

Species List for the BioBlitz at Wesselman Woods Nature Preserve, Evansville, Indiana, Vanderburgh County (October 24-25)

The Rivers Institute at Hanover College and the Biodiversity and Natural Areas Committee of the Indiana Academy of Science partnered with the Wesselman Woods Society to conduct a successful BioBlitz at the Annual Fall Meeting of IAS in at the Wesselman Woods Nature Preserve in Evansville (October 24-25). A BioBlitz is a rapid assessment of the species found in a particular area over a short period of time (usually 24 hours). BioBlitz events include professional biologists, students, and citizen-scientists; they provide valuable scientific information and increase public appreciation of local biodiversity and awareness of conservation issues. Since 2002, a total of 12 BioBlitz events have taken place in Indiana, with two more planned for 2009. Three of these events (Otter Creek/Wabash BioBlitz, 2005; Hanover College BioBlitz, 2007; Wesselman Woods BioBlitz, 2008) have been the result of collaboration between IAS and the Rivers Institute at Hanover College.

The Wesselman Woods BioBlitz would not have been possible without the cooperation of the Wesselman Woods Society (a 501c(3)) not-for-profit, environmental organization founded in 1973) which operates the nature preserve. Special thanks to Kim Meadors, Wesselman Executive Director; Susan Haislip, Director of Operations; and staff members, Lauren Heske, Neal Brogan and Lisa Hoffman. They generously accommodated the BioBlitz survey teams while Wesselman Woods conducted one of their major annual events, the Harvest Hayride. In addition, the Evansville Armory opened its doors and allowed BioBlitz team members to stay at their facility free of charge on Friday evening. We also thank Dale Edwards (University of Evansville) and Nils Johansen (University of Southern Indiana) for their assistance.

Wesselman Woods Nature Preserve is an Indiana State Nature Preserve and National Natural Landmark featuring nearly 200 acres of virgin bottomland hardwood forest located within the city limits of Evansville, Indiana. The Wesselman Woods website (<http://www.wesselmannaturesociety.org/woods/index.php>) describes the preserve as an old-growth lowland forest of exceptionally high quality. The mean density of trees is high (125 trees per acre) and

the canopy starts far above the forest floor. There are many trees reaching 100 feet tall, and some are estimated to be nearly 300 years old. A wide diversity of tree, shrub, and wildflower species can be found at Wesselman Woods. Wesselman Woods also provides crucial habitat for a wide variety of animal species, including many invertebrates, mammals, reptiles, amphibians, and birds. No other city in the United States with a population exceeding 100,000 has, within its corporate limits, a nature preserve of such acreage and quality. Wesselman Woods is a real Indiana treasure.

Approximately 35 scientists, students, and local naturalists participated in the BioBlitz. There were six taxonomic teams (plants, fungus, fish and aquatic invertebrates, amphibians and reptiles, mammals and birds). The BioBlitz began on Friday afternoon and extended into Friday evening. Survey work began again on Saturday morning and culminated in a Biodiversity “show-and-tell” at the Wesselman Woods Nature Center where the teams displayed some of their most interesting finds for the public. In addition to the final public event, visitors to the woods stopped and talked with survey teams while they were in the field. (Note: BioBlitz participants had obtained the necessary permits to work in a dedicated nature preserve; any vertebrates collected were released at their site of capture following the show-and-tell.) The overall species counts were as follows:

- Vascular plants: 136 (117 native species, 19 non-native species)
- Fungi and slime molds: 45 species
- Aquatic invertebrates: 24 taxa (10 species & 14 taxa identified to genus or family)
- Fish: 1 species
- Amphibians: 3 species
- Reptiles: 2 species
- Mammals: 6 species (4 additional species based on mammal sign)
- Birds: 45 species
- Preliminary total: 262 species (including all 24 aquatic invertebrate taxa)

Air temperatures ranged from 10 to 20° C during the BioBlitz; cloud cover was variable and there was some rain on Friday night. Paul Rothrock, leader of the plant team, noted that the state endangered sedge (*Carex aureolensis* Steud) was found at Wesselman, a new record. The leader of the fungus team, Don Ruch (BSU), indicated that among the 45 species collected, they did not find any unusual taxa; most of the mushrooms collected were wood rots (lignicolous decomposers). The relatively cool weather

encountered on Friday evening and Saturday morning undoubtedly influenced the animal species count. The aquatic team was led by James Gammon (DePauw) and Jim Stahl (IDNR); they electro-fished and dip-netted in a small perennial first order stream and a ¼ acre pond. The only fish collected were Green Sunfish (*Lepomis cyanellus*) from the stream. The major finds for the herp team led by Bob Brodman (St. Joseph's College) were female marbled salamanders (*Ambystoma opacum*) brooding their eggs in a dry seasonal pond. The mammal team led by Dale Sparks (ISU) set up two bat mist nest stations on Friday evening, but collected no bats due to weather. They also deployed Sherman traps for trapping small mammals (the White-footed Mouse, *Peromyscus leucopus*, and House Mice, *Mus muscalus*, were caught). The bird team led by John Castrale (IDNR) recorded a few species that were a bit unusual because of their seasonal occurrence (mainly late migrants); they also participated in a Friday evening owl hoot. In addition to bird observations, Scott Kramer, a local naturalist conducted a bird banding demonstration for the public. For comparison, we recorded 370 species during the 2005 Otter Creek BioBlitz and 571 species during the 2007 Hanover College BioBlitz.

BioBlitz Team Leaders

Robert D. Brodman: Biology Department, St. Joseph's College, Rensselaer, Indiana 47978 USA

John S. Castrale: Indiana State Division of Fish and Wildlife, 562 DNR Road, Mitchell, IN 47466

James R. Gammon: DePauw University, Professor Emeritus, Greencastle, IN 46135 USA

Daryl R. Karns: Rivers Institute and Biology Department, Hanover College, Hanover, Indiana 47243 USA

Paul E. Rothrock: Randall Environmental Center, Taylor University, Upland, Indiana 46989 USA

Donald G. Ruch: Department of Biology, Ball State University, Muncie, Indiana 47306 USA

Dale Sparks: Department of Ecology and Organismal Biology, Indiana State University, Terre Haute, Indiana 47809 USA

James R. Stahl: Indiana Department of Environmental Management, 100 N. Senate Avenue MC65-40-2 Shadeland, Indianapolis, IN 46204 USA

Table 1. List of the vascular plants observed during the BioBlitz at Wesselman Woods Nature Preserve (October 24-25, 2008). Scientific names in all capitals indicate non-native species. Paul Rothrock, Taylor University, was the Plant Survey Team Leader.

Family	Scientific Name	Common Name
FERNS AND FERN ALLIES		
Aspleniaceae	<i>Asplenium platyneuron</i> (L.) B.S.P.	EBONY SPLEENWORT
Dryopteridaceae	<i>Polystichum acrostichoides</i> (Michx.) Schott	CHRISTMAS FERN SPARSE-LOBED GRAPE FERN
Ophioglossaceae	<i>Botrychium biternatum</i> (Sav.) Underw	BRONZE FERN
Ophioglossaceae	<i>Botrychium dissectum</i> Spreng.	MARSH CLUB MOSS
Selaginellaceae	<i>Selaginella apoda</i> (L.) Spring	BROAD BEECH FERN
Thelypteridaceae	<i>Phegopteris hexagonoptera</i> (Michx.) Fée	
GYMNOSPERMS		
Cupressaceae	<i>Taxodium distichum</i> (L.) Rich.	BALD CYPRESS
Pinaceae	<i>Pinus strobus</i> L.	WHITE PINE
FLOWERING PLANTS		
Acanthaceae	<i>Ruellia strepens</i> L.	SMOOTH RUELLIA
Aceraceae	<i>Acer negundo</i> L.	BOXELDER
Aceraceae	<i>Acer rubrum</i> L.	RED MAPLE
Aceraceae	<i>Acer saccharum</i> Marsh. ssp. <i>nigrum</i> (Michx. f.) Desmarais	BLACK MAPLE
Aceraceae	<i>Acer saccharum</i> Marsh ssp. <i>saccharum</i>	SUGAR MAPLE
Acoraceae	<i>ACORUS CALAMUS</i> L.	EUROPEAN SWEET FLAG
Anacardiaceae	<i>Toxicodendron radicans</i> (L.) Kuntze	POISON IVY
Annonaceae	<i>Asimina triloba</i> (L.) Dunal	PAPAW
Apiaceae	<i>Cryptotaenia canadensis</i> (L.) DC.	HONEWORT
Apiaceae	<i>Osmorhiza claytonii</i> (Michx.) C.B. Clarke	HAIRY SWEET CICELY CLUSTERED BLACK
Apiaceae	<i>Sanicula odorata</i> (Raf.) K.M. Pryer & L.R. Phillippe	SNAKEROOT

Apocynaceae	<i>Apocynum cannabinum</i> L.	DOGBANE
Aquifoliaceae	<i>ILEX OPACA</i> Aiton	AMERICAN HOLLY
Aristolochiaceae	<i>Aristolochia serpentaria</i> L.	BIRTHWORT
Aristolochiaceae	<i>Asarum canadense</i> L.	CANADA WILD GINGER
Asclepiadaceae	<i>Asclepias syriaca</i> L.	COMMON MILKWEED
Asteraceae	<i>Ageratina altissima</i> (L.) King & H. Rob.	WHITE SNAKEROOT
Asteraceae	<i>Conyza canadensis</i> (L.) Cronq.	HORSEWEED
Asteraceae	<i>Erechtites hieraciifolius</i> (L.) Raf.	FIREWEED
Asteraceae	<i>Eupatorium serotinum</i> Michx.	LATE BONESET
Asteraceae	<i>Prenanthes altissima</i> L.	TALL WHITE LETTUCE
Asteraceae	<i>Smallanthus uvedalius</i> (L.) Mack. ex Small	BEAR'S FOOT
Asteraceae	<i>Solidago altissima</i> L.	TALL GOLDENROD
Asteraceae	<i>Solidago caesia</i> L.	BLUESTEM GOLDENROD
Asteraceae	<i>Symphotrichum lanceolatum</i> (Willd.) G.L. Nesom	PANICLED ASTER
Asteraceae	<i>Verbesina alternifolia</i> (L.) Britton ex Kearney	WINGSTEM
Asteraceae	<i>Vernonia gigantea</i> (Walter) Trel.	TALL IRONWEED
Betulaceae	<i>Betula nigra</i> L.	RIVER BIRCH
Betulaceae	<i>Carpinus caroliniana</i> Walt.	BLUE BEECH
Betulaceae	<i>Ostrya virginiana</i> (Mill.) K. Koch	HOP HORNBEAM
Bignoniaceae	<i>Campsis radicans</i> (L.) Seem. ex Bureau	TRUMPET CREEPER
Bignoniaceae	<i>Catalpa speciosa</i> (Warder) Warder ex Engelm.	CIGAR TREE
Boraginaceae	<i>Hackelia virginiana</i> (L.) Johnst.	STICKSEED
Brassicaceae	<i>ALLIARIA PETIOLATA</i> (Bieb.) Cav. & Gran.	GARLIC MUSTARD
Campanulaceae	<i>Campanulastrum americanum</i> (L.) Small	AMERICAN BELLFLOWER
Caprifoliaceae	<i>LONICERA JAPONICA</i> Thunb.	JAPANESE HONEYSUCKLE
Celastraceae	<i>EUONYMUS ALATA</i> (Thunb.) Siebold	WINGED EUONYMUS
Celastraceae	<i>EUONYMUS FORTUNEI</i> (Turcz.) Hand.-Maz.	WINTERCREEPER
Commelinaceae	<i>COMMELINA COMMUNIS</i> L.	COMMON DAY FLOWER
Cornaceae	<i>Cornus florida</i> L.	FLOWERING DOGWOOD
Cornaceae	<i>Nyssa sylvatica</i> Marsh.	BLACK GUM
Cyperaceae	<i>Carex aureolensis</i> Steud.	GOLDEN CATTAIL SEDGE

Cyperaceae	<i>Carex radiata</i> (Wahlenb.) Small	BRACTED SEDGE
Cyperaceae	<i>Carex tribuloides</i> Wahl.	BROAD-LEAVED OVAL SEDE
Dioscoreaceae	<i>DIOSCOREA POLYSTACHYA</i> Turcz.	CHINESE YAM
Dioscoreaceae	<i>Dioscorea villosa</i> L.	COMMON WILD YAM
Ebenaceae	<i>Diospyros virginiana</i> L.	PERSIMMON
Euphorbiaceae	<i>Acalypha rhomboidea</i> Raf.	THREE-SEEDED MERCURY
Fabaceae	<i>Cercis canadensis</i> L.	EASTERN REDBUD
Fabaceae	<i>Gleditsia triacanthos</i> L.	HONEY LOCUST
Fabaceae	<i>Robinia pseudoacacia</i> L.	BLACK LOCUST
Fagaceae	<i>Quercus alba</i> L.	WHITE OAK
Fagaceae	<i>Quercus bicolor</i> Willd.	SWAMP WHITE OAK
Fagaceae	<i>Quercus falcata</i> Michx.	SOUTHERN RED OAK
Fagaceae	<i>Quercus macrocarpa</i> Michx.	BURR OAK
Fagaceae	<i>Quercus michauxii</i> Nutt.	BASKET OAK
Fagaceae	<i>Quercus muhlenbergii</i> Engelm.	CHINKAPIN OAK
Fagaceae	<i>Quercus palustris</i> Münchh.	PIN OAK
Fagaceae	<i>Quercus shumardii</i> Buckley	SHUMARD'S OAK
Fagaceae	<i>Quercus velutina</i> Lam.	BLACK OAK
Hamamelidaceae	<i>Liquidambar styraciflua</i> L.	SWEET GUM
Juglandaceae	<i>Carya cordiformis</i> (Wang.) Koch	BITTERNUT HICKORY
Juglandaceae	<i>Carya glabra</i> (Mill.) Sweet	PIGNUT HICKORY
Juglandaceae	<i>Carya illinoensis</i> (Wang.) Koch	PECAN
Juglandaceae	<i>Carya ovata</i> (Mill.) Koch	SHAGBARK HICKORY
Juglandaceae	<i>Carya tomentosa</i> (L.) Nutt	MOCKERNUT HICKORY
Juglandaceae	<i>Juglans nigra</i> L.	BLACK WALNUT
Lamiaceae	<i>Agastache nepetoides</i> (L.) Kuntze	YELLOW GIANT HYSSOP
Lamiaceae	<i>Collinsonia canadensis</i> L.	CITRONELLA HORSE BALM
Lamiaceae	<i>GLECHOMA HEDERACEA</i> L.	GROUND IVY
Lamiaceae	<i>PERILLA FRUTESCENS</i> (L.) Britton	BEEFSTEAK PLANT
Lauraceae	<i>Lindera benzoin</i> (L.) Blume	HAIRY SPICEBUSH

Lauraceae	<i>Sassafras albidum</i> (Nutt.) Nees	SASSAFRAS LARGE-FLOWER BELLWORT
Liliaceae	<i>Uvularia grandiflora</i> Sm.	TULIP POPLAR
Magnoliaceae	<i>Liriodendron tulipifera</i> L.	MOONSEED
Menispermaceae	<i>Menispermum canadense</i> L.	WHITE MULBERRY
Moraceae	<i>MORUS ALBA</i> L.	RED MULBERRY
Moraceae	<i>Morus rubra</i> L.	WHITE ASH
Oleaceae	<i>Fraxinus americana</i> L.	RED ASH
Oleaceae	<i>Fraxinus pennsylvanica</i> Marsh.	COMMON PRIVET
Oleaceae	<i>LIGUSTRUM VULGARE</i> L.	TALL WOOD SORREL
Oxalidaceae	<i>Oxalis stricta</i> L.	LOPSEED
Phrymaceae	<i>Phryma leptostachya</i> L.	POKEWEED
Phytolaccaceae	<i>Phytolacca americana</i> L.	
Plantaginaceae	<i>PLANTAGO MAJOR</i> L.	COMMON PLANTAIN
Platanaceae	<i>Platanus occidentalis</i> L.	SYCAMORE LONG-AWNEED WOOD GRASS
Poaceae	<i>Brachyelytrum erectum</i> (Schreb. ex Spreng.) P. Beauv.	COMMON WOOD REED
Poaceae	<i>Cinna arundinacea</i> L.	BOTTLEBRUSH GRASS
Poaceae	<i>Elymus hystrix</i> L.	VIRGINIA WILD RYE
Poaceae	<i>Elymus virginicus</i> L.	FOWL MANNA GRASS
Poaceae	<i>Glyceria striata</i> (Lam.) Hitchc.	WHITE GRASS
Poaceae	<i>Leersia virginica</i> Willd.	MUNRO GRASS
Poaceae	<i>Panicum rigidulum</i> Bosc ex Nees	FOUR-ROWED BEAD GRASS
Poaceae	<i>Paspalum pubiflorum</i> Rupr. ex Fourn.	GIANT FOXTAIL GRASS
Poaceae	<i>SETARIA FABERI</i> Herrm.	CREEPING SMARTWEED
Polygonaceae	<i>PERSICARIA CAESPITOSA</i> (Blume) Nakai	SMARTWEED
Polygonaceae	<i>Persicaria punctata</i> (Elliot) Small	VIRGINIA KNOTWEED
Polygonaceae	<i>Tovara virginiana</i> (L.) Raf.	MONEYWORT
Primulaceae	<i>LYSIMACHIA NUMMULARIA</i> L.	SWAMP AGRIMONY
Rosaceae	<i>Agrimonia parviflora</i> Ait.	

Rosaceae	<i>Agrimonia rostellata</i> Wallr.	WOODLAND AGRIMONY
Rosaceae	<i>Crataegus crus-galli</i> L.	COCK-SPUR HAWTHORN
Rosaceae	<i>Crataegus mollis</i> Scheele	DOWNY HAWTHORN
Rosaceae	<i>DUCHESNEA INDICA</i> (Andrews) Focke	INDIAN STRAWBERRY
Rosaceae	<i>Geum canadense</i> Jacq.	WHITE AVENS
Rosaceae	<i>Geum vernum</i> (Raf.) Torrey & A. Gray	SPRING AVENS
Rosaceae	<i>Prunus serotina</i> Ehrh.	WILD BLACK CHERRY
Rosaceae	<i>ROSA MULTIFLORA</i> Thunb.	JAPANESE ROSE
Rubiaceae	<i>Cephalanthus occidentalis</i> L.	BUTTONBUSH
Rubiaceae	<i>Galium circaezans</i> Michx.	SMOOTH WILD LICORICE
		SWEET-SCENTED
		BEDSTRAW
Rubiaceae	<i>Galium triflorum</i> Michx.	
Salicaceae	<i>Populus deltoides</i> Bartram ex Marsh.	EASTERN COTTONWOOD
Salicaceae	<i>Salix nigra</i> Marsh.	BLACK WILLOW
Scrophulariaceae	<i>Scrophularia marilandica</i> L.	LATE FIGWORT
Simaroubaceae	<i>AILANTHUS ALTISSIMA</i> (Mill.) Swingle	TREE-OF-HEAVEN
Smilacaceae	<i>Smilax tamnoides</i> L.	BRISTLY GREEN BRIER
Smilacaceae	<i>Smilax rotundifolia</i> L.	CAT BRIER
Ulmaceae	<i>Celtis occidentalis</i> L.	HACKBERRY
Ulmaceae	<i>Ulmus americana</i> L.	AMERICAN ELM
Ulmaceae	<i>Ulmus rubra</i> Muhl.	SLIPPERY ELM
Urticaceae	<i>Boehmeria cylindrica</i> (L.) Sw.	FALSE NETTLE
Urticaceae	<i>Laportea canadensis</i> (L.) Wedd.	CANADA WOOD NETTLE
Urticaceae	<i>Pilea pumila</i> (L.) A. Gray	CANADA CLEARWEED
Verbenaceae	<i>Verbena urticifolia</i> L.	WHITE VERVIAN
Violaceae	<i>Viola sororia</i> Willd.	WOOLLY BLUE VIOLET
Vitaceae	<i>Parthenocissus quinquefolia</i> (L.) Planch.	VIRGINIA CREEPER
Vitaceae	<i>Vitis cinerea</i> (Engelm.) Engelm. ex Millard	WINTER GRAPE
Vitaceae	<i>Vitis vulpina</i> L.	FROST GRAPE

Table 2. List of the fungi and slime molds collected during the BioBlitz at Wesselman Woods Nature Preserve (October 24-25, 2008). Donald G. Ruch, Ball State University, was the Mushroom Survey Team Leader.

Scientific Name	Common Name
SLIME MOLDS	
<i>Lycogala epidendrum</i> (L.) Fr.	Wolf's Udder; Wolf's Milk Slime
ASCOMYCETES	
<i>Bisporrella citrina</i> (Batsch:Fr.) Korf & S.E. Carp.	Yellow Fairy Cups
BASIDIOMYCETES	
<i>Armillaria mellea</i> (Vahl:Fr.) P. Kumm. (Rhizomorph on fallen tree)	Honey Mushroom
<i>Armillaria tabescens</i> (Scopl.:Fr.) Emel	Ringless Honey Mushroom
<i>Bjerkandera adusta</i> (Willd.) Karst.	Smoky Polypore; Big Smoky Bracket
<i>Calocera cornea</i> (Batsch:Fr.) Fr.	Club-like Tuning Fork
<i>Calvatia gigantea</i> (Batsch) Lloyd	Giant Puffball
<i>Clavicornia pyxidata</i> (Pers.) Donk	Crown-Tipped Coral
<i>Coltricia perennis</i> (L.) Murrill	Brown Funnel Polypore
<i>Coprinus micaceus</i> (Bull.: Fr.) Fr.	Mica Inky-Cap
<i>Cyathus striatus</i> (Huds.) Hoffm.	Splash Cups; Fluted Bird's Nest Fungus
<i>Daedaleopsis confragosa</i> (Bolton) J. Schröt.	Thin-Walled Maze Polypore; Thin-Maze Polypore
<i>Exidia glandulosa</i> Fr.	Black Witch's Butter
<i>Galerina autumnalis</i> (Pk.) A.H. Sm. & Sing.	Deadly Galerina; Autumn Skullcap
<i>Gymnopus dryophilus</i> (Bull.) Murrill	Common Collybia
<i>Hapalopilus rutilans</i> (Pers.) P. Karst.	Tender Nesting Polypore
<i>Irpex lacteus</i> (Fr.:Fr.) Fr.	Milk-White Toothed Polypore
<i>Ischnoderma resinosum</i> (Schard.:Fr.) Karst.	Resinous Polypore; Late Fall Polypore
<i>Laetiporus sulphureus</i> var. <i>sulphureus</i> (Bull.) Murrill	Chicken of the Woods; Sulphur Shelf
<i>Lentinellus ursinus</i> (Fr.) Kuhner	Bear Lentinus
<i>Lycoperdon pyriforme</i> Schaeff.:Pers.	Pear-Shaped or Stump Puffball
<i>Marasmius</i> sp.	
<i>Mycena galericulata</i> (Scop.) Gray	Common Bonnet; Bonnet or Common Mycena
<i>Mycena luteopallens</i> Peck	Walnut Mycena
<i>Mycena haematopus</i> (Pers.) P. Kumm.	Blood-Foot Mushroom; Bleeding Mycena
<i>Panellus stipticus</i> (Bull.) P. Karst.	Luminescent Panellus; Bitter Oysterling
<i>Phanerochaete chrysorhiza</i> (Torrey) Gilbert	Spreading Yellow Tooth
<i>Phlebia tremellosa</i> (Schrad.:Fr.) Burds. & Nakasone (<i>Merulius tremellosus</i> Schrad.:Fr.)	Trembling Merulius; Jelly Rot
<i>Phylloporus rhodoxanthus</i> (Schwein.) Bres.	(Golden) Gilled Bolete
<i>Pleurotus ostreatus</i> (Jacq.) Quel.	Oyster Mushroom
<i>Pluteus cervinus</i> (Schaeff.:Fries) P. Kumm.	Deer or Fawn Mushroom; Deer Shield
<i>Polyporus badius</i> (Pers.) Schwein. (<i>Polyporus picipes</i> Fr.)	Bay Polypore; Black-Footed Polypore
<i>Psathyrella velutina</i> (Pers.) Sing.	Weeping Widow; Velvety Psathyrella
<i>Rhytisma acerinum</i> Pers. ex. Fr.	Tar Spot of maple

<i>Schizophyllum commune</i> Fr.	Split-Gill Mushroom
<i>Stereum striatum</i> (Fr.) Fr.	Silky Parchment
<i>Stereum ostrea</i> (Blume & Nees:Fr.) Fr.	False Turkey Tail; Golden Curtain Crust
<i>Trametes versicolor</i> (L.:Fr.) Pilat	Turkey Tail; Many-Zoned or Banded Polypore
<i>Trametes elegans</i> (Spreng.:Fr.) Fr.	White Maze Polypore
<i>Tremella reticulata</i> (Berk.) Farlow	White Coral Jelly Fungus
<i>Tremella mesenterica</i> Retz.: Fr.	Golden Jelly Fungus; Witch's Butter
<i>Trichaptum bifforme</i> (Fr. in Klotzch) Ryv.	Violet-Toothed Polypore; Purple Tree Fungus
<i>Tricholomopsis rutilans</i> (Schaeff.) Sing.	Variegated Tricholomopsis; Plums and Custard
<i>Tyromyces chioneus</i> (Fr.) P. Karst.	White Cheese Polypore
<i>Xylobolus frustulatus</i> (Pers.:Fr.) Boidin	Ceramic Parchment

Table 3. List of the birds observed during the BioBlitz at Wesselman Woods Nature Preserve (October 24-25, 2008). John Castrale, Indiana Department of Natural Resources, was the Bird Survey Team Leader.

Common Name	Scientific Name	Number
ANATIDAE		
Canada Goose	<i>Branta canadensis</i>	25
ARDEIDAE		
Great Blue Heron	<i>Ardea herodias</i>	1
CATHARTIDAE		
Turkey Vulture	<i>Cathartes aura</i>	15
ACCIPITRIDAE		
Red-shouldered Hawk	<i>Buteo lineatus</i>	2
CHARADRIIDAE		
Killdeer	<i>Charadrius vociferus</i>	5
COLUMBIDAE		
Rock Pigeon	<i>Columba livia</i>	15
Mourning Dove	<i>Zenaida macroura</i>	6
STRIGIDAE		
Barred Owl	<i>Strix varia</i>	1
PICIDAE		
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	2
Downy Woodpecker	<i>Picoides pubescens</i>	8
Hairy Woodpecker	<i>Picoides villosus</i>	2
Northern Flicker	<i>Colaptes auratus</i>	1
Pileated Woodpecker	<i>Dryocopus pileatus</i>	3
VIREONIDAE		
Blue-headed Vireo	<i>Vireo solitarius</i>	4
CORVIDAE		
Blue Jay	<i>Cyanocitta cristata</i>	5
American Crow	<i>Corvus brachyrhynchos</i>	4
HIRUNDINIDAE		
Tree Swallow	<i>Tachycineta bicolor</i>	1
PARIDAE		
Carolina Chickadee	<i>Poecile carolinensis</i>	22
Tufted Titmouse	<i>Baeolophus bicolor</i>	30
SITTIDAE		
White-breasted Nuthatch	<i>Sitta carolinensis</i>	8

TROGLODYTIDAE		
Carolina Wren	<i>Thryothorus ludovicianus</i>	13
House Wren	<i>Troglodytes aedon</i>	1
REGULIDAE		
Golden-crowned Kinglet	<i>Regulus satrapa</i>	7
Ruby-crowned Kinglet	<i>Regulus calendula</i>	2
TURDIDAE		
Swainson's Thrush	<i>Catharus ustulatus</i>	5
Hermit Thrush	<i>Catharus guttatus</i>	3
American Robin	<i>Turdus migratorius</i>	40
MIMIDAE		
Northern Mockingbird	<i>Mimus polyglottos</i>	1
STURNIDAE		
European Starling	<i>Sturnus vulgaris</i>	12
PARULIDAE		
Yellow-rumped Warbler	<i>Dendroica coronata</i>	25
Black-throated Green Warbler	<i>Dendroica virens</i>	1
EMBERIZIDAE		
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	2
Chipping Sparrow	<i>Spizella passerina</i>	30
Field Sparrow	<i>Spizella pusilla</i>	6
Song Sparrow	<i>Melospiza melodia</i>	7
Swamp Sparrow	<i>Melospiza georgiana</i>	1
White-throated Sparrow	<i>Zonotrichia albicollis</i>	26
Dark-eyed Junco	<i>Junco hyemalis</i>	8
CARDINALIDAE		
Northern Cardinal	<i>Cardinalis cardinalis</i>	18
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	1
ICTERIDAE		
Common Grackle	<i>Quiscalus quiscula</i>	179
FRINGILLIDAE		
House Finch	<i>Carpodacus mexicanus</i>	7
Pine Siskin	<i>Carduelis pinus</i>	1
American Goldfinch	<i>Carduelis tristis</i>	13
PASSERIDAE		
House Sparrow	<i>Passer domesticus</i>	1

Table 4. List of non-avian vertebrates collected during the BioBlitz at Wesselman Woods Nature Preserve (October 24-25, 2008). Dale Sparks, Indiana State University was the Mammal Team Survey Leader; Bob Brodman, St. Joseph's College, was the Amphibian and Reptile Survey Team Leader; and Jim Stahl (IDEM) and Jim Gammon (DePauw University) were the Aquatic Survey Team Leaders.

Scientific Name	Common Name	Number
CLASS MAMMALIA		
TALPIDAE		
<i>Scalopus aquaticus</i>	Eastern Mole	burrows
SCIURIDAE		
<i>Sciurus niger</i>	Fox Squirrel	1
CRICETIDAE		
<i>Peromyscus leucopus</i>	White-footed Mouse	1
MURIDAE		
<i>Mus musculus</i>	House Mouse	1
PROCYONIDAE		
<i>Procyon lotor</i>	Raccoon	1
CERVIDAE		
<i>Odocoileus virginianus</i>	White-tailed Deer	3
CLASS AMPHIBIA		
AMBYSTOMATIDAE		
<i>Ambystoma opacum</i>	Marbled Salamander	12 (4 nests)
PLETHODONTIDAE		
<i>Plethodon glutinosus</i>	Northern Slimy Salamander	2
RANIDAE		
<i>Rana utricularia</i>	Southern Leopard Frog	1
CLASS REPTILIA		
EMYDIDAE		
<i>Terrapene carolina carolina</i>	Eastern Box Turtle	3
<i>Trachemys scripta elegans</i>	Red-eared Slider	1
CLASS OSTEICHTHYES		
CENTRARCHIDAE		
<i>Lepomis cyanellus</i>	Green Sunfish	43

Table 5. List of the aquatic invertebrates collected in Harper Ditch on October 24, 2008 during the BioBlitz at Wesselman Woods Nature Preserve. Harper ditch is a small perennial first order stream that runs along the east perimeter of the Wesselman Woods Nature Preserve. Jim Stahl (IDEM) and Jim Gammon (DePauw University) were the Aquatic Invertebrate Team Leaders. Invertebrate identifications were confirmed by Paul McMurray (IDEM).

Order	Family	Genus	Species	Count
Isopoda	Ascellidae	<i>Caeciodotea</i>	spp.	67
Decapoda	Cambaridae	<i>Orconectes</i>	<i>immunis</i>	8
Diptera	Chironomidae	<i>Psectrotanypus</i>	<i>dyari</i>	1
Diptera	Chironomidae	<i>Thienemannimyia</i>	Grp.	1
Diptera	Chironomidae	<i>Chironomus</i>	spp.	38
Odonata	Aeshnidae	<i>Anax</i>	<i>junius</i>	1
Oligochaeta (subclass)	Tubificidae	-	-	1
Hirudinea (subclass)	Glossiphonidae	-	-	1
Pelecypoda (Class)	Pisiidae	<i>Pisidium</i>	spp.	12
Pelecypoda (Class)	Physidae	<i>Physella</i>	spp.	3

Table 6. List of the aquatic invertebrates collected at Odonata Pond, a small ¼ acre pond located at the east south east end of the property, on October 25, 2008 during the BioBlitz at Wesselman Woods Nature Preserve. Jim Stahl (IDEM) and Jim Gammon (DePauw University) were the Aquatic Invertebrate Team Leaders. Invertebrate identifications were confirmed by Paul McMurray (IDEM).

Order	Family	Genus	Species	Count
Megaloptera	Sialidae	<i>Sialis</i>	spp.	55
Odonata	Libellulidae	<i>Sympetrum</i>	spp.	11
Coleoptera	Dytiscidae	<i>Neoporus</i>	<i>dimidiatus</i>	2
Coleoptera	Dytiscidae	<i>Neoporus</i>	<i>carolinus</i> (?)	6
Hemiptera	Corixidae	<i>Trichorcorixa</i>	<i>calva</i>	1
Hemiptera	Pleidae	<i>Neoplea</i>	<i>striola</i>	1
Diptera	Chironomidae	<i>Clinotanypus</i>	<i>pinguis</i>	2
Diptera	Ceratopogonidae	<i>Serromyia</i>	spp.	1
Gastropoda (Class)	Lymnaeidae	<i>Pseudosuccinea</i>	<i>columella</i>	2
Pelecypoda (Class)	Pisiidae	---	---	9
Pelecypoda (Class)	Pisiidae	<i>Pisidium</i>	spp.	12
Pelecypoda (Class)	Pisiidae	<i>Musculium</i>	<i>securis</i>	29
Tricladida	Planariidae	---	---	1
Oligochaeta (subclass)	Tubificidae	---	---	4