



Virginia Cooperative Extension

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Insect Identification Laboratory Publication

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Insect Identification Laboratory

Annual Report 2018



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INTRODUCTION

A total of 1123 requests were received in 2018. This report summarizes the activity of the Insect Identification Laboratory at Virginia Tech for 2018. 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: *Lycorma delicatula*, Frederick County, January 12, 2018, photo by Eric Day

Monthly Submission Summary

Month	# Samples
2018 *	
January	41 *
February	39 *
March	58 *
April	60 *
May	123 *
June	157 *
July	139 *
August	164 *
September	109 *
October	89 *
November	58 *
December	86 *
Total for 2018 within the specified date range	1,123 *
Grand Total	1,123

Submitter Affiliation Summary

Submitter Type	# of Samples	% of Total
Alson H. Smith, Jr. AREC	12	1%
APHIS-VA Wildlife Conflict Helpline	0	0%
Buildings and Grounds	0	0%
Commercial Greenhouse[Disabled]	0	0%
Crop and Soil Environmental Sciences	0	0%
Eastern Shore AREC	0	0%
Entomology	192	17%
Eric Bowen	0	0%
Extension Agent or Staff	736	66%
Extension Specialist - Campus	3	0%
Food Science and Technology	0	0%
Forestry	0	0%
Hampton Roads AREC	7	1%
Horticulture	1	0%
Master Gardener	1	0%
Master Gardener Coordinator	0	0%
Medical Doctor	1	0%
Northern Piedmont AREC	0	0%
Plant Pathology, Physiology and Weed Science	7	1%
Researcher, University	0	0%
Shenandoah Valley AREC	0	0%
Southern Piedmont AREC	0	0%
Southwest Va AREC	0	0%
SPDN Lab	0	0%
State Agency	2	0%
Survey	14	1%
Tidewater AREC	0	0%
Univeristy or College	0	0%
University or College	1	0%
Unknown	1	0%
US Forest Service	1	0%

USDA APHIS PPQ	0	0%
VA Department of Forestry	20	2%
VDACS	3	0%
VDACS, Office of Plant Protection	86	8%
Veterinary College	1	0%
Virginia State University	0	0%
Virginia Tech	2	0%
Walk-in or Direct Mail-in	32	3%
Warsaw AREC	0	0%
Winchester AREC	0	0%
Total	1,123	

Crop Category

Crop Category	# of Samples	% of Total
Animal	12	1.1
Animal Feed	6	0.6
Bait	0	0
Bee Hive	3	0.3
Field Crops	21	1.9
Fungi/Slime Molds/Algae	0	0
general	0	0
Herbaceous Ornamentals and Indoor Plants	52	4.8
Household and Recreational Area	267	24.5
Human	46	4.2
Insect	1	0.1
Moss	0	0
Mulch	1	0.1
No Sample	0	0
Nonplant Material[Disabled]	1	0.1
Nonturf Grasses	0	0
Pest Survey	158	14.5
Small Fruits	19	1.7
Tree Fruits and Nuts	51	4.7
Trees	196	18
Turf	5	0.5
Unknown	26	2.4
Vegetables and Herbs	39	3.6
Weeds	4	0.4
Wild Plants	0	0
Woody Ornamentals	182	16.7
Total	1,090	
Diagnosis samples with no crop category entered	33	

26 Record(s)

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

10 Record(s)

Host Pest Data for 2018

No Crop Type Specified		
Horse		
1	AMERICAN DOG TICK	<i>Dermacentor variabilis</i>
1	HARD TICKS	
1	Longhorned Tick	<i>Haemaphysalis longicornis</i>
3	Total for Horse	
Lumber		
1	SCULPTURED PINE BORER	<i>Chalcophora virginiensis</i>
1	Total for Lumber	
Misc. Tree		
1	GEOMETRID MOTHS	
1	SPINY OAK SLUG	<i>Euclea delphinii</i>
2	Total for Misc. Tree	
Outside on ground		
2	ASIAN NEEDLE ANT	<i>Pachycondyla chinensis</i>
1	ASSASSIN BUGS	
1	BANDED WOOD SNAIL	<i>Cepaea nemoralis</i>
1	Bark Centipedes	
2	BUCK MOTH	<i>Hemileuca maia</i>
1	Corklid trapdoor spiders	<i>Ummidia sp.</i>
2	DARKWINGED FUNGUS GNATS	
1	DOBSONFLY	<i>Corydalus cornutus</i>
1	DOGDAY CICADA	<i>Tibicen spp.</i>
1	Eastern Cicada Killer	<i>Sphecius speciosus</i>
1	EIGHTSPOTTED FORESTER	<i>Alypia octomaculata</i>
1	EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
1	Golden-Backed Snipe Fly	<i>Chrysopilus thoracicus</i>
1	HICKORY HORNED DEVIL	<i>Citheronia regalis</i>
2	MARBLED ORBWEAVER	<i>Araneus marmoreus Clerck.</i>
2	NORTHERN MOLE CRICKET	<i>Neocurtilla hexadactyla</i>
1	PISAUINA MIRA	<i>Pisaurina mira</i>
1	ROYAL WALNUT MOTH	<i>Citheronia regalis</i>
2	SKIPPERS	

- 1 WEBSPINNING SAWFLIES
- 1 WOLF SPIDERS

27	Total for Outside on ground
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Animal

Cat

- 2 DEER TICK *Ixodes scapularis*

2	Total for Cat
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Domestic Dog

- 1 AMERICAN DOG TICK *Dermacentor variabilis*
- 1 DEER TICK *Ixodes scapularis*
- 5 LONE STAR TICK *Amblyomma americanum*

7	Total for Domestic Dog
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Large Carpenter Bees

- 1 SARCOPHAGA FLESH FLIES *Sarcophaga, sp.*

1	Total for Large Carpenter Bees
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Turkey

- 1 CHICKEN MITE *Dermanyssus gallinae*
- 1 NORTHERN FOWL MITE *Ornithonyssus sylviarum*

2	Total for Turkey
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Animal Feed

Feed, Animal

- 1 DARK MEALWORM *Tenebrio obscurus Fabricius*
- 1 PSOCIDS
- 1 RED SHOULDERED HAM BEETLE *Necrobia ruficollis*
- 1 REDLEGGED HAM BEETLE *Necrobia rufipes*
- 1 SAWTOOTHED GRAIN BEETLE *Oryzaephilus surinamensis*
- 1 WOOD ROACHES *Parcoblatta spp.*

6	Total for Feed, Animal
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Mixed Grasses

- 1 MAIZE WEEVIL *Sitophilus zeamais Motschulsky*

1	Total for Mixed Grasses
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Bee Hive

Bee Hive

1 HONEY BEE *Apis mellifera L.*

1 Total for Bee Hive

Beehive

1 EUROPEAN HORNET *Vespa crabro germana Christ*

1 NO MITES FOUND

2 Total for Beehive

Field Crops

Alfalfa

1 ALFALFA CATERPILLAR *Colias eurytheme Boisduval*

1 ARMYWORM *Pseudaletia unipuncta*

1 GREEN JUNE BEETLE *Cotinis nitida*

1 POTATO LEAFHOPPER *Empoasca fabae*

1 THREECORNERED ALFALFA HOPPER *Spissistilus festinus*

5 Total for Alfalfa

Corn

1 SEEDCORN MAGGOT *Delia platura*

1 Total for Corn

Hay

1 DARKLING BEETLES

1 GROUND BEETLES

2 Total for Hay

Hemp

1 CABBAGE LOOPER *Trichoplusia ni*

1 COTTON APHID *Aphis gossypii Glover*

1 GREENHOUSE WHITEFLY *Trialeurodes vaporariorum*

3 Total for Hemp

Hops

1 APHIDS

1	CATERPILLARS	
1	FALL WEBWORM	<i>Hyphantria cunea</i>
1	FLOWER THRIPS	<i>Frankliniella tritici</i>
1	GREENHOUSE WHITEFLY	<i>Trialeurodes vaporariorum</i>
3	JAPANESE BEETLE	<i>Popillia japonica Newman</i>
1	LEAFHOPPERS	
3	POTATO LEAFHOPPER	<i>Empoasca fabae</i>
3	SPIDER MITES	

15	Total for Hops
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Rye

1	NO MITES FOUND	
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1	Total for Rye
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Sesame

1	NO INSECTS OR MITES FOUND	
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1	Total for Sesame
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Soybean

1	THREECORNERED ALFALFA HOPPER	<i>Spissistilus festinus</i>
1	TROCHANTOR MEALYBUG	<i>Pseudococcus sorghiellus</i>

2	Total for Soybean
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Vetch

1	HARLEQUIN BUG	<i>Murgantia histrionica</i>
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1	Total for Vetch
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Herbaceous Ornamentals and Indoor Plants

Bedding Plants, Miscellaneous

1	APHIDS	
1	BALUSTIUM MITES	<i>Balaustium sp.</i>
1	BROAD MITE	<i>Polyphagotarsonemus latus</i>
1	TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae Koch</i>
1	WHITEFLIES	

5	Total for Bedding Plants, Miscellaneous
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Begonia

1 NO INSECTS OR MITES FOUND

1 Total for Begonia

Butterfly Weed

1 Grapeleaf Skeletonizer *Harrisina americana*

1 Total for Butterfly Weed

Cape Primrose

1 Ground Mealybugs *Rhizoecus sp.*

1 Total for Cape Primrose

Coneflower

1 BALTIMORE *Euphydryas phaeton Drury*

1 FLOWER THRIPS *Frankliniella tritici*

1 SILVERY CHECKERSPOT *Chlosyne nycteis*

3 Total for Coneflower

Daffodil

1 DADDY-LONGLEGS

1 Total for Daffodil

Dahlia

1 POTATO LEAFHOPPER *Empoasca fabae*

1 Total for Dahlia

Daisy

1 DICTYOPHARID PLANTHOPPERS

1 STALK BORER *Papaipema nebris*

2 Total for Daisy

Daylily

1 Anthomyiidae

1 Total for Daylily

Fern

1 CLEARWING MOTHS

1 Total for Fern

Fescue

1 BROAD MITE *Polyphagotarsonemus latus*

1 Total for Fescue

Flower, Unknown

1 Iliia Underwing *Catocala ilia*

1 LEAF BEETLES

2 Total for Flower, Unknown

Gaillardia

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Gaillardia

Gardenia

4 CITRUS WHITEFLY *Dialeurodes citri*

4 Total for Gardenia

Geranium

1 DARKWINGED FUNGUS GNATS

1 MITES

2 Total for Geranium

Gerbera Daisy

1 FLOWER THRIPS *Frankliniella tritici*

1 Total for Gerbera Daisy

Gomphrena

1 PYRALID CATERPILLARS

1 Total for Gomphrena

Hellebore

1 APHIDS

1 BULB MITE

Rhizoglyphus echinopus

1 Hellebore aphid

Macrosiphum hellebori

3 Total for Hellebore

Houseplant

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae* Koch

1 **Total for Houseplant**

Impatiens

1 BROAD MITE *Polyphagotarsonemus latus*

1 **Total for Impatiens**

Iris

2 IRIS BORER *Macronoctua onusta* Grote

2 **Total for Iris**

Lemon

1 CITRUS WHITEFLY *Dialeurodes citri*

1 **Total for Lemon**

Orchid

1 FALSE SPIDER MITES

2 SPIDER MITES

3 **Total for Orchid**

Pachysandra

1 OYSTERSHELL SCALE *Lepidosaphes ulmi*

1 **Total for Pachysandra**

Pawpaw

2 Asimina webworm *Omphalocera munroei*

2 **Total for Pawpaw**

Persian Shield

1 POTATO LEAFHOPPER *Empoasca fabae*

1 **Total for Persian Shield**

Petunia

1 NO MITES FOUND

1 PLANT BUGS

2 **Total for Petunia**

Phlox

- 1 FLOWER THRIPS *Frankliniella tritici*
- 1 TWOSPOTTED SPIDER MITE *Tetranychus urticae* Koch

2	Total for Phlox
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Plant, Unknown

- 1 NO MITES FOUND
- 1 TWOLINED SPITTLEBUG *Prosapia bicincta*
- 1 VICEROY *Basilarchia archippus*

3	Total for Plant, Unknown
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Plants, Miscellaneous

- 1 LARGE MILKWEED BUG *Oncopeltus fasciatus*

1	Total for Plants, Miscellaneous
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Queen Anne's Lace

- 1 WAVY LINED EMERALD *Synchlora aerata*

1	Total for Queen Anne's Lace
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Ti Plant

- 1 TWOSPOTTED SPIDER MITE *Tetranychus urticae* Koch

1	Total for Ti Plant
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Veronica

- 1 FOURLINED PLANT BUG *Poecilocus lineatus*

1	Total for Veronica
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Household and Recreational Area

Automobile; recreational vehicle

- 1 LARGER CABINET BEETLE *Trogoderma inclusum*

1	Total for Automobile; recreational vehicle
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Building

- 1 ANTS
- 1 BAGWORM *Thyridopteryx ephemeraeformis*
- 2 BED BUG *Cimex lectularius* Linnaeus
- 2 BROWN DOG TICK *Rhipicephalus sanguineus*

1	BROWN LACEWINGS	
1	CLICK BEETLES	
1	COCKROACHES	
1	EARTHWORM	<i>Lumbricus rubellus</i>
1	EASTERN SUBTERRANEAN TERMITE	<i>Reticulitermes flavipes</i>
1	FUNNEL WEAVER SPIDERS	
1	GRASS MIDGES	
1	Lance Flies	
1	Lesser Dung Flies	
1	MOTH FLIES	
1	NO INSECTS FOUND	
2	ORIENTAL COCKROACH	<i>Blatta orientalis Linnaeus</i>
1	Pennsylvania Dying Ground Beetle	<i>Harpalus pensylvanicus</i>
1	PLANT BUGS	
3	PSOCIDS	
1	RED CARPENTER ANT	<i>Camponotus ferrugineus</i>
1	SILVERFISH	<i>Lepisma saccharina Linnaeus</i>
2	TACHYPOMPIIUS FERRUGINEUS	<i>Tacypompilus ferrugineus</i>
1	WAREHOUSE BEETLE	<i>Trogoderma variabile</i>
1	YELLOW ANTS	<i>Acanthomyops spp.</i>
1	No Diagnosis or Sample Quality Entered	

31	Total for Building
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Food; Food Products

1	BLACK CARPET BEETLE	<i>Attagenus megatoma</i>
1	BLOW FLIES	
1	CIGARETTE BEETLE	<i>Lasioderma serricorne</i>
2	DRUGSTORE BEETLE	<i>Stegobium paniceum</i>
1	GERMAN COCKROACH	<i>Blattella germanica</i>
4	INDIANMEAL MOTH	<i>Plodia interpunctella</i>
1	MAIZE WEEVIL	<i>Sitophilus zeamais Motschulsky</i>
1	MEAL MOTH	<i>Pyrallis farinalis Linnaeus</i>
1	NO INSECTS FOUND	
1	ODD BEETLE	<i>Thylodrias contractus Motschulsky</i>
2	PSOCIDS	
1	SAWTOOTHED GRAIN BEETLE	<i>Oryzaephilus surinamensis</i>
1	VARIED CARPET BEETLE	<i>Anthrenus verbasci</i>
1	No Diagnosis or Sample Quality Entered	

19	Total for Food; Food Products
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House

1	ACANTHOCEPHALA TERMINALIS	<i>Acanthocephala terminalis</i>
2	ACROBAT ANTS	<i>Crematogaster spp.</i>
1	AMERICAN COCKROACH	<i>Periplaneta americana</i>
1	APHODIUS LIVIDUS	<i>Aphodius lividus</i>
2	BAT BUG	<i>Cimex adjunctus</i>
1	BAT BUGS	<i>Cimex spp.</i>
4	BED BUG	<i>Cimex lectularius Linnaeus</i>
1	BILLBUGS	<i>Sphenophorus spp.</i>
1	BLACK BLOW FLY	<i>Phormia regina</i>
4	BLACK CARPENTER ANT	<i>Camponotus pennsylvanicus</i>
1	BLACK LARDER BEETLE	<i>Dermestes ater De Geer</i>
1	Bombardier Beetle	<i>Brachinus sp.</i>
1	BROWN MARMORATED STINK BUG	<i>Halyomorpha halys</i>
2	BROWN RECLUSE SPIDER	<i>Loxosceles reclusa Gertsch & Mulaik</i>
1	CAMEL CRICKETS	
2	CHLOROPID FLIES	
1	CLOTHES MOTHS	
1	CLOVER MITE	<i>Bryobia praetiosa Koch</i>
2	COMBFOOTED SPIDERS	
1	COMMON THRIPS	
1	Corklid trapdoor spiders	<i>Ummidia sp.</i>
1	CORN WIREWORM	<i>Melanotus communis-dietrichi</i>
1	COULD NOT DIAGNOSE	
1	CRAB SPIDERS	
1	DADDY-LONGLEGS	
1	DARK HOPLIA	<i>Hoplia trivialis</i>
1	DRUGSTORE BEETLE	<i>Stegobium paniceum</i>
1	EARWIGS	
2	EASTERN HERCULES BEETLE	<i>Dynastes tityus</i>
2	ENTOMOBRYID SPRINGTAILS	
3	EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
1	FACE FLY	<i>Musca autumnalis De Geer</i>
1	FALSE BOMBARDIER BEETLES	<i>Galeritula spp.</i>
1	FISHING SPIDERS	
1	FLAT BARK BEETLES	
1	FLEA BEETLES	
1	FOREIGN GRAIN BEETLE	<i>Ahasverus advena</i>
1	FUNGUS GNATS	
2	FUNNEL WEAVER SPIDERS	
1	GARDEN MILLIPEDE	<i>Oxidus gracilis</i>
1	GLYCYPHAGID MITES	
1	GREAT LEOPARD MOTH	<i>Ecpantheria scribonia</i>

3	GROUND BEETLES	
1	Ground spiders, Family Gnaphosidae	
1	HOUSE CENTIPEDE	<i>Scutigera coleoptrata</i>
1	HUMPBACKED FLIES	
1	HUNTING SPIDERS	
2	ICHNEUMONID WASPS	
1	ISOPOD	
2	JUMPING SPIDERS	
1	LACEWINGS	
4	LARDER BEETLE	<i>Dermestes lardarius L.</i>
1	LASIUS ANTS	<i>Lasius spp.</i>
1	LEAFHOPPERS	
1	LONE STAR TICK	<i>Amblyomma americanum</i>
1	LONG NECK SEED BUG	<i>Myodocha serripes</i>
1	MARCH FLIES	
1	MEDITERRANEAN RECLUSE SPIDER	<i>Loxosceles rufescens</i>
1	MIDGES	
1	MINUTE BROWN SCAVENGER BEETLES	
1	MOTH FLIES	
1	MOTHS	
1	MULTICOLORED ASIAN LADY BEETLE	<i>Harmonia axyridis</i>
3	NO BITING INSECTS FOUND	
1	NO INSECTS FOUND	
4	NO INSECTS OR MITES FOUND	
2	NO MITES FOUND	
6	ODOROUS HOUSE ANT	<i>Tapinoma sessile</i>
1	ORB WEAVERS	
1	PAPER WASPS	<i>Polistes spp.</i>
1	PARASITIC WASPS	
2	PAVEMENT ANT	<i>Tetramorium caespitum</i>
2	PHORID FLIES	
1	PLANTHOPPERS	
1	POLISTES EXCLAMANS	<i>Polistes exclamans</i>
1	POTTER WASPS	
2	PSOCIDS	
1	PSYCHODA MOTH FLIES	<i>Psychoda spp.</i>
1	RED CARPENTER ANT	<i>Camponotus ferrugineus</i>
1	Red-lined Carrion Beetle	<i>Nicrodes surinamensis</i>
1	REDSPOTTED ANTMIMIC	<i>Castianeira descripta</i>
1	SHEETWEB AND DWARF SPIDERS	
1	SILVANUS BIDENTATUS	<i>Silvanus bidentatus</i>
3	SILVERFISH	<i>Lepisma saccharina Linnaeus</i>

1	SMOKYBROWN COCKROACH	<i>Periplaneta fuliginosa</i>
1	SOWBUGS	
2	SPIDERS	
1	SPINED MICRATHENA	<i>Micrathena gracilis</i>
3	SPRINGTAILS	
1	Stenolophus ochropezus	<i>Stenolophus ochropezus</i>
8	VARIED CARPET BEETLE	<i>Anthrenus verbasci</i>
2	VINEGAR FLIES	
1	VIRGINIA CREEPER SPHINX	<i>Darapsa myron</i>
1	WATER BOATMEN	
1	WEEVILS	
1	WHITEFRINGED BEETLES	<i>Graphognathus spp.</i>
1	WINGED ANTS	
3	WOLF SPIDERS	
2	WOOD ROACHES	<i>Parcoblatta spp.</i>
1	YELLOW ANTS	<i>Acanthomyops spp.</i>
1	YELLOW POPLAR WEEVIL	<i>Odontopus calceatus</i>

154	Total for House
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House Wood

1	BLACK CARPENTER ANT	<i>Camponotus pennsylvanicus</i>
1	BORERS	
2	EASTERN SUBTERRANEAN TERMITE	<i>Reticulitermes flavipes</i>
1	FISHING SPIDER	<i>Dolomedes tenebrosus</i>
1	MAIZE WEEVIL	<i>Sitophilus zeamais</i> Motschulsky
3	POWDERPOST BEETLES	
4	ROUNDHEADED BORERS	
2	SOUTHERN LYCTUS BEETLE	<i>Lyctus carbonarius</i> Waltl 1832
1	VARIED CARPET BEETLE	<i>Anthrenus verbasci</i>
1	YELLOWJACKETS	

17	Total for House Wood
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Human Clothing

1	CASEMAKING CLOTHES MOTH	<i>Tinea pellionella</i> L.
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1	Total for Human Clothing
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Outside on structure

1	BAGWORM	<i>Thyridopteryx ephemeraeformis</i>
1	BEAUTIFUL WOOD NYMPH	<i>Eudryas grata</i>
1	BRACONID WASPS	
1	Corklid trapdoor spiders	<i>Ummidia sp.</i>

1	DARKWINGED FUNGUS GNATS	
1	DOBSONFLY	<i>Corydalus cornutus</i>
1	EASTERN SUBTERRANEAN TERMITE	<i>Reticulitermes flavipes</i>
1	EUROPEAN HORNET	<i>Vespa crabro germana</i> Christ
2	FISHING SPIDER	<i>Dolomedes tenebrosus</i>
1	Flat-backed Millipedes	
1	GLENURUS GRATUS	<i>Glenurus gratus</i>
1	Globular Springtails	
1	GREAT GOLDEN DIGGER WASP	<i>Sphex ichneumonis</i>
1	HAG MOTH	<i>Phobetron pithecium</i>
1	LARGER ELM LEAF BEETLE	<i>Monocesta coryli</i>
1	MARCH FLIES	
1	MOTHS	
1	MUD DAUBER WASPS	
1	Northern Paper Wasp	<i>Polistes fuscatus</i>
1	ORIENTAL BEETLE	<i>Anomala orientalis</i>
2	PAPER WASPS	<i>Polistes spp.</i>
1	PICTUREWING FLIES	
1	PINKSTRIPED OAKWORM	<i>Anisota virginiensis</i>
1	PURPURICENUS HUMERALIS	<i>Purpuricenus humeralis</i>
1	REDHEADED PINE SAWFLY	<i>Neodiprion lecontei</i>
1	ROBBER FLIES	
1	SMALL WINTER STONEFLIES	
1	SMOOTH SPRINGTAILS	
2	Spotted lanternfly	<i>Lycorma delicatula</i>
1	TIGER MOTHS	
1	UNDERWING MOTHS	<i>Catocala spp.</i>
1	WHITE FURCULA	<i>Furcula borealis</i>
1	No Diagnosis or Sample Quality Entered	

36	Total for Outside on structure
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Wood Flooring

1	BLACK CARPENTER ANT	<i>Camponotus pennsylvanicus</i>
1	BORERS	
1	NOT AN INSECT	
2	POWDERPOST BEETLES	
1	SOUTHERN LYCTUS BEETLE	<i>Lyctus carbonarius</i> Waltl 1832
1	TERMITES	
1	WOODBORING BEETLES	

8	Total for Wood Flooring
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Wooden object

1 COULD NOT DIAGNOSE

1 Total for Wooden object

Yard

1 ALLEGHENY MOUND ANT	<i>Formica exsectoides</i> Forel
1 ASIAN NEEDLE ANT	<i>Pachycondyla chinensis</i>
1 ASSASSIN BUGS	
1 BLUE-WINGED WASP	<i>Scolia dubia</i>
4 BOXELDER BUG	<i>Leptocoris trivittatus</i>
4 DARKWINGED FUNGUS GNATS	
1 EARTHWORM	<i>Lumbricus rubellus</i>
1 GALLINIPPER MOSQUITO	<i>Psorophora ciliata</i>
1 LARGE MILKWEED BUG	<i>Oncopeltus fasciatus</i>
1 LASIUS ANTS	<i>Lasius spp.</i>
1 Longhorned Tick	<i>Haemaphysalis longicornis</i>
1 MARBLED ORBWEAVER	<i>Araneus marmoreus</i> Clerck.
1 MEGARHYSSA ATRATA	<i>Megarhyssa atrata</i>
1 MIDGES	
1 NEIVAMYRMEX ANTS	<i>Neivamyrmex spp.</i>
1 Northern Paper Wasp	<i>Polistes fuscatus</i>
7 Not the traget insect	<i>na na</i>
1 PHEIDOLE ANTS	<i>Pheidole spp.</i>
1 PICTUREWING FLIES	
1 PINE SAWYERS	<i>Monochamus spp.</i>
1 Sulphur-winged Grasshopper	<i>Arphia sulphurea</i>
1 TARNISHED PLANT BUG	<i>Lygus lineolaris</i>
1 WHITEMARKED TUSOCK MOTH	<i>Orgyia leucostigma</i>

35 Total for Yard

Human

Human

3 AMERICAN DOG TICK	<i>Dermacentor variabilis</i>
2 ASIATIC OAK WEEVIL	<i>Cyrtopistomus castaneus</i>
3 BED BUG	<i>Cimex lectularius</i> Linnaeus
1 BLACK MOUND ANTS	<i>Formica spp.</i>
2 BLACKLEGGED TICK	<i>Ixodes scapularis</i>
1 BURROWER BUGS	
1 CAT FLEA	<i>Ctenocephalides felis</i>
1 CHICKEN MITE	<i>Dermanyssus gallinae</i>

2	COULD NOT DIAGNOSE	
3	DEER TICK	<i>Ixodes scapularis</i>
2	HARD TICKS	
1	HONEY BEE	<i>Apis mellifera L.</i>
2	IXODES TICKS	<i>Ixodes spp.</i>
15	LONE STAR TICK	<i>Amblyomma americanum</i>
1	Longhorned Tick	<i>Haemaphysalis longicornis</i>
1	NO BED BUGS FOUND	
2	NO INSECTS OR MITES FOUND	
1	NOT AN INSECT	
1	ODOROUS HOUSE ANT	<i>Tapinoma sessile</i>
1	SHEETWEB WEAVER SPIDERS	

46	Total for Human
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Insect	
Insect	

1	Lesser Armyworm Parasitic Fly	<i>Lespesia archippivora</i>
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1	Total for Insect
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Mulch	
Compost	

1	GARDEN MILLIPEDE	<i>Oxidus gracilis</i>
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1	Total for Compost
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Nonplant Material	
Soil	

1	RED IMPORTED FIRE ANT	<i>Solenopsis invicta Buren</i>
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1	Total for Soil
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Pest Survey	
Trap, Insect	

1	AMBROSIA BEETLE	<i>Oxyoplatypus quadridentatus</i>
1	ARMORED SCALES	
116	BARK BEETLES	
1	CENTIPEDES	
3	Cyclorhipidion bodoanum	

1	FOREIGN GRAIN BEETLE	<i>Ahasverus advena</i>
1	GRANULATE AMBROSIA BEETLE	<i>Xylosandrus crassiusculus</i>
2	GYPSY MOTH	<i>Lymantria dispar</i>
1	LESSER SHOTHOLE BORER	<i>Xyleborinus saxeseni</i>
1	MILLIPEDES	
7	MOTHS	
3	NO INSECTS FOUND	
7	NO PINE SHOOT BEETLE FOUND	
1	ODD BEETLE	<i>Thyodrias contractus Motschulsky</i>
1	ORIENTAL COCKROACH	<i>Blatta orientalis Linnaeus</i>
1	SILVERFISH	<i>Lepisma saccharina Linnaeus</i>
1	SPRINGTAILS	
1	VARIED CARPET BEETLE	<i>Anthrenus verbasci</i>
6	WALNUT TWIG BEETLE	<i>Pityophthorus juglandis</i>
4	WOODBORING BEETLES	
1	No Diagnosis or Sample Quality Entered	

161	Total for Trap, Insect
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Small Fruits

Blackberry

1	BROAD MITE	<i>Polyphagotarsonemus latus</i>
2	JAPANESE BEETLE	<i>Popillia japonica Newman</i>
2	RASPBERRY CROWN BORER	<i>Pennisetia marginata</i>
1	ROSE SCALE	<i>Aulacaspis rosae</i>
1	TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae Koch</i>

7	Total for Blackberry
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Blueberry

1	CHERRY FRUITWORM	<i>Grapholita packardi</i>
1	JAPANESE BEETLE	<i>Popillia japonica Newman</i>

2	Total for Blueberry
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Fig

1	BARK BEETLES
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1	Total for Fig
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Grape

1	CATERPILLAR EGGS	
1	COTTONY MAPLE LEAF SCALE	<i>Pulvinaria acericola</i>

1	DARKWINGED FUNGUS GNATS	
1	GRAPE BLISTERGALL	<i>Cecidomyia spp.</i>
1	LEAFHOPPERS	
1	PAVEMENT ANT	<i>Tetramorium caespitum</i>
1	SMALLER YELLOW ANT	<i>Acanthomyops claviger</i>
1	Spotted lanternfly	<i>Lycorma delicatula</i>
1	THIEF ANT	<i>Solenopsis molesta</i>

9	Total for Grape	
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Raspberry

1	JAPANESE BEETLE	<i>Popillia japonica Newman</i>
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1	Total for Raspberry	
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Strawberry

1	STRAWBERRY ROOTWORM	<i>Paria fragariae Wilcox</i>
1	TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae Koch</i>

2	Total for Strawberry	
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Tree Fruits and Nuts

Apple

1	BROWN LACEWINGS	
1	BROWN MARMORATED STINK BUG	<i>Halyomorpha halys</i>
2	CODLING MOTH	<i>Cydia pomonella</i>
1	LEAFROLLERS	
1	MACRODACTYLUS ANGUSTATUS	<i>Macrodactylus angustatus</i>
4	PLUM CURCULIO	<i>Conotrachelus nenuphar</i>
1	REDBANDED LEAFROLLER	<i>Argyrotaenia velutinana</i>
1	SEEDCORN MAGGOT	<i>Delia platura</i>
1	TREEHOPPERS	
1	Two-spotted Tree Cricket	<i>Neoxabea bipunctata</i>
1	VICEROY	<i>Basilarchia archippus</i>

15	Total for Apple	
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Apricot

1	EUROPEAN HORNET	<i>Vespa crabro germana Christ</i>
1	WEBWORMS	

2	Total for Apricot	
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Asian Pear

1 AFRICAN FIG FLY *Zaprionus indianus*

1 Total for Asian Pear

Cherry

1 DEFOLIATORS

1 JAPANESE BEETLE

Popillia japonica Newman

1 PEACHTREE BORER

Synanthedon exitiosa

2 SOOTY MOLD

5 Total for Cherry

Chestnut

1 SEEDCORN MAGGOT

Delia platura

1 Total for Chestnut

Crabapple

1 WEBWORMS

1 Total for Crabapple

Fruit Trees, Misc.

1 COULD NOT DIAGNOSE

1 Total for Fruit Trees, Misc.

Peach

1 EUROPEAN HORNET

Vespa crabro germana Christ

1 PEACHTREE BORER

Synanthedon exitiosa

5 PLUM CURCULIO

Conotrachelus nenuphar

1 WHEEL BUG

Arilus cristatus

8 Total for Peach

Pear

1 NO INSECTS FOUND

1 PLUM CURCULIO

Conotrachelus nenuphar

2 Total for Pear

Pecan

1 FALL WEBWORM

Hyphantria cunea

2 NO INSECTS FOUND

1 REDHEADED ASH BORER

Neoclytus acuminatus

1 TWIG GIRDLER

Oncideres cingulata

5	Total for Pecan
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Persimmon

1	BLUE-WINGED WASP	<i>Scolia dubia</i>
1	PERSIMMON PSYLLA	<i>Trioza diospyri</i>

2	Total for Persimmon
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Plum

1	APPLE LEAF SKELETONIZER	<i>Choreutis pariana</i>
1	JAPANESE BEETLE	<i>Popillia japonica Newman</i>
2	PLUM CURCULIO	<i>Conotrachelus nenuphar</i>

4	Total for Plum
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Walnut

1	BARK BEETLES	
1	BUTTERNUT WOOLLYWORM	<i>Eriocampa juglandis</i>
1	INSECT DAMAGE	
1	NORTHERN WALNUT HUSK FLY	<i>Rhagoletis suavis Loew.</i>
2	WALNUT TWIG BEETLE	<i>Pityophthorus juglandis</i>

6	Total for Walnut
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Trees

Arborvitae

2	ARBORVITAE LEAFMINER	<i>Argyresthia thuiella</i>
6	SPRUCE MITE	<i>Oligonychus ununguis</i>
2	SPRUCE SPIDER MITE	<i>Oligonychus ununguis</i>

10	Total for Arborvitae
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Ash

1	CLICK BEETLES	
24	EMERALD ASH BORER	<i>Agrilus planipennis Fairmaire</i>
1	ROUNDHEADED BORERS	

26	Total for Ash
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Beech

2	BEECH LEAFTIER	<i>Psilocorsis faginella</i>
1	BEECH SCALE	<i>Cryptococcus fagisuda</i>
1	NO INSECTS FOUND	

4	Total for Beech
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Birch

- 1 APHIDS
- 1 DARKWINGED FUNGUS GNATS
- 1 ERIOPHYID MITES
- 1 RIVER BIRCH APHID *Hormaphis hamamelidis*

4	Total for Birch
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Black Gum

- 1 ERIOPHYID MITES
- 1 SOOTY MOLD
- 1 SOUR GUM SCALE *Phenacaspis nyssae*

3	Total for Black Gum
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Black Locust

- 1 MIMOSA WEBWORM *Homadaula anisocentra* Meyrick

1	Total for Black Locust
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Cedar

- 1 BAGWORM *Thyridopteryx ephemeraeformis*
- 1 PINE SAWFLIES
- 1 SPECKLED SHARPSHOOTER *Paraulacizes irrorata*
- 1 SPRUCE MITE *Oligonychus ununguis*

4	Total for Cedar
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Cryptomeria

- 1 MASKELL SCALE *Lepidosaphes spp.*

1	Total for Cryptomeria
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Cypress

- 2 BAGWORM *Thyridopteryx ephemeraeformis*
- 1 JUNIPER SCALES *Carulaspis spp.*
- 1 SPRUCE SPIDER MITE *Oligonychus ununguis*

4	Total for Cypress
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Dogwood

- 3 DOGWOOD SAWFLY *Macremphytus tarsatus*
- 1 DOGWOOD TWIG BORER *Oberea tripunctata*

1	FLATHEADED BORERS	
1	PERIODICAL CICADA	<i>Magicicada septendecim</i>
1	PRAYING MANTIDS	
1	WHITE MARGINED BURROWER BUG	<i>Sehirus cinctus</i>

8	Total for Dogwood
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Eastern Red Cedar

1	JUNIPER SCALES	<i>Carulaspis spp.</i>
1	NOT AN INSECT	
1	ORIBATID MITES	
1	PSEUDOSCORPIONS	
3	SPRUCE SPIDER MITE	<i>Oligonychus ununguis</i>

7	Total for Eastern Red Cedar
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Elm

1	ELM LEAFMINER	<i>Fenusa ulmi Sundevall</i>
2	ELM SACKGALL APHID	<i>Colopha ulmisacculi</i>
1	NO INSECTS FOUND	
1	RED-SHOULDERED BOSTRICHID	<i>Xylobiops basilaris</i>

5	Total for Elm
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Fir

1	ELONGATE HEMLOCK SCALE	<i>Fiorinia externa Ferris</i>
1	GARDEN MILLIPEDE	<i>Oxidus gracilis</i>
1	NO INSECTS FOUND	
3	PALES WEEVIL	<i>Hylobius pales</i>
1	SPIDER MITES	
2	SPRUCE MITE	<i>Oligonychus ununguis</i>
1	WHITE GRUBS	

10	Total for Fir
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Fir, Grand

1	PALES WEEVIL	<i>Hylobius pales</i>
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1	Total for Fir, Grand
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Hackberry

1	APHIDS	
1	HACKBERRY BUTTON GALL	<i>Pachypsylla umbilicus Riley</i>
2	HACKBERRY NIPPLE GALL	<i>Pachypsylla celtidismamma</i>
1	SCARAB BEETLES	

2 SOOTY MOLD

7 Total for Hackberry

Hemlock

3 ELONGATE HEMLOCK SCALE *Fiorinia externa Ferris*

1 SPIDER MITES

4 Total for Hemlock

Hickory

1 Giant Pecan Scale *Neosteingelia texana*

1 ROUNDHEADED BORERS

2 Total for Hickory

Magnolia

1 APHIDS

1 COULD NOT DIAGNOSE

1 JAPANESE MAPLE SCALE *Lopholeucaspis japonica*

1 MAGNOLIA SCALE *Neolecanium cornuparvum*

1 NO INSECTS OR MITES FOUND

1 SOUTHERN RED MITE *Oligonychus ilicis*

1 TWOSPOTTED SPIDER MITE *Tetranychus urticae Koch*

1 YELLOW POPLAR WEEVIL *Odontopus calceatus*

8 Total for Magnolia

Maple

1 APHIDS

1 BLACK CARPENTER ANT *Camponotus pennsylvanicus*

1 FLATHEADED APPLETREE BORER *Chrysobothris femorata*

1 GLOOMY SCALE *Melanaspis tenebricosa*

1 INSECT DROPPINGS

3 JAPANESE BEETLE *Popillia japonica Newman*

1 LEAFFOLDERS

1 MAPLE BLADDER GALL *Vasates quadripedes Shimer*

1 MAPLE ERINEUM GALL

1 MILLIPEDES

3 SPIDER MITES

1 Spotted lanternfly *Lycorma delicatula*

1 WHEEL BUG *Arilus cristatus*

17 Total for Maple

Oak

1	APHIDS	
1	BARK BEETLES	
1	CATERPILLARS	
1	CONTRACTED DATANA	<i>Datana contracta</i> Walker
1	DARKLING BEETLES	
1	DEFOLIATORS	
1	EUROPEAN HORNET	<i>Vespa crabro germana</i> Christ
1	GLOOMY SCALE	<i>Melanaspis tenebricosa</i>
3	HORNED OAK GALL	<i>Callirhytis cornigera</i>
1	LEAFHOPPERS	
1	NO INSECTS FOUND	
1	OAK BULLET GALLS	<i>Neuroterus</i> spp.
8	OAK BUTTON GALL	<i>Neuroterus umbilicatus</i> Bass.
2	OAK LACE BUG	<i>Corythucha arcuata</i>
1	OAK LEFTIER	<i>Croesia semipurpurana</i>
3	OAK SKELETONIZER	<i>Bucculatrix ainsliella</i> Murtfeldt
1	OAK SPANGLES	<i>Cecidomyia</i> spp.
1	OAK SPIDER MITE	<i>Oligonychus bicolor</i>
1	Oak Trumpet Skeletonizer	<i>Catastega timidella</i>
1	ORANGESTRIPED OAKWORM	<i>Anisota senatoria</i>
1	PERIODICAL CICADA	<i>Magisicada septendecim</i>
1	PIN-HOLE BORERS	
2	PYRALID CATERPILLARS	
1	THRIPS	
1	TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae</i> Koch
1	WILLOW OAK SAWFLY	<i>Arge quidia</i>
2	WOOLLY FOLD GALL	<i>Macrodiplosis niveipila</i> O.S.
1	YELLOWNECKED CATERPILLAR	<i>Datana ministra</i>

42 Total for Oak

Ornamental Cherry

1	JAPANESE MAPLE SCALE	<i>Lopholeucaspis japonica</i>
2	SNAILS	
1	SOOTY MOLD	

4 Total for Ornamental Cherry

Ornamental Pear

1	NO INSECTS OR MITES FOUND	
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1 Total for Ornamental Pear

Pine

2	BARK BEETLES	
1	BARKLICE	
1	EASTERN SUBTERRANEAN TERMITE	<i>Reticulitermes flavipes</i>
1	NANTUCKET PINE TIP MOTH	<i>Rhyacionia frustrana</i>
1	NO INSECTS FOUND	
3	PALES WEEVIL	<i>Hylobius pales</i>
1	PINE NEEDLE SCALE	<i>Chionaspis pinifoliae</i>
3	PINE WEBWORM	<i>Tetralopha robustella</i> Zeller
1	PITCH MASS BORER	<i>Synanthedon pini</i>
1	ROUNDHEADED BORERS	
1	WHITE PINE WEEVIL	<i>Pissodes strobi</i>

16 Total for Pine**Redbud**

1	ERIOPHYID MITES	
1	FALL WEBWORM	<i>Hyphantria cunea</i>
1	NORAPE OVINA	<i>Norape ovina</i>
1	REDBUD LEAFROLLER	<i>Fascista cercerisella</i>
1	ROUNDHEADED BORERS	
1	RUST MITES	
2	SPIDER MITES	
2	TWOSPOTTED SPIDER MITE	<i>Tetranychus urticae</i> Koch

10 Total for Redbud**Sassafras**

1	CAMPBOR SHOT BORER	<i>Cnestus mutilatus</i>
1	GRANULATE AMBROSIA BEETLE	<i>Xylosandrus crassiusculus</i>

2 Total for Sassafras**Serviceberry**

1	MAY BEETLES	<i>Phyllophaga</i> spp.
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1 Total for Serviceberry**Spruce**

1	BAGWORM	<i>Thyridopteryx ephemeraeformis</i>
1	PALES WEEVIL	<i>Hylobius pales</i>
1	SPRUCE MITE	<i>Oligonychus ununguis</i>
2	SPRUCE SPIDER MITE	<i>Oligonychus ununguis</i>
1	WHITE PINE WEEVIL	<i>Pissodes strobi</i>

6	Total for Spruce
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Swamp Bay

1	Bumelia Webworm Moth	<i>Urodus parvula</i>
1	RED BAY PSYLLID	<i>Trioza magnoliae</i>

2	Total for Swamp Bay
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Tree, Unknown

1	ARCTIID MOTHS	
1	Nais Tiger Moth	<i>Apantesis nais</i>
1	TURBULENT PHOSPHILA	<i>Phosphila turbulenta</i>

3	Total for Tree, Unknown
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Tree-of-heaven

2	Spotted lanternfly	<i>Lycorma delicatula</i>
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2	Total for Tree-of-heaven
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Trees, Miscellaneous

1	FALL WEBWORM	<i>Hyphantria cunea</i>
2	ORB WEAVERS	
1	REDHUMPED OAKWORM	<i>Symmerista canicosta</i>
1	Spotted lanternfly	<i>Lycorma delicatula</i>

5	Total for Trees, Miscellaneous
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Tupelo

1	SOOTY MOLD
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1	Total for Tupelo
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Willow

1	IMPORTED WILLOW LEAF BEETLE	<i>Plagiodera versicolora</i>
1	OYSTERSHELL SCALE	<i>Lepidosaphes ulmi</i>
1	POPLAR TENTMAKER	<i>Clostera inclusa</i>

3	Total for Willow
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Yellowwood

1	OBSCURE SCALE	<i>Melanaspis obscura</i>
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1	Total for Yellowwood
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Turf	
Fescue	

- 1 NOCTUID MOTHS
- 1 WHITE GRUBS

2	Total for Fescue
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Turfgrass	
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- 2 EARTHWORM *Lumbricus rubellus*
- 1 RED IMPORTED FIRE ANT *Solenopsis invicta Buren*

3	Total for Turfgrass
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Unknown	
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Unknown Outdoor Plant	
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- 1 AMBUSH BUGS
- 1 GIANT RESIN BEE *Megachile sculptularis Smith*
- 2 HACKBERRY LEAFSLUG *Norape cretata Grt.*
- 1 MOTH PUPA
- 1 PINKSTRIPED OAKWORM *Anisota virginiensis*
- 1 SADDLEBACK CATERPILLAR *Sibine stimulea*
- 1 Tiger Bee Fly *Xenox tigrinus*
- 1 Whitecrossed Seed Bug *Neacoryphus bicrucis*

9	Total for Unknown Outdoor Plant
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Unknown; No Site Specified	
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- 1 Agrilus Beetles *Agrilus sp.*
- 1 BLACK MOUND ANTS *Formica spp.*
- 1 CATALPA SPHINX *Ceratonia catalpae*
- 1 DARKWINGED FUNGUS GNATS
- 1 FISHING SPIDER *Dolomedes tenebrosus*
- 1 GERMAN COCKROACH *Blattella germanica*
- 1 GOLDEN TORTOISE BEETLE *Metriona bicolor*
- 3 LONE STAR TICK *Amblyomma americanum*
- 1 MOLE CRICKETS
- 1 NOCTUID MOTHS
- 1 ORCHARD SPIDER *Leucauge venusta*
- 1 WHEEL BUG *Arilus cristatus*

14	Total for Unknown; No Site Specified
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Water

- 1 COREID BUGS
- 1 HORSEHAIR WORMS
- 1 PREDACEOUS DIVING BEETLES

3 Total for Water

Vegetables and Herbs

Basil

- 1 LEAFHOPPERS

1 Total for Basil

Bean

- 1 ANCHOR STINK BUG *Stiretrus anchorago*
- 1 FLOWER THRIPS *Frankliniella tritici*
- 2 MEXICAN BEAN BEETLE *Epilachna varivestis Mulsant*
- 3 SPIDER MITES

7 Total for Bean

Broccoli

- 1 CABBAGE MAGGOT *Delia radicum*

1 Total for Broccoli

Cabbage

- 1 CABBAGE MAGGOT *Delia radicum*

1 Total for Cabbage

Collards

- 1 CABBAGE MAGGOT *Delia radicum*

1 Total for Collards

Kale

- 1 CELERY LEAFTIER *Udea rubigalis*

1 Total for Kale

Lettuce

- 1 ACROBAT ANTS *Crematogaster spp.*
- 1 THRIPS

2	Total for Lettuce
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Lima Bean

1	FLOWER THRIPS	<i>Frankliniella tritici</i>
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1	Total for Lima Bean
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Melon

2	CUCUMBER BEETLES
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2	Total for Melon
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Parsley

1	APHIDS
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1	Total for Parsley
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Pepper

1	BROWN MARMORATED STINK BUG	<i>Halyomorpha halys</i>
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1	THRIPS
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2	Total for Pepper
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Potato

1	POTATO FLEA BEETLE	<i>Epithrix cucumeris</i>
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1	Total for Potato
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Rhubarb

1	STALK BORER	<i>Papaipema nebris</i>
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1	Total for Rhubarb
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Sweet Potato

1	NO INSECTS OR MITES FOUND
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1	Total for Sweet Potato
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Swiss Chard

1	MOTH FLIES
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1	Total for Swiss Chard
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Tomato

1	BROAD MITE	<i>Polyphagotarsonemus latus</i>
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1	FLEA BEETLES
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4	FLOWER THRIPS	<i>Frankliniella tritici</i>
1	LEAFFOOTED BUGS	
1	NO MITES FOUND	
1	NOT INSECT DAMAGE	
2	POTATO APHID	<i>Macrosiphum euphorbiae</i>
1	TOBACCO HORNWORM	<i>Manduca sexta</i>

12	Total for Tomato
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Turban Squash

1	SQUASH BUG	<i>Anasa tristis</i>
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1	Total for Turban Squash
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Vegetable Garden

1	ARTILLERY FUNGUS	<i>Sphaerobolus stellatus</i>
1	COREID BUGS	
1	GREEN STINK BUG	<i>Acrosternum hilare</i>
1	REDLEGGED BUPRESTIS	<i>Buprestis rufipes</i>

4	Total for Vegetable Garden
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Vegetables, Miscellaneous

1	Six-spotted Tiger Beetle	<i>Cicindela sexguttata</i>
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1	Total for Vegetables, Miscellaneous
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Zucchini

1	CUCUMBER BEETLES
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1	Total for Zucchini
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Weeds

Kudzu

1	BEAN PLATASPID	<i>Megacocta cribraria</i>
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1	Total for Kudzu
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Milkweed

1	LARGE MILKWEED BUG	<i>Oncopeltus fasciatus</i>
1	RED MILKWEED BEETLE	<i>Tetraopes tetrophthalmus</i>

2	Total for Milkweed
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Virginia Creeper

1 Northern Walkingstick *Diaperomera femorata*

1 Total for Virginia Creeper

Woody Ornamentals

Aucuba

2 LATANIA SCALE *Hemiberlesia lataniae*

1 NO INSECTS FOUND

3 Total for Aucuba

Azalea

2 AZALEA LACE BUG *Stephanitis pyrioides*

1 INSECT EGGS

1 PARIA LEAF BEETLES *Paria spp.*

4 Total for Azalea

Barberry

3 BARBERRY WEBWORM *Omphalocera dentosa*

3 Total for Barberry

Boxwood

27 BOXWOOD LEAFMINER *Monarthropalpus buxi*

57 BOXWOOD MITE *Eurytetranychus buxi*

8 BOXWOOD PSYLLID *Psylla buxi*

1 JAPANESE MAPLE SCALE *Lopholeucaspis japonica*

1 OYSTERSHELL SCALE *Lepidosaphes ulmi*

2 SPIDERS

96 Total for Boxwood

Butterfly Bush

1 SOUTHERN RED MITE *Oligonychus ilicis*

1 Total for Butterfly Bush

Camellia

2 CAMELLIA RUST MITES

1 CAMELLIA SCALE *Lepidosaphes camelliae Hoke*

1 COTTONY CAMELLIA SCALE *Pulvinaria floccifera*

1 SOUTHERN RED MITE *Oligonychus ilicis*

- 1 SPIDERS
- 1 TEA SCALE *Fiorinia theae Green*

7	Total for Camellia
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Cherrylaurel

- 7 BLACK VINE WEEVIL *Otiorhynchus sulcatus*
- 1 MEALYBUGS
- 1 NOT AN INSECT
- 1 PYRALID CATERpillARS
- 3 SOUTHERN RED MITE *Oligonychus ilicis*
- 1 WAX SCALE *Ceroplastes spp.*
- 3 WHITE PEACH SCALE *Pseudaulacaspis pentagona*

17	Total for Cherrylaurel
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Cotoneaster

- 1 HAWTHORN LACE BUG *Corythucha cydoniae*
- 1 INDIAN WAX SCALE *Ceroplastes ceriferus*

2	Total for Cotoneaster
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Crape Myrtle

- 2 APHIDS
- 1 CECROPIA MOTH *Hyalophora cecropia*
- 1 CRAPE MYRTLE APHID *Tinocallis kahawaluokalani*
- 5 CRAPE MYRTLE BARK SCALE *Eriococcus lagerstroemiae Kuwana*
- 2 JAPANESE BEETLE *Popillia japonica Newman*
- 5 SOOTY MOLD
- 1 WHEEL BUG *Arilus cristatus*

17	Total for Crape Myrtle
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Daphne

- 1 NO INSECTS OR MITES FOUND

1	Total for Daphne
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English Ivy

- 1 INDIAN WAX SCALE *Ceroplastes ceriferus*

1	Total for English Ivy
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Fothergilla

- 1 DEFOLIATORS

1	Total for Fothergilla
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Hibiscus

- | | | |
|---|--------------------|---------------------------------|
| 1 | HIBISCUS SAWFLY | <i>Atomacera decepta Rohwer</i> |
| 1 | LEAF SKELETONIZERS | |

2	Total for Hibiscus
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Holly

- | | | |
|---|------------------------|-------------------------------------|
| 1 | BLACK VINE WEEVIL | <i>Otiorhynchus sulcatus</i> |
| 1 | CHINESE MANTID | <i>Tenodera aridifolia Saussure</i> |
| 1 | COTTONY CAMELLIA SCALE | <i>Pulvinaria floccifera</i> |
| 1 | FALL WEBWORM | <i>Hyphantria cunea</i> |
| 1 | HORSEHAIR WORMS | |
| 4 | LATANIA SCALE | <i>Hemiberlesia lataniae</i> |
| 1 | LEAF SKELETONIZERS | |
| 2 | NO INSECTS FOUND | |
| 1 | OYSTERSHELL SCALE | <i>Lepidosaphes ulmi</i> |
| 1 | SOOTY MOLD | |
| 1 | TEA SCALE | <i>Fiorinia theae Green</i> |
| 1 | TWOLINED SPITTLEBUG | <i>Prosapia bicincta</i> |
| 1 | WAX SCALE | <i>Ceroplastes spp.</i> |

17	Total for Holly
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Hydrangea

- | | |
|---|---------------------|
| 1 | FLATID PLANTHOPPERS |
| 1 | THRIPS |

2	Total for Hydrangea
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Juniper

- | | | |
|---|--------------------|-----------------------------|
| 2 | JUNIPER SCALES | <i>Carulaspis spp.</i> |
| 1 | NO INSECTS FOUND | |
| 1 | ROUNDHEADED BORERS | |
| 1 | SPIDER MITES | |
| 2 | SPRUCE MITE | <i>Oligonychus ununguis</i> |
| 4 | SPRUCE SPIDER MITE | <i>Oligonychus ununguis</i> |

11	Total for Juniper
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Laurel

- | | | |
|---|-------------------|------------------------------|
| 1 | BLACK VINE WEEVIL | <i>Otiorhynchus sulcatus</i> |
|---|-------------------|------------------------------|

1	Total for Laurel
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Linden

2 BASSWOOD LACE BUG *Gargaphia tiliae*

2 Total for Linden

Mountain Laurel

1 SOUTHERN RED MITE *Oligonychus ilicis*

1 Total for Mountain Laurel

Pieris

1 ANDROMEDA LACE BUG *Stephanitis takeyai* Drake & Maa.

1 SOUTHERN RED MITE *Oligonychus ilicis*

2 Total for Pieris

Pittosporum

1 BROWN SOFT SCALE *Coccus hesperidum* Linnaeus

1 Total for Pittosporum

Plants, Miscellaneous

1 MARBLED ORBWEAVER *Araneus marmoreus* Clerck.

1 TWOLINED SPITTLEBUG *Prosapia bicincta*

2 Total for Plants, Miscellaneous

Privet

1 NO INSECTS FOUND

1 Total for Privet

Redbay

1 RED BAY PSYLLID *Trioza magnoliae*

1 Total for Redbay

Rose

1 ROSE SCALE *Aulacaspis rosae*

1 ROSE STEM SAWFLY *Hartigia trimaculata* Say

1 Rose Twig Galls *Diplolepis* sp.

1 ROESLUG *Endelomyia aethiops*

3 SPIDER MITES

1 THRIPS

8	Total for Rose
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Rose-of-Sharon

2	NIESTHREA LOUISIANICA	<i>Niesthrea louisianica Sailer</i>
2	Total for Rose-of-Sharon	

Sarcococca

1	SOUTHERN RED MITE	<i>Oligonychus ilicis</i>
1	Total for Sarcococca	

Shrub, Unknown

1	BANDED TUSSOCK MOTH	<i>Halysidota tessellaris</i>
1	BARBERRY WEBWORM	<i>Omphalocera dentosa</i>
2	Total for Shrub, Unknown	

Shrubs, Miscellaneous

1	AMERICAN DAGGER MOTH	<i>Acronicta americana</i>
1	Total for Shrubs, Miscellaneous	

Spirea

1	COMMON THRIPS	
1	JAPANESE MAPLE SCALE	<i>Lopholeucaspis japonica</i>
2	Total for Spirea	

Viburnum

1	JAPANESE BEETLE	<i>Popillia japonica Newman</i>
1	LECANIUM SCALES	<i>Parthenolecanium spp.</i>
1	WHITE PEACH SCALE	<i>Pseudaulacaspis pentagona</i>
3	Total for Viburnum	

Weigela

1	LEAF SKELETONIZERS	
1	Total for Weigela	

Willow

1	DEFOLIATORS	
1	Total for Willow	

Yucca		
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1	YUCCA PLANT BUG	<i>Halticotoma valida</i> Townsend
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1	Total for Yucca	
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0	Samples with No Host Specified	
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County Data 2018

County	# of Samples	% of Total
Out of State	5	0.4
ACCOMACK, VA	2	0.2
ALBEMARLE, VA	59	5.3
ALEXANDRIA CITY, VA	3	0.3
ALLEGHANY, VA	2	0.2
AMELIA, VA	8	0.7
AMHERST, VA	3	0.3
APPOMATTOX, VA	4	0.4
ARLINGTON, VA	7	0.6
AUGUSTA, VA	18	1.6
BATH, VA	3	0.3
BEDFORD, VA	29	2.6
BLAND, VA	2	0.2
BOTETOURT, VA	17	1.5
BRUNSWICK, VA	3	0.3
CAMPBELL, VA	10	0.9
CAROLINE, VA	8	0.7
CARROLL, VA	18	1.6

CHARLOTTE, VA	2	0.2
CHESAPEAKE CITY, VA	21	1.9
CHESTERFIELD, VA	15	1.3
CLARKE, VA	2	0.2
CRAIG, VA	3	0.3
CULPEPER, VA	2	0.2
CUMBERLAND, VA	4	0.4
DANVILLE CITY, VA	2	0.2
DICKENSON, VA	6	0.5
DINWIDDIE, VA	3	0.3
ESSEX, VA	3	0.3
FAIRFAX, VA	67	6
FAUQUIER, VA	8	0.7
FLOYD, VA	8	0.7
FLUVANNA, VA	8	0.7
FRANKLIN, VA	13	1.2
FREDERICK, VA	24	2.1
GILES, VA	19	1.7

GLOUCESTER, VA	5	0.4
GOOCHLAND, VA	5	0.4
GRAYSON, VA	5	0.4
GREENE, VA	5	0.4
GREENSVILLE, VA	5	0.4
HALIFAX, VA	2	0.2
HAMPTON CITY, VA	2	0.2
HANOVER, VA	25	2.2
HENRICO, VA	35	3.1
HENRY, VA	4	0.4
HIGHLAND, VA	5	0.4
ISLE OF WIGHT, VA	4	0.4
JAMES CITY, VA	32	2.8
KING GEORGE, VA	2	0.2
KING WILLIAM, VA	4	0.4
LANCASTER, VA	4	0.4
LEE, VA	2	0.2
LOUDOUN, VA	25	2.2

LOUISA, VA	7	0.6
LUNENBURG, VA	1	0.1
LYNCHBURG CITY, VA	14	1.2
MADISON, VA	5	0.4
MONTGOMERY, VA	100	8.9
NELSON, VA	12	1.1
NEW KENT, VA	6	0.5
NEWPORT NEWS CITY, VA	24	2.1
NORFOLK CITY, VA	29	2.6
NORTHAMPTON, VA	4	0.4
NORTHUMBERLAND, VA	5	0.4
NOTTOWAY, VA	5	0.4
ORANGE, VA	2	0.2
PAGE, VA	6	0.5
PATRICK, VA	2	0.2
PITTSYLVANIA, VA	3	0.3
PORTSMOUTH CITY, VA	10	0.9

POWHATAN, VA	7	0.6
PRINCE EDWARD, VA	5	0.4
PRINCE GEORGE, VA	2	0.2
PRINCE WILLIAM, VA	20	1.8
PULASKI, VA	9	0.8
RAPPAHANNOCK, VA	10	0.9
RICHMOND, VA	5	0.4
RICHMOND CITY, VA	18	1.6
ROANOKE, VA	33	2.9
ROCKBRIDGE, VA	18	1.6
ROCKINGHAM, VA	7	0.6
RUSSELL, VA	4	0.4
SCOTT, VA	1	0.1
SHENANDOAH, VA	9	0.8
SMYTH, VA	7	0.6
SOUTHAMPTON, VA	4	0.4

SPOTSYLVANIA, VA	2	0.2
STAFFORD, VA	6	0.5
SUFFOLK CITY, VA	1	0.1
SURRY, VA	1	0.1
SUSSEX, VA	5	0.4
TAZEWELL, VA	3	0.3
VIRGINIA BEACH, VA	14	1.2
WARREN, VA	18	1.6
WASHINGTON, VA	10	0.9
WESTMORELAND, VA	10	0.9
WILLIAMSBURG CITY, VA	2	0.2
WISE, VA	5	0.4
WYTHE, VA	7	0.6
YORK, VA	63	5.6
Total	1,123	
Samples with no county entered	0	