolia Scale
1 No Insects Found
1 Sassafras Weevil
1 Wheel Bug

--
7 Total for Magnolia

Neolecanium cornuparvum (Thro)

Odontopus calceatus (Say)
Arilus cristatus (Linnaeus)

MAHOGANY

1 Leaf Skeletonizers

--
1 Total for Mahogany

MALLOW

1 Stalk Borer

--
1 Total for Mallow

Papaipema nebris (Guenee)

MAPLE

6 Leafhoppers
4 Gloomy Scale
2 Caterpillars
2 Cottony Maple Scale
2 Japanese Beetle
2 Maple Bladdergall
2 Maple Petiole Borer
2 Spider Mites
1 Aphids
1 Borers
1 Broadnosed Bark Weevil
1 Buffalo Treehopper
1 Calico Scale
1 Could Not Diagnose
1 Fall Webworm
1 Maple Spindlegall
1 Mulberry Whitefly
1 Not An Insect
1 Oak Spider Mite
1 Obscure Scale
1 Oystershell Scale
1 Potato Leafhopper
1 Psocids

Melanaspis tenebricosa (Comstock)

Pulvinaria innumerabilis (Rathvon)
Popillia japonica Newman
Vasates quadripedes Shimer
Caulocampus acericaulis (McGillivray)

Stictocephala bisonia Kopp & Yonke
Eulecanium cerasorum (Cockerell)

Hyphantria cunea (Drury)

Tetraleurodes mori (Quaintance)

Oligonychus bicolor (Banks)
Melanaspis obscura (Comstock)
Lepidosaphes ulmi (Linnaeus)
Empoasca fabae (Harris)

1 Rattailed Maggots	
1 Soft Scales	
1 Thrips	
1 Tussock Moths	
1 Woolly Alder Aphid	
--	
42 Total for Maple	Paraprociophilus tessellatus (Fitch)
MAPLE, JAPANESE	
1 Bagworm	Thyridopteryx ephemeraeformis (Haworth)
1 Japanese Beetle	Popillia japonica Newman
1 Leafhoppers	
--	
3 Total for Maple, Japanese	
MAPLE, RED	
1 European Hornet	Vespa crabro germana Christ
1 Wax Scale	Ceroplastes spp.
--	
2 Total for Maple, Red	
MAPLE, SILVER	
1 Erineum Galls	
1 Maple Spindlegall	
1 Pole Borer	
1 Roundheaded Borers	
--	
4 Total for Maple, Silver	Parandra brunnea (F.)
MAPLE, SUGAR	
1 Boxelder Twig Borer	Proteoteras willingana (Kearfott)
1 Oak Spider Mite	Oligonychus bicolor (Banks)
--	
2 Total for Maple, Sugar	
MARIGOLD	
1 Composite Thrips	Microcephalothrips abdominalis (D.L. Crawford)
1 Flower Thrips	Frankliniella tritici (Fitch)
1 Twospotted Spider Mite	Tetranychus urticae Koch
--	
3 Total for Marigold	
MINT	
1 Fourlined Plant Bug	Poecilocapsus lineatus (Fabricius)
--	
1 Total for Mint	
MULBERRY	
1 White Peach Scale	Pseudaulacaspis pentagona (Targioni-Tozzetti)
--	
1 Total for Mulberry	
MULCH	
1 Boxelder Bug	Leptocoris trivittatus (Say)
1 Wood Roaches	Parcoblatta spp.
--	
2 Total for Mulch	
MUSHROOM, OYSTER	
1 Vinegar Flies	
--	
1 Total for Mushroom, Oyster	

MYRTLE

1 Fuller Rose Beetle
--
1 Total for Myrtle

Pantomorus cervinus (Boheman)

NECTARINE

2 Plum Curculio
1 Oriental Fruit Moth
--
3 Total for Nectarine

Conotrachelus nenuphar (Herbst)
Grapholita molesta (Busck)

NO INFORMATION

1 Horntails
1 Longhorned Grasshoppers
1 Tilehorned Prionus
--
3 Total for No Information

Prionus imbricornis (Linnaeus)

OAK

7 Oak Skeletonizer
6 Oak Aphids
4 Oak Button Galls
3 Buck Moth
3 Vein Pocket Gall
2 Horned Oak Gall
2 Leafhoppers
2 Oak Lace Bug
2 Oak Treehopper
2 Polyphemus Moth
2 Wasp Galls
2 Acorn Weevils
1 Aphidions
1 Bark Beetles
1 Black Carpenter Ant
1 Carpenterworm
1 Caterpillars
1 Darkling Beetles
1 Eastern Hercules Beetle
1 Fall Webworm
1 Flat Bark Beetles
1 Gouty Oak Gall
1 Gregarious Oak Leafminer
1 Gypsy Moth
1 June Beetles
1 Leafrollers
1 Leafy Bud Gall
1 Locust Leafminer
1 No Insects Found
1 Oak Lecanium
1 Oak Spider Mite
1 Obscure Scale
1 Solitary Oak Leafminer
1 Spongy Oak Gall
1 Termites
1 Tilehorned Prionus
1 Tussock Moths
1 Twig Borer
1 Underwing Moths
1 Wool Sower Gall
--
65 Total for Oak

Bucculatrix ainsliella Murtfeldt
Myzocallis spp.
Neoterus umbilicatus Bass.
Hemileuca maia (Drury)
Macrodiplosis erubescens (O.S.)
Callirhytis cornigera (O.S.)

Corythucha arcuata (Say)
Platycotis vittata
Antheraea polyphemus (Cramer)

Curculio spp.

Camponotus pennsylvanicus
Prionoxystus robiniae (Peck)

Dynastes tityus (L.)
Hyphantria cunea (Drury)

Callirhytis punctata (O.S.)
Cameraria cincinnatiella (Chambers)
Lymantria dispar (Linnaeus)

Dryocosmus floridensis Beutm.
Odontota dorsalis (Thunberg)

Parthenolecanium quercifex (Fitch)
Oligonychus bicolor (Banks)
Melanaspis obscura (Comstock)
Cameraria hamadryadella (Clemens)
Amphibolips acuminata (Beutm.)

Prionus imbricornis (Linnaeus)

Catocala spp.
Callirhytis seminator Harr.

OAK, CHESTNUT

1 Aphids
1 Buck Moth
1 Cambium Miner
1 Greenstriped Mapleworm
1 Leafhoppers
1 Midrig Tumor Gall
1 Oak Aphids
1 Oak Lace Bug
1 Tree Crickets
1 Underwing Moths
--
10 Total for Oak, Chestnut

Hemileuca maia (Drury)
Dryocampa rubicunda (Fabricius)
Plagiotrochus tumificus O.S.
Myzocallis spp.
Corythucha arcuata (Say)

Catocala spp.

OAK, PIN

1 Dryophanta Oak Gall
1 Oak Skeletonizer
1 Obscure Scale
1 Woolly Fold Gall

--
4 Total for Oak, Pin

Dryophanta spp.
Bucculatrix ainsliella Murtfeldt
Melanaspis obscura (Comstock)
Cecidomyia niveipila O.S.

OAK, RED

3 Horned Oak Gall
1 Oak Leafrolling Weevil
1 Red Oak Borer
1 Sap Beetles

--
6 Total for Oak, Red

Callirhytis cornigera (O.S.)
Attelbus bipustolatus Fab.
Romaleum rufulus

OAK, WHITE

2 Yellownecked Caterpillar
1 Buck Moth
1 Leafhoppers
1 Oak Button Galls
1 Pinkstriped Oakworm

--
6 Total for Oak, White

Datana ministra (Drury)
Hemileuca maia (Drury)
Neuoterus umbilicatus Bass.
Anisota virginiensis (Drury)

OAK, WILLOW

2 Pinkstriped Oakworm
1 Oak Eriococcid
1 Oak Lecanium
1 Yellownecked Caterpillar

--
5 Total for Oak, Willow

Anisota virginiensis (Drury)
Eriococcus quercus (Comstock)
Parthenolecanium quercifex (Fitch)
Datana ministra (Drury)

OFFICE

1 Darkwinged Fungus Gnats

--
1 Total for Office

ONION

1 Onion Thrips
1 Parasitic Wasps

--
2 Total for Onion

Thrips tabaci Lindeman

ORCHARD GRASS

1 Tortoise Beetles

--
1 Total for Orchard Grass

ORCHID

1 Boisduval Scale
1 Honeydew
1 Spider Mites

--
3 Total for Orchid

Diaspis boisduvalli Signoret

OUTSIDE

2 Allegheny Mound Ant
2 Scoliid Wasps
1 Andrenid Bees
1 Aphids
1 Carpenterworm
1 Clearwing Moths
1 Dogwood Borer
1 Grape Root Borer
1 Hackberry Leafslug
1 Lilac Borer
1 Orangestriped Oakworm
1 Smaller Yellow Ant

Formica exsectoides Forel

Prionoxystus robiniae (Peck)

Synanthedon scitula (Harris)
Vitacea polistiformis (Harris)
Norape cretata Grt.
Podosesia syringae (Harris)
Anisota senatoria (J. E. Smith)
Acanthomyops claviger (Roger)

1 Webworms	
1 Whitefringed Beetles	Graphognathus spp.
--	
16 Total for Outside	
PACHYSANDRA	
1 Euonymus Scale	Unaspis euonymi (Comstock)
1 Lepidosaphes Scale	Lepidosaphes spp.
--	
2 Total for Pachysandra	
PALM	
1 Florida Red Scale	Chrysomphalus aonidium L.
--	
1 Total for Palm	
PASTURE	
3 Green June Beetle	Cotinis nitida (Linnaeus)
1 Armyworm	Pseudaletia unipuncta (Haworth)
1 Fall Armyworm	Spodoptera frugiperda (J. E. Smith)
--	
5 Total for Pasture	
PEA	
1 Thrips	
1 Twospotted Spider Mite	Tetranychus urticae Koch
--	
2 Total for Pea	
PEACH	
6 Oriental Fruit Moth	Grapholita molesta (Busck)
1 American Plum Borer	Euzophera semifuneralis (Walker)
1 Eriophyid Mites	
1 European Fruit Lecanium	Parthenolecanium corni (Bouche)
1 Hoplia Beetles	Hoplia spp.
1 Japanese Beetle	Popillia japonica Newman
1 Plum Curculio	Conotrachelus nenuphar (Herbst)
1 Wheel Bug	Arilus cristatus (Linnaeus)
--	
13 Total for Peach	
PEANUT	
1 Spring Rose Beetle	Strigoderma arboricola
--	
1 Total for Peanut	
PEAR	
4 Pear Psylla	Psylla pyricola Foerster
2 Eriophyid Mites	
1 Japanese Beetle	Popillia japonica Newman
1 No Insects Found	
1 Pear Sawfly	Caliroa cerasi (Linnaeus)
1 Plum Curculio	Conotrachelus nenuphar (Herbst)
1 Spider Mites	
--	
11 Total for Pear	
PEAR, BRADFORD	
1 Leafhoppers	
--	
1 Total for Pear, Bradford	
PECAN	
3 Stink Bugs	
2 Spittlebugs	
1 Flatid Planthoppers	
1 Pecan Catocala	Catocala spp.
1 Pecan Weevil	Curculio caryae (Horn)

1 Twig Girdler	<i>Oncideres cingulata</i> (Say)
1 Twig Pruner	<i>Elaphidionoides villosus</i> (Fabricius)
--	
10 Total for Pecan	
PEONY	
1 Flower Thrips	<i>Frankliniella tritici</i> (Fitch)
--	
1 Total for Peony	
PEPPER	
1 Hemispherical Scale	<i>Saissetia coffeae</i> (Walker)
1 No Insects Found	
1 Stink Bugs	
--	
3 Total for Pepper	
PERIWINKLE	
1 Allegheny Mound Ant	<i>Formica exsectoides</i> Forel
--	
1 Total for Periwinkle	
PETUNIA	
1 Dung Beetles	
1 Eastern Subterranean Termite	<i>Reticulitermes flavipes</i> (Kollar)
1 Root Maggots	
1 Rove Beetles	
--	
4 Total for Petunia	
PHOTINIA	
1 Bush Cricket	
1 Hag Moth	<i>Phobetron pithecium</i> (J. E. Smith)
1 Latania Scale	<i>Hemiberlesia lataniae</i> (Signoret)
1 Plant Bugs	
1 Rhabdopterus Beetles	<i>Rhabdopterus</i> spp.
--	
5 Total for Photinia	
PHYSOSTEGIA	
1 Stalk Borer	<i>Papaipema nebris</i> (Guenee)
--	
1 Total for Physostegia	
PIERIS	
1 European Hornet	<i>Vespa crabro germana</i> Christ
--	
1 Total for Pieris	
PINE	
4 Pine Bark Adelgid	<i>Pineus strobi</i> (Hartig)
2 Bark Beetles	
2 Pine Shoot Gall Sawfly	<i>Xyela gallicaulis</i> Smith
2 White Pine Weevil	<i>Pissodes strobi</i> (Peck)
1 Allegheny Mound Ant	<i>Formica exsectoides</i> Forel
1 Chinese Mantid	<i>Tenodera aridifolia</i> Saussure
1 Eriophyid Mites	
1 Nantucket Pine Tip Moth	<i>Rhyacionia frustrana</i> (Comstock)
1 No Insects Found	
1 Pales Weevil	<i>Hylobius pales</i> (Herbst)
1 Pine Aphids	<i>Cinara</i> spp.
1 Pine Sawflies	
1 Pine Sawyers	<i>Monoctonus</i> spp.
1 Pine Webworm	<i>Tetralopha robustella</i> Zeller
1 White Pine Aphid	<i>Cinara strobi</i> (Fitch)
--	
21 Total for Pine	

PINE, AUSTRIAN

1 No Insects Found
--
1 Total for Pine, Austrian

PINE, JAPANESE BLACK

1 Pales Weevil
1 Pine Needle Scale
--
2 Total for Pine, Japanese Black

Hylobius pales (Herbst)
Chionaspis pinifoliae (Fitch)

PINE, LOBLOLLY

1 Eastern Pine Looper
1 Insect Eggs
1 Pine Shoot Gall Sawfly
--
3 Total for Pine, Loblolly

Lambdina arthasaria pellucidaria (Grote & Robinson)
Xyela gallicaulis Smith

PINE, MUGO

4 Nantucket Pine Tip Moth
--
4 Total for Pine, Mugo

Rhyacionia frustrana (Comstock)

PINE, NORFOLK ISLAND

1 Not An Insect
--
1 Total for Pine, Norfolk Island

PINE, PITCH

1 Pine Scurfy Scale
--
1 Total for Pine, Pitch

Chionaspis heterophyllae

PINE, SCOTS

2 Nantucket Pine Tip Moth
1 Caterpillars
1 European Pine Shoot Moth
1 No Insects Found
1 Pitch Mass Borer
1 Redheaded Pine Sawfly
--
7 Total for Pine, Scots

Rhyacionia frustrana (Comstock)
Rhyacionia buoliana (Denis & Schiffermull)
Synanthedon pini (Kellicott)
Neodiprion lecontei (Fitch)

PINE, SHORTLEAF

1 Nantucket Pine Tip Moth
--
1 Total for Pine, Shortleaf

Rhyacionia frustrana (Comstock)

PINE, TABLE TOP

1 Nantucket Pine Tip Moth
--
1 Total for Pine, Table Top

Rhyacionia frustrana (Comstock)

PINE, WHITE

20 Pine Bark Adelgid
12 White Pine Weevil
7 White Pine Aphid
6 Pales Weevil
4 Bark Beetles
3 Needle Sheath Mites
2 Introduced Pine Sawfly
2 Pine Needle Scale
2 Pine Sawyers
1 Bagworm
1 Cecropia Moth
1 Climbing Cutworms
1 European Pine Shoot Moth

Pineus strobi (Hartig)
Pissodes strobi (Peck)
Cinara strobi (Fitch)
Hylobius pales (Herbst)

Diprion similis (Hartig)
Chionaspis pinifoliae (Fitch)
Monochamus spp.
Thyridopteryx ephemeraeformis (Haworth)
Hyalophora cecropia (Linnaeus)

Rhyacionia buoliana (Denis & Schiffermull)

1 Ips Engraver Beetles	Ips spp.
1 Not An Insect	
1 Pitch Mass Borer	Synanthedon pini (Kellcott)
1 Praying Mantids	
--	
66 Total for Pine, White	
PLANT	
1 Katydid	
1 Leaf Beetles	
1 Orb Weavers	
1 Smaller Yellow Ant	Acanthomyops claviger (Roger)
1 Whiteflies	
--	
5 Total for Plant	
PLUM	
1 Locust Leafminer	Odontota dorsalis (Thunberg)
1 Plum Curculio	Conotrachelus nenuphar (Herbst)
1 Woolly Apple Aphid	Eriosoma lanigerum (Hausmann)
--	
3 Total for Plum	
PLUMERIA	
1 Spider Mites	
1 Whiteflies	
--	
2 Total for Plumeria	
POPLAR	
1 Borers	Ennomos subsignarius (Hubner)
1 Elm Spanworm	
1 Ground Beetles	Ichthyura inclusa (Hubner)
1 Poplar Tentmaker	Delia platura (Meigen)
1 Seedcorn Maggot	Basilarchia archippus (Cramer)
1 Viceroy	
--	
6 Total for Poplar	
POPLAR, HYBRID	
1 Vagabond Poplar Gall	Mordwilkoja vagabunda Walsh
--	
1 Total for Poplar, Hybrid	
POPPY	
1 Blister Beetles	
1 Sphecid Wasps	
1 Velvet Ants	
--	
3 Total for Poppy	
POTATO	
3 European Corn Borer	Ostrinia nubilalis (Hubner)
3 No Insects Found	
2 Wireworms	
1 Darkwinged Fungus Gnats	
1 Flea Beetles	Feltia subterranea (F.)
1 Granulate Cutworm	Cotinis nitida (Linnaeus)
1 Green June Beetle	
1 Shore Flies	Tetranychus urticae Koch
1 Twospotted Spider Mite	
--	
14 Total for Potato	
POTHOS	
1 Twospotted Spider Mite	Tetranychus urticae Koch
--	
1 Total for Pothos	

PRIVET

1 Privet Rust Mite
--
1 Total for Privet

Aculus ligustri (Keifer)

PUMPKIN

1 Thrips
--
1 Total for Pumpkin

PUSSYWILLOW

1 Oystershell Scale
--
1 Total for Pussywillow

Lepidosaphes ulmi (Linnaeus)

PYRACANTHA

1 Pyracantha Webworm
1 Woolly Apple Aphid
--
2 Total for Pyracantha

Acrobasis indigenella (Zeller)
Eriosoma lanigerum (Hausmann)

QUINCE

1 Japanese Scale
1 Lace Bugs
--
2 Total for Quince

Leucaspis japonica Cockerell

RASPBERRY, BLACK

1 Blackberry Case Beetle
1 Locust Leafminer
1 Raspberry Crown Borer
--
3 Total for Raspberry, Black

Chlamisus spp.
Odontota dorsalis (Thunberg)
Pennisetia marginata (Harris)

RASPBERRY, RED

1 Caterpillars
--
1 Total for Raspberry, Red

RED BUD

3 Hackberry Leafslug
1 American Dagger Moth
1 Borers
1 Io Moth
1 Leafcutting Bees
1 Leafhoppers
1 Plum Curculio
1 Thrips
--
10 Total for Red Bud

Norape cretata Grt.
Acronicta americana (Harris)
Automeris io (Fabricius)

Conotrachelus nenuphar (Herbst)

REDWOOD

1 No Insects Found
--
1 Total for Redwood

RHODODENDRON

5 Rhododendron Lace Bug
4 Azalea Stem Borer
3 Leaf Beetles
3 Rhododendron Borer
2 Cranberry Rootworm
1 Aphids
1 Black Vine Weevil
1 Leafhoppers

Stephanitis rhododendri Horvath
Oberea myops Haldeman
Synanthedon rhododendri Beutenmuller
Rhabdopterus picipes (Olivier)
Otiorynchus sulcatus (Fabricius)

1 Psocids	
--	
21 Total for Rhododendron	
RHUBARB	
1 Rhubarb Curculio	Lixus concavus Say
--	
1 Total for Rhubarb	
ROSE	
3 Twospotted Spider Mite	Tetranychus urticae Koch
1 Flower Thrips	Frankliniella tritici (Fitch)
1 No Insects Found	
1 Rose Stem Sawfly	Hartigia trimaculata Say
--	
6 Total for Rose	
ROSE-OF-SHARON	
1 No Insects Found	
--	
1 Total for Rose-Of-Sharon	
RYE	
1 Oil Beetle	Meloe spp.
--	
1 Total for Rye	
SALVIA	
1 Eastern Subterranean Termite	Reticulitermes flavipes (Kollar)
--	
1 Total for Salvia	
SASSAFRAS	
1 Eastern Hercules Beetle	Dynastes tityus (L.)
1 Leafhoppers	
--	
2 Total for Sassafras	
SCHEFFLERA	
2 Twospotted Spider Mite	Tetranychus urticae Koch
1 Brown Soft Scale	Coccus hesperidum Linnaeus
--	
3 Total for Schefflera	
SEATHRIFT	
1 Termites	
--	
1 Total for Seathrift	
SEDUM	
1 Leaf Skeletonizers	
--	
1 Total for Sedum	
SHAMROCK	
1 Centipedes	
1 Hemispherical Scale	Saissetia coffeae (Walker)
1 Spider Mites	
--	
3 Total for Shamrock	

SNAPDRAGON

-- 1 Red And Black Stink Bug *Cosmopepla bimaculata* Thomas
1 Total for Snapdragon

SNOWBALL

-- 1 Spider Mites
1 Total for Snowball

SOIL

-- 1 Variable Oakleaf Caterpillar *Heterocampa manteo* (Doubleday)
1 Total for Soil

SORGHUM

-- 1 Fall Armyworm *Spodoptera frugiperda* (J. E. Smith)
1 Total for Sorghum

SOYBEAN

2 Soldier Beetles
2 Thrips
1 Japanese Beetle *Popillia japonica* Newman
1 Lady Beetles
1 Twospotted Spider Mite *Tetranychus urticae* Koch
--
7 Total for Soybean

SPIDER PLANT

-- 2 Hemispherical Scale *Saissetia coffeae* (Walker)
2 Total for Spider Plant

SPIREA

-- 1 Spirea Aphid *Aphis citricola* Van der Goot
1 Total for Spirea

SPRUCE

8 Spruce Mite *Oligonychus ununguis* (Jacobi)
2 Bark Beetles
2 Spruce Aphid *Elatobium abietinum* (Walker)
1 Bagworm *Thyridopteryx ephemeraeformis* (Haworth)
1 Balsam Twig Aphid *Mindarus abietinus* Koch
1 Cooley Spruce Gall Adelgid *Adelges cooleyi* (Gillette)
1 No Insects Found
1 Red Spruce Adelgid *Pineus floccus* (Patch)
1 White Pine Weevil *Pissodes strobi* (Peck)
--
18 Total for Spruce

SPRUCE, NORWAY

-- 2 White Pine Weevil *Pissodes strobi* (Peck)
2 Total for Spruce, Norway

SPRUCE, WHITE

-- 1 White Pine Weevil *Pissodes strobi* (Peck)
1 Total for Spruce, White

SQUASH

1 Squash Bug *Anasa tristis* (De Geer)

1 Striped Cucumber Beetle	<i>Acalymma vittatum</i> (Fabricius)
--	
2 Total for Squash	
STATICE	
1 Fungus Gnats	
--	
1 Total for Statice	
STRAWBERRY	
3 Strawberry Rootworm	<i>Paria fragariae</i> Wilcox
3 Twospotted Spider Mite	<i>Tetranychus urticae</i> Koch
2 Strawberry Crownminer	<i>Aristotelia fragariae</i> Busck
1 Darkwinged Fungus Gnats	
--	
9 Total for Strawberry	
SUNFLOWER	
1 Diplotaxis Beetle	<i>Diplotaxis</i> spp.
1 Flea Beetles	
--	
2 Total for Sunflower	
SWEET CORN	
1 Ground Beetles	
1 Thrips	
1 Wireworms	
--	
3 Total for Sweet Corn	
SWEET GUM	
1 No Insects Found	
1 Sweetgum Bark Beetle	<i>Pittophthorus liquidambarus</i> Blackman
1 Sweetgum Scale	<i>Diaspidiotus liquidambaris</i> (Katinsky)
--	
3 Total for Sweet Gum	
SYCAMORE	
2 Bark Beetles	<i>Corythucha ciliata</i> (Say)
2 Sycamore Lace Bug	<i>Belonochilus numenius</i> (Say)
1 Sycamore Seed Bug	
--	
5 Total for Sycamore	
TOBACCO	
1 Melon Aphid	<i>Aphis gossypii</i> Glover
1 Potato Stalk Borer	<i>Trichobaris trinotata</i> (Say)
--	
2 Total for Tobacco	
TOMATO	
6 Twospotted Spider Mite	<i>Tetranychus urticae</i> Koch
3 Tomato Pinworm	<i>Keiferia lycopersicella</i> (Walsingham)
1 Aphids	<i>Gargaphia solani</i> Heidemann
1 Eggplant Lace Bug	<i>Ostrinia nubilalis</i> (Hubner)
1 European Corn Borer	
1 Humpbacked Flies	
1 Leafmining Flies	
1 Parasitic Wasps	
1 Potato Stalk Borer	<i>Trichobaris trinotata</i> (Say)
1 Seedcorn Maggot	<i>Delia platura</i> (Meigen)
1 Springtails	
1 Stink Bugs	
1 Western Flower Thrips	<i>Frankliniella occidentalis</i> (Pergande)
1 Whiteflies	
--	
21 Total for Tomato	

TREE

2 Fall Cankerworm
 1 Allegheny Mound Ant
 1 Bagworm
 1 Bed Bug
 1 Chinese Mantid
 1 Darkling Beetles
 1 Flat Bark Beetles
 1 Gall Mites
 1 Lady Beetles
 1 Larger Elm Leaf Beetle
 1 Leaf Beetles
 1 Megarhyssa Wasp
 1 Oystershell Scale

Alsophila pometaria (Harris)
Formica exsectoides Forel
Thyridopteryx ephemeraeformis (Haworth)
Cimex lectularius Linnaeus
Tenodera aridifolia Saussure

Monocesta coryli (Say)

Megarhyssa spp.
Lepidosaphes ulmi (Linnaeus)

--
 14 Total for Tree

TULIP

1 Tulip Bulb Aphid

--
 1 Total for Tulip

TULIP POPLAR

2 Tuliptree Scale
 1 Sassafras Weevil

Toumeyella liriiodendri (Gmelin)
Odontopus calceatus (Say)

--
 3 Total for Tulip Poplar

TURTLEHEAD

1 White Peach Scale

Pseudaulacaspis pentagona (Targioni-Tozzetti)

--
 1 Total for Turtlehead

VERONICA

1 Thrips

--
 1 Total for Veronica

VIBURNUM

1 European Hornet
 1 Southern Red Mite

Vespa crabro germana Christ
Oligonychus ilicis (McGregor)

--
 2 Total for Viburnum

WALNUT

1 Black Walnut Curculio
 1 Butternut Woollyworm
 1 Skiff Caterpillar

Conotrachelus retentus (Say)
Blennocampa caryae
Prolimacodes badia Hbn.

--
 3 Total for Walnut

WALNUT, ENGLISH

1 Fall Webworm
 1 Twig Girdler

Hyphantria cunea (Drury)
Oncideres cingulata (Say)

--
 2 Total for Walnut, English

WATERMELON

1 Twospotted Spider Mite

Tetranychus urticae Koch

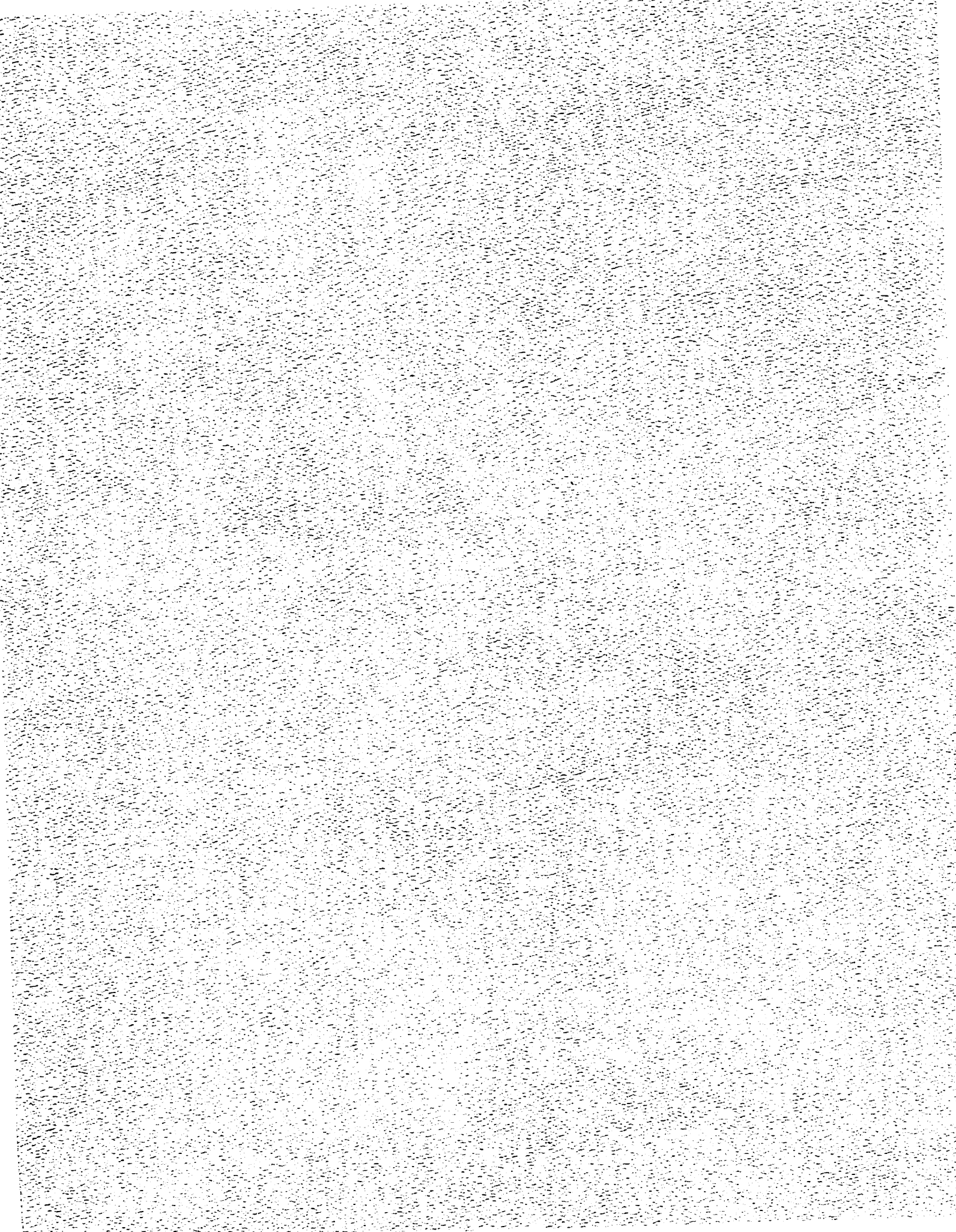
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 1 Total for Watermelon

WHEAT

1 Cereal Leaf Beetle
 1 Greenbug

Oulema melanopus (Linnaeus)
Schizaphis graminum (Rondani)

1 Wheat Midge	Sitodiplosis mosellana (Gehin)
--	
3 Total for Wheat	
 WILLOW	
1 Twospotted Spider Mite	Tetranychus urticae Koch
1 Willow Spider Mite	Eotetranychus sp.
--	
2 Total for Willow	
 WILLOW, WEeping	
1 Willow Scurfy Scale	Chionaspis salicisnigrae
--	
1 Total for Willow, Weeping	
 WINDOW	
1 Eastern Tent Caterpillar	Malacosoma americanum (Fabricius)
1 Phylloxerans	
1 Tachinid Flies	
--	
3 Total for Window	
 WISTERIA	
1 Calico Scale	Eulecanium cerasorum (Cockerell)
--	
1 Total for Wisteria	
 YEW	
1 Cottony Camellia Scale	Pulvinaria floccifera (Westwood)
--	
1 Total for Yew	
 YUCCA	
2 Yucca Plant Bug	Halticotoma valida Townsend
--	
2 Total for Yucca	
 ZOYSIA	
1 Wireworms	
--	
1 Total for Zoysia	



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