

Insect Identification Laboratory Publication

Revised 2023

Insect Identification Laboratory

Annual Report 2022



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INTRODUCTION

This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 2022.

A total of 1032 requests were received in 2022. Those 939 requests produced 1032 determinations as some samples had multiple insects or mites.

In 2022, 515 or 50% of samples were submitted electronically, highlighted in blue, see Source of Samples on page 4.

In 2022, 117 or 11% of samples were submitted as referrals from the Plant Disease Clinic, see Source of Samples on page 4.

The laboratory is located in 205A Price Hall and is managed by Eric R. Day, Lab Manager, and Theresa Dellinger, Assistant Lab Manager, Department of Entomology, Virginia Tech, Blacksburg, Virginia.

Front cover photo: Elm Zigzag Sawfly, Rockbridge County, 14 July 2021, *Ulmus pumila*. Eric Day, Virginia Tech.

Monthly Submission Summary

Month	# Samples
2022 *	
January	26 *
February	23 *
March	37 *
April	62 *
May	117 *
June	121 *
July	127 *
August	131 *
September	110 *
October	92 *
November	51 *
December	42 *
Total for 2022 within the specified date range	939 *
Grand Total	939

Source of Samples

Row Labels	Count of SubmissionType
Agent	141
Agent Electronic	212
EDDMaps	8
eXtension Ask an Expert	35
Government, Local	35
Mail In	32
Mail-in Citizen Electronic	242
Mail-in Electronic	17
Medical Doctor	2
Museum	1
National Park Service (NPS)	1
Referral from Plant Disease Clinic	117
SLF Detection Portal	1
USDA APHIS PPQ	3
VDACS	97
VDF	2
Virginia Department of Corrections	1
VPI Campus	8
VPI Entomology	53
VPI Station	7
Walk-In	17
Grand Total	1032

Samples were submitted electronically are highlighted in blue

Samples were a referral from the Plant Disease Clinic are highlighted in yellow

Source of samples

Submitter Affiliation Summary

Submitter Type	# of Samples	% of Total
Alson H. Smith, Jr. AREC	23	2 %
APHIS-VA Wildlife Conflict Helpline	2	0 %
Crop and Soil Environmental Sciences	0	0 %
Eastern Shore AREC	3	0 %
Entomology	178	19 %
Extension Agent or Staff	564	60 %
Extension Specialist - Campus	0	0 %
Forestry	4	0 %
Hampton Roads AREC	7	1 %
Horticulture	0	0 %
Master Gardener	3	0 %
Medical Doctor	2	0 %
National Park Service	0	0 %
Northern Piedmont AREC	0	0 %
Plant Pathology, Physiology and Weed Science	1	0 %
Researcher, University	0	0 %
Shenandoah Valley AREC	1	0 %
Southern Piedmont AREC	1	0 %
Southwest Virginia AREC	0	0 %
State Agency	1	0 %
Survey	24	3 %
Tidewater AREC	1	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	51	5 %
VDACS, Office of Plant Protection	41	4 %
Veterinary College	0	0 %
Virginia State University	0	0 %
Virginia Tech	2	0 %
Walk-in or Direct Mail-in	25	3 %
Warsaw AREC	0	0 %
Winchester AREC	0	0 %
Total	939	

Crop Category

Crop Location	# of Samples	% of Total
Animal	4	0.4
Arboretum	0	0.0
Athletic Field	0	0.0
Barn or other structure for animals	1	0.1
Barn, Shed, or Outbuilding	3	0.3
Bee Hive	2	0.2
Botanical Garden	2	0.2
Botanical Garden	0	0.0
Building	22	2.3
Christmas Tree Farm	4	0.4
Cold Frame	0	0.0
Compost	2	0.2
Container in Landscape	3	0.3
Driveway	1	0.1
Driveway or Sidewalk	12	1.3
drug, pharmaceutical product	2	0.2
Earth Box	0	0.0
Feed	0	0.0
Field/Farm	16	1.7
Firewood	0	0.0
Food, Food Products	0	0.0
Forest	6	0.6
Garden	25	2.7
Garden center	0	0.0
Golf Course	0	0.0
Green Roof	0	0.0
Greenhouse	23	2.4
Ground	1	0.1
Growth chamber	0	0.0
Heated hoop house	0	0.0
High Tunnel	0	0.0
Hoop House	1	0.1
House	116	12.4
House	19	2.0

House Wood	20	2.1
Household and Recreational Area	0	0.0
Human	36	3.8
Hydroponic Culture	0	0.0
Indoor Plant	0	0.0
Insect	0	0.0
Kitchen, Pantry, or food storage area	0	0.0
Lake	1	0.1
Lawn/Landscape	316	33.7
Lumber	0	0.0
Mason bee house	0	0.0
Maze	0	0.0
Mountain	0	0.0
Mulch or Compost	1	0.1
Museum	0	0.0
Natural Setting	9	1.0
None Given	0	0.0
Nursery	19	2.0
Orchard	10	1.1
Other	2	0.2
Outdoor Potted Plant	0	0.0
Park	3	0.3
Parking Lot	3	0.3
Pasture	2	0.2
Playground	0	0.0
Pond	0	0.0
Pool	3	0.3
Porch, Deck, or Patio	25	2.7
Potted Plant	3	0.3
Poultry House	0	0.0
Raised Bed	0	0.0
Research Plot	0	0.0
Research, indoor	1	0.1
Retail Outlet	1	0.1
River	1	0.1
Roadside	2	0.2
Sentinel plot	0	0.0
Shopping Center / Parking Lot	1	0.1

Sidewalk	6	0.6
Sod Farm	0	0.0
Soil	0	0.0
Spring	0	0.0
Starting Bed	0	0.0
Storage	0	0.0
Stored Products	12	1.3
Traffic Island	0	0.0
Trap, Insect	130	13.8
Tree Farm	0	0.0
Unknown	36	3.8
Vehicle	10	1.1
Vineyard	19	2.0
Vineyard	0	0.0
Water Garden	1	0.1
Water system, House	0	0.0
water well	0	0.0
Wetlands	1	0.1
Wildlife Habitat	0	0.0
Total	939	
Samples with no crop location specified	0	

93 Record(s)

Host Pest Data for 2022

No Crop Type Specified	
Bluebell; Mertensia	
1 SNOWBERRY CLEARWING	<i>Hemaris diffinia</i>
1	Total for Bluebell; Mertensia
Cussonia	
1 Spotted lanternfly	<i>Lycorma delicatula</i>
1	Total for Cussonia
drug	
1 ANTS	
1	Total for drug
English (True) Daisy	
1 Flower Thrips	<i>Frankliniella sp.</i>
1	Total for English (True) Daisy
Green Onion Bamboo	
1 INSECT EGGS	
1	Total for Green Onion Bamboo
Heuchera	
1 REDHEADED FLEA BEETLE	<i>Systema frontalis</i>
1	Total for Heuchera
Japanese Snowball	
1 EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
1	Total for Japanese Snowball
Lumber	
1 NO INSECTS FOUND	
1	Total for Lumber
Mushroom	
1 PLEASING FUNGUS BEETLES	
1	Total for Mushroom
Outside on ground	
1 ALLEGHENY MOUND ANT	<i>Formica exsectoides Forel</i>
1 Biglegged Plant Bug	<i>Acanthocephala declivis</i>
1 BOXELDER BUG	<i>Leptocoris trivittatus</i>
2 CATERPILLARS	

1 COMMON STONEFLIES	
1 COULD NOT DIAGNOSE	
1 Damselflies; Dragonflies	<i>Order Odonata</i>
3 Eastern Cicada Killer	<i>Sphecius speciosus</i>
1 EASTERN HERCULES BEETLE	<i>Dynastes tityus</i>
7 EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
1 FLORIDA PREDATORY STINK BUG	<i>Euthyrhynchus floridanus L.</i>
2 GARDEN MILLIPEDE	<i>Oxidus gracilis</i>
1 Giant water bugs	
3 GREEN JUNE BEETLE	<i>Cotinis nitida</i>
1 HERMIT SPHINX	<i>Sphinx eremitus</i>
3 Jumping Worm	<i>Amyntas spp</i>
1 KATYDIDS	
1 LARGER ELM LEAF BEETLE	<i>Monocesta coryli</i>
2 LUNA MOTH	<i>Actias luna</i>
1 NOT AN INSECT	
3 RED IMPORTED FIRE ANT	<i>Solenopsis invicta Buren</i>
1 RUSTIC SPHINX	<i>Manduca rustica</i>
1 SALTMARSH CATERPILLAR	<i>Estigmene acrea</i>
1 SPHINX MOTHS	
15 Spotted lanternfly	<i>Lycorma delicatula</i>
1 SUGARCANE BEETLE	<i>Euetheola rugiceps</i>
1 Terrestrial flatworm	<i>Bipalium adventitium</i>
2 Terrestrial flatworm	<i>Bipalium kewense</i>
1 Tiger moth	<i>Apantesis sp./spp.</i>
1 TIGER MOTHS	
2 VELVET ANT	<i>Dasymutilla occidentalis</i>
1 VELVET ANTS	
1 VIRGIN TIGER MOTH	<i>Apantesis virgo</i>
1 WOOLLY APHIDS	

67	Total for Outside on ground
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Shell Ginger

1 BLACK SCALE	<i>Saissetia oleae</i>
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1	Total for Shell Ginger
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Vehicle

1 PLANT BUGS	
1 Zelus Assassin Bugs	<i>Zelus sp.</i>

2	Total for Vehicle
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Wild Leek; Ramp

1 CLOVER MITE

*Bryobia praetiosa Koch***1** Total for Wild Leek; Ramp**Wood**

1 FLAT BUGS

1 Total for Wood**Animal****Cat**

1 HARD TICKS

1 Total for Cat**Domestic Dog**1 IXODES TICKS *Ixodes spp.*

1 MITES

2 Total for Domestic Dog**Animal Feed****Feed, Animal**1 SAWTOOTHED GRAIN BEETLE *Oryzaephilus surinamensis***1** Total for Feed, Animal**Bee Hive****Bee Hive**2 EUROPEAN HORNET *Vespa crabro germana Christ***2** Total for Bee Hive**Field Crops****Alfalfa**

1 CLOVER ROOT CURCULIO

Sitona hispidulus

1 NOT AN INSECT

2 Total for Alfalfa**Corn**

1 CORN ROOTWORMS

*Diabrotica spp.***1** Total for Corn

Hayfield

1 LASIUS ANTS *Lasius spp.*

1 Total for Hayfield

Orchardgrass

1 CLOVER MITE *Bryobia praetiosa Koch*

1 Total for Orchardgrass

Pasture

1 Eastern Cicada Killer *Sphecius speciosus*

1 Total for Pasture

Small Grain

1 RED FLOUR BEETLE *Tribolium castaneum*

1 SAWTOOTHED GRAIN BEETLE *Oryzaephilus surinamensis*

2 Total for Small Grain

Soybean

1 GREEN JUNE BEETLE *Cotinis nitida*

1 Treehopper *Microtalis calva*

2 Total for Soybean

Wheat

1 DARKWINGED FUNGUS GNATS

1 Total for Wheat

general

Pharmaceuticals

1 FLIES

1 Total for Pharmaceuticals

Herbaceous Ornamentals and Indoor Plants

African Violet

1 CITRUS MEALYBUG *Planococcus citri*

1 Total for African Violet

Anemone

1 APHIDS

1 Total for Anemone

Coleus

1 GREAT LEOPARD MOTH *Ecpantheria scribonia*

1	Total for Coleus
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Coral Bells

1 BROAD MITE	<i>Polyphagotarsonemus latus</i>
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1	Total for Coral Bells
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Dahlia

1 FLOWER THRIPS	<i>Frankliniella tritici</i>
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1 TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae</i> Koch
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2	Total for Dahlia
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Elderberry

1 SMALL CARPENTER BEE	<i>Ceratina</i> spp.
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1 TENTHREDINID SAWFLIES	
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2	Total for Elderberry
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Fern

1 FERN SCALE	<i>Pinnaspis aspidistrae</i>
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1	Total for Fern
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Geranium

1 BROAD MITE	<i>Polyphagotarsonemus latus</i>
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1 LONGLEGGED FLIES	
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2	Total for Geranium
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Globe Amaranth

1 SPIDER MITES	
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1	Total for Globe Amaranth
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Hellebore

2 APHIDS	
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2	Total for Hellebore
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Hosta

1 LONGLEGGED FLIES	
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1	Total for Hosta
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Impatiens

1 NYMPHALID BUTTERFLIES	
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1	Total for Impatiens
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Iris

1 DOGDAY CICADA	<i>Tibicen</i> spp.
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1	Total for Iris
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Larkspur

1 BROAD MITE	<i>Polyphagotarsonemus latus</i>
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1 Total for Larkspur

Lavender

1 BROWN GARDEN SNAIL *Helix aspersa*

1 Total for Lavender

Lemon

1 BROWN SOFT SCALE *Coccus hesperidum Linnaeus*

1 Total for Lemon

Lotus

1 LEECH

1 Total for Lotus

Mandevilla

1 NO INSECTS FOUND

1 Total for Mandevilla

Morning Glory

1 COULD NOT DIAGNOSE

1 Total for Morning Glory

Orchid

1 BOISDUVAL SCALE *Diaspis boisduvalli Signoret*

1 HEMISPHERICAL SCALE *Saissetia coffeae*

1 NO MITES FOUND

3 Total for Orchid

Palm

1 BOISDUVAL SCALE *Diaspis boisduvalli Signoret*

1 Total for Palm

Pawpaw

1 CAMPHOR SHOT BORER *Cnестus mutilatus*

1 Spotted lanternfly *Lycorma delicatula*

2 Total for Pawpaw

Phlox

1 PHLOX PLANT BUG *Lopidea davisii Knight*

1 Total for Phlox

Plant, Unknown

1 SATURNIID MOTHS

1 SOWBUGS

1 Spotted lanternfly *Lycorma delicatula*

1 WHITESPOTTED SAWYER *Monochamus scutellatus*

4 Total for Plant, Unknown

Plants, Miscellaneous

- 1 APHIDS
- 1 TUSSOCK MOTHS

2 Total for Plants, Miscellaneous

Poinsettia

- 1 CITRUS MEALYBUG *Planococcus citri*

1 Total for Poinsettia

Russian Sage

- 1 FLORIDA PREDATORY STINK BUG *Euthyrhynchus floridanus L.*

1 Total for Russian Sage

Salvia

- 1 NO INSECTS OR MITES FOUND

1 Total for Salvia

Household and Recreational Area

Automobile; recreational vehicle

- 1 APHIDS
- 1 Biglegged Plant Bug *Acanthocephala declivis*
- 1 CROWNED SLUG *Isa textula*
- 2 NO INSECTS OR MITES FOUND
- 1 PROMACHUS RUFIPES *Promachus rufipes*
- 1 TRIATOMA LECTICULARIA *Triatoma lecticularia*

7 Total for Automobile; recreational vehicle

Building

- 1 BAT BUG *Cimex adjunctus*
- 1 BEAUTIFUL WOOD NYMPH *Eudryas grata*
- 1 BEETLES
- 1 Bird Mites *Ornithonyssus*
- 2 BLOW FLIES
- 2 CARPENTER ANTS *Camponotus spp.*
- 1 COMMON EASTERN BUMBLE BEE *Bombus impatiens*
- 1 COULD NOT DIAGNOSE
- 1 GROUND BEETLES
- 1 IMPERIAL MOTH *Eacles imperialis*
- 1 INDIANMEAL MOTH *Plodia interpunctella*
- 1 Jumping Worm *Amyntas spp*

1 LARDER BEETLE	<i>Dermestes lardarius L.</i>
1 Northern Paper Wasp	<i>Polistes fuscatus</i>
1 PAPER WASPS	<i>Polistes spp.</i>
1 Spotted lanternfly	<i>Lycorma delicatula</i>

18 Total for Building

Driveway/Sidewalk

1 DARKWINGED FUNGUS GNATS	
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1 Total for Driveway/Sidewalk

Food; Food Products

1 BLACK CARPET BEETLE	<i>Attagenus megatoma</i>
3 CARPET BEETLES	
1 DRUGSTORE BEETLE	<i>Stegobium paniceum</i>
1 FIREBRAT	<i>Thermobia domestica</i>
1 INDIANMEAL MOTH	<i>Plodia interpunctella</i>
1 LESSER MEALWORM	<i>Alphitobius diaperinus</i>
2 RED FLOUR BEETLE	<i>Tribolium castaneum</i>
2 VARIED CARPET BEETLE	<i>Anthrenus verbasci</i>

12 Total for Food; Food Products

House

1 ACANTHOCEPHALA TERMINALIS	<i>Acanthocephala terminalis</i>
1 AEOLUS WIREWORMS	<i>Aeolus spp.</i>
1 ANGOUMOIS GRAIN MOTH	<i>Sitotroga cerealella</i>
2 ANTLIONS	
1 ANTS	
1 APHAENOGASTER ANTS	<i>Aphaenogaster sp.</i>
1 APHIDS	
2 BED BUG	<i>Cimex lectularius Linnaeus</i>
2 BEETLES	
1 Bibionid march fly	<i>Dilophus sp./spp.</i>
1 Bird Mites	<i>Ornithonyssus</i>
1 BITING MIDGES	
1 BLACK CARPENTER ANT	<i>Camponotus pennsylvanicus</i>
1 BOXELDER BUG	<i>Leptocoris trivittatus</i>
2 BROWN MARMORATED STINK BUG	<i>Halyomorpha halys</i>
1 BROWN PRIONID	<i>Orthosoma brunneum</i>
1 CARPET BEETLES	
1 CHESTNUT WEEVILS	<i>Curculio sp.</i>
1 CIMEX BUGS	<i>Cimex spp.</i>

2 CLOVER MITE	<i>Bryobia praetiosa</i> Koch
1 COMMON EASTERN BUMBLE BEE	<i>Bombus impatiens</i>
1 COMMON STONEFLIES	
2 COREID BUGS	
8 COULD NOT DIAGNOSE	
1 DADDY-LONGLEGS	
1 DARK HOPLIA	<i>Hoplia trivialis</i>
7 DARKWINGED FUNGUS GNATS	
1 DIOGMITES ROBBER FLIES	<i>Diogmites sp.</i>
1 DRAIN FLIES	
1 Drosophilidae vinegar flies	
1 DRUGSTORE BEETLE	<i>Stegobium paniceum</i>
1 Eastern Cicada Killer	<i>Sphecius speciosus</i>
1 EASTERN CONENOSE	<i>Triatoma sanguisuga</i>
4 EASTERN SUBTERRANEAN TERMITES	<i>Reticulitermes flavipes</i>
26 EUROPEAN HORNET	<i>Vespa crabro germana</i> Christ
1 FORMICA ANTS	<i>Formica spp.</i>
1 GERMAN COCKROACH	<i>Blattella germanica</i>
1 GRAIN MITE	<i>Acarus siro</i> Linnaeus
1 granary weevils	<i>Sitophilus spp.</i>
1 GRASSHOPPERS	
1 GREEN JUNE BEETLE	<i>Cotinis nitida</i>
1 HELEOMYZID FLIES	
1 HONEY BEE	<i>Apis mellifera</i> L.
1 HUNTING SPIDERS	
1 INDIANMEAL MOTH	<i>Plodia interpunctella</i>
1 LAMPYRID BEETLES	
1 Leafblotch leafminers	<i>Family Gracillariidae</i>
1 LEAFHOPPERS	
1 LEAFROLLING CRICKETS	
1 LONGHORNED BEETLES	
2 MARCH FLIES	
1 MEAL MOTH	<i>Pyralis farinalis</i> Linnaeus
1 MIDGES	
1 MOTH FLIES	
1 MURKY MEAL MOTH	<i>Aglossa caprealis</i> Hubner
1 NO BED BUGS FOUND	
2 NO BITING INSECTS FOUND	
3 NO INSECTS OR MITES FOUND	

4 NOT AN INSECT	
1 OAK TIMBERWORM	<i>Arrhenodes minutus</i>
1 ODOROUS HOUSE ANT	<i>Tapinoma sessile</i>
1 ORANGE ASSASSIN BUG	<i>Pselliopus barberi</i>
2 ORB WEAVERS	
1 ORIENTAL COCKROACH	<i>Blatta orientalis Linnaeus</i>
3 PAPER WASPS	<i>Polistes spp.</i>
1 PARASITIC WASPS	
1 PHANAEUS VINDEK	<i>Phanaeus vindex MacLeay</i>
2 PHORID FLIES	
1 PINE SAWYERS	<i>Monochamus spp.</i>
1 PSOCIDS	
1 SAWTOOTHED GRAIN BEETLE	<i>Oryzaephilus surinamensis</i>
1 SMOKYBROWN COCKROACH	<i>Periplaneta fuliginosa</i>
1 SPIDER WASPS	
1 SPIDERS	
1 Spined Assassin Bugs	<i>Sinea sp.</i>
4 Spotted lanternfly	<i>Lycorma delicatula</i>
2 SPRINGTAILS	
1 STINK BUGS	
1 THIEF ANT	<i>Solenopsis molesta</i>
1 THREADWAISTED WASPS	
1 TILEHORNED PRIONUS	<i>Prionus imbricornis</i>
1 Triceratops beetle	<i>Phileurus truncatus</i>
1 WESTERN CONIFER SEED BUG	<i>Leptoglossus occidentalis</i>
1 WHITESPOTTED SAWYER	<i>Monochamus scutellatus</i>
2 WOLF SPIDERS	
2 WOOD ROACHES	<i>Parcoblatta spp.</i>
1 YELLOWJACKETS	
1 No Diagnosis or Sample Quality Entered	

152 Total for House

House Wood

1 BEETLES	
1 COULD NOT DIAGNOSE	
1 HARPALUS GROUND BEETLES	<i>Harpalus SP.</i>
1 POWDERPOST BEETLES	
1 SUBTERRANEAN TERMITES	<i>Reticulitermes spp.</i>
1 WESTERN LYCTUS	<i>Lyctus cavicollis</i>

6 Total for House Wood

Outside on structure

3 Bibionid march fly	<i>Dilophus sp./spp.</i>
1 BLACK CARPENTER ANT	<i>Camponotus pennsylvanicus</i>
1 CAMPHOR SHOT BORER	<i>Cnestus mutilatus</i>
1 CAROLINA MANTID	<i>Stagmomantis carolina</i>
1 CARPENTER BEE	<i>Xylocopa virginica</i>
2 Eastern Cicada Killer	<i>Sphecius speciosus</i>
1 EASTERN SUBTERRANEAN TERMITE	<i>Reticulitermes flavipes</i>
34 EUROPEAN HORNET	<i>Vespa crabro germana</i> Christ
1 FISHING SPIDER	<i>Dolomedes tenebrosus</i>
1 FISHING SPIDERS	
1 GLENURUS GRATUS	<i>Glenurus gratus</i>
1 GREEN LACEWINGS	
1 MANTIDFLIES	
1 MARCH FLIES	
1 March fly	<i>Penthetria heteroptera</i>
1 MIDGES	
1 NOT AN INSECT	
1 PARASITIC WASPS	
1 PIGEON TREMEX	<i>Tremex columba</i>
1 Red-legged Buprestis	<i>Buprestis rufipes</i>
1 SALTMARSH CATERPILLAR	<i>Estigmene acrea</i>
1 SHORE FLIES	
1 Sidewalk Mites	
1 SMALL WINTER STONEFLIES	
2 Spotted lanternfly	<i>Lycorma delicatula</i>
1 Tiger moth	<i>Apantesis sp./spp.</i>
1 TULIPTREE SILKMOTH	<i>Callosamia angulifera</i>
1 Vespid Polistes wasp	<i>Polistes metricus</i>
1 WALKINGSTICKS	
1 No Diagnosis or Sample Quality Entered	

67 Total for Outside on structure

Soil Surface

1 Jumping Worm	<i>Amyntas spp</i>
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1 Total for Soil Surface

Wood Flooring

- 1 ANTS
- 4 BORERS

1 BROWNBANDED COCKROACH	<i>Supella longipalpa</i>
1 LONGHORNED BEETLES	
5 POWDERPOST BEETLES	
2 ROUNDHEADED BORERS	
4 SOUTHERN LYCTUS BEETLE	<i>Lyctus carbonarius Waltl 1832</i>

18 Total for Wood Flooring

Wooden object

1 LONGHORNED BEETLES	
1 ROUNDHEADED BORERS	

2 Total for Wooden object

Yard

1 ALLEGHENY MOUND ANT	<i>Formica exsectoides Forel</i>
1 ANNELID WORMS	
1 ANTS	
1 BLUE-WINGED WASP	<i>Scolia dubia</i>
1 BUMBLE BEES	<i>Bombus sp.</i>
1 COULD NOT DIAGNOSE	
1 CRAYFISH	
1 DRAGONFLIES	
2 Eastern Cicada Killer	<i>Sphecius speciosus</i>
4 EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
2 GREEN JUNE BEETLE	<i>Cotinis nitida</i>
2 Jumping Worm	<i>Amyntas spp</i>
1 MIDGES	
1 Myrmica Ants	<i>Myrmica sp./spp.</i>
1 OIL BEETLE	<i>Meloe spp.</i>
2 ORB WEAVERS	
2 PANDORUS SPHINX	<i>Eumorpha pandorus</i>
1 PINK-SPOTTED HAWK MOTH	<i>Agrius cingulatus</i>
1 ROBBER FLIES	
2 Rusty spider wasp	<i>Tachypompilus ferrugineus</i>
1 SPHINX MOTHS	
2 Spotted lanternfly	<i>Lycorma delicatula</i>
1 Tiger Bee Fly	<i>Xenox tigrinus</i>
1 TORTRICID MOTHS	
1 YELLOW WOOLLYBEAR	<i>Spilosoma virginica</i>

35 Total for Yard

Human

Human

2 AMERICAN DOG TICK	<i>Dermacentor variabilis</i>
1 ANTS	
2 BED BUG	<i>Cimex lectularius Linnaeus</i>
1 Bird Mites	<i>Ornithonyssus</i>
1 BLACK BLOW FLY	<i>Phormia regina</i>
1 BLACKLEGGED TICK	<i>Ixodes scapularis</i>
1 BLOW FLIES	
4 COULD NOT DIAGNOSE	
2 DEER TICK	<i>Ixodes scapularis</i>
1 GULF COAST TICK	<i>Amblyomma maculatum</i>
2 HARD TICKS	
2 HEAD LOUSE	<i>Pediculus humanus capitis De Geer</i>
1 IXODES TICKS	<i>Ixodes spp.</i>
9 LONE STAR TICK	<i>Amblyomma americanum</i>
1 MITES	
3 NO INSECTS OR MITES FOUND	
1 NORAPE OVINA	<i>Norape ovina</i>
1 NOT AN INSECT	
1 PAVEMENT ANT	<i>Tetramorium caespitum</i>
1 PHORID FLIES	
1 PSOCIDS	
1 TROPICAL RAT MITE	<i>Ornithonyssus bacoti</i>
1 VELVET ANTS	

41 Total for Human

Mulch

Compost

1 COULD NOT DIAGNOSE	
1 GARDEN MILLIPEDE	<i>Oxidus gracilis</i>

2 Total for Compost

Nonplant Material

Mulch

1 Jumping Worm	<i>Amyntas spp</i>
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1 Total for Mulch

Soil

- 1 CRANE FLIES
- 1 Flat-backed Millipedes
- 1 JAPANESE BEETLE *Popillia japonica* Newman
- 1 NORTHERN MASKED CHAFER *Cyclocephala borealis* Arrow

4 Total for Soil

Vinyl Siding

- 1 NOT AN INSECT

1 Total for Vinyl Siding

Pest Survey

Trap, Insect

- | | |
|------------------------------|------------------------------------|
| 2 ACROBAT ANTS | <i>Crematogaster spp.</i> |
| 1 APHAENOGASTER ANTS | <i>Aphaenogaster sp.</i> |
| 77 BARK BEETLES | |
| 1 BEAN PLATASPID | <i>Megacopta cribraria</i> |
| 2 BEETLES | |
| 1 EASTERN FIVESPINED IPS | <i>Ips grandicollis</i> |
| 1 FALL ARMYWORM | <i>Spodoptera frugiperda</i> |
| 2 FALSE HONEY ANT | <i>Prenolepis imparis</i> |
| 2 FORMICA ANTS | <i>Formica spp.</i> |
| 8 GRANULATE AMBROSIA BEETLE | <i>Xylosandrus crassiusculus</i> |
| 1 GRAPE LEAFFOLDER | <i>Desmia funeralis</i> |
| 1 LASIUS ANTS | <i>Lasius spp.</i> |
| 1 LESSER SHOTHOLE BORER | <i>Xyleborinus saxeseni</i> |
| 1 LITTLE BLACK ANT | <i>Monomorium minimum</i> |
| 1 LONGHORNED BEETLES | |
| 1 MASKED CHAFER | <i>Cyclocephala sp.</i> |
| 23 MOTHS | |
| 1 NORTHERN MASKED CHAFER | <i>Cyclocephala borealis</i> Arrow |
| 1 Oxoplatypus quadridentatus | <i>Oxoplatypus quadridentatus</i> |
| 1 PHEIDOLE ANTS | <i>Pheidole spp.</i> |
| 1 PINE SAWYERS | <i>Monochamus spp.</i> |
| 1 SCARAB BEETLES | |
| 2 Spongy moth | <i>Lymantria dispar</i> |
| 3 TETRAMORIUM ANTS | <i>Tetramorium spp.</i> |
| 1 THIEF ANT | <i>Solenopsis molesta</i> |
| 1 TRUE BUGS | |

1 Velvet Longhorned Beetle	<i>Trichoferus campestris</i>
17 WALNUT TWIG BEETLE	<i>Pityophthorus juglandis</i>
1 WEEVILS	
1 WHITE GRUBS	

158 Total for Trap, Insect

Small Fruits

Blueberry

2 BARK BEETLES	
1 LEAFFOOTED BUG	<i>Leptoglossus phyllopus</i>
1 LEAFFOOTED BUGS	
1 Lycid net-winged beetle	<i>Calopteron sp./spp.</i>
1 OEDOPHRYS HILLERI	<i>Oedophrys hilleri</i>
1 ONCOMETOPIA ORBONA	<i>Oncometopia orbona</i>

7 Total for Blueberry

Fig

1 POLYPHEMUS MOTH	<i>Antheraea polyphemus</i>
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1 Total for Fig

Grape

1 BROAD-NECKED ROOT BORER	<i>Prionus laticollis</i>
1 Cottony grape scale	<i>Pulvinaria vitis</i>
1 GRAPE FLEA BEETLE	<i>Altica chalybea</i>
2 Spotted lanternfly	<i>Lycorma delicatula</i>
1 TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae Koch</i>
1 Whitecrossed Seed Bug	<i>Neacoryphus bicrucis</i>

7 Total for Grape

Tree Fruits and Nuts

Apple

1 CAROLINA MANTID	<i>Stagmomantis carolina</i>
1 Eastern Tiger Swallowtail	<i>Papilio glaucus Linnaeus</i>
1 GRANULATE AMBROSIA BEETLE	<i>Xylosandrus crassiusculus</i>
1 MAY BEETLES	<i>Phyllophaga spp.</i>
1 TORTRICID MOTHS	
1 WOOLLY APPLE APHID	<i>Eriosoma lanigerum</i>

6 Total for Apple

Asian Pear

1 JAPANESE MAPLE SCALE *Lopholeucaspis japonica*

1 Total for Asian Pear

Peach

1 ALLEGHENY MOUND ANT *Formica exsectoides* Forel

1 ASIATIC GARDEN BEETLE *Maladera castanea*

1 COULD NOT DIAGNOSE

1 GROUND BEETLES

1 PLUM CURCULIO *Conotrachelus nenuphar*

5 Total for Peach

Persimmon

1 WHITE PEACH SCALE *Pseudaulacaspis pentagona*

1 Total for Persimmon

Walnut

1 ICHNEUMONID WASPS

1 POWDERPOST BEETLES

2 Total for Walnut

Trees

Arborvitae

2 ARBORVITAE LEAFMINER *Argyresthia thuiella*

3 BAGWORM *Thyridopteryx ephemeraeformis*

2 JUNIPER SCALES *Carulaspis* spp.

1 SPITTLEBUGS

1 SPRUCE SPIDER MITE *Oligonychus ununguis*

9 Total for Arborvitae

Ash

1 EMERALD ASH BORER *Agrilus planipennis* Fairmaire

1 PIGEON TREMEX *Tremex columba*

2 Total for Ash

Beech

1 APHIDS

2 BEECH BLIGHT APHID *Prociphilus imbricator*

1 BEECH SCALE *Cryptococcus fagisuda*

4 Total for Beech

Birch

1 EUROPEAN HORNET *Vespa crabro germana* Christ

1 Total for Birch

Black Gum

1 SWEETGUM SCALE *Diaspidiotus liquidambaris*

1 Total for Black Gum

Catalpa

1 Catalpa Sphinx *Ceratonia catalpae*

1 EUROPEAN HORNET *Vespa crabro germana* Christ

2 Total for Catalpa

Cedar

1 BARK BEETLES

1 GARDEN MILLIPEDE *Oxidus gracilis*

1 SARCOPHAGA FLESH FLIES *Sarcophaga, sp.*

3 Total for Cedar

Cottonwood

1 Spotted lanternfly *Lycorma delicatula*

1 Total for Cottonwood

Cryptomeria

1 MASKELL SCALE *Lepidosaphes spp.*

1 SPRUCE SPIDER MITE *Oligonychus ununguis*

2 Total for Cryptomeria

Cypress

1 SALTMARSH CATERPILLAR *Estigmene acrea*

1 Spotted lanternfly *Lycorma delicatula*

2 Total for Cypress

Dogwood

1 CALICO SCALE *Eulecanium cerasorum*

1 DOGWOOD SAWFLY *Macremphytus tarsatus*

1 STINK BUGS

3 Total for Dogwood

Eastern Red Cedar

1 SPRUCE MITE *Oligonychus ununguis*

1 Total for Eastern Red Cedar

Elm

1 Elm Zigzag Sawfly *Aproceros leucopoda*

1 LARGER ELM LEAF BEETLE *Monocesta coryli*

2 **Total for Elm**

Fir

1 CRYPTOMERIA SCALE *Aspidiotus cryptomeriae Kuwana*

1 FRASER FIR ROOT APHID *Prociphilus americanus*

2 **Total for Fir**

Franklinia

1 Ribbed cocoon maker *Bucculatrix sp./spp.*

1 **Total for Franklinia**

Hemlock

1 ELONGATE HEMLOCK SCALE *Fiorinia externa Ferris*

1 HEMLOCK WOOLLY ADELGID *Adelges tsugae*

1 NO INSECTS OR MITES FOUND

3 **Total for Hemlock**

Hickory

1 Hickory leaf stem gall aphid *Phylloxera caryaecaulis*

1 **Total for Hickory**

Hornbeam

1 European hornbeam leafminer *Stigmella microtheriella*

1 JAPANESE BEETLE *Popillia japonica Newman*

1 Oriental bark beetles *Hypothenemus*

3 **Total for Hornbeam**

Juniper

1 JUNIPER SCALES *Carulaspis spp.*

1 SPRUCE SPIDER MITE *Oligonychus ununguis*

2 **Total for Juniper**

Magnolia

1 COULD NOT DIAGNOSE

1 INDIAN WAX SCALE *Ceroplastes ceriferus*

1 LEAFFOOTED BUG *Leptoglossus phyllopus*

2 MAGNOLIA SCALE *Neolecanium cornuparvum*

1 PSOCIDS

1 SOOTY MOLD

1 TULIPTREE SCALE *Toumeyella liriodendri*

8 **Total for Magnolia**

Maple

1 APHIDS

1 BAGWORM *Thyridopteryx ephemeraeformis*

1 BARKLICE	
1 JAPANESE MAPLE SCALE	<i>Lopholeucaspis japonica</i>
1 LEAF SKELETONIZERS	
1 REDHEADED ASH BORER	<i>Neoclytus acuminatus</i>
1 SOOTY MOLD	
1 Spotted lanternfly	<i>Lycorma delicatula</i>
1 WOOLLY ALDER APHID	<i>Paraprociophilus tessellatus</i>

9	Total for Maple
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Oak

3 CARPENTERWORM	<i>Prionoxystus robiniae</i>
3 DEFOLIATORS	
1 FALL CANCKERWORM	<i>Alsophila pometaria</i>
1 FLATHEADED BORERS	
1 HORNED OAK GALL	<i>Callirhytis cornigera</i>
1 INSECT GALLS	
1 LEAFMINERS	
1 OAK BUTTON GALL	<i>Neuroterus umbilicatus</i> Bass.
1 OAK LACE BUG	<i>Corythucha arcuata</i>
4 OAK SKELETONIZER	<i>Bucculatrix ainsliella</i> Murtfeldt
1 OAK SPIDER MITE	<i>Oligonychus bicolor</i>
1 Oak Stump Borer	<i>Paranthrene simulans</i>
1 OAK TREEHOPPER	<i>Platycotis vittata</i>
1 Oak vein pocket gallmaker	<i>Macrodiplosis quercusoruca</i>
1 ORANGESTRIPED OAKWORM	<i>Anisota senatoria</i>
1 PERIODICAL CICADA	<i>Magicicada septendecim</i>
1 PINKSTRIPED OAKWORM	<i>Anisota virginensis</i>
1 ROUNDHEADED BORERS	
2 Spongy moth	<i>Lymantria dispar</i>
1 YELLOWNECKED CATERPILLAR	<i>Datana ministra</i>

28	Total for Oak
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Ornamental Cherry

1 AMBROSIA BEETLES	
1 GRANULATE AMBROSIA BEETLE	<i>Xylosandrus crassiusculus</i>

2	Total for Ornamental Cherry
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Ornamental Pear

1 PEARLEAF BLISTER MITE	<i>Eriophyes pyri</i>
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1	Total for Ornamental Pear
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Pine

1 AMBER SNAIL	
2 BARK BEETLES	
1 COSSONUS BARK WEEVILS	<i>Cossonus sp.</i>
2 EASTERN PINE ENGRAVER	<i>Ips pini</i>
1 PINE SAWYERS	<i>Monochamus spp.</i>
1 PITYOGENES HOPKINSI	<i>Pityogenes hopkinsi</i>
1 REDHEADED PINE SAWFLY	<i>Neodiprion lecontei</i>

9 Total for Pine

Redbud

1 AMBROSIA BEETLES	
1 SADDLEBACK CATERPILLAR	<i>Sibine stimulea</i>
1 SPIDER MITES	
1 XYLOSANDRUS GERMANUS	<i>Xylosandrus germanus</i>

4 Total for Redbud

Serviceberry

1 HAWTHORN LACE BUG	<i>Corythucha cydoniae</i>
1 TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae Koch</i>

2 Total for Serviceberry

Snowbell

1 Spotted lanternfly	<i>Lycorma delicatula</i>
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1 Total for Snowbell

Spruce

1 CRYPTOMERIA SCALE	<i>Aspidiotus cryptomeriae Kuwana</i>
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1 Total for Spruce

Sycamore

1 NOT INSECT DAMAGE	
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1 Total for Sycamore

tree of heaven

1 BARK BEETLES	
1 BEETLES	
1 ERIOPHYID MITES	
1 GROUND BEETLES	
10 Spotted lanternfly	<i>Lycorma delicatula</i>

14 Total for tree of heaven

Tree, Unknown

2 BALDFACED HORNET	<i>Dolichovespula maculata</i>
1 BOXELDER BUG	<i>Leptocoris trivittatus</i>

1 CALLIGRAPHA SCALARIS	<i>Calligrapha scalaris</i>
2 COULD NOT DIAGNOSE	
1 CROWNED SLUG	<i>Isa textula</i>
1 EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
1 LUNA MOTH	<i>Actias luna</i>
1 NOT AN INSECT	
1 ORANGESTRIPED OAKWORM	<i>Anisota senatoria</i>
1 PARASITIC WASPS	
1 PUSS CATERPILLAR	<i>Megalopyge opercularis</i>
1 ROUNDHEADED BORERS	
1 TREEHOPPERS	
1 No Diagnosis or Sample Quality Entered	

16 Total for Tree, Unknown

Tree-of-heaven

1 NOT AN INSECT	
1 Spotted lanternfly	<i>Lycorma delicatula</i>

2 Total for Tree-of-heaven

Willow

1 GIANT BARK APHID	<i>Longistigma caryae</i>
1 IMPORTED WILLOW LEAF BEETLE	<i>Plagioderia versicolora</i>

2 Total for Willow

Turf

Turfgrass

1 Jumping Worm	<i>Amyntas spp</i>
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1 Total for Turfgrass

Unknown

Unknown Outdoor Plant

1 Bean leafroller	<i>Urbanus proteus</i>
1 Bee assassin	<i>Apiomerus crassipes</i>
1 CROWNED SLUG	<i>Isa textula</i>
1 Spotted lanternfly	<i>Lycorma delicatula</i>
1 VARIEGATED FRITILLARY	<i>Euptoieta claudia</i>
1 WAVY LINED EMERALD	<i>Synchlora aerata</i>
2 WHEEL BUG	<i>Arilus cristatus</i>
1 WHITEFLIES	

9 Total for Unknown Outdoor Plant**Unknown; No Site Specified**

1 AMERICAN CARRION BEETLE	<i>Necrophila americana L.</i>
1 BOXELDER BUG	<i>Leptocoris trivittatus</i>
1 BROAD-NECKED ROOT BORER	<i>Prionus laticollis</i>
1 CAMPONOTUS CASTANEUS	<i>Camponotus castaneus</i>
5 COULD NOT DIAGNOSE	
1 DARKWINGED FUNGUS GNATS	
1 Eastern Cicada Killer	<i>Sphecius speciosus</i>
5 EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
1 FISHING SPIDER	<i>Dolomedes tenebrosus</i>
2 FLORIDA PREDATORY STINK BUG	<i>Euthyrhynchus floridanus L.</i>
1 FORMICA ANTS	<i>Formica spp.</i>
1 GREEN STINK BUG	<i>Acrosternum hilare</i>
1 HUMPBACKED FLIES	
1 Hybridized fire ant	<i>Solenopsis invicta x richteri</i>
2 Jumping Worm	<i>Amyntas spp</i>
1 LEAFFOOTED PINE SEED BUG	<i>Leptoglossus corculus</i>
1 MEGARHYSSA ATRATA	<i>Megarhyssa atrata</i>
1 NURSERY-WEB SPIDERS	
1 PAINTED HICKORY BORER	<i>Megacyllene caryae</i>
1 PICTUREWING FLIES	
1 SARCOPHAGA FLESH FLIES	<i>Sarcophaga, sp.</i>
1 Spotted lanternfly	<i>Lycorma delicatula</i>
2 Terrestrial flatworm	<i>Bipalium adventitium</i>
1 Terrestrial flatworm	<i>Bipalium kewense</i>
1 TIGER MOTHS	
1 WHEEL BUG	<i>Arilus cristatus</i>

37 Total for Unknown; No Site Specified**Vegetables and Herbs****Asparagus**

1 ANTS

1 Total for Asparagus**Basil**

1 COMMON THRIPS

1 Gray Hairstreak

Strymon melinus

1 Spotted lanternfly

Lycorma delicatula

3	Total for Basil
Cabbage	
1	CATERPILLARS
1	Total for Cabbage
Collards	
1	HARLEQUIN BUG <i>Murgantia histrionica</i>
1	Total for Collards
Cowpea	
1	BROWN MARMORATED STINK BUG <i>Halyomorpha halys</i>
1	Total for Cowpea
Eggplant	
1	EGGPLANT FLEA BEETLE <i>Epithrix fuscula</i> Crotch
1	Total for Eggplant
Garlic	
1	BULB MITE <i>Rhizoglyphus echinopus</i>
1	ONION MAGGOT <i>Delia antiqua</i>
2	Total for Garlic
Okra	
1	COULD NOT DIAGNOSE
1	Total for Okra
Oregano	
1	Pyraustine Pyralid Moth <i>Pyrausta spp.</i>
1	Total for Oregano
Plants, Miscellaneous	
1	Carolina leaf-roller cricket <i>Camptonotus carolinensis</i>
1	Total for Plants, Miscellaneous
Potato	
1	ORIENTAL BEETLE <i>Anomala orientalis</i>
1	Total for Potato
Pumpkin	
1	STRIPED CUCUMBER BEETLE <i>Acalymma vittatum</i>
1	Total for Pumpkin
Rhubarb	
1	RHUBARB CURCULIO <i>Lixus concavus</i> Say
1	Total for Rhubarb

Spinach

1 COULD NOT DIAGNOSE

1 Total for Spinach

Squash

1 No Diagnosis or Sample Quality Entered

1 Total for Squash

Tomato

1 BLACK BLISTER BEETLE *Epicauta pennsylvanica*
1 CATERPILLARS
1 DIOGMITES ROBBER FLIES *Diogmites sp.*
1 FLEA BEETLES
1 Flower Thrips *Frankliniella sp.*
1 GARDEN FLEAHOPPER *Halticus bractatus*
1 GREEN PEACH APHID *Myzus persicae*
1 NO MITES FOUND
1 TOMATO RUSSET MITE *Aculops lycopersici*
1 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*

10 Total for Tomato

Vegetable Garden Soil

1 ARMYWORM *Pseudaletia unipuncta*
1 BLACK MOUND ANTS *Formica spp.*
1 VEGETABLE WEEVIL *Listroderus costirustris*

3 Total for Vegetable Garden Soil

Weeds

Milkweed

1 GIANT RESIN BEE *Megachile sculptularis Smith*

1 Total for Milkweed

Virginia Creeper

1 Spotted lanternfly *Lycorma delicatula*

1 Total for Virginia Creeper

Woody Ornamentals

Azalea

1 TWOBANDED JAPANESE WEEVIL *Callirhopalus bifasciatus*

1 Total for Azalea

Black chokecherry1 UGLYNEST CATERPILLAR *Archips cerasivorana***1 Total for Black chokecherry****Boxwood**

1 AMBER SNAIL

18 BOXWOOD LEAFMINER *Monarthropalpus buxi*29 BOXWOOD MITE *Eurytetranychus buxi*1 Boxwood psyllid *Cacopsylla buxi*2 Boxwood webworm *Galasa nigrinodis*

1 COULD NOT DIAGNOSE

1 FLATID PLANTHOPPERS

1 ICHNEUMONID WASPS

1 JAPANESE MAPLE SCALE *Lopholeucaspis japonica*

1 LACEWINGS

2 Old BOXWOOD PSYLLID now in new genus *Psylla buxi*

1 SPIDERS

1 SUCCINEA AMBER SNAILS *Succinea spp.***60 Total for Boxwood****Burning Bush**1 TWOBANDED JAPANESE WEEVIL *Callirhopalus bifasciatus***1 Total for Burning Bush****Camellia**1 AUSTRALIAN COCKROACH *Periplaneta australasiae*1 BROAD MITE *Polyphagotarsonemus latus*1 TEA SCALE *Fiorinia theae Green***3 Total for Camellia****Cherrylaurel**2 BLACK VINE WEEVIL *Otiorhynchus sulcatus*

1 CICADAS

3 Total for Cherrylaurel**Crape Myrtle**1 ALLEGHENY MOUND ANT *Formica exsectoides Forel*

1 BORERS

10 CRAPE MYRTLE BARK SCALE *Eriococcus lagerstroemiae Kuwana*1 LARGER YELLOW ANT *Acanthomyops interjectus*1 WHEEL BUG *Arilus cristatus***14 Total for Crape Myrtle**

Euonymus

1 EUONYMUS SCALE

*Unaspis euonymi***1 Total for Euonymus****Ficus**

1 Poinsettia Thrips

Echinothrips americanus

1 THRIPS

1 TOBACCO THRIPS

*Frankliniella fusca***3 Total for Ficus****Hibiscus**

1 SOLDIER BEETLES

1 THRIPS

2 Total for Hibiscus**Holly**

1 Aceria eriophyd mite

Aceria sp./spp.

1 CAMELLIA SCALE

Lepidosaphes camelliae Hoke

1 GALL MITES

1 LATANIA SCALE

*Hemiberlesia lataniae***4 Total for Holly****Juniper**

1 FLATHEADED BORERS

1 Total for Juniper**Lilac**

1 COULD NOT DIAGNOSE

1 LATANIA SCALE

*Hemiberlesia lataniae***2 Total for Lilac****Nandina**

1 Aceria eriophyd mite

Aceria sp./spp.

1 WHITEFLIES

2 Total for Nandina**Rose**

1 ROSE ROSETTE MITE

*Phyllocoptes fructiphilus Keifer***1 Total for Rose****Rose-of-Sharon**

1 NIESTHREA LOUISIANICA

*Niesthrea louisianica Sailer***1 Total for Rose-of-Sharon****Shrub, Unknown**

1 Azalea plant bug	<i>Rhinocapsus vanduzeei</i>
1	Total for Shrub, Unknown
Tea plant	
1 Black citrus aphid	<i>Toxoptera aurantii</i>
1	Total for Tea plant
Viburnum	
1 BAGWORM	<i>Thyridopteryx ephemeraeformis</i>
1 INDIAN WAX SCALE	<i>Ceroplastes ceriferus</i>
2	Total for Viburnum
Winterberry	
1 COULD NOT DIAGNOSE	
1 LAMPYRID BEETLES	
1 LEAFHOPPERS	
3	Total for Winterberry
Witchhazel	
1 COULD NOT DIAGNOSE	
1 DEFOLIATORS	
2	Total for Witchhazel
Yew	
1 FLETCHER SCALE	<i>Parthenolecanium fletcheri</i>
1	Total for Yew
0	Samples with No Host Specified

County Data, source of samples 2022

County	# of Samples	% of Total
ACCOMACK, VA	4	0.4
ALBEMARLE, VA	49	5.2
ALEXANDRIA CITY, VA	5	0.5
ALLEGHANY, VA	4	0.4
AMHERST, VA	10	1.1

APPOMATTOX, VA	1	0.1
ARLINGTON, VA	11	1.2
AUGUSTA, VA	12	1.3
BATH, VA	4	0.4
BEDFORD, VA	12	1.3
BLAND, VA	1	0.1
BOTETOURT, VA	4	0.4
BRUNSWICK, VA	3	0.3
BUCKINGHAM, VA	2	0.2
CAMPBELL, VA	2	0.2
CAROLINE, VA	2	0.2
CARROLL, VA	20	2.1
CHARLOTTE, VA	2	0.2
CHESAPEAKE CITY, VA	6	0.6
CHESTERFIELD, VA	28	3.0
CLARKE, VA	5	0.5
CRAIG, VA	9	1.0
CULPEPER, VA	12	1.3
CUMBERLAND, VA	1	0.1
DANVILLE CITY, VA	4	0.4
DICKENSON, VA	4	0.4
DINWIDDIE, VA	4	0.4
ESSEX, VA	2	0.2
FAIRFAX, VA	53	5.6
FAUQUIER, VA	21	2.2
FLOYD, VA	19	2.0
FLUVANNA, VA	2	0.2
FRANKLIN, VA	3	0.3
FREDERICK, VA	28	3.0
GILES, VA	8	0.9
GLOUCESTER, VA	3	0.3
GOOCHLAND, VA	6	0.6
GRAYSON, VA	2	0.2
GREENE, VA	4	0.4
GREENSVILLE, VA	3	0.3
HALIFAX, VA	3	0.3

HAMPTON CITY, VA	3	0.3
HANOVER, VA	12	1.3
HENRICO, VA	53	5.6
HIGHLAND, VA	3	0.3
ISLE OF WIGHT, VA	9	1.0
JAMES CITY, VA	5	0.5
KING AND QUEEN, VA	1	0.1
KING GEORGE, VA	1	0.1
KING WILLIAM, VA	2	0.2
LANCASTER, VA	2	0.2
LEE, VA	6	0.6
LOUDOUN, VA	22	2.3
LOUISA, VA	4	0.4
LYNCHBURG CITY, VA	11	1.2
MADISON, VA	4	0.4
MATHEWS, VA	2	0.2
MIDDLESEX, VA	1	0.1
MONTGOMERY, VA	58	6.2
NELSON, VA	22	2.3
NEWPORT NEWS CITY, VA	6	0.6
NORFOLK CITY, VA	7	0.7
NORTHAMPTON, VA	1	0.1
NORTHUMBERLAND, VA	2	0.2
NOTTOWAY, VA	5	0.5
ORANGE, VA	11	1.2
Out of State	9	1.0
PAGE, VA	20	2.1
PATRICK, VA	5	0.5
PETERSBURG CITY, VA	1	0.1
PITTSYLVANIA, VA	3	0.3
POWHATAN, VA	15	1.6
PRINCE EDWARD, VA	2	0.2
PRINCE GEORGE, VA	2	0.2
PRINCE WILLIAM, VA	17	1.8
PULASKI, VA	5	0.5
RAPPAHANNOCK, VA	13	1.4

RICHMOND CITY, VA	12	1.3
RICHMOND, VA	1	0.1
ROANOKE, VA	31	3.3
ROCKBRIDGE, VA	12	1.3
ROCKINGHAM, VA	16	1.7
RUSSELL, VA	4	0.4
SCOTT, VA	10	1.1
SHENANDOAH, VA	11	1.2
SMYTH, VA	6	0.6
SOUTHAMPTON, VA	5	0.5
SPOTSYLVANIA, VA	6	0.6
STAFFORD, VA	14	1.5
SUFFOLK CITY, VA	4	0.4
TAZEWELL, VA	4	0.4
VIRGINIA BEACH, VA	14	1.5
WARREN, VA	9	1.0
WASHINGTON, VA	19	2.0
WESTMORELAND, VA	7	0.7
WILLIAMSBURG CITY, VA	3	0.3
WISE, VA	5	0.5
WYTHE, VA	13	1.4
YORK, VA	10	1.1
Total	939	