

**Shale Hollow Preserve Bio Blitz**  
**May 15-16, 2015**

SCIENTIFIC NAME	COMMON NAME
<b>Terrestrial Insect</b>	
<i>Vanessa atalanta</i>	Red Admiral
<i>Cicindela sexguttata</i>	Tiger Beetle
<i>Malacosoma americanum</i>	Eastern Tent Caterpillar
<i>Pieris rapae</i>	Cabbage White
<i>Lycaena hyllus</i>	Bronze Copper
<i>Papilio glaucus</i>	Eastern Tiger Swallowtail
<i>Epargereus clarus</i>	Silver-spotted Skipper
<i>Cicindela sexguttata</i>	Six-spotted Tiger Beetle
<i>Phyciodes tharos</i>	Pearl Crescent
<i>Nicrophorus orbicollis</i>	Roundneck Sexton Beetle
<b>Aquatic Macroinvertebrates</b>	
<i>Allocaenia spp.</i>	Stonefly Nymph
<b>Aquatic Invertebrates</b>	
<i>Sphaeriidae spp.</i>	Fingernail Clam
<i>Phreatoious spp.</i>	Freshwater Isopod
<i>Limnephilus spp.</i>	Northern Caddisfly
<b>Mammals</b>	
<i>Sciurus carolinensis</i>	Eastern Gray Squirrel
<i>Sciurus niger</i>	Fox Squirrel
<i>Microtus pennsylvanicus</i>	Meadow Vole
<i>Odocoileus virginianus</i>	White-tailed Deer
<i>Tamias striatus</i>	Eastern Chipmunk
<b>Amphibians</b>	
<i>Anaxyrus americanus</i>	American Toad
<i>Desmognathus fuscus</i>	Dusky Salamander
<i>Hyla versicolor</i>	Gray Tree Frog
<i>Lithobates clamitans</i>	Green Frog
<i>Eurycea bislineata</i>	Northern Two - lined Salamander
<i>Plethodon cinereus</i>	Red-backed Salamander
<b>Woody Plants</b>	
<i>Cornus alternifolia</i>	Alternate-leaved Dogwood
<i>Cornus florida</i>	Flowering Dogwood
<i>Gaylussacia baccata</i>	Black Huckleberry
<i>Prunus serotina</i>	Black Cherry

<i>Rosa multiflora</i>	Multiflora Rose
<i>Lonicera spp.</i>	Bush Honey Suckle
<i>Acer sacchrum</i>	Sugar Maple
<i>Ulmus americana</i>	American elm
<i>Ligustrum vulgare</i>	Common privet
<i>Berberis vulgaris</i>	European barberry
<i>Smilax spp.</i>	Greenbrier
<i>Lendara benzoin</i>	Common Spicebush
<i>Viburnum lentago</i>	Nannyberry Viburnum
<i>Rubus idaeus</i>	Red Raspberry
<i>Hamamelis virginiana</i>	American Witchhazel
<i>Tilia americana</i>	American Basswood
<i>Carya ovata</i>	Shagbark Hickory
<i>Carya glabra</i>	Pignut Hickory
<i>Juglans nigra</i>	Black Walnut
<i>Fagus grandifolia</i>	American Beech
<i>Aesculus glabra</i>	Ohio Buckeye
<i>Platanus occidentalis</i>	American Sycamore
<i>Quercus rubra</i>	Red Oak
<i>Fraxinus pennsylvanica</i>	Green Ash
<i>Carpinus caroliniana</i>	Musclewood
<i>Acer nigrum</i>	Black Maple
<i>Acer rubrum</i>	Red Maple
<i>Quercus alba</i>	White Oak
<i>Pinus strobus</i>	Eastern White Pine
<i>Picea abies</i>	Norway Spruce
<i>Cercis canadensis</i>	Eastern Redbud
<i>Rubus occidentalis</i>	Black Raspberry
<i>Fraxinus americana</i>	White Ash
<i>Populus deltoides</i>	Eastern Cottonwood
<i>Viburnum acerifolium</i>	Maple Leaf Viburnum
<i>Tsuga canadensis</i>	Eastern Hemlock

#### Herbaceous Plants

<i>Actae alba</i>	Doll's Eyes
<i>Allaria petiolata</i>	Garlic Mustard
<i>Allium canadense</i>	Wild Garlic
<i>Allium tricoccum</i>	Late Wild Leek
<i>Anemonella thalictroides</i>	Rue Anemone
<i>Asarum canadense</i>	Wild Ginger

<i>Carex albursina</i>	White Bear Sedge
<i>Caulophyllum sp.</i>	Blue Cohosh
<i>Cystopteris protrusa</i>	Fragile Fern
<i>Dentaria laciniata</i>	Toothwort
<i>Eupatorium rugosum</i>	White Snakeroot
<i>Floerkea prosperpinacoides</i>	False Mermaid-weed
<i>Geranium maculatum</i>	Wild Geranium
<i>Hackelia virginiana</i>	Virginia Stickseed
<i>Hepatica acutiloba</i>	Hepatica
<i>Hesperos matronalis</i>	Dame's Rocket
<i>Hydrophyllum macrophyllum</i>	Fendler's Waterleaf
<i>Laportea canadensis</i>	Wood Nettle
<i>Lindera benzoin</i>	Spicebush
<i>Mertensia virginica</i>	Virginia Bluebells
<i>phlox divaricata</i>	Wild Sweet-william
<i>Podophyllum peltatum</i>	Mayapple
<i>Polygonum virginianum</i>	Jumpseed
<i>Polymnia canadensis</i>	Leaf-cup
<i>Polystichum acrostichoides</i>	Christmas Fern
<i>Ranunculus recurvatus</i>	Buttercup
<i>Sanguinaria canadensis</i>	Bloodroot
<i>Symplocarpus foetidus</i>	Skunk Cabbage
<i>Verbesina alternifolia</i>	Wingstem
<i>Viola striata</i>	White Violet
<i>Allium burdickii</i>	Early Wild Leek
<i>Camassia scilloides</i>	Wild Hyacinth
<i>Claytonia virginica</i>	Spring Beauty
<i>Comandra umbellata</i>	Bastard Toadflax
<i>Dryopteris marginalis</i>	Marginal Woodfern
<i>Frasera caroliniensis</i>	American Columbo
<i>Luzula sp.</i>	Wood-rush
<i>Polygonatum pubescens</i>	Solomons Seal
<i>Potentilla simplex</i>	Cinquefoil
<i>Sedum ternatum</i>	Wild Stonecrop
<i>Senecio obovatus</i>	Ragwort
<i>Taenidia integerrima</i>	Yellow Pimpernel
<i>Viburnum acerifolium</i>	Maple-leaved Arrow-wood
<i>Viola sororia</i>	Stemless Blue Violet
<i>Tsuga canadensis</i>	Eastern Hemlock

<i>Phlox divaricata</i>	Blue Phlox
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Senecio spp.</i>	Ragwort
<i>Cardamine concatenata</i>	Cutlead Toothwort
<i>Hydrophyllum virginianum</i>	Virginia Waterleaf
<i>Viola papilionaceae</i>	Blue Violet
<i>Viola Canadensis</i>	White Violet
<i>Podophyllum</i>	Mayapple
<i>Erythronium americanum</i>	Yellow Trout Lily
<i>Allium</i>	Wild Onion
<i>Thalictrum thalictroides</i>	Rue-anemone
<i>Parthenocissus quinquefolia</i>	Virginia Creeper
<i>Trillium grandiflorum</i>	Great White Trillium
<i>Actaea pachypoda</i>	White Baneberry
<i>Hesperis matronalis</i>	Dames Rocket
<i>Galium verum</i>	Ladies Bedstraw
<i>Dicentra canadensis</i>	Squirrel Corn
<i>Polygonum spp.</i>	Smartweed
<i>Urtica dioica</i>	Stinging Nettle
<i>Impatiens capensis</i>	Jewelweed
<i>Mertensia virginica</i>	Virginia Bluebells
<i>Allium schoenoprasum</i>	Chives
<i>Arctium spp.</i>	Burdock
<i>Vitis spp.</i>	Wild Grape
<i>Phytolacca americana</i>	American Pokeweed
<i>Gymnocarpium dryopteris</i>	Common Oak Fern
<i>Polemonium caeruleum</i>	Jacob's Ladder
<i>Hydrophyllum appendiculatum</i>	Great Water Leaf
<i>Ceriporia spissa</i>	Orange Poria
<i>Barbarea spp.</i>	Wintercress
<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint
<i>Symplocarpus foetidus</i>	Skunk Cabbage
<i>Sanguinaria canadensis</i>	Bloodroot
<i>Ranunculus repens</i>	Creeping Buttercup
<i>Claytonia virginica</i>	Spring Beauty
<i>Toxicodendron radicans</i>	Poison Ivy
<i>Maianthemum racemosum</i>	False Solomons Seal
<i>Dicentra cucullaria</i>	Dutchmans Breeches
<i>Hieracium spp.</i>	Hawkweed

<i>Glechoma hederacea</i>	Ground Ivy
<i>Epifagus americana</i>	Beech Drops
<i>Plantaginacae spp.</i>	Toad Flax
<i>Rumex crispus</i>	Curly Dock
<i>Asclepias syriaca</i>	Common Milkweed
<i>Monarda fistulosa</i>	Wild Bergamot
<i>Silphium perfoliatum</i>	Cup Plant
<i>Daucus carota</i>	Queen Annes Lace
<i>Calystegia sepium</i>	Hedge Bindweed
<i>Trifolium repens</i>	White Clover
<i>Antennaria plantaginifolia</i>	Plantain-leaf Pussetoe
<i>Sorghastrum nutans</i>	Indian Grass
<i>Chamaecrista fasciculata</i>	Partridge Pea
<i>Apocynum cannabinum</i>	Hemp Dogbane
<i>Ratibida pinnata</i>	Gray-headed Coneflower
<i>Vernonia gigantea</i>	Tall Ironweed
<i>Panicum virgatum</i>	Switch Grass
<i>Ambrosia artemisiifolia</i>	Common Ragweed
<i>Schizachyrium scoparium</i>	Little Bluestem
<i>Elymus canadensis</i>	Canada Wild Rye
<i>Erigeron strigosus</i>	Daisy Flea Bane
<i>Cirsium arvense</i>	Creeping Thistle
<b>Fungi</b>	
<i>Polyporus squamosus</i>	Dryads Saddle
<i>Mycena leaiana</i>	Orange Mycena
<i>Stereum complicatum</i>	Crowded Parchment
<i>Stereum ostrea</i>	False Turkey Tail
<b>Birds</b>	
<i>Pseudacris crucifer</i>	Spring Peeper
<i>Contopus Virens</i>	Eastern Wood-Pewee
<i>Vireo olivaceus</i>	Red-eyed Vireo
<i>Buteo jamaicensis</i>	Red-tailed Hawk
<i>Piranga olivaceae</i>	Scarlet Tanager
<i>leuconotopicus villosus</i>	Hairy Woodpecker
<i>Turdus migratorious</i>	American Robin
<i>Spizella passerina</i>	Chipping Sparrow
<i>Dumetella carolinensis</i>	Gray Catbird
<i>Poecile carolinensis</i>	Carolina Chickadee
<i>Poliophtila caerulea</i>	Blue-gray Gnatcatcher

<i>Cardinalis cardinalis</i>	Northern Cardinal
<i>Colaptes auratus</i>	Northern Flicker
<i>Setophaga ruticilla</i>	American Redstart
<i>Cyanocitta cristata</i>	Blue Jay
<i>Zenaida Macroura</i>	Mourning Dove
<i>Chordeiles minor</i>	Common Nighthawk
<i>Corvus brachyrhynchos</i>	American Crow
<i>Sayornis phoebe</i>	Eastern Phoebe
<i>Pipilo erythrophthalmus</i>	Eastern Towhee
<i>Empidonax vireescens</i>	Acadian Flycatcher
<i>Baeolophus bicolor</i>	Tufted Titmouse
<i>Hylocichla mustelina</i>	Wood Thrush
<i>Hyalotomus pileatus</i>	Pileated Woodpecker
<i>Parkesia motacilla</i>	Louisiana Waterthrush
<i>Ardea herodias</i>	Great Blue Heron
<i>Setophaga americana</i>	Northern Parula
<i>Catharus guttatus</i>	Hermit Thrush
<i>Passerina cyanae</i>	Indigo Bunting
<i>Lcterus galbula</i>	Baltimore Oriole
<i>Picoides pubescens</i>	Downy Woodpecker
<i>Melanerpes carolinus</i>	Red-bellied Woodpecker
<i>Geothlypis trichas</i>	Common Yellowthroat
<i>Catharus ustulatus</i>	Swainson's Thrush
<i>Durnetella carolinensis</i>	Gray Catbird
<i>Carduelis tristis</i>	American Goldfinch
<i>Zaniada macroura</i>	Morning Dove
<i>Strix varia</i>	Barred Owl
<i>Archilochus colubris</i>	Ruby-throated Hummingbird
<i>Empidonax alnorum</i>	Alder Flycatcher
<i>Empidonax traillii</i>	Willow Flycatcher
<i>Empidonax minimus</i>	Least Flycatcher
<i>Myiarchus crinitus</i>	Great crested Flycatcher
<i>Tachycineta bicolor</i>	Tree Swallow
<i>Sitta carolinensis</i>	White-breasted Nuthatch
<i>Thryothorus ludovicianus</i>	Carolina Wren
<i>Toxostoma rufum</i>	Brown Thrasher
<i>Seiurus aurocapilla</i>	Ovenbird
<i>Mniotilta varia</i>	Black-and-White Warbler
<i>Oreothlypis peregrina</i>	Tennessee Warbler

<i>Oreothlypis ruficapilla</i>	Nashville Warbler
<i>Setophaga tigrina</i>	Cape may Warbler
<i>Setophaga magnolia</i>	Magnolia Warbler
<i>Setophaga castanea</i>	Bay-breasted Warbler
<i>Setophaga fusca</i>	Blackburnian Warbler
<i>Setophaga striata</i>	Blackpoll Warbler
<i>Setophaga caerulescens</i>	Black-throated Blue Warbler
<i>Setophaga palmarum</i>	Palm Warbler
<i>Setophaga pinus</i>	Pine Warbler
<i>Setophaga dominica</i>	Yellow-throated Warbler
<i>Setophaga virens</i>	Black-throated Green Warbler
<i>Cardellina pusilla</i>	Wilson's Warbler
<i>Spizella pusilla</i>	Field Sparrow
<i>Passerculus sandwichensis</i>	Savannah Sparrow
<i>Melospiza melodia</i>	Song Sparrow
<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak
<i>Spiza americana</i>	Dickcissel
<i>Agelaius phoeniceus</i>	Red-winged Blackbird
<i>Molothrus ater</i>	Brown-headed Cowbird
<i>Spinus tristis</i>	American Goldfinch
<i>Chaetura pelagica</i>	Chimney Swift
<b>Spiders</b>	
<i>Agelenidae</i>	
<i>Coras juvenilis</i>	
<i>Callobius bennetti</i>	
<i>Castianeira longipalpa</i>	Manybanded Antmimic
<i>Phrurolithidae</i>	
<i>Phrurotimpus</i>	
<i>Dictynidae</i>	
<i>Emblyna sublata</i>	
<i>Hahniidae</i>	
<i>Neoantistea agilis</i>	
<i>Linyphiidae</i>	
<i>Ceratinopsidis formosa</i>	
<i>Bathyphantes pallidus</i>	
<i>Centromerus cornupalpis</i>	
<i>Frontinella communis</i>	Bowl and Doily Spider
<i>Neriene radiata</i>	Filmy Dome Spider
<i>Pityohyphantes costatus</i>	Hammock Spider

<i>Lycosidae</i>	
<i>Pardosa milvina</i>	Thinlegged Wolf Spider
<i>Pirata minutus</i>	Pirate Wolf Spider
<i>Pirata sedentarius</i>	
<i>Schizocosa ocreata</i>	Brushlegged Wolf Spider
<i>Oxyopidae</i>	
<i>Oxyopes salticus</i>	
<i>Pisauridae</i>	
<i>Dolomedes tenebrosus</i>	
<i>Salticidae</i>	
<i>Eris rufa</i>	
<i>Maevia inclemens</i>	Dimorphic Jumper
<i>Naphrys pulex</i>	
<i>Thiodina sylvana</i>	
<i>Tetragnathidae</i>	
<i>Leucauge venusta</i>	Orchard Orbweaver
<i>Tetragnatha laboriosa</i>	Silver Longjawed Orbweaver
<i>Tetragnatha guatemalensis</i>	
<i>Tetragnatha versicolor</i>	
<i>Theridiidae</i>	
<i>Parasteatoda tepidariorum</i>	Common House Spider
<i>Yunohamella lyrica</i>	
<i>Theridiosomatidae</i>	
<i>Theridiosoma gemmosum</i>	Ray Orbweaver
<i>Thomisidae</i>	
<i>Xysticus sp.</i>	
<i>Wadotes hybridus</i>	Funnel Weaver
<i>Cyclosa conica</i>	Trashline Spider
<i>Larinia Sp.</i>	Orb Weaver
<i>Larinioides cornutus</i>	Furrow Orbweaver
<i>Mangora placida</i>	Tufted-leg Orbweaver
<i>Micrathena sp.</i>	Orb Weaver
<i>Elaver sp.</i>	Sac Spider
<i>Philodromus sp.</i>	Running Crab Spider
<i>Hentzia sp.</i>	Jumping Spider
<i>Synemosyna formica</i>	Ant Mimic Jumping Spider
<i>Tetragnatha sp.</i>	Long-jaw Spider
<i>Theridion sp.</i>	Cob-web Weaver
<b>Gastropods</b>	



<i>Helix spp.</i>	Land Snail
<b>Fish</b>	
<i>Pimephales notatus</i>	Bluntnose Minnow
<i>Clinostomus elongatus</i>	Redside Dace
<i>Etheostoma caeruleum</i>	Rainbow Darter
<i>Etheostoma spectabile</i>	Orangethroat Darter
<i>Etheostoma blennioides</i>	Greenside Darter
<i>Lepomis macrochirus</i>	Bluegill
<i>Lepomis cyanellus</i>	Green Sunfish
<i>Micropterus punctulatus</i>	Spotted Bass
<i>Nocomis biguttatus</i>	Horny Head Chub