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ID Lab Publication

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Insect Identification Laboratory

Annual Report 2017



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INTRODUCTION

A total of 1130 requests were received in 2017. This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 2017. The laboratory is located in 205A Price Hall and is managed by Eric R. Day, Lab Manager, Theresa Dellinger, Assistant Lab Manager, and Doug Pfeiffer, Extension Entomologist, Department of Entomology, Virginia Tech, Blacksburg, Virginia. Front cover photo: *Monocesta coryli* by Eric Day

Monthly Submission Summary

Month	# Samples
2017 *	
January	23 *
February	46 *
March	84 *
April	109 *
May	136 *
June	164 *
July	140 *
August	150 *
September	100 *
October	104 *
November	55 *
December	19 *
Total for 2017 within the specified date range	1,130 *
Grand Total	1,130

Submitter Affiliation Summary

Submitter Type	# of Samples	% of Total
Alson H. Smith, Jr. AREC	19	2 %
Buildings and Grounds	1	0 %
Commercial Greenhouse[Disabled]	0	0 %
Crop and Soil Environmental Sciences	0	0 %
Eastern Shore AREC	0	0 %
Entomology	147	13 %
Extension Agent or Staff	799	71 %
Extension Specialist - Campus	6	1 %
Food Science and Technology	0	0 %
Forestry	1	0 %
Hampton Roads AREC	5	0 %
Horticulture	2	0 %
Master Gardener	2	0 %
Master Gardener Coordinator	0	0 %
Medical Doctor	1	0 %
Northern Piedmont AREC	0	0 %
Plant Pathology, Physiology and Weed Science	4	0 %
Researcher, University	3	0 %
Southern Piedmont AREC	1	0 %
Southwest Va AREC	1	0 %
SPDN Lab	0	0 %
State Agency	2	0 %
Survey	0	0 %
Tidewater AREC	0	0 %
Univeristy or College	0	0 %
University or College	0	0 %
Unknown	0	0 %
US Forest Service	0	0 %
USDA APHIS PPQ	2	0 %
VA Department of Forestry	3	0 %

VDACS	0	0 %
VDACS, Office of Plant Protection	70	6 %
Veterinary College	0	0 %
Virginia State University	1	0 %
Virginia Tech	0	0 %
Walk-in or Direct Mail-in	60	5 %
Warsaw AREC	0	0 %
Winchester AREC	0	0 %
Total	1,130	

Crop Category

Crop Category	# of Samples	% of Total
Animal	3	0.3
Animal Feed	0	0.0
Bait	0	0.0
Bee Hive	1	0.1
Field Crops	16	1.6
Fungi/Slime Molds/Algae	0	0.0
Herbaceous Ornamentals and Indoor Plants	64	6.3
Household and Recreational Area	239	23.4
Human	39	3.8
Insect	0	0.0
Moss	0	0.0
Mulch	1	0.1
No Sample	0	0.0
Nonplant Material[Disabled]	4	0.4
Nonturf Grasses	0	0.0
Pest Survey	91	8.9
Small Fruits	22	2.2
Tree Fruits and Nuts	42	4.1
Trees	211	20.7

Turf	19	1.9
Unknown	8	0.8
Vegetables and Herbs	55	5.4
Weeds	0	0.0
Wild Plants	0	0.0
Woody Ornamentals	206	20.2
Total	1,021	
Diagnosis samples with no crop category entered		
	60	

25 Record(s)

ID Category	# of Samples	% of Total
Algae	0	0.0
Bacterium	0	0.0
Fungi	0	0.0
Insect	48	100.0
Lichen	0	0.0
Other Invertebrate, Mite, Tick	0	0.0
Other Substance	0	0.0
Plant	0	0.0
Slime Molds	0	0.0
Unable to Identify	0	0.0
Total	48	
ID samples with no ID category entered		
	1	

10 Record(s)

Host Pest Data for 2017

No Crop Type Specified	
Cattle Feed	
1	GRAIN MITE <i>Acarus siro</i> Linnaeus
1	PSOCIDS
2	Total for Cattle Feed

Heuchera

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Heuchera

Horse

1 ALLEGHENY MOUND ANT *Formica exsectoides Forel*

1 Total for Horse

Lumber

1 BRACONID WASPS

1 MINUTE PIRATE BUGS

1 PRENOLEPIS ANTS *Prenolepis spp.*

1 ROVE BEETLES

1 SMOOTH SPRINGTAILS

5 Total for Lumber

Misc. Tree

1 FLATID PLANTHOPPERS

1 HONEY BEE *Apis mellifera L.*

2 Total for Misc. Tree

Nonplant

1 BED BUG *Cimex lectularius Linnaeus*

1 HERMIT FLOWER BEETLE *Osmoderma eremicola*

1 TWOLINED SPITTLEBUG *Prosapia bicincta*

3 Total for Nonplant

Outside on ground

1 ALLEGHENY MOUND ANT *Formica exsectoides Forel*

1 ANDRENID BEES

1 Bombardier Beetle *Brachinus sp.*

1 BUMBLE BEES *Bombus sp.*

1 CAROLINA WOLF SPIDER *Hogna carolinensis Walckenaer*

2 CICADA KILLER *Sphecius speciosus*

1 DRAGONFLIES

2 EASTERN HERCULES BEETLE *Dynastes tityus*

1 EYED CLICK BEETLE *Alaus oculatus*

1 FALL WEBWORM *Hyphantria cunea*

1 FORMICA ANTS *Formica spp.*

1	FOURLINED PLANT BUG	<i>Poecilocapsus lineatus</i>
4	GARDEN MILLIPEDE	<i>Oxidus gracilis</i>
1	GREEN LACEWINGS	
1	LARGE MILKWEED BUG	<i>Oncopeltus fasciatus</i>
1	LEAFFOOTED BUGS	
1	LIGHTNING BEETLES	
1	MARINE ISOPODS	
1	MONOMORIUM VIRIDE	<i>Monomorium viride</i>
1	NO INSECTS OR MITES FOUND	
1	Oak Stump Borer	<i>Paranthrene simulans</i>
1	OIL BEETLE	<i>Meloe spp.</i>
1	ORANGESTRIPED OAKWORM	<i>Anisota senatoria</i>
1	PANDORUS SPHINX	<i>Eumorpha pandorus</i>
2	RED IMPORTED FIRE ANT	<i>Solenopsis invicta Buren</i>
1	RED SPOTTED PURPLE	<i>Limenitis arthemis astyanax</i>
1	RED-HEADED BUSH CRICKET	<i>Phyllopalpus pulchellus</i>
1	Red-legged Grasshopper	<i>Melanoplus femurrubrum</i>
1	Showy Emerald	<i>Dichorda iridaria</i>
1	STINK BUGS	
1	Tabanus Horse Fly	<i>Tabanus sp.</i>
3	TRAPDOOR SPIDERS	
1	WATER BOATMEN	
1	WEEVILS	
1	WHEEL BUG	<i>Arilus cristatus</i>
1	WHITEBANDED FISHING SPIDER	<i>Dolomedes albineus</i>
1	WOLF SPIDERS	

45 Total for Outside on ground

Tromboncino

1 CUCUMBER BEETLES

1 Total for Tromboncino

Wood

1 DRYWOOD TERMITES

1 *Graphisurus fasciatus*

1 HETEROBOSTRYCHUS AEQUALIS *Heterobostrychus aequalis Waterhouse*

1 LARGER CABINET BEETLE *Trogoderma inclusum*

1 No Diagnosis or Sample Quality Entered

5 **Total for Wood**

Animal

Cat

- 1 Bird Mites *Ornithonyssus*
- 1 NORTHERN FOWL MITE *Ornithonyssus sylviarum*

2 **Total for Cat**

Domestic Dog

- 2 LONE STAR TICK *Amblyomma americanum*

2 **Total for Domestic Dog**

Bee Hive

Bee Hive

- 1 SMALL HIVE BEETLE *Athena tumida*

1 **Total for Bee Hive**

Field Crops

Alfalfa

- 1 ALFALFA WEEVIL *Hypera postica*
- 1 CLOVER ROOT CURCULIO *Sitona hispidulus*

2 **Total for Alfalfa**

Hayfield

- 1 GRASSHOPPERS
- 1 RED IMPORTED FIRE ANT *Solenopsis invicta Buren*

2 **Total for Hayfield**

Hemp

- 1 Cannabis Aphid *Phorodon cannabis*

1 **Total for Hemp**

Hops

- 2 FALL WEBWORM *Hyphantria cunea*
- 1 JAPANESE BEETLE *Popillia japonica Newman*
- 1 PARIA LEAF BEETLES *Paria spp.*
- 1 QUESTION MARK *Polygonia interrogationis*

2 TWOSPOTTED SPIDER MITE *Tetranychus urticae* Koch

7 **Total for Hops**

Orchardgrass

1 JAPANESE BEETLE *Popillia japonica* Newman

1 THRIPS

2 **Total for Orchardgrass**

Pasture

1 BRACONID WASPS

1 GNATS

2 **Total for Pasture**

Sorghum

1 SUGARCANE APHID *Melanaphis sacchari*

1 **Total for Sorghum**

Soybean

1 RED IMPORTED FIRE ANT *Solenopsis invicta* Buren

1 **Total for Soybean**

Herbaceous Ornamentals and Indoor Plants

African Violet

1 NO MITES FOUND

1 **Total for African Violet**

Astilbe

1 PLANT BUGS

1 **Total for Astilbe**

Bedding Plants, Miscellaneous

1 BUMBLE BEES *Bombus* sp.

1 GIANT RESIN BEE *Megachile sculptularis* Smith

2 **Total for Bedding Plants, Miscellaneous**

Bee Balm

1 BROAD MITE *Polyphagotarsonemus latus*

1 FLOWER THRIPS *Frankliniella tritici*

2 **Total for Bee Balm**

Cabbage Palm

1 Palmetto Scale *Comstockiella sabalis*

1 Total for Cabbage Palm

Calibrachoa

1 MELON APHID *Aphis gossypii* Glover

1 Total for Calibrachoa

Canna

1 LESSER CANNA LEAFROLLER *Geshna cannalis*

1 Total for Canna

Chrysanthemum

1 CHRYSANTHEMUM LACE BUG *Corythucha marmorata*

1 Total for Chrysanthemum

Citrus Plant

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae* Koch

1 Total for Citrus Plant

Clematis

1 EASTERN SUBTERRANEAN TERMITE *Reticulitermes flavipes*

1 MARGINED BLISTER BEETLE *Epicauta pestifera* Werner

2 Total for Clematis

Coleus

1 FLEA BEETLES

1 LEAFHOPPERS

2 Total for Coleus

Coneflower

1 Burdock Borer *Papaipema cataphracta*

1 SPIDER MITES

2 Total for Coneflower

Coral Bells

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Coral Bells

Coreopsis

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Coreopsis

Fern

1 FERN SCALE *Pinnaspis aspidistrae*

1 Total for Fern

Flower, Unknown

2 American Hover Fly *Eupeodes americanus*

2 Total for Flower, Unknown

Gardenia

1 RUSTIC SPHINX *Manduca rustica*

1 Total for Gardenia

Gazania

1 DARKWINGED FUNGUS GNATS

1 Total for Gazania

Geranium

1 DARKWINGED FUNGUS GNATS

1 Total for Geranium

Gerbera Daisy

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Gerbera Daisy

Gomphrena

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Gomphrena

Hellebore

1 APHIDS

1 DARKWINGED FUNGUS GNATS

1 No Diagnosis or Sample Quality Entered

3 Total for Hellebore

Hosta

1 WESTERN FLOWER THRIPS *Frankliniella occidentalis*

1 No Diagnosis or Sample Quality Entered

2 Total for Hosta

Houseplant

1 TANBARK BORER *Phymatodes testaceus*

1 Total for Houseplant

Liriope

1 FERN SCALE *Pinnaspis aspidistrae*

1 Liriope Scale *Pinnaspis caricis*

2 Total for Liriope

Namesia fruticans

1 THRIPS

1 Total for Namesia fruticans

Passionflower

1 JAPANESE BEETLE *Popillia japonica Newman*

2 Passionflower Flea Beetle *Disonycha discoidea*

3 Total for Passionflower

Pawpaw

1 Asimina webworm *Omphalocera munroei*

1 Total for Pawpaw

Penstemon

1 EUROPEAN PEPPER MOTH *Duponchelia fovealis Zeller*

1 Total for Penstemon

Peony

1 FLOWER THRIPS *Frankliniella tritici*

1 WHITE GRUBS

2 Total for Peony

Petunia

1 FLOWER THRIPS *Frankliniella tritici*

1 SUCCINEA AMBER SNAILS *Succinea spp.*

2 Total for Petunia

Plant, Unknown

1 ACANTHOCEPHALA TERMINALIS *Acanthocephala terminalis*

1 BEAN PLATASPID *Megacopta cribraria*

1 ICHNEUMONID WASPS

1 LARGER ELM LEAF BEETLE *Monocesta coryli*

1 LEAFFOOTED BUGS

1 LUNA MOTH *Actias luna*

6 Total for Plant, Unknown

Plants, Miscellaneous

1 JAPANESE BEETLE *Popillia japonica Newman*

1 LESSER MEADOW KATYDIDS *Conocephalus sp.*

1 NO INSECTS FOUND

3 Total for Plants, Miscellaneous

Primrose

1 ALTICA FLEA BEETLES *Altica sp.*

1 Total for Primrose

Ranunculus

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Ranunculus

Rudbeckia

1 APHIDS

1 EASTERN YELLOWJACKET *Vespula maculifrons*

1 GREEN BOTTLE FLY *Phaenicia sericata*

1 Northern Paper Wasp *Polistes fuscatus*

1 RUDBECKIA PSYLLID *Bactericera antennata*

1 SOUTHERN CARPENTER BEE *Xylocopa micans*

6 Total for Rudbeckia

Snake Plant

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*

1 Total for Snake Plant

Sunflower

1 SMALL MILKWEED BUG *Lygaeus kalmii*

1 Total for Sunflower

Travelers Palm

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*

1 Total for Travelers Palm

Verbena

1 RUSTIC SPHINX *Manduca rustica*

1 Total for Verbena

Violet

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae* Koch

1 Total for Violet

Wallflower

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Wallflower

Zinnia

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Zinnia

Household and Recreational Area

Building

1 AMERICAN COCKROACH *Periplaneta americana*

1 *Amphasia interstitialis*

1 BALDFACED HORNET *Dolichovespula maculata*

1 BAT BUG *Cimex adjunctus*

1 BED BUG *Cimex lectularius* Linnaeus

1 BLACK FLIES

1 CABINET BEETLES *Trogoderma* spp.

1 CAMPONOTUS CASTANEUS *Camponotus castaneus*

1 CAROLINA WOLF SPIDER *Hogna carolinensis* Walckenaer

1 COMMON STONEFLIES

1 GIANT RESIN BEE *Megachile sculptularis* Smith

1 GROUND BEETLES

1 MINUTE PIRATE BUGS

1 MOTH FLIES

1 ODD BEETLE *Thylodrias contractus* Motschulsky

1 PAPER WASPS *Polistes* spp.

1 PSYCHID BAGWORMS

2 SEED BUGS

2 SMOOTH SPRINGTAILS

1 SOLDIER BEETLES

1 SUBTERRANEAN TERMITES *Reticulitermes* spp.

1 TIPHIID WASPS

1 VARIED CARPET BEETLE *Anthrenus verbasci*

1 WIDOW SPIDERS *Latrodectus sp.*

26 Total for Building

Food; Food Products

1 ACROBAT ANTS *Crematogaster spp.*
1 ANTHRENUS CARPET BEETLES *Anthrenus spp.*
1 BRONZE BOTTLE FLY *Phaenicia cuprina*
2 COMMON CARPET BEETLE *Anthrenus scrophularies*
7 DRUGSTORE BEETLE *Stegobium paniceum*
1 GERMAN COCKROACH *Blattella germanica*
1 INDIANMEAL MOTH *Plodia interpunctella*
1 MAIZE WEEVIL *Sitophilus zeamais Motschulsky*
2 PSOCIDS
2 RED FLOUR BEETLE *Tribolium castaneum*
1 SAWTOOTHED GRAIN BEETLE *Oryzaephilus surinamensis*
1 SHINY SPIDER BEETLE *Gibbium psylloides*
1 *Sylvanus plantus* *Sylvanus plantus*
5 VARIED CARPET BEETLE *Anthrenus verbasci*
1 No Diagnosis or Sample Quality Entered

28 Total for Food; Food Products

House

1 ACROBAT ANTS *Crematogaster spp.*
1 American Bird Grasshopper *Schistocerca americana*
1 AMERICAN CARRION BEETLE *Necrophila americana L.*
1 APHIDS
1 BANDED ASH BORER *Neoclytus caprea*
2 BAT BUG *Cimex adjunctus*
1 BED BUG *Cimex lectularius Linnaeus*
3 BLACK CARPENTER ANT *Camponotus pennsylvanicus*
1 BLACK SOLDIER FLY *Hermetia illucens*
1 BLACK VINE WEEVIL *Otiorhynchus sulcatus*
7 BLOW FLIES
1 BRACONID WASPS
1 BUMBLE BEES *Bombus sp.*
1 CAMEL CRICKETS
1 CAROLINA WOLF SPIDER *Hogna carolinensis Walckenaer*
1 CARPENTER ANTS *Camponotus spp.*

1 CASEMAKING CLOTHES MOTH	<i>Tinea pellionella L.</i>
1 CATERPILLARS	
2 CHALCID WASPS	
3 CLICK BEETLES	
1 CLOVER MITE	<i>Bryobia praetiosa Koch</i>
1 CLUSTER FLY	<i>Pollenia rudis</i>
1 COMBFOOTED SPIDERS	
1 COULD NOT DIAGNOSE	
1 CRAB SPIDERS	
1 DARK HOPLIA	<i>Hoplia trivialis</i>
2 DARKWINGED FUNGUS GNATS	
3 EASTERN CONENOSE	<i>Triatoma sanguisuga</i>
2 EASTERN SUBTERRANEAN TERMITE	<i>Reticulitermes flavipes</i>
2 EASTERN YELLOWJACKET	<i>Vespa maculifrons</i>
1 EYED CLICK BEETLE	<i>Alaus oculatus</i>
1 FALSE DARKLING BEETLE	
1 FIREBRAT	<i>Thermobia domestica</i>
2 FISHING SPIDER	<i>Dolomedes tenebrosus</i>
1 GARDEN MILLIPEDE	<i>Oxidus gracilis</i>
4 GERMAN COCKROACH	<i>Blattella germanica</i>
1 GLOWWORMS	
1 GNATS	
1 GRASSHOPPERS	
1 GREEN LACEWINGS	
3 GROUND BEETLES	
2 HONEY BEE	<i>Apis mellifera L.</i>
1 HOPLIA BEETLES	<i>Hoplia spp.</i>
1 Hornfaced Bee	<i>Osmia cornifrons</i>
3 HUMPBACKED FLIES	
1 HUNTING SPIDERS	
1 ISOPOD	
1 IVORYMARKED BEETLE	<i>Eburia quadrigeminata</i>
2 LARGER YELLOW ANT	<i>Acanthomyops interjectus</i>
1 LEAF-CUTTER BEES	
2 LEAFFOOTED BUGS	
1 LIGHTNING BEETLES	
1 MAIZE WEEVIL	<i>Sitophilus zeamais Motschulsky</i>



1	MIDGES	
1	MINUTE BROWN SCAVENGER BEETLES	
2	NO BITING INSECTS FOUND	
3	NO INSECTS FOUND	
1	NO INSECTS OR MITES FOUND	
6	ODOROUS HOUSE ANT	<i>Tapinoma sessile</i>
1	ORB WEAVERS	
2	PAPER WASPS	<i>Polistes spp.</i>
1	PAVEMENT ANT	<i>Tetramorium caespitum</i>
1	PERIODICAL CICADA	<i>Magicicada septendecim</i>
1	PHORID FLIES	
1	POWDERPOST BEETLES	
1	PREDATORY STINK BUGS	
1	PROMACHUS RUFIPES	<i>Promachus rufipes</i>
4	PSOCIDS	
1	SEXTON BEETLES	<i>Nicrophorus spp.</i>
1	SILVERFISH	<i>Lepisma saccharina Linnaeus</i>
3	SMOOTH SPRINGTAILS	
1	SOLDIER FLIES	
1	SOLITARY BEES	
1	SOUTHERN BLACK WIDOW SPIDER	<i>Latrodectus mactans</i>
1	SPIDER WASPS	
1	SPIDERS	
1	STRAWBERRY ROOTWORM	<i>Paria fragariae Wilcox</i>
1	THIEF ANT	<i>Solenopsis molesta</i>
1	TUMBLING FLOWER BEETLES	
3	VARIED CARPET BEETLE	<i>Anthrenus verbasci</i>
1	VELLEDA LAPPET MOTH	<i>Tolype velleda</i>
1	VIRGINIA WOODS COCKROACH	<i>Parcoblatta virginica</i>
2	WESTERN CONIFER SEED BUG	<i>Leptoglossus occidentalis</i>
1	WHITE MARGINED BURROWER BUG	<i>Sehirus cinctus</i>
1	WIDOW SPIDERS	<i>Latrodectus sp.</i>
1	WINGED ANTS	
2	WOOD ROACHES	<i>Parcoblatta spp.</i>
1	No Diagnosis or Sample Quality Entered	

134	Total for House
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House Wood

3	BLACK CARPENTER ANT	<i>Camponotus pennsylvanicus</i>
10	EASTERN SUBTERRANEAN TERMITE	<i>Reticulitermes flavipes</i>
1	MASON BEES	
3	OLD HOUSE BORER	<i>Hylotrupes bajulus</i>

17 Total for House Wood

Outside on structure

2	ANTLIONS	
1	ANTS	
2	CROWNED SLUG	<i>Isa textula</i>
1	FISHING SPIDER	<i>Dolomedes tenebrosus</i>
1	MASON BEES	
1	MIDGES	
2	PAPER WASPS	<i>Polistes spp.</i>
1	Parthenice Tiger Moth	<i>Grammia parthenice</i>
1	TOMATO HORNWORM	<i>Manduca quinquemaculata</i>
1	UNDERWING MOTHS	<i>Catocala spp.</i>
1	VELLEDA LAPPET MOTH	<i>Tolyte velleda</i>
1	WALKINGSTICKS	
1	YELLOW GARDEN SPIDER	<i>Argiope aurantia</i>
1	No Diagnosis or Sample Quality Entered	

17 Total for Outside on structure

Soil Surface

1	ALLEGHENY MOUND ANT	<i>Formica exsectoides Forel</i>
1	BLACK MOUND ANTS	<i>Formica spp.</i>
1	FISHING SPIDERS	
3	GARDEN MILLIPEDE	<i>Oxidus gracilis</i>
1	GOLD AND BROWN ROVE BEETLES	<i>Ontholestes</i>
1	LASIIUS ANTS	<i>Lasius spp.</i>
2	PAVEMENT ANT	<i>Tetramorium caespitum</i>
1	RED CARPENTER ANT	<i>Camponotus ferrugineus</i>
1	SKIPPERS	
2	TRAPDOOR SPIDERS	
1	WHITESPOTTED SAWYER	<i>Monochamus scutellatus</i>
1	No Diagnosis or Sample Quality Entered	

16 Total for Soil Surface

Wood Flooring

1	BAMBOO POWDERPOST BEETLE	<i>Dinoderus minutus</i>
2	BORERS	
1	BROWN POWDERPOST BEETLE	<i>Lyctus brunneus</i>
1	OLD HOUSE BORER	<i>Hylotrupes bajulus</i>
3	POWDERPOST BEETLES	
6	SOUTHERN LYCTUS BEETLE	<i>Lyctus carbonarius</i> Waltl 1832
1	SUBTERRANEAN TERMITES	<i>Reticulitermes</i> spp.
1	WESTERN LYCTUS	<i>Lyctus cavicollis</i>

16 Total for Wood Flooring

Yard

1	BIGHEADED ANT	<i>Pheidole</i> spp.
1	FORMICA ANTS	<i>Formica</i> spp.
1	TOBACCO HORNWORM	<i>Manduca sexta</i>
1	TRAPDOOR SPIDERS	

4 Total for Yard

Human

Human

2	AMERICAN DOG TICK	<i>Dermacentor variabilis</i>
1	ASSASSIN BUGS	
2	BED BUG	<i>Cimex lectularius</i> Linnaeus
1	BED BUGS	
1	Black Corsair	<i>Melanolestes picipes</i>
2	COULD NOT DIAGNOSE	
2	DEER TICK	<i>Ixodes scapularis</i>
1	GREEN LACEWINGS	
3	GULF COAST TICK	<i>Amblyomma maculatum</i>
1	HEAD LOUSE	<i>Pediculus humanus capitis</i> De Geer
15	LONE STAR TICK	<i>Amblyomma americanum</i>
2	NO BITING INSECTS FOUND	
2	NO INSECTS OR MITES FOUND	
1	ONCOMETOPIA ORBONA	<i>Oncometopia orbona</i>
1	ROVE BEETLES	
1	SILVERFISH	<i>Lepisma saccharina</i> Linnaeus

1 SPINED OAK BORER *Elaphidion mucronatum*

39 Total for Human

Mulch

Compost

1 BLACK SOLDIER FLY *Hermetia illucens*

1 Total for Compost

Nonplant Material

Mulch

1 BOXELDER BUG *Leptocoris trivittatus*

1 SCULPTURED PINE BORER *Chalcophora virginienis*

2 Total for Mulch

Soil

1 CRANE FLIES

1 Unequal Cellophane Bee *Colletes inaequalis*

2 Total for Soil

Pest Survey

Oak

26 BARK BEETLES

1 CAMBIUM MINER *Phytobius sp.*

1 CARPENTERWORM *Prionoxystus robiniae*

1 CATERPILLARS

1 GLISCHROCHILIS SAP BEETLE *Glischrochilus sp.*

1 GRANULATE AMBROSIA BEETLE *Xylosandrus crassiusculus*

1 OAKWORMS *Datana spp.*

1 ROUNDHEADED BORERS

1 VARIABLE OAKLEAF CATERPILLAR *Heterocampa mantee*

1 Wolly Oak Aphid *Stegophylla essigi*

1 YELLOWNECKED CATERPILLAR *Datana ministra*

36 Total for Oak

Trap, Insect

32 BARK BEETLES

- 1 CYPRESS BARK BEETLES *Phloeosinus spp.*
- 1 EASTERN FIVESPINED IPS *Ips grandicollis*
- 1 EASTERN PINE ENGRAVER *Ips pini*
- 1 EUWALIACEA VALIDUS *Euwaliacea validus*
- 2 MOTHS

38 Total for Trap, Insect

Walnut

- 21 BARK BEETLES

21 Total for Walnut

Small Fruits

Blackberry

- 1 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*
- 1 Warty Leaf Beetles *Neochlamisus sp.*

2 Total for Blackberry

Blueberry

- 1 CLIMBING CUTWORMS
- 1 JUNE BEETLES

2 Total for Blueberry

Fig

- 1 Dried Fruit Beetle *Carpophilus hemipterus*
- 1 GRANULATE AMBROSIA BEETLE *Xylosandrus crassiusculus*
- 1 NO INSECTS FOUND

3 Total for Fig

Grape

- 1 CATERPILLARS
- 1 GRAPE FLEA BEETLE *Altica chalybea*
- 1 GRAPE ROOT BORER *Vitacea polistiformis*
- 1 GRAPE TOMATO GALL
- 2 GROUND BEETLES
- 6 MOTHS
- 1 WHITE MARGINED BURROWER BUG *Sehirus cinctus*

13 Total for Grape

Raspberry

1 BROAD MITE *Polyphagotarsonemus latus*

1 Total for Raspberry

Strawberry

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*

1 Total for Strawberry

Tree Fruits and Nuts

Apple

1 APPLE APHID *Aphis pomi DeGreer*

1 APPLE LEAF SKELETONIZER *Choreutis pariana*

1 BORERS

1 BROWN MARMORATED STINK BUG *Halyomorpha halys*

1 Common Fruit Fly *Drosophila melanogaster*

1 GRANULATE AMBROSIA BEETLE *Xylosandrus crassiusculus*

1 GREEN FRUITWORM *Lithophane antennata*

1 JAPANESE BEETLE *Popillia japonica Newman*

1 LESSER SHOTHOLE BORER *Xyleborinus saxeseni*

1 Orange-headed Epicallima Moth *Epicallima argenticinctella*

1 PLUM CURCULIO *Conotrachelus nenuphar*

1 ROOT MAGGOTS

2 WOOLLY APPLE APHID *Eriosoma lanigerum*

1 XYLOSANDRUS GERMANUS *Xylosandrus germanus*

15 Total for Apple

Cherry

1 CATERPILLARS

1 CHERRY SPINDLE GALL

1 JAPANESE BEETLE *Popillia japonica Newman*

3 Total for Cherry

Crabapple

1 GALL MIDGES

1 Total for Crabapple

Fruit Trees, Misc.

1 PERIODICAL CICADA *Magicicada septendecim*

1 Total for Fruit Trees, Misc.

Goji Berry

1 SALTMARSH CATERPILLAR *Estigmene acrea*

1 Total for Goji Berry

Lemon

1 THRIPS

3 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*

4 Total for Lemon

Nectarine

3 PLUM CURCULIO *Conotrachelus nenuphar*

3 Total for Nectarine

Peach

1 ORIENTAL FRUIT MOTH *Grapholita molesta*

1 PERIODICAL CICADA *Magicicada septendecim*

4 PLUM CURCULIO *Conotrachelus nenuphar*

1 ROVE BEETLES

1 SHOTHOLE BORER *Scolytus rugulosus*

8 Total for Peach

Pear

1 PEARLEAF BLISTER MITE *Eriophyes pyri*

1 Total for Pear

Persimmon

1 PERSIMMON PSYLLA *Trioza diospyri*

1 Total for Persimmon

Plum

1 BORERS

1 PEACHTREE BORER *Synanthedon exitiosa*

2 Total for Plum

Walnut

1 BARK BEETLES

1 SOUTHERN LYCTUS BEETLE *Lyctus carbonarius Waltl 1832*

3 WALNUT CATERPILLAR *Datana integerrima Grote & Robinson*

1 WALNUT TWIG BEETLE *Pityophthorus juglandis*

6 Total for Walnut

Trees

Alder

1 WOOLLY ALDER APHID *Paraprociophilus tessellatus*

1 Total for Alder

Arborvitae

5 ARBORVITAE LEAFMINER *Argyresthia thuiella*

1 MINUTE CYPRESS SCALE *Carulaspis minima*

8 SPRUCE MITE *Oligonychus ununguis*

1 SPRUCE SPIDER MITE *Oligonychus ununguis*

15 Total for Arborvitae

Ash

1 ASH BORER *Podosesia syringae*

1 BORERS

1 EASTERN ASH BARK BEETLE *Hylesinus aculeatus*

8 EMERALD ASH BORER *Agrilus planipennis* Fairmaire

1 LEAFCURL ASH APHID *Prociphilus fraxinifolii*

1 NOT AN INSECT

13 Total for Ash

Ash, Blue

1 BORERS

1 Total for Ash, Blue

Beech

1 BEECH BLIGHT APHID *Prociphilus imbricator*

1 FLATHEADED APPLETREE BORER *Chrysobothris femorata*

2 Total for Beech

Birch

1 JAPANESE BEETLE *Popillia japonica* Newman

2 SPINY WITCH-HAZEL GALL APHID *Hamamelistes spinosus*

3 Total for Birch

Black Gum

1 Black Gum Sawfly *Caliroa nyssae*

1 SCALE INSECTS

1 SOOTY MOLD

1 SOUR GUM SCALE *Phenacaspis nyssae*

4 Total for Black Gum

Black Locust

1 LOCUST LEAFMINER *Odontota dorsalis*

1 Total for Black Locust

Canbys Mountain Lover

1 EUONYMUS SCALE *Unaspis euonymi*

1 Total for Canbys Mountain Lover

Catalpa

1 CATALPA SPHINX *Ceratonia catalpae*

1 Total for Catalpa

Chestnut

1 GRANULATE AMBROSIA BEETLE *Xylosandrus crassiusculus*

1 JAPANESE BEETLE *Popillia japonica Newman*

2 Total for Chestnut

Cryptomeria

1 Cypress Bark Borer *Physocnemum andreae*

3 MASKELL SCALE *Lepidosaphes spp.*

4 ROUNDHEADED BORERS

1 SPRUCE MITE *Oligonychus ununguis*

9 Total for Cryptomeria

Cypress

3 BAGWORM *Thyridopteryx ephemeraeformis*

1 CONIFER SPITTLEBUGS *Aphrophora spp.*

1 NO INSECTS FOUND

5 Total for Cypress

Dogwood

2 DOGWOOD SAWFLY *Macremphytus tarsatus*

1 FLATHEADED APPLETREE BORER *Chrysobothris femorata*

2 JAPANESE BEETLE *Popillia japonica Newman*

1 Tombstone Pupae

6 Total for Dogwood

Elm

1	BETLES	
1	CERASTIPSOCUS VENOSUS	<i>Cerastipsocus venosus</i>
1	Double-lined Prominent	<i>Lochmaeus bilineata</i>
2	ELM LEAF BEETLE	<i>Pyrrhalta luteola</i>
3	LARGER ELM LEAF BEETLE	<i>Monocesta coryli</i>
1	White-lined Snout	<i>Hypena abalienalis</i>
1	WOOLLY ELM APHID	<i>Eriosoma americanum</i>

10 Total for Elm

Fir

4	CRYPTOMERIA SCALE	<i>Aspidiotus cryptomeriae Kuwana</i>
1	ELONGATE HEMLOCK SCALE	<i>Fiorinia externa Ferris</i>
1	PHYLLOPHAGA JUNE BEETLES	<i>Phyllophaga spp.</i>
3	SPRUCE MITE	<i>Oligonychus ununguis</i>

9 Total for Fir

Fringe Tree

1	FRINGETREE LACE BUG	<i>Leptoypha mutica</i>
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1 Total for Fringe Tree

Hackberry

1	Hackberry Emperor	<i>Asterocampa celtis</i>
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1 Total for Hackberry

Hemlock

1	HEMLOCK WOOLLY ADELGID	<i>Adelges tsugae</i>
2	SPRUCE MITE	<i>Oligonychus ununguis</i>

3 Total for Hemlock

Hickory

1	FLATHEADED APPLETREE BORER	<i>Chrysobothris femorata</i>
1	WALNUT CATERPILLAR	<i>Datana integerrima Grote & Robinson</i>

2 Total for Hickory

Honeylocust

1	HONEYLOCUST PLANT BUG	<i>Diaphnocoris chlorionis</i>
1	MIMOSA WEBWORM	<i>Homadaula anisocentra Meyrick</i>
1	Sparganothis sulfureana	<i>Sparganothis sulfureana</i>

3 Total for Honeylocust

Hornbeam

1	Hornbeam Mite	<i>Eotetranychus carpini</i>
1	LECANIUM SCALES	<i>Parthenolecanium spp.</i>
1	OYSTERSHELL SCALE	<i>Lepidosaphes ulmi</i>
1	Predatory Thrips	

4 Total for Hornbeam

Linden

1	BARKLOUSE	
1	JAPANESE BEETLE	<i>Popillia japonica Newman</i>

2 Total for Linden

Magnolia

1	FALSE OLEANDER SCALE	<i>Pseudaulacaspis cockerelli</i>
1	MAGNOLIA SCALE	<i>Neolecanium cornuparvum</i>

2 Total for Magnolia

Maple

1	BARK BEETLES	
2	CAMPBOR SHOT BORER	<i>Cnestus mutilatus</i>
1	COTTONY MAPLE LEAF SCALE	<i>Pulvinaria acericola</i>
2	GLOOMY SCALE	<i>Melanaspis tenebricosa</i>
1	GREEN LACEWINGS	
3	JAPANESE BEETLE	<i>Popillia japonica Newman</i>
1	LEAFTIERS	
1	Maple Shoot Borer	<i>Proteoterus aesculana (Riley)</i>
1	NORWAY MAPLE APHID	<i>Periphyllus lyropictus</i>
1	PENNSYLVANIA WOODS COCKROACH	<i>Parcoblatta pennsylvanica</i>
1	POTATO LEAFHOPPER	<i>Empoasca fabae</i>
2	ROUNDHEADED BORERS	
1	SPIDER MITES	

18 Total for Maple

Oak

1	ANTS	
1	Asian horntail	<i>Eriotremex formosanus</i>
1	CARPENTERWORM	<i>Prionoxystus robiniae</i>
1	CATERPILLARS	
1	FLOWER THRIPS	<i>Frankliniella tritici</i>

1	HORNED OAK GALL	<i>Callirhytis cornigera</i>
1	Mite Predator	<i>Phytoseiulus persimilis</i>
2	NO INSECTS FOUND	
3	OAK BUTTON GALL	<i>Neuroterus umbilicatus</i> Bass.
1	OAK ERINEUM GALLS	
1	OAK LACE BUG	<i>Corythucha arcuata</i>
2	OAK LECANIUM SCALE	<i>Parthenolecanium quercifex</i>
7	OAK SKELETONIZER	<i>Bucculatrix ainsliella</i> Murtfeldt
3	OAK SPIDER MITE	<i>Oligonychus bicolor</i>
1	ORANGESTRIPED OAKWORM	<i>Anisota senatoria</i>
1	PARIA LEAF BEETLES	<i>Paria</i> spp.
1	PERIODICAL CICADA	<i>Magicicada septendecim</i>
1	PIN OAK SAWFLY	<i>Caliroa lineata</i>
1	ROUNDHEADED BORERS	
5	SOLITARY OAK LEAFMINER	<i>Cameraria hamadryadella</i>
1	Striped Oak Webworm	<i>Pococera expandens</i>
2	VARIABLE OAKLEAF CATERPILLAR	<i>Heterocampa manteo</i>
2	WOOLLY OAK GALL	<i>Callirhytis lanata</i> Gill.

41 Total for Oak

Ornamental Cherry

1	COULD NOT DIAGNOSE	
1	FALL WEBWORM	<i>Hyphantria cunea</i>
2	JAPANESE BEETLE	<i>Popillia japonica</i> Newman
1	PEACHTREE BORER	<i>Synanthedon exitiosa</i>
1	PERIODICAL CICADA	<i>Magicicada septendecim</i>
1	ROUNDHEADED BORERS	
1	SHOTOLE BORER	<i>Scolytus rugulosus</i>
1	SOOTY MOLD	

9 Total for Ornamental Cherry

Ornamental Pear

1	NOT AN INSECT	
1	PEARLEAF BLISTER MITE	<i>Eriophyes pyri</i>

2 Total for Ornamental Pear

Pine

1	BAGWORM	<i>Thyridopteryx ephemeraeformis</i>
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1	BESS BEETLES	
1	BORERS	
1	COSSONUS BARK WEEVILS	<i>Cossonus sp.</i>
2	IMPERIAL MOTH	<i>Eacles imperialis</i>
2	NANTUCKET PINE TIP MOTH	<i>Rhyacionia frustrana</i>
1	NO INSECTS FOUND	
2	PALES WEEVIL	<i>Hylobius pales</i>
3	PINE NEEDLE SCALE	<i>Chionaspis pinifoliae</i>
1	PINE SAWYERS	<i>Monochamus spp.</i>
1	PITCH MASS BORER	<i>Synanthedon pini</i>
1	PITCH PINE MIDGE	<i>Retinudiplosis resinicola</i>
2	RIBBED PINE BORER	<i>Rhagium inquisitor</i>
1	ROUNDHEADED BORERS	
1	SOOTY MOLD	

21	Total for Pine
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Poplar

1	Carmine spider mite	<i>Tetranychus cinnabarinus</i>
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1	Total for Poplar
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Prunus

1	GREEDY SCALE	<i>Hemiberlesia rapax</i>
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1	Total for Prunus
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Redbud

2	REDBUD LEAFROLLER	<i>Fascista cercerisella</i>
1	VARIABLE OAKLEAF CATERPILLAR	<i>Heterocampa manteo</i>

3	Total for Redbud
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Snowbell

1	Yellow-bellied sapsucker	<i>Sphyrapicus varius</i>
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1	Total for Snowbell
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Spruce

1	FLATHEADED BORERS	
1	FLETCHER SCALE	<i>Parthenolecanium fletcheri</i>
1	JUNIPER SCALES	<i>Carulaspis spp.</i>
1	NO INSECTS FOUND	
1	NO MITES FOUND	

1	PINE SAWYERS	<i>Monochamus spp.</i>
1	PITCH MASS BORER	<i>Synanthedon pini</i>
1	SPRUCE BUD SCALE	<i>Physokermes piceae</i>
6	SPRUCE MITE	<i>Oligonychus ununguis</i>
4	SPRUCE SPIDER MITE	<i>Oligonychus ununguis</i>

18 Total for Spruce

Tree, Unknown

1	BALDFACED HORNET	<i>Dolichovespula maculata</i>
2	CERASTIPSOCUS VENOSUS	<i>Cerastipsocus venosus</i>
1	Elytrimitatrix undata	<i>Elytrimitatrix undata</i>
1	FALL WEBWORM	<i>Hyphantria cunea</i>
1	FLORIDA PREDATORY STINK BUG	<i>Euthyrhynchus floridanus L.</i>
1	HONEY BEE	<i>Apis mellifera L.</i>
1	PLUME MOTHS	
1	WALNUT CATERPILLAR	<i>Datana integerrima Grote & Robinson</i>

9 Total for Tree, Unknown

Trees, Miscellaneous

1	MOTHS	
1	WHEEL BUG	<i>Arilus cristatus</i>

2 Total for Trees, Miscellaneous

Willow

1	Arge Sawflies	<i>Arge sp.</i>
1	CECROPIA MOTH	<i>Hyalophora cecropia</i>
1	ROUNDHEADED BORERS	

3 Total for Willow

Willow, Black

1	GALL MITES	
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1 Total for Willow, Black

Woodlot

1	Golden-Backed Snipe Fly	<i>Chrysopilus thoracicus</i>
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1 Total for Woodlot

Yellow Poplar

1	FLOWER THRIPS	<i>Frankliniella tritici</i>
1	GRANULATE AMBROSIA BEETLE	<i>Xylosandrus crassiusculus</i>

- 1 Pinhole Ambrosia Beetle *Euplatypus compositus*
- 1 ROUNDHEADED BORERS

4 Total for Yellow Poplar

Turf

Turfgrass

- 1 ALLEGHENY MOUND ANT *Formica exsectoides Forel*
- 1 ANDRENID BEES
- 1 Annual Bluegrass Weevil *Listronotus maculicollis*
- 1 CRANE FLIES
- 1 DARK HOPLIA *Hoplia trivialis*
- 5 EARTHWORM *Lumbricus rubellus*
- 1 FIELD CRICKETS
- 2 GREEN JUNE BEETLE *Cotinis nitida*
- 1 ISABELLA TIGER MOTH *Pyrrharctia isabella*
- 1 JUNE BEETLES
- 2 Mining Bees *Andrena sp.*
- 3 NORTHERN MOLE CRICKET *Neocurtilla hexadactyla*
- 1 SKIFF CATERPILLAR *Prolimacodes badia Hbn.*

21 Total for Turfgrass

Unknown

Unknown Outdoor Plant

- 1 HOPLIA BEETLES *Hoplia spp.*
- 1 METALLIC WOOD BORERS
- 1 PICTUREWING FLIES
- 1 PSOCIDS

4 Total for Unknown Outdoor Plant

Unknown; No Site Specified

- 1 EASTERN PINE LOOPER *Lambdina arthasaria pellucidaria*
- 1 FALSE BOMBARDIER BEETLES *Galeritula spp.*
- 1 PHIDIPPUS AUDAX *Phidippus audax*

3 Total for Unknown; No Site Specified

Water

1 MIDGE LARVAE

1 **Total for Water**

Vegetables and Herbs

Asparagus

1 BLACK SWALLOWTAIL *Papilio polyxenes asterius Stoll*

1 **Total for Asparagus**

Bean

1 BEAN ROOT APHID *Smynthuroides betae Westwood*

2 FLOWER THRIPS *Frankliniella tritici*

1 JAPANESE BEETLE *Popillia japonica Newman*

1 LAPHRIA THORACICA *Laphria thoracica*

1 MEXICAN BEAN BEETLE *Epilachna varivestis Mulsant*

1 YELLOWSTRIPED ARMYWORM *Spodoptera ornithogalli*

7 **Total for Bean**

Broccoli

1 CABBAGE MAGGOT *Delia radicum*

1 CRUCIFER FLEA BEETLE *Phyllotreta cruciferae*

2 **Total for Broccoli**

Cabbage

1 CABBAGE MAGGOT *Delia radicum*

1 **Total for Cabbage**

Cantaloupe

1 VEGETABLE WEEVIL *Listroderus costirustris*

1 **Total for Cantaloupe**

Carrot

1 CARROT RUST FLY *Psila rosae*

1 **Total for Carrot**

Chives

1 FLOWER THRIPS *Frankliniella tritici*

1 **Total for Chives**

Cucumber

1 CUCUMBER BEETLES

1 PICKLEWORM *Diaphania nitidalis*

1 THRIPS

3 Total for Cucumber

Garlic

2 BULB MITE *Rhizoglyphus echinopus*

2 Total for Garlic

Gourd

1 SQUASH BUG *Anasa tristis*

1 Total for Gourd

Kale

1 IMPORTED CABBAGEWORM *Pieris rapae*

1 Total for Kale

Okra

1 VEGETABLE LEAFMINER *Liriomyza sativae* Blanchard

1 Total for Okra

Pepper

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Pepper

Plants, Miscellaneous

1 WHITEFLIES

1 Total for Plants, Miscellaneous

Potato

2 POTATO LEAFHOPPER *Empoasca fabae*

2 Total for Potato

Pumpkin

1 CUCUMBER BEETLES

1 SQUASH VINE BORER *Melittia cucurbitae*

2 Total for Pumpkin

Rosemary

1 Southern purple mint moth *Pyrausta laticlavia*

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae* Koch

2 Total for Rosemary

Spinach

- 1 GREEN PEACH APHID *Myzus persicae*
- 1 WOLF SPIDERS

2 Total for Spinach

Squash

- 2 CUCUMBER BEETLES
- 2 SQUASH BUG *Anasa tristis*
- 1 SQUASH VINE BORER *Melittia cucurbitae*

5 Total for Squash

Sweet Potato

- 1 YELLOWSTRIPED ARMYWORM *Spodoptera ornithogalli*

1 Total for Sweet Potato

Swiss Chard

- 1 ENTOMOBRYID SPRINGTAILS
- 1 GARDEN SYMPHYLAN *Scutigera immaculata*
- 1 SOWBUGS

3 Total for Swiss Chard

Tomato

- 1 APHIDS
- 1 BROWN MARMORATED STINK BUG *Halyomorpha halys*
- 2 FLOWER THRIPS *Frankliniella tritici*
- 2 GREENHOUSE WHITEFLY *Trialeurodes vaporariorum*
- 1 NO INSECTS FOUND
- 6 POTATO APHID *Macrosiphum euphorbiae*
- 3 TOMATO HORNWORM *Manduca quinquemaculata*
- 1 TOMATO RUSSET MITE *Aculops lycopersici*

17 Total for Tomato

Vegetable Garden Soil

- 1 SPHINX MOTHS

1 Total for Vegetable Garden Soil

Vegetables, Miscellaneous

- 1 LEAF-CUTTER BEES

1 Total for Vegetables, Miscellaneous

Zucchini

1 SQUASH VINE BORER *Melittia cucurbitae*

1 Total for Zucchini

Woody Ornamentals

Aucuba

1 FLORIDA WAX SCALE *Ceroplastes floridensis Comstock*

1 OLEANDER SCALE *Aspidiotus nerii Boucher*

2 Total for Aucuba

Autumn Olive

1 THRIPS

1 Total for Autumn Olive

Azalea

1 AZALEA BARK SCALE *Eriococcus azaleae Comstock*

10 AZALEA LACE BUG *Stephanitis pyrioides*

1 JAPANESE BEETLE *Popillia japonica Newman*

12 Total for Azalea

Barberry

3 BARBERRY WEBWORM *Omphalocera dentosa*

3 Total for Barberry

Bay Laurel

1 RED BAY PSYLLID *Trioza magnoliae*

1 Total for Bay Laurel

Bittersweet

1 SADDLEBACK CATERPILLAR *Sibine stimulea*

1 Total for Bittersweet

Boxwood

24 BOXWOOD LEAFMINER *Monarthropalpus buxi*

66 BOXWOOD MITE *Eurytetranychus buxi*

6 BOXWOOD PSYLLID *Psylla buxi*

1 COMBFOOTED SPIDERS

1 NOT AN INSECT

1 SOFT SCALES

- 1 Thinlegged Wolf Spider *Pardosa sp.*
- 2 No Diagnosis or Sample Quality Entered

102 Total for Boxwood

Burning Bush

- 1 OYSTERSHELL SCALE *Lepidosaphes ulmi*

1 Total for Burning Bush

Butterfly Bush

- 1 AMBUSH BUGS
- 1 WHEEL BUG *Ariilus cristatus*

2 Total for Butterfly Bush

Camellia

- 1 COTTONY CAMELLIA SCALE *Pulvinaria floccifera*
- 1 LATANIA SCALE *Hemiberlesia lataniae*
- 1 PURPLE TEA MITE *Calacarus carinatus*
- 1 SOUTHERN RED MITE *Oligonychus ilicis*
- 1 TEA SCALE *Fiorinia theae Green*

5 Total for Camellia

Chaste Tree

- 1 GIANT RESIN BEE *Megachile sculptularis Smith*

1 Total for Chaste Tree

Cherry

- 1 PLUM CURCULIO *Conotrachelus nenuphar*

1 Total for Cherry

Cherrylaurel

- 3 BLACK VINE WEEVIL *Otiorhynchus sulcatus*
- 1 GREEDY SCALE *Hemiberlesia rapax*
- 2 WHITE PEACH SCALE *Pseudaulacaspis pentagona*

6 Total for Cherrylaurel

Corylopsis Witch Hazel

- 1 GRANULATE AMBROSIA BEETLE *Xylosandrus crassiusculus*

1 Total for Corylopsis Witch Hazel

Crape Myrtle

- 1 APHIDS

1	CRAPE MYRTLE APHID	<i>Tinocallis kahawaluokalani</i>
2	CRAPE MYRTLE BARK SCALE	<i>Eriococcus lagerstroemiae</i> Kuwana
1	MULTICOLORED ASIAN LADY BEETLE	<i>Harmonia axyridis</i>
1	SCULPTURED PINE BORER	<i>Chalcophora virginiensis</i>
1	XYLOSANDRUS GERMANUS	<i>Xylosandrus germanus</i>

7 Total for Crape Myrtle

Elaeagnus

1 SPIDER MITES

1 Total for Elaeagnus

Euonymus

1 APHIDS

2 EUONYMUS CATERPILLAR *Yponomeuta cagnegella*

5 EUONYMUS SCALE *Unaspis euonymi*

1 SPIDERS

9 Total for Euonymus

Ficus

1 Dried Fruit Beetle *Carpophilus hemipterus*

1 Total for Ficus

Filbert

1 DARK HOPLIA *Hoplia trivialis*

1 Total for Filbert

Flowering Quince

1 FLORIDA WAX SCALE *Ceroplastes floridensis* Comstock

1 Total for Flowering Quince

Hibiscus

1 NIESTHREA LOUISIANICA *Niesthrea louisianica* Sailer

1 Total for Hibiscus

Holly

3 BLACK VINE WEEVIL *Otiorhynchus sulcatus*

1 COMSTOCK MEALYBUG *Pseudococcus comstocki*

2 COTTONY CAMELLIA SCALE *Pulvinaria floccifera*

1 GLOOMY SCALE *Melanaspis tenebricosa*

1 GREEDY SCALE *Hemiberlesia rapax*

- 1 JAPANESE MAPLE SCALE *Lopholeucaspis japonica*
- 2 LATANIA SCALE *Hemiberlesia lataniae*
- 1 NOT AN INSECT
- 1 SOUTHERN RED MITE *Oligonychus ilicis*

13 Total for Holly

Juniper

- 3 JUNIPER SCALES *Carulaspis spp.*
- 12 SPRUCE MITE *Oligonychus ununguis*
- 1 SPRUCE SPIDER MITE *Oligonychus ununguis*

16 Total for Juniper

Laurel

- 1 CATERPILLARS
- 1 SOUTHERN RED MITE *Oligonychus ilicis*

2 Total for Laurel

Lilac

- 1 EUROPEAN HORNET *Vespa crabro germana Christ*

1 Total for Lilac

Mahonia

- 1 NO INSECTS FOUND

1 Total for Mahonia

Nandina

- 2 MULBERRY WHITEFLY *Tetraleurodes mori*

2 Total for Nandina

Photinia

- 1 SOOTY MOLD

1 Total for Photinia

Plants, Miscellaneous

- 1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Plants, Miscellaneous

Poets Jasmine

- 1 SOOTY MOLD

1 Total for Poets Jasmine

Privet

1 No Diagnosis or Sample Quality Entered

1 Total for Privet

Pyracantha

1 COTTONY CAMELLIA SCALE *Pulvinaria floccifera*

1 HAWTHORN LACE BUG *Corythucha cydoniae*

2 Total for Pyracantha

Quince

1 NO INSECTS FOUND

1 Total for Quince

Rhododendron

1 LACE BUGS

1 RHODODENDRON BORER *Synanthedon rhododendri Beutenmuller*

2 RHODODENDRON LACE BUG *Stephanitis rhododendri Horvath*

4 Total for Rhododendron

Rose

1 FLATID PLANTHOPPERS

2 FLOWER THRIPS *Frankliniella tritici*

1 HUNTING SPIDERS

1 JAPANESE BEETLE *Popillia japonica Newman*

1 NO MITES FOUND

1 NURSERY-WEB SPIDERS

1 ROSE APHID *Macrosiphum rosae*

1 ROSE STEM SAWFLY *Hartigia trimaculata Say*

2 ROESLUG *Endelomyia aethiops*

2 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*

13 Total for Rose

Rose-of-Sharon

1 FLOWER THRIPS *Frankliniella tritici*

1 JAPANESE BEETLE *Popillia japonica Newman*

2 Total for Rose-of-Sharon

Skimmia

1 BLACK VINE WEEVIL *Otiorhynchus sulcatus*

1 Total for Skimmia

Sumac1 SUMAC DATANA *Datana perspicua g&r.***1 Total for Sumac****Viburnum**

1 LEAF BEETLES

1 TWOMARKED TREEHOPPER *Enchenopa binotata***2 Total for Viburnum****0 Samples with No Host Specified**

County Data 2017

County	# of Samples	% of Total
Out of State	1	0.1
ACCOMACK, VA	16	1.4
ALBEMARLE, VA	67	5.9
ALEXANDRIA CITY, VA	2	0.2
ALLEGHANY, VA	5	0.4
AMELIA, VA	5	0.4
AMHERST, VA	4	0.4
APPOMATTOX, VA	5	0.4
ARLINGTON, VA	13	1.2
AUGUSTA, VA	19	1.7
BATH, VA	1	0.1
BEDFORD, VA	25	2.2
BLAND, VA	3	0.3
BOTETOURT, VA	12	1.1
BRUNSWICK, VA	3	0.3
BUCHANAN, VA	3	0.3
CAMPBELL, VA	6	0.5
CAROLINE, VA	4	0.4
CARROLL, VA	9	0.8
CHESAPEAKE CITY, VA	13	1.2

CHESTERFIELD, VA	25	2.2
CLARKE, VA	1	0.1
CRAIG, VA	9	0.8
CULPEPER, VA	4	0.4
CUMBERLAND, VA	5	0.4
DANVILLE CITY, VA	4	0.4
DICKENSON, VA	8	0.7
DINWIDDIE, VA	6	0.5
ESSEX, VA	1	0.1
FAIRFAX, VA	25	2.2
FAUQUIER, VA	5	0.4
FLOYD, VA	3	0.3
FLUVANNA, VA	11	1.0
FRANKLIN, VA	26	2.3
FREDERICK, VA	17	1.5
GILES, VA	32	2.8
GLOUCESTER, VA	12	1.1
GOOCHLAND, VA	4	0.4
GRAYSON, VA	7	0.6
GREENE, VA	6	0.5
GREENSVILLE, VA	3	0.3
HALIFAX, VA	3	0.3
HAMPTON CITY, VA	8	0.7
HANOVER, VA	24	2.1
HENRICO, VA	21	1.9
HENRY, VA	5	0.4
HIGHLAND, VA	1	0.1
ISLE OF WIGHT, VA	2	0.2
JAMES CITY, VA	34	3.0
KING GEORGE, VA	3	0.3
KING WILLIAM, VA	5	0.4
LANCASTER, VA	9	0.8
LEE, VA	2	0.2
LOUDOUN, VA	19	1.7

LOUISA, VA	11	1.0
LUNENBURG, VA	2	0.2
LYNCHBURG CITY, VA	17	1.5
MADISON, VA	4	0.4
MECKLENBURG, VA	7	0.6
MIDDLESEX, VA	5	0.4
MONTGOMERY, VA	88	7.8
NELSON, VA	14	1.2
NEW KENT, VA	6	0.5
NEWPORT NEWS CITY, VA	30	2.7
NORFOLK CITY, VA	11	1.0
NORTHAMPTON, VA	2	0.2
NORTHUMBERLAND, VA	14	1.2
NOTTOWAY, VA	8	0.7
ORANGE, VA	8	0.7
PAGE, VA	8	0.7
PATRICK, VA	4	0.4
PETERSBURG CITY, VA	1	0.1
PITTSYLVANIA, VA	12	1.1
PORTSMOUTH CITY, VA	13	1.2
POWHATAN, VA	13	1.2
PRINCE EDWARD, VA	3	0.3
PRINCE GEORGE, VA	2	0.2
PRINCE WILLIAM, VA	13	1.2
PULASKI, VA	9	0.8
RAPPAHANNOCK, VA	10	0.9
RICHMOND, VA	1	0.1
RICHMOND CITY, VA	19	1.7
ROANOKE, VA	34	3.0
ROCKBRIDGE, VA	18	1.6
ROCKINGHAM, VA	11	1.0
RUSSELL, VA	8	0.7
SCOTT, VA	3	0.3

SHENANDOAH, VA	6	0.5
SMYTH, VA	6	0.5
SOUTHAMPTON, VA	4	0.4
SPOTSYLVANIA, VA	9	0.8
STAFFORD, VA	10	0.9
SUFFOLK CITY, VA	2	0.2
SUSSEX, VA	4	0.4
TAZEWELL, VA	2	0.2
VIRGINIA BEACH, VA	30	2.7
WARREN, VA	6	0.5
WASHINGTON, VA	16	1.4
WESTMORELAND, VA	8	0.7
WISE, VA	11	1.0
WYTHE, VA	7	0.6
YORK, VA	34	3.0
Total	1,130	
Samples with no county entered	0	