



Ohio Young Birders Club

Crown Point Bioblitz

July 7, 2007

Crown Point Farm & Education Center

Bath, Ohio

**Ohio Young Birders Club
Crown Point Bioblitz**

July 7, 2007

**Crown Point Farm & Ecology Center
Bath, Ohio**

Acknowledgements

The Ohio Young Birders Club wishes to thank Sr. Joanne Buckman and the staff of Crown Point Farm and Ecology Center for giving us the opportunity to learn and experience all the nature on their wonderful diverse Bath, Ohio complex.

We also want to thank all of the field biologists and naturalists for volunteering their time and expertise on this day. Also this event could not have happened without the volunteers from the Kirtland Bird club who planned and organized this event and assisted us in the field to record the animal life we found.

The bioblitz inventories and photos have been published at http://www.bsbo.org/past_events/oybc_crown_point_bioblitz_07072007.htm

~ ~ Delores Cole
Ohio Young Birders Club



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1. Service Project Overview

The Ohio Young Birders Club (OYBC) typically schedules one field trip or service project per month. These activities are coordinated by OYBC sponsors. The Crown Point Bioblitz, held on Saturday, July 7, 2007, was planned and coordinated by volunteer members of the Kirtland Bird Club (KBC), Cleveland Ohio and the Crown Point staff.

Objective:

This activity was designated as the OYBC's July service project with an objective of spending one day on the Crown Point grounds inventorying the nature found and working with field experts to learn about what was seen. We also invited the local community to participate. The output of the inventory would be documented, summarized, and provided to Crown Point for use in their future land management plans. The possibility of this being an annual event is also under consideration.

How was this accomplished?

- A weekend date was selected when use of the facilities and grounds would not impact another Crown Point event.
- Specialized field biologists and naturalists were invited to participate.
- The event was advertised in the local and Cleveland area newspapers as well as on the BSBO, OYBC, KBC and Crown Point's websites. See flyers, etc.
- Along with the OYBC members and supporters, the local community was invited to participate.
- A schedule of the day's activities was developed and published.
- Volunteers from KBC and Crown Point were assigned to teams and were responsible for recording the inventories.
- The volunteers submitted the inventories and participants submitted photos.
- The inventories and photos were organized and compiled by volunteers into a report submitted to Crown Point Farm & Education Center and to the Parks of Summit County.

This event would not have been possible without the expert field volunteers, Crown Point staff, and KBC volunteers.

SCHEDULE	
07:00 AM – 09:00 AM	"Early Bird: Bird Walk
09:00 AM – 09:15 AM	Registration
09:15 AM – 09:30 AM	Welcome & Purpose (in barn)
09:45 AM – 11:45 PM	Walks with leaders
11:45 PM - 01:00 PM	Morning Recap (in barn) & Lunch
01:00 PM - 02:45 PM	Walks with leaders
02:45 PM - 03:00 PM	Record results & change groups
03:00 PM - 05:15 PM	Walks with leaders
05:30 PM - 06:00 PM	Closing recap & remarks (in barn)

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2. Organizations' Histories and Information

The History of the Ohio Young Birders Club

On Sunday, May 21, 2006 the Ohio Young Birders Club (OYBC) became official! There are still some details to work out, but we're off to a great start. And how cool is it that we saw a Kirtland's Warbler before the start of our very first meeting?! I think it was an omen of the great things to come!

We made some important decisions during our initial meeting, the first of which was choosing our club name. We also worked out things like membership dues and the age range for joining the club, as well as selecting a bird for our logo! The OYBC proudly declares the Golden-winged Warbler, our logo bird!

- Ohio's Young Birders Club
- Age range for eligibility is 12 - 18
- Membership dues will be \$5.00 per year
- Adults may join as supporting members for \$10.00

The club will be sponsored by the Black Swamp Bird Observatory with support from the Kirtland Bird Club and many other birding and conservation organizations.

On May 6th, three of the clubs founding members, Phillip Chaon, Ethan Kistler, and Brad Wilkinson took on the challenge of doing a Big Sit as a fund raiser for our fledgling club. In a suburban backyard in the Cleveland Heights area, these fantastic young birders managed to rack up 50 species! Through the generous donations of Big Sit sponsors, we were able to raise \$475.00! Congratulations guys!

We are planning our first field trips and I'll be in touch with more details soon. I'll also be sending some possible dates for our next meeting.

Thank you to everyone who participated in our first meeting!
I hope to see all of you at a OYBC event soon!

Take care,
Kim Kaufman
Education Director, BSBO

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2. Organizations' Histories and Information

History of Crown Point Farm & Education Center

Since much of the land in Bath, Ohio was not considered desirable because it is rough and precipitous, the area was not settled as early as some neighboring townships. The first European settlers arrived on the land around 1810. Crown Point's property was part of the 1,100 acres purchased by Jason Hammond, a farmer, miller and merchant from Bolton, Connecticut.

The tax records for Crown Point indicate that Jacob and Abigail Swigart built a home here in 1854 using hand-hewn wood from the property. Between 1862 and 1879 the property changed hands four times. In 1879 the property was purchased by Roswell Hopkins Jr. for \$9,300. Although the Hopkins family owned the property until 1949 they never chose to live here.

A 1910 appraisal of the Crown Point property indicates the following features: 110 acres plow land - GOOD; 23 acres pasture - FAIR; 15 acres timber - FAIR; house - FAIR; barn - NEW. The present barn at Crown Point was constructed in around 1910. Oral history has it that the previous barn burned down when renting farmers built a fire to keep their baby pigs warm.



In 1949 the property was purchased by Hugh and Mary Ann Stoller. By this time most of the buildings were in desperate need of repair. The original 1854 house was completely stripped down to the posts and beams. The basement, which was originally only four feet deep, was excavated by hand. A living room and master bedroom were added. Most of the wood for the restoration was obtained from trees on the property and milled in the barn. Butternut was used for the fireplace and the bedroom was finished with native oak.



The Stollers maintained a large herd of registered prize winning cattle. At its peak there were 87 in the herd. There were also horses, pigs and a large orchard.

In 1962, the highway department purchased 13 acres in order to relocate Route 21, now Interstate 77. In 1963 a spring-fed pond was added to the northeast corner of the property.

As Hugh and Mary Ann Stoller reached the age of retirement, they realized that their sons were not interested in maintaining

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History of Crown Point Farm & Education Center (cont'd)

the farm. At the same time, the Sisters of St. Dominic of Akron were making plans to build a new high school. Realizing that this construction would take the remainder of their property near downtown Akron, the Sisters began looking for a property for future needs. One of the properties brought to their attention was the Stoller farm.

In August 1967 the Sisters visited the property with the Bishop of the Diocese of Cleveland. They were invited to "see the sights from the 'Crown Point' of Bath Township." The Bishop was impressed and offered to buy the property for use by the Diocese if the Sisters did not buy it. By September 1967 the Sisters had taken the initial steps to purchase the property from the Stollers.



In order to realize an immediate income from the property, the house was renovated to be used as a pre-school under the direction of Sr. Kathleen Rachan. The pre-school served children ages 3-5. During renovations the Sisters tried to maintain the architectural lines of the Western Reserve style.

A farm atmosphere was preserved by the presence of 18 steer, one heifer, four ponies, chickens, cats and dogs. The upper part of the barn was used as a gym for the children, and a small playground with a fort and 'lookout hill' was added. The pre-school was in operation from 1968 to 1977.



After the pre-school closed the Sisters continued to reside at Crown Point. The fields were leased to a farmer and the Orchard House was used as a vacation get-away and place of private retreat.

The Sisters were often urged to sell the property as the demand for land grew in Bath. In 1988 the leadership of the Congregation began to study possible uses for the property. The Committee focused on

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History of Crown Point Farm & Education Center (cont'd)

determining the most ecologically responsible use of the land. They also requested that no synthetic chemicals be used on the fields.

In June 1989 members and friends of the Congregation gathered to celebrate the Environmental Sabbath with a blessing of the Crown Point property and a prayer of rededication. Sr. Miriam Therese MacGillis from Genesis Farm in New Jersey spent two days with the Congregation and encouraged the Sisters to maintain and care for this land.

In 1990 Crown Point began to offer workshops and study groups to the public. Today Crown Point offers a variety of educational programs for both children and adults. Each year, hundreds of children participate in Summer Earth Camps, Farm Based Environmental education programs, Youth Service Learning Projects, and more. For adults, Crown Point offers labyrinth walks, seasonal celebrations, book discussions and retreats.



In 1997, Crown Point began to grow produce for distribution to the Akron-Canton Regional Foodbank. Over the last 8 years, Crown Point has donated more than 140,000 lbs of organic produce to the Foodbank and the farm has expanded to 10 acres. Crown Point also began a [Community Supported Agriculture \(CSA\) program](#) in 1998. This program has grown from 20 families in 1998 to more than 70 families this growing season.

These past 16 years as an ecology center have been wonderfully challenging as the Sisters of St. Dominic have sought to preserve this unique property while at the same time promoting the principles of community, sustainability, spirituality and justice.

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2. Organizations' Histories and Information

Black Swamp Bird Observatory

Located in the heart of the Lake Erie Marsh Region, the Black Swamp Bird Observatory was founded in August 1992 by five persons interested in bird conservation. An independent non-profit organization dedicated to wildlife research, conservation, and educational programs for the public, our mission is to develop and promote sound stewardship of avian and other wildlife resources through research and education.

Research Projects

The passerine migration research project, which began in 1978, prior to the founding of the organization, is the Observatory's longest running project. Since 1999, this project has been collecting data every day during spring and fall migration, helping to develop long term data sets that give a truer picture of population trends over a longer period.

The Observatory's research has been important in identifying the value of the Lake Erie Marsh region habitats for various migrating birds like shorebirds, songbirds and raptors. The data collected has been shared with land managers to assist in making informed management decisions to improve use of these vital areas. Our research has been invaluable in providing information to the public in the form of educational programming and written literature for increased opportunities for bird observation as well as informed decisions on conservation issues.

Over the last decade the Observatory has worked cooperatively with many organizations, including the Metroparks of the Toledo Area, Ohio Division of Wildlife, the U.S. Fish and Wildlife Service, and the Sonoran Joint Venture. These combined efforts have proven to be valuable partnerships in sharing ideas and efforts to improve habitats for wildlife and specifically, for birds.

Other research projects include:

- Studying the migrational movements and habitat use of raptors
- Conducting shorebird population surveys in the Lake Erie Marsh region
- Monitoring the breeding success and inter-colonial movement of Bank Swallows in NW Ohio
- Monitoring regional butterfly populations
- Investigating migrational timing and habitat use of rails
- Investigating habitat usage of West Sister Island National Wildlife Refuge by colonial wading birds

Education

The Observatory's educational programs reach people of all ages, from the very young to the young at heart. Our goal is to open the door to the natural world and improve the quality of life for all the people we encounter. Our programs include:

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Black Swamp Bird Observatory (cont'd)

- ✦ Nature Tots ages 3-5
- ✦ Young Explorers ages 6-11
- ✦ Ohio Young Birders Club ages 12-18
- ✦ BSBO Nature Camp grades 6-8
- ✦ BSBO Bird Study – open to all ages
- ✦ Lunch Lecture Series – geared toward adults, but open to all ages

Operation

The Observatory has operated with the dedication of volunteers for all aspects of the organization. Over 12,000 hours are accrued each year by the research, education, and general operation of the organization. The organization is supported by its members and grant monies.

Office

The Observatory home, formerly in downtown Oak Harbor, is now located in the former Ranger station at the entrance to Crane Creek State Park. The office has space for volunteers to work on projects, window on wildlife viewing room, Education Center, a gift shop, and a walking trail. Office hours allow the public an opportunity to come in and ask questions about birds, migration or other wildlife.

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2. Organizations' Histories and Information

The History of the Kirtland Bird Club

The Kirtland Bird Club (KBC) was formed on September 28, 1940 and has a long tradition of quality contributions to the Northeast Ohio Birding community. In its early years the club conducted monthly meetings, field trips, breeding bird population studies, Christmas bird counts, and wintering duck population studies. The objectives of the KBC are the serious study of ornithology with a view to increasing the knowledge of individual members, the exchange of ornithological experiences and records, the compilation and publication of important information on birds, and the promotion of good fellowship among its members.

**The Origins
of the
Kirtland
Bird Club**



To appreciate the origins of the KBC requires understanding some of the earlier organized bird groups in Cleveland. [Dr. Jared Potter Kirtland](#) (1793-1877), originally from Connecticut but who had been living in both Poland (OH) and then Cincinnati, arrived in what is now [Lakewood](#), OH in 1840 and [lived](#) there the rest of his life. While [Kirtland](#) was trained as a physician, he was extremely interested and versed in the natural sciences, including ornithology. Around 1837 he began interacting with a group of young men in Cleveland who called themselves the "[Arkites](#)", who were interested in local natural history. Out of the members of this group was organized in 1845 the Cleveland Academy of Natural Sciences of which Kirtland was the first and only president. The members reorganized the academy as the Kirtland Society of Natural Sciences in 1869. This group, which became somewhat inactive towards the end of the century, merged with the Cleveland Museum of Natural History in 1927. The CMNH also has its origins with the "Arkites" and was established in 1920.

In 1940 The Kirtland Society was organized within the CMNH for the members to promote amateur research and the first active division out of this was the Division of Ornithology of the Kirtland Society, which shortened its name to the Kirtland Bird Club. The first president was Merit B. Skaggs. The KBC placed emphasis on fieldwork and that tradition continues uninterrupted to the present. For example,

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The History of the Kirtland Bird Club (cont'd)

the KBC has conducted the Cleveland Christmas Bird Count since 1940 and has provided numerous records of seasonal observations on birds for the *Cleveland Bird Calendar* (CBC). In 1954, for an apparent number of reasons including the proposed move of the CMNH from its downtown Euclid Avenue to University Circle location, the KBC formally requested a discontinuation of museum sponsorship. The Kirtland Society itself eventually dissolved entirely.

As an aside, for those of you who might be asking yourself, the **Kirtland's Warbler** (*Dendroica kirtlandii*) was indeed named in honor of Jared Kirtland by Spencer Fullerton Baird, then Assistant Secretary [director] of the Smithsonian. Kirtland's son-in-law Charles Pease collected [shot] the bird on Kirtland's farm in Lakewood (then Rockport) in 1851 and gave it to Kirtland, who subsequently gave the skin to Baird on one of his visits through Ohio. Kirtland also prepared the first list of Ohio birds totaling 222 species (of which two-thirds were new records). Kirtland is buried in Lake View Cemetery.

Crown Point Bioblitz Participants

Name	Organization	City	ST	Zip
Field Experts				
Kenn Kaufman	Black Swamp Bird Observatory	Graytown	OH	43432
Jim McCormac	Ohio DNR	Columbus	OH	43229
Kristin Stanford	Ohio State University , FT Stone Lab	Put-in-Bay	OH	43456
Larry Rosche	Cleveland Museum of Natural History	Kent	OH	44240
Ian Adams	Environmental Photographer	Cuyahoga Falls	OH	44221
Jen Brumfield	Cleveland Metroparks	Akron	OH	44313
Larry Richardson	Lake Erie Nature & Science Center	Westlake	OH	44145
Todd Blackledge	University of Akron, Dept of Biology	Akron	OH	44325
Judy Semroc	Cleveland Museum of Natural History	Cleveland	OH	44106
Paula Lozano	Kirtland Bird Club	Lakewood	OH	44107
Ethan Kistler	Ohio Young Birders Club	Newton Falls	OH	44444
Philip Chaon	Ohio Young Birders Club	Cleveland Hts	OH	44418
Marlo Perdicas	Summit County Metroparks	Akron	OH	44313
Bob Dodd	Summit County Metroparks	Akron	OH	44313
Jerry Cannon	Summit County Metroparks	Akron	OH	44313
Crown Point Staff				
Amy Berens	Crown Point Farm and Education Center	Bath	OH	44210
Jennifer Bucheit	Crown Point Farm and Education Center	Bath	OH	44210
Delle Nadler	Crown Point Farm and Education Center	Bath	OH	44210
Sr. Joanne Buckman	Crown Point Farm and Education Center	Bath	OH	44210
Volunteers				
Judy Kolo-Rose	Kirtland Bird Club	Richfield	OH	44286
Hugh Rose	Kirtland Bird Club	Richfield	OH	44286
Lisa Chapman	Kirtland Bird Club	Euclid	OH	44123
Kim Kaufman	Black Swamp Bird Observatory	Graytown	OH	43432
Delores Cole	Kirtland Bird Club	Lyndhurst	OH	44124
Laurie Boylan	Kirtland Bird Club	Bay Village	OH	44140
Dave Lewis	Kirtland Bird Club	Bay Village	OH	44140
Claire Johnson	Kirtland Bird Club	Cleveland Hts	OH	44121
Participants				
Robin Tener	Crown Point Farm and Education Center	Bath	OH	44210
Chris Boggs		Akron	OH	
Kristin Polnar		Akron	OH	
Amy Winnicki	Ohio Young Birders Club (Parent)	Medina	OH	44256
Sarah Winnicki	Ohio Young Birders Club	Medina	OH	44256
Claudia Jaskulski	Ohio Young Birders Club (Parent)	Port Clinton	OH	43452
Jena Jaskulski	Ohio Young Birders Club	Port Clinton	OH	43452
Janet Wertz		Stow	OH	44224
Bianca Davis	Ohio Young Birders Club (Parent)	Wooster	OH	44691
Darrick Geiser	Ohio Young Birders Club	Wooster	OH	44691
Kerilyn Burrows		Richfield	OH	44286
Lukas Padegimas	Ohio Young Birders Club	Mayfield Hts	OH	44124
Verna Vander Kooi	Crown Point Farm and Education Center	Akron	OH	44333
Emily Rich	Ohio Young Birders Club	Burgoon	OH	43407
Henry Trimpe	Ohio Young Birders Club	Sagamore Hills	OH	44067
James Trimpe	Ohio Young Birders Club (Parent)	Sagamore Hills	OH	44067
Auriel VanDer Laar	Ohio Young Birders Club	Helena	OH	43435
Kathy Shafer	Crown Point Farm and Education Center	Akron	OH	44307

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4. Field Experts' Bios

Ian Adams

ijadams@neo.rr.com
330 920-7401

Ian is our mushroom and dragonfly expert today. Ian is an environmental photographer based in Cuyahoga Falls, Ohio, specializing in natural, rural, historical and garden photography. Since 1985, more than 4,500 of his color photographs have been published in books, posters, calendars, magazines and other publications. Besides being an expert photographer, Ian is also a dragonfly enthusiast and will help us identify them today.

Todd Blackledge

blackledge@uakron.edu
330 972-7264

Todd is our spider expert on team #6. He is a professor in the Department of Biology at the University of Akron. His areas of research include orb weaving spiders, of which there are about 37,000, the mechanical characterization of spider silks, the functional ecology of webs, energetics of web-spinning behaviors and molecular phylogenetics (family tree) of orb weaving spiders.

Jen Brumfield

elfin_skimmer@hotmail.com
330 701-6452

Jen is our bird and dragonfly expert on team #4. She hails from Akron, Ohio, and she presently works for Cleveland Metroparks as a scientific illustrator and naturalist. Heavily involved in young birder education, she is the editorial advisor for the ABA's youth birder newsletter, A Bird's-Eye View. Jen's natural history illustrations have appeared in throngs of journals, newsletters, books, and even on greeting cards.

Kenn Kaufman

kenn.kaufman@worldnet.att.net

Kenn Kaufman is the bird and butterfly expert on this team. Kenn needs no introduction to birders, especially those in Ohio where he now lives. His approach to the study of birds and nature is novel, and Kenn has a gift of presenting information, even highly technical material, in an engaging and interesting way. His book, Kingbird Highway, is an absolute classic and a must-read for anyone with an interest in birds. Beyond that, Kenn has produced his own field guide series, inspired in part by one of his mentors, Roger Tory Peterson. Books in this series include Field Guide

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4. Field Experts' Bios (cont'd)

to Birds of North America, Butterflies of North America, Mammals of North America, and the most recent contribution, Insects of North America. Kenn has a real passion for warblers, and as he lives just miles from the legendary Magee Marsh bird trail, he is in an excellent locale to study them.

Jim McCormac

jim.mccormac@dnr.state.oh.us

614 265-6440

Jim McCormac is the flora and bird expert on this team and works for the Ohio Division of Wildlife, where he specializes in ornithology. Jim has botanized, birded, and otherwise explored nature throughout Ohio, North America, Central America and beyond, and is intensely interested in relationships between flora and fauna. He has published numerous articles and papers on botany and ornithology, is author of Birds of Ohio (Lone Pine 2004), and coauthor of the Ohio Floristic Quality Assessment Index, a methodology for evaluating the quality of habitats. Jim currently serves as President of the Ohio Ornithological Society.

Kristin Stanford

theislandsnakelady@yahoo.com

Kristin Stanford's expertise is with amphibians and reptiles. I met Kristin on Kelleys Island one fall while was tracking Lake Erie Water Snakes to their hibernation locations. She is known to locals in Ohio's Put-in-Bay Harbor as "the Island Snake Lady." As part of her work toward a Ph.D. in biology at Northern Illinois University, she lives at Put-in-Bay, serving as recovery plan coordinator for the endangered Lake Erie Water Snake. Her work was featured on Discovery Channel's "Dirty Jobs." Kristin is also involved with the Eastern Fox Snake, determining its status and distribution. Kristin also supervises several students in Stone Lab's REU Program (Research Experience for Undergraduates).

Marlo Perdicas

mperdicas@summitmetroparks.org

330-923-0720

Marlo Perdicas is our bat expert. She is a Biologist with the Summit County Metroparks. She also does survey consulting work related to the mining and development industries. She has particular expertise regarding radio telemetry studies and the use of harp traps to inventory cave portals for hibernating bat colonies. Prior to joining the Metro Parks, Ms. Perdicas worked at the Akron Zoological Park as a Senior Wild Animal Keeper and as a Veterinary Technician for The Bird and Exotic Specialty Hospital. She has volunteered for several conservation organizations including the Ohio Division of Wildlife and Cleveland Metro Parks. She has held several teaching positions including guest lecturer at The University of

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4. Field Experts' Bios (cont'd)

Akron. Ms. Perdicas is presently designated as An Agent of the State of Ohio and is authorized to perform Indiana bat field studies.

Larry Richardson

larryr@lensc.org

440 871-2900

Larry will be our bird Expert on Team #5. He is the Executive Director of the Lake Erie Nature and Science Center in Huntington Reservation of Cleveland Metroparks. Larry has birder all over the world leads birding trips to wonderful locations.

Larry Rosche

LOROFS@aol.com

330-678-9408

Larry Rosche is our bird and dragonfly expert on team #6. Larry is a Field Researcher for the Conservation Outreach Program at The Cleveland Museum of Natural History. He concurrently is employed as the range distribution mapmaker for the Peterson Field Guide Series™.

His passion and expertise as a field biologist is well known locally and nationally. He served 16 years as editor of ***The Cleveland Bird Calendar***, a quarterly publication jointly published by the Kirtland Bird Club and The Cleveland Museum of Natural History. This publication is devoted to monitoring and surveying the ongoing avian populations in Northeast Ohio. In 1988 and in 2004, he was the editor of *A Field Book of the Birds of Cleveland* (2nd & third editions) and in 2004 he was the Editor of the Birds of the Cleveland Region. He is currently working on the 2nd edition of the Dragonflies and Damselflies of Northeast Ohio.

Judy Semroc

jsemroc@cmnh.org

216 231-4600

Judy is the Butterfly and Caterpillar expert on this team. She is a Conservation Specialist, Natural Areas Division for the Cleveland Museum of Natural History. She leads field trips and hikes on Museum preserves and conducts scientific research projects on various preserve sites. Judy serves on the Technical Committee of the Regional Biodiversity Partnership and is involved with many conservation organizations in northeast Ohio.

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4. Field Experts' Bios (cont'd)

Volunteers

Recorders:

Laurie Boylan (KBC member)
Philip Chaon (OYBC member)
Claire Johnson (KBC member)
Ethan Kistler (OYBC member)
Judy Kolo-Rose (KBC member)
Dave Lewis (KBC member)
Paula Lozano (KBC member)
Kim Kaufman (KBC member)
Hugh Rose (KBC member)
Auriel VanDer Laar (OYBC member)

Crown Point Staff:

Amy Berens
Jennifer Bucheit
Delle Nadler

Registration:

Lisa Chapman (KBC member)
Delores Cole (KBC member)

Planning:

Sr. Joanne Buckman (Crown Point)
Delores Cole
Paula Lozano

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5. SPECIES SUMMARY

Total Species Identified from July 6, 2007 8:00 p.m. to July 7, 2007 6:00 p.m.

FUNGI & PLANT LIFE:

7. Fungi Inventory

8. Non-vascular Plant Inventory **1 species**

Algae

Lichens

Mosses

1 species

Liverworts

9. Vascular Plant Inventory **225 species**

Fern Allies

1 species

Ferns

3 species

Conifers

6 species

Woody Dicots

50 species

Herbaceous Dicots (wildflowers)

102 species

Herbaceous Monocots

63 species

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5. SPECIES SUMMARY

ALL ANIMAL LIFE:

10. Invertebrate Inventory	156 species
Sponge, worm, mollusk, misc.	
Arachnids (spider, tick)	4 species
Insects	
Collembola	1 species
Microcoryphia	1 species
Dernamptera	1 species
Thysanura	1 species
Mecoptera	3 species
Odonata (dragonflies, damselflies)	29 species
Trichoptera	1 species
Mantodea	1 species
Orthoptera	5 species
Hemiptera	9 species
Coleoptera (beetles)	15 species
Neuroptera	3 species
Lepidoptera (butterflies, moths)	62 species
Diptera	8 species
Hymenoptera	12 species
11. Vertebrate Inventory	82 species
Fishes	1 species
Herps (amphibians & reptiles)	10 species
Birds	64 species
Mammals	7 species

**Ohio Young Birders Club Bioblitz
Crown Point Farm & Education Center
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6. Geography and Weather

Geography of Bath, Ohio

Summit County

The latitude is 41.161N.
The longitude is -81.649W.

Elevation is 948 feet.

Weather on July 7, 2007

Sunny to partly cloudy

Sunrise - 6:01 a.m.
Sunset - 9:02 p.m.

Temperature:

Mean Temperature **70** °F / **21** °C
Max Temperature **88** °F / **31** °C
Min Temperature **57** °F / **13** °C

Moisture:

Dew Point **54** °F / **12** °C
Average Humidity 55
Maximum Humidity 87
Humidity
Minimum Humidity 32

Precipitation:

Precipitation **0.00** in / **0.00** cm

Sea Level Pressure:

Sea Level Pressure **29.98** in / **1015** hPa

Wind:

Wind Speed **0** mph / **0** km/h (WSW)
Max Wind Speed **13** mph / **21** km/h
Max Gust Speed **16** mph / **26** km/h
Visibility **9** miles / **15** kilometers

Moon Cycle – Last Quarter

Crown Point Map



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8. Non-vascular Plant Inventory

Mosses

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
1	<i>Leucobryum sp.</i>	Pincushion moss	Y

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9. Vascular Plant Inventory

Fern Allies

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
1	<i>Equisetum arvense</i>	Field horsetail	Y

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9. Vascular Plant Inventory

Ferns

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
1	<i>Dryopteris carthusiana</i>	Spinulose Wood Fern	Y
2	<i>Dryopteris marginalis</i>	Marginal shield fern	Y
3	<i>Onoclea sensibilis</i>	Sensitive fern	Y

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9. Vascular Plant Inventory

Conifers

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
1	<i>Picea abies</i>	Norway spruce	N
2	<i>Picea glauca</i>	Colorado blue spruce	N
3	<i>Pinus nigra</i>	Austrian pine	N
4	<i>Pinus strobus</i>	White pine	N
5	<i>Pinus sylvestris</i>	Scots pine	N
6	<i>Tsuga canadensis</i>	Eastern hemlock	N

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9. Vascular Plant Inventory

Woody Dicots

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
1	<i>Acer platanoides</i>	Norway maple	N
2	<i>Acer rubrum</i>	Red maple	Y
3	<i>Acer saccharinum</i>	Silver maple	Y
4	<i>Acer saccharum</i>	Sugar maple	Y
5	<i>Carpinus caroliniana</i>	Blue-beech	Y
6	<i>Carya cordiformis</i>	Bitternut hickory	Y
7	<i>Carya ovata</i>	Shagbark hickory	Y
8	<i>Celastrus orbiculatus</i>	Asiatic bittersweet	N
9	<i>Cercis canadensis</i>	Redbud	Y
10	<i>Cornus amomum</i>	Silky dogwood	Y
11	<i>Cornus florida</i>	Flowering dogwood	Y
12	<i>Elaeagnus umbellata</i>	Autumn-olive	N
13	<i>Euonymus fortunei</i>	Wintercreeper	N
14	<i>Fagus grandifolia</i>	American Beech	Y
15	<i>Fraxinus americana</i>	White ash	Y
16	<i>Fraxinus pennsylvanicus</i>	Green ash	Y
17	<i>Juglans cinerea</i>	Butternut	Y
18	<i>Juglans nigra</i>	Black walnut	Y
19	<i>Ligustrum vulgare</i>	Privet	N
20	<i>Liriodendron tulipifera</i>	Tulip tree	Y
21	<i>Lonicera maackii</i>	Amur honeysuckle	N
22	<i>Lonicera tatarica</i>	Tatarian honeysuckle	N
23	<i>Malus pumila</i>	Apple	N
24	<i>Malus sp.</i>	Crabapple	N
25	<i>Mitchella repens</i>	Partridge berry	Y
26	<i>Morus alba</i>	White mulberry	Y
27	<i>Populus deltoides</i>	Eastern cottonwood	Y
28	<i>Prunus serotina</i>	Wild black cherry	Y
29	<i>Prunus virginia</i>	Choke cherry	Y
30	<i>Quercus alba</i>	White oak	Y
31	<i>Quercus bicolor</i>	Swamp white oak	Y
32	<i>Quercus rubra</i>	Red oak	Y
33	<i>Rhamnus frangula</i>	Glossy buckthorn	N
34	<i>Rhus glabra</i>	Smooth sumac	Y
35	<i>Rosa mutliflora</i>	Multiflora rose	N
36	<i>Rubus allegheniensis</i>	Blackberry	Y
37	<i>Rubus flagellaris</i>	Common dewberry	Y

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9. Vascular Plant Inventory

Woody Dicots

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
38	<i>Rubus occidentalis</i>	Black raspberry	Y
39	<i>Salix amygdaloides</i>	Peach-leaved willow	Y
40	<i>Salix discolor</i>	Pussy willow	Y
41	<i>Salix exigua</i>	Sandbar willow	Y
42	<i>Salix nigra</i>	Black willow	Y
43	<i>Sambucus canadensis</i>	Elderberry	Y
44	<i>Sassafras albidum</i>	Sassafras	Y
45	<i>Syringa vulgaris</i>	Lilac	N
46	<i>Tilia cordata</i>	Little-leaved linden	N
47	<i>Ulmus americana</i>	American elm	Y
48	<i>Ulmus rubra</i>	Slippery elm	Y
49	<i>Viburnum dentatum</i>	Arrowwood viburnum	Y
50	<i>Viburnum opulus var. opulus</i>	Highbush cranberry	N

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9. Vascular Plant Inventory

Herbaceous Dicots (wildflowers)

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
1	<i>Acalypha virginica</i>	Three-seeded mercury	Y
2	<i>Agrimonia parviflora</i>	Small-flowered agrimony	Y
3	<i>Alliaria petiolata</i>	Garlic mustard	N
4	<i>Ambrosia artemisiifolia</i>	Common ragweed	Y
5	<i>Arctium minus</i>	Common burdock	N
6	<i>Asclepias incarnata</i>	Swamp milkweed	Y
7	<i>Asclepias syriaca</i>	Common milkweed	Y
8	<i>Aster lanceolatus</i>	Eastern Lined Aster	Y
9	<i>Bidens cernua</i>	Nodding beggar's- ticks	Y
10	<i>Bidens frondosa</i>	Devil's beggar's-ticks	Y
11	<i>Brasenia schreberi</i>	Water-shield	Y
12	<i>Brassica nigra</i>	Black mustard	N
13	<i>Capsella bursa-pastoris</i>	Shepherd's purse	N
14	<i>Chelidonium majus</i>	Celandine poppy	N
15	<i>Chenopodium album</i>	Lamb's-quarter	Y
16	<i>Chrysanthemum leucanthe.</i>	Oxeye daisy	N
17	<i>Cichorium intybus</i>	Chicory	N
18	<i>Circaea lutetiana</i>	Enchanter's nightshade	Y
19	<i>Cirsium arvense</i>	Canada thistle	N
20	<i>Cirsium vulgare</i>	Bull thistle	N
21	<i>Clinopodium vulgare</i>	Wild basil	N
22	<i>Convolvulus arvensis</i>	Field bindweed	N
23	<i>Conyza canadensis</i>	Horseweed	Y
24	<i>Coronilla varia</i>	Crown vetch	N
25	<i>Daucus carota</i>	Queen Anne's lace	N
26	<i>Dianthus armeria</i>	Deptford pink	N
27	<i>Dipsacus fullonum</i>	Common teasel	N
28	<i>Duchesnea indica</i>	Indian strawberry	N
29	<i>Epilobium coloratum</i>	Common willow-herb	Y
30	<i>Erechtites hieracifolia</i>	Pilewort	Y
31	<i>Erigeron strigosus</i>	Rough fleabane	Y
32	<i>Eupatorium perfoliatum</i>	Common boneset	Y
33	<i>Eupatorium purpureum</i>	Purple Joe-pye-weed	Y
34	<i>Euthamia graminifolia</i>	Grass-leaved goldenrod	Y
35	<i>Field pepper-grass</i>	<i>Lepidium campestre</i>	N
36	<i>Fragaria virginiana</i>	Wild strawberry	Y
37	<i>Galinsoga quadriradiata</i>	Quickweed	N

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9. Vascular Plant Inventory

Herbaceous Dicots (wildflowers)

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
38	<i>Galium mollugo</i>	Field madder	N
39	<i>Galium tinctorium</i>	Marsh bed straw	Y
40	<i>Geum virginianum</i>	Virginia avens	Y
41	<i>Hackelia virginiana</i>	Virginia stickseed	Y
42	<i>Hedera helix</i>	English ivy	N
43	<i>Hesperis matronalis</i>	Dame's-rocket	N
44	<i>Hypericum perforatum</i>	Common St. John's-wort	N
45	<i>Hypericum punctatum</i>	Dotted St. John's-wort	Y
46	<i>Impatiens capensis</i>	Spotted jewelweed	Y
47	<i>Impatiens pallida</i>	Pale jewelweed	Y
48	<i>Lemna minor</i>	Lesser duckweed	Y
49	<i>Leonurus cardiaca</i>	Motherwort	N
50	<i>Lobelia siphilitica</i>	Great blue lobelia	Y
51	<i>Lotus corniculatus</i>	Birds-foot trefoil	N
52	<i>Ludwigia palustris</i>	Water purslane	Y
53	<i>Lycopus americanus</i>	American water horehound	Y
54	<i>Lysimachia nummularia</i>	Moneywort	N
55	<i>Malva neglecta</i>	Cheeses	N
56	<i>Medicago lupulina</i>	Black medick	N
57	<i>Medicago sativa</i>	Alfalfa	N
58	<i>Melilotus alba</i>	White sweet clover	N
59	<i>Melilotus officinalis</i>	Yellow sweet clover	N
60	<i>Myosotis scorpioides</i>	True forget-me-not	N
61	<i>Nuphar advena</i>	Spatterdock	Y
62	<i>Nymphaea odorata</i>	Fragrant water lily	Y
63	<i>Ostrya virginiana</i>	Ironwood	Y
64	<i>Oxalis stricta</i>	Common wood-sorrel	Y
65	<i>Parthenocissus quinquefolia</i>	Virginia creeper	Y
66	<i>Penstemon digitalis</i>	Smooth beardtongue	Y
67	<i>Phytolacca americana</i>	Pokeweed	Y
68	<i>Plantago lanceolata</i>	English plantain	N
69	<i>Plantago major</i>	Common plantain	N
70	<i>Plantago rugelii</i>	American plantain	Y
71	<i>Polygonum aviculare</i>	Knotweed	N
72	<i>Polygonum persicaria</i>	Lady's-thumb	N
73	<i>Polygonum sagittatum</i>	Arrow-leaved Tearthumb	Y
74	<i>Polygonum scandens</i>	Climbing false buckwheat	Y

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Herbaceous Dicots (wildflowers)

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
75	<i>Potentilla recta</i>	Rough-fruited cinquefoil	N
76	<i>Potentilla simplex</i>	Common fivefingers	Y
77	<i>Prunella vulgaris</i>	Heal-all	Y
78	<i>Ranunculus acris</i>	Tall buttercup	N
79	<i>Rumex acetosella</i>	Sheep-sorrel	N
80	<i>Rumex crispus</i>	Curly dock	N
81	<i>Rumex obtusifolius</i>	Bitter dock	N
82	<i>Solanum dulcamara</i>	Bittersweet nightshade	N
83	<i>Solanum nigrum</i>	Black nightshade	Y
84	<i>Solidago caesia</i>	Blue-stemmed goldenrod	Y
85	<i>Solidago canadensis</i>	Canada goldenrod	Y
86	<i>Solidago ulmifolia</i>	Elm-leaved goldenrod	Y
87	<i>Spirodela polyrhiza</i>	Greater duckweed	Y
88	<i>Stellaria media</i>	Common chickweed	N
89	<i>Symphyotrichum novae-an</i>	New England aster	Y
90	<i>Taraxacum officinale</i>	Dandelion	N
91	<i>Teucrium canadense</i>	Wood sage	Y
92	<i>Toxicodendron radicans</i>	Poison ivy	Y
93	<i>Trifolium pratense</i>	Red clover	N
94	<i>Trifolium repens</i>	White clover	N
95	<i>Verbascum thapsus</i>	Common mullein	N
96	<i>Verbena hastata</i>	Blue vervain	Y
97	<i>Vernonia gigantea</i>	Tall ironweed	Y
98	<i>Veronica agrestis</i>	Field speedwell	N
99	<i>Veronica officinalis</i>	Common speedwell	N
100	<i>Vitis aestivalis</i>	Summer grape	Y
101	<i>Vitis riparia</i>	Riverbank grape	Y
102	<i>Vitis vulpina</i>	Summer grape	Y

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9. Vascular Plant Inventory

Herbaceous Monocots

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
1	<i>Agropyron repens</i>	Quack grass	N
2	<i>Agrostis gigantea</i>	Redtop	N
3	<i>Alisma subcordatum</i>	Water-plantain	Y
4	<i>Allium canadense</i>	Canada wild onion	Y
5	<i>Apocynum cannabinum</i>	Indian-hemp	Y
6	<i>Arisaema triphyllum</i>	Jack-in-the-pulpit	Y
7	<i>Carex cephaloidea</i>	Thin-leaved sedge	Y
8	<i>Carex comosa</i>	Bearded sedge	Y
9	<i>Carex crinita</i>	Fringed Sedge	Y
10	<i>Carex cristatella</i>	Crested Sedge	Y
11	<i>Carex digitalis</i>	Narrow-leaved Wood Sedge	Y
12	<i>Carex granularis</i>	Meadow sedge	Y
13	<i>Carex hirsutella</i>	Hirsute sedge	Y
14	<i>Carex hystericina</i>	Porcupine sedge	Y
15	<i>Carex normalis</i>	Larger straw sedge	Y
16	<i>Carex stipata</i>	Fox Sedge	Y
17	<i>Carex tribuloides</i>	Large straw sedge	Y
18	<i>Carex vulpinoidea</i>	Foxtail sedge	Y
19	<i>Convallaria majalis</i>	Lily-of-the-valley	N
20	<i>Dactylis glomerata</i>	Orchard grass	N
21	<i>Danthonia spicata</i>	Poverty Grass	Y
22	<i>Digitaria ischaemum</i>	Crabgrass	N
23	<i>Echinochloa crusgalli</i>	Barnyard grass	N
24	<i>Eleocharis erythropoda</i>	Red-footed spike-rush	Y
25	<i>Eleocharis obtusa</i>	Blunt spike-rush	Y
26	<i>Elymus riparius</i>	Riverbank Rye	Y
27	<i>Festuca ovina</i>	Sheep fescue	N
28	<i>Glyceria striata</i>	Fowl manna grass	Y
29	<i>Hemerocallis fulva</i>	Orange dayflower	N
30	<i>Holcus lanatus</i>	Velvet grass	N
31	<i>Iris pseudacorus</i>	Yellow flag	N
32	<i>Iris virginica</i>	Southern blue flag	Y
33	<i>Juncus dudleyi</i>	Dudley's rush	Y
34	<i>Juncus effusus</i>	Soft rush	Y
35	<i>Juncus tenuis</i>	Path rush	Y
36	<i>Leersia oryzoides</i>	Rice cut grass	Y

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9. Vascular Plant Inventory

Herbaceous Monocots

NO.	SCIENTIFIC NAME	PLANT NAME	NATIVE
37	<i>Leersia virginica</i>	White grass	Y
38	<i>Lolium perenne</i>	Perennial rye grass	N
39	<i>Lolium pratense</i>	Kentucky fescue	N
40	<i>Muhlenbergia schreberi</i>	Nimblewill	Y
41	<i>Najas flexilis</i>	Slender Naiad	Y
42	<i>Najas minor</i>	Lesser Naiad	N
43	<i>Panicum lanuginosum</i>	Hairy Panic Grass	Y
44	<i>Phleum pratense</i>	Timothy	N
45	<i>Phragmites australis</i>	Giant Reed	N
46	<i>Poa annua</i>	Annual bluegrass	N
47	<i>Poa nemoralis</i>	Woodland bluegrass	Y
48	<i>Poa pratensis</i>	Kentucky bluegrass	N
49	<i>Poa trivialis</i>	Rough-stalked bluegrass	Y
50	<i>Potamogeton crispus</i>	Curly pondweed	N
51	<i>Potamogeton foliosus</i>	Leafy pondweed	Y
52	<i>Potamogeton nodosus</i>	Long-leaved pondweed	Y
53	<i>Potamogeton pectinatus</i>	Sago pondweed	Y
54	<i>Sagittaria latifolia</i>	Broad-leaved arrowhead	Y
55	<i>Schoenoplectus tabernaem</i>	Soft-stemmed bulrush	Y
56	<i>Scirpus atrovirens</i>	Dark-green bulrush	Y
57	<i>Sisyrinchium angustifolium</i>	Blue-eyed-grass	Y
58	<i>Sparganium eurycarpum</i>	Giant bur-reed	Y
59	<i>Sweet vernal grass</i>	<i>Anthoxanthum odoratum</i>	N
60	<i>Tridens flavus</i>	Grease grass	Y
61	<i>Typha latifolia</i>	Broad-leaved cattail	Y
62	<i>Typha x glauca</i>	Hybrid cattail	Y
63	<i>Yellow nut-rush</i>	<i>Cyperus esculentus</i>	Y

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10. Invertebrate Inventory

Arachnids

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>araniella</i>	Orb Weaver
3	<i>amaurobiidae (fam)</i>	Hackledmesh Weaver
4	<i>theridion (gen)</i>	Sheetweb Weaver
5	<i>Pardosa</i>	Wolf Spider

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10. Invertebrate Inventory - Insects

Order Collembola (springtail)

NO.	SCIENTIFIC NAME	COMMON NAME
1	Collembola sp.	<i>springtail sp.</i>

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10. Invertebrate Inventory - Insects

Order Microcoryphia (Bristletail)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Microcoryphia sp.</i>	Jumping Bristletail

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10. Invertebrate Inventory - Insects

Order Dermaptera (earwig)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Forficula auricularia</i>	European Earwig

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10. Invertebrate Inventory - Insects

Order Thysanura (bristletail)

NO.	SCIENTIFIC NAME	COMMON NAME
	<i>Thysanura sp.</i>	silverfish sp.

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10. Invertebrate Inventory - Insects

Order Mecoptera (Scorpionfly)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Hylobittacus apicalis</i>	Black-tipped Hangingfly
2	<i>Bittacus sp.</i>	typical hangingfly sp.
3	<i>Panorpa sp.</i>	scorpionfly sp.

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Order Odonata (dragonfly and damselfly)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Anax longipes</i>	Comet Darner
2	<i>Anax junius</i>	Common Green Darner
3	<i>Somatochlora linearis</i>	Mocha Emerald
4	<i>Epitheca princeps</i>	Prince Baskettail
5	<i>Epitheca cynosura</i>	Common Baskettail
6	<i>Libellula lydia</i>	Common Whitetail
7	<i>Libellula luctuosa</i>	Widow Skimmer
8	<i>Libellula pulchella</i>	Twelve-spotted Skimmer
9	<i>Pachydiplax longipennis</i>	Blue Dasher
10	<i>Erythemis simplicicollis</i>	Eastern Pondhawk
11	<i>Celithemis elisa</i>	Calico Pennant
12	<i>Celithemis eponina</i>	Halloween Pennant
13	<i>Perithemis tenera</i>	Eastern Amberwing
14	<i>Sympetrum rubicundulum</i>	Ruby Meadowhawk
15	<i>Sympetrum vicinum</i>	Yellow-legged Meadowhawk
16	<i>Tamea lacerata</i>	Black Saddlebags
17	<i>Tamea onusta</i>	Red Saddlebags
18	<i>Calopteryx maculata</i>	Ebony Jewelwing
19	<i>Lestes eurinus</i>	Amber-winged Spreadwing
20	<i>Lestes inaequalis</i>	Elegant Spreadwing
21	<i>Lestes vigilax</i>	Swamp Spreadwing
22	<i>Argia fumipennis violacea</i>	Variable (Violet) Dancer
23	<i>Enallagma geminatum</i>	Skimming Bluet
24	<i>Enallagma aspersum</i>	Azure Bluet
25	<i>Enallagma traviatum westfalli</i>	Western Slender Bluet
26	<i>Enallagma civile</i>	Familiar Bluet
27	<i>Ischnura hastata</i>	Citrine Forktail
28	<i>Ischnura posita</i>	Fragile Forktail
29	<i>Ischnura verticalis</i>	Eastern Forktail

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10. Invertebrate Inventory - Insects

Order Trichoptera (caddisfly)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Trichoptera sp.</i>	caddisfly sp.

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10. Invertebrate Inventory - Insects

Order Mantodea (praying mantis)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Mantis religiosa</i>	European Mantis

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10. Invertebrate Inventory - Insects

Order Orthoptera (grasshopper, locust, katydid and cricket)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Dissosteira carolina</i>	Carolina Locust
2	<i>Oecanthus sp.</i>	tree cricket sp.
3	<i>Scudderia cuneata</i>	Scudder's Bush Katydid
4	<i>Metrioptera roeselii</i>	Roesel's Katydid
5	<i>Neoconocephalus sp.</i>	Conehead Katydid

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10. Invertebrate Inventory - Insects

Order Hemiptera (true bug)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Tibicen chloromera</i>	Swamp Cicada
2	<i>Archasia belfragei</i>	Treehopper
3	<i>Philaenus spumarius</i>	Meadow Spittlebug
4	<i>Cicadellidae sp.</i>	leafhopper sp.
5	<i>Gerridae sp.</i>	water strider sp.
6	<i>Nepidae sp.</i>	water scorpion sp.
7	<i>Lygaeus kalmii</i>	Small Milkweed Bug
8	<i>Pentatomidae sp.</i>	stink bug sp.
9	<i>Cosmopepla sp.</i>	small stink bug sp.

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio

July 7, 2007

10. Invertebrate Inventory - Insects

Order Coleoptera (beetles)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Carabidae sp.</i>	ground beetle sp.
2	<i>Phyllophaga sp.</i>	may beetle sp.
3	<i>Popillia japonica</i>	Japanese Beetle
4	<i>Coleomegilla maculata</i>	Spotted Lady Beetle
5	<i>Harmonia axyridis</i>	Asian Multicolored Lady Beetle
6	<i>Chrysochus auratus</i>	Dogbane Beetle
7	<i>Chrysomelidae sp.</i>	flea beetle sp.
8	<i>Lema sp.</i>	nightshade leaf beetle sp.
9	<i>Photinus sp.</i>	firefly sp.
10	<i>Lucidota sp.</i>	diurnal firefly sp.
11	<i>Chauliognathus sp.</i>	soldier beetle sp.
12	<i>Anelaphus sp.</i>	Oak Twig Pruner
13	<i>Tetraopes tetrophthalmus</i>	Red Milkweed Beetle
14	<i>Elateridae sp.</i>	click beetle sp.
15	<i>Curculionidae sp.</i>	weevil sp.

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio

July 7, 2007

10. Invertebrate Inventory - Insects

Order Neuroptera (lacewing)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Chrysopidae sp.</i>	green lacewing sp.
2	<i>Corydalus cornutus</i>	Eastern Dobsonfly
3	<i>Myrmeleontidae sp.</i>	antlion sp.

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio

July 7, 2007

10. Invertebrate Inventory - Insects

Order Lepidoptera (butterfly)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Papilio glaucus</i>	Eastern Tiger Swallowtail
2	<i>Papilio polyxenes</i>	Black Swallowtail
3	<i>Papilio troilus</i>	Spicebush Swallowtail
4	<i>Pieris rapae</i>	Cabbage White
5	<i>Colias philodice</i>	Clouded Sulphur
6	<i>Colias eurytheme</i>	Orange Sulphur
7	<i>Lycaena phlaeas Americana</i>	American Copper
8	<i>Strymon melinus</i>	Gray Hairstreak
9	<i>Satyrrium calanus</i>	Banded Hairstreak
10	<i>Cupido comyntas</i>	Eastern Tailed-Blue
11	<i>Celastrina neglecta</i>	Summer Azure
12	<i>Speyeria cybele</i>	Great Spangled Fritillary
13	<i>Phyciodes tharos</i>	Pearl Crescent
14	<i>Polygonia interrogationis</i>	Question Mark
15	<i>Nymphalis antiopa</i>	Mourning Cloak
16	<i>Vanessa atalanta</i>	Red Admiral
17	<i>Limenitis arthemis astyanax</i>	Red-spotted Purple
18	<i>Vanessa virginiensis</i>	American Lady
19	<i>Limenitis archippus</i>	Viceroy
20	<i>Junonia coenia</i>	Common Buckeye
21	<i>Danaus plexippus</i>	Monarch
22	<i>Cercyonis pegala</i>	Common Wood-Nymph
23	<i>Epargyreus clarus</i>	Silver-spotted Skipper
24	<i>Erynnis horatius</i>	Horace's Duskywing
25	<i>Erynnis baptisiae</i>	Wild Indigo Duskywing
26	<i>Ancyloxypha numitor</i>	Least Skipper
27	<i>Thymelicus lineola</i>	European Skipper
28	<i>Polites peckius</i>	Peck's Skipper
29	<i>Polites origenes</i>	Crossline Skipper
30	<i>Pompeius verna</i>	Little Glassywing
31	<i>Poanes zabulon</i>	Zabulon Skipper

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio
July 7, 2007

10. Invertebrate Inventory - Insects

Order Lepidoptera (moth)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Antheraea polyphemus</i>	Polyphemus Moth
2	<i>Agrotis ipsilon</i>	Ipsilon Dart
3	<i>Mythimna unipuncta</i>	Armyworm Moth
4	<i>Simyra henrici</i>	Henry's Marsh Moth
5	<i>Alypia octomaculata</i>	Eight-spotted Forester
6	<i>Eudryas grata</i>	Beautiful Wood-Nymph
7	<i>Helicoverpa zea</i>	Corn Earworm Moth
8	<i>Anagrapha falcifera</i>	Celery Looper
9	<i>Caenurgina erechtea</i>	Forage Looper
10	<i>Panopoda rufimargo</i>	Red-lined Panopoda
11	<i>Trichodezia albovittata</i>	White-striped Black
12	<i>Semiothisa sp.</i>	angle sp.
13	<i>Scopula limboundata</i>	Large Lace-border
14	<i>Epimecis hortaria</i>	Tulip-tree Beauty
15	<i>Eulithis diversilineata</i>	Lesser Grapevine Looper
16	<i>Xanthorhoe ferrugata</i>	Red Twin-spot
17	<i>Itame pustularia</i>	Lesser Maple Spanworm Moth
18	<i>Eusarca confusaria</i>	Confused Eusarca
19	<i>Prochoerodes lineola</i>	Large Maple Spanworm Moth
20	<i>Halysidota tessellaris</i>	Banded Tussock Moth
21	<i>Ctenucha virginica</i>	Virginia Ctenucha
22	<i>Ciseps fulvicollis</i>	Yellow-collared Scape Moth
23	<i>Melittia cucurbitae</i>	Squash Borer Moth
24	<i>Datana sp.</i>	datana sp.
25	<i>Gnorimoschema gallaesolidagnis</i>	Goldenrod Gall Moth
26	<i>Prolimacodes badia</i>	Skiff Moth
27	<i>Parasa chloris</i>	Smaller Parasa
28	<i>Pterophoridae sp.</i>	plume moth sp.
29	<i>Desmia funeralis</i>	Grape Leaf Folder
30	<i>Chrysauginae sp.</i>	chrysaugine sp.
31	<i>Hypsopygia costalis</i>	Clover Hayworm Moth

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio

July 7, 2007

10. Invertebrate Inventory - Insects

Order Diptera (fly and midge)

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Tipulidae sp.</i>	crane fly sp.
2	<i>Chironomidae sp.</i>	midge sp.
3	<i>Tabanidae sp.</i>	horse fly sp.
4	<i>Asilidae sp.</i>	robber fly sp.
5	<i>Syrphidae sp.</i>	flower fly sp.
6	<i>Sarcophagidae sp.</i>	flesh fly
7	<i>Lucilia sp.</i>	greenbottle fly
8	<i>Sepedon sp.</i>	snail-killing fly

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio

July 7, 2007

10. Invertebrate Inventory - Insects

Order Hymenoptera

NO.	SCIENTIFIC NAME	COMMON NAME
1	<i>Ichneumonidae sp.</i>	ichneumon wasp sp.
2	<i>Braconidae sp.</i>	braconid wasp sp.
3	<i>Ammophila sp.</i>	thread-waisted wasp sp.
4	<i>Halictidae sp.</i>	halictid bee sp.
5	<i>Andrenidae sp.</i>	mining bee sp.
6	<i>Bombus sp.</i>	bumble bee (at least 3 sp.)
7	<i>Xylocopa virginica</i>	Eastern Carpenter Bee
8	<i>Apis mellifera</i>	Honey Bee
9	<i>Polistes sp.</i>	paper wasp sp.
10	<i>Trioxylon sp.</i>	organ-pipe mud dauber
11	<i>Camponotus pennsylvanicus</i>	Black Carpenter Ant
12	<i>Formicidae sp.</i>	other ants (at least 5 sp.)

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

**Bath, Ohio
July 7, 2007**

11. Vertebrate Inventory

Fishes

	SCIENTIFIC NAME	COMMON NAME
1	<i>Lepomis macrochirus</i>	Bluegill

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio
July 7, 2007

11. Vertebrate Inventory

Herps (amphibians and reptiles)

	SCIENTIFIC NAME	COMMON NAME
1	<i>Thamnophis sirtalis sirtalis</i>	Eastern Garter Snake
2	<i>Nerodia sipedon sipedon</i>	Northern Water Snake
3	<i>Plethodon glutinosus</i>	Slimy Salamander
4	<i>Plethodon cinereus</i>	Redback Salamander
5	<i>Bufo americanus</i>	American Toad
6	<i>Rana clamitans melanota</i>	Green Frog
7	<i>Rana catesbeiana</i>	American Bullfrog
8	<i>Rana pipiens</i>	Northern Leopard Frog
9	<i>Chysemys picta marginata</i>	Midland Painted Turtle
10	<i>Chelydra serpentina</i>	Snapping Turtle

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio
July 7, 2007

11. Vertebrate Inventory

Birds

	SCIENTIFIC NAME	COMMON NAME
1	<i>Aix sponsa</i>	Wood Duck
2	<i>Anas platyrhynchos</i>	Mallard
3	<i>Ardea herodias</i>	Great Blue Heron
4	<i>Butorides virescens</i>	Green Heron
5	<i>Cathartes aura</i>	Turkey Vulture
6	<i>Accipiter striatus</i>	Sharp-shinned Hawk
7	<i>Buteo jamaicensis</i>	Red-tailed Hawk
8	<i>Charadrius vociferus</i>	Killdeer
9	<i>Actitis macularia</i>	Spotted Sandpiper
10	<i>Tringa solitaria</i>	Solitary Sandpiper
11	<i>Columba livia</i>	Rock Pigeon
12	<i>Zenaida macroura</i>	Mourning Dove
13	<i>Coccyzus americanus</i>	Yellow-billed Cuckoo
14	<i>Bubo virginianus</i>	Great Horned Owl
15	<i>Chordeiles minor</i>	Common Night Hawk
16	<i>Chaetura pelagica</i>	Chimney Swift
17	<i>Archilochus colubris</i>	Ruby-throated Hummingbird
18	<i>Melanerpes carolinus</i>	Red-bellied Woodpecker
19	<i>Picoides pubescens</i>	Downy Woodpecker
20	<i>Colaptes auratus</i>	Northern Flicker
21	<i>Dryocopus pileatus</i>	Pileated Woodpecker
22	<i>Contopus virens</i>	Eastern Wood-Pewee
23	<i>Empidonax traillii</i>	Willow Flycatcher
24	<i>Sayornis phoebe</i>	Eastern Phoebe
25	<i>Myiarchus crinitus</i>	Great Crested Flycatcher
26	<i>Tyrannus tyrannus</i>	Eastern Kingbird
27	<i>Vireo olivaceus</i>	Red-eyed Vireo
28	<i>Cyanocitta cristata</i>	Blue Jay
29	<i>Corvus brachyrhynchos</i>	American Crow
30	<i>Progne subis</i>	Purple Martin
31	<i>Tachycineta bicolor</i>	Tree Swallow
32	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow
33	<i>Hirundo rustica</i>	Barn Swallow
34	<i>Poecile atricapilla</i>	Black-capped Chickadee
35	<i>Baeolophus bicolor</i>	Tufted Titmouse
36	<i>Sitta carolinensis</i>	White-breasted Nuthatch
37	<i>Troglodytes aedon</i>	House Wren
38	<i>Polioptila caerulea</i>	Blue-gray Gnatcatcher
39	<i>Sialia sialis</i>	Eastern Bluebird
40	<i>Turdus migratorius</i>	American Robin
41	<i>Dumetella carolinensis</i>	Gray Catbird
42	<i>Sturnus vulgaris</i>	European Starling

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio
July 7, 2007

11. Vertebrate Inventory

Birds

	SCIENTIFIC NAME	COMMON NAME
43	<i>Bombycilla cedrorum</i>	Cedar Waxwing
44	<i>Dendroica petechia</i>	Yellow Warbler
45	<i>Setophaga ruticilla</i>	American Redstart
46	<i>Geothlypis trichas</i>	Common Yellowthroat
47	<i>Piranga olivacea</i>	Scarlet Tanager
48	<i>Pipilo erythrophthalmus</i>	Eastern Towhee
49	<i>Spizella passerina</i>	Chipping Sparrow
50	<i>Spizella pusilla</i>	Field Sparrow
51	<i>Melospiza melodia</i>	Song Sparrow
52	<i>Cardinalis cardinalis</i>	Northern Cardinal
53	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak
54	<i>Passerina cyanea</i>	Indigo Bunting
55	<i>Dolichonyx oryzivorus</i>	Bobolink
56	<i>Agelaius phoeniceus</i>	Red-winged Blackbird
57	<i>Sturnella magna</i>	Eastern Meadowlark
58	<i>Quiscalus quiscula</i>	Common Grackle
59	<i>Molothrus ater</i>	Brown-headed Cowbird
60	<i>Icterus spurius</i>	Orchard Oriole
61	<i>Icterus galbula</i>	Baltimore Oriole
62	<i>Carpodacus mexicanus</i>	House Finch
63	<i>Carduelis tristis</i>	American Goldfinch
64	<i>Passer domesticus</i>	House Sparrow

Ohio Young Birders Club Bioblitz

Crown Point Farm and Education Center

Bath, Ohio
July 7, 2007

11. Vertebrate Inventory

Mammals

	SCIENTIFIC NAME	COMMON NAME
1	<i>Eptesicus fuscus</i>	Big Brown Bat
2	<i>Odocoileus virginianus</i>	White-tailed Deer
3	<i>Tamias striatus</i>	Chipmunk
4	<i>Tamiasciurus hudsonicus</i>	Red Squirrel
5	<i>Sylvilagus floridanus</i>	Eastern Cottontail
6	<i>Scalopus aquaticus</i>	Eastern Mole
7	<i>Peromyscus leucopus</i>	White-footed Mouse



May 15, 2007

Ohio Young Birders Club conducts first Bioblitz at Crown Point Farm & Education Center

On Saturday, July 7, 2007, the Ohio Young Birders Club (OYBC) is conducting a one-day inventory of the flora and fauna at Crown Point Farm & Education Center in Bath, Ohio. A full day of activities starts at 9:00 a.m. (7:00 a.m. for early birds) and concludes at 6:00 p.m. Pre-registration is required. There is fee of \$5.00 for non-OYBC members and adults. For registration information visit www.ohioyoungbirders.org or call the Black Swamp Bird Observatory at 419 898-4070.

A biodiversity blitz, or bioblitz, is a rapid assessment of what lives in a particular area at a given point in time. Bioblitzes provide a great learning experience for all the participants because nature is experienced up close and guided by experts. According to Jim McCormac, Field Ornithologist for the Ohio Department of Natural Resources, "Owning property is like managing a store. To be an effective manager, one has to have an accurate inventory. That's what a bioblitz helps to accomplish – a complete accounting of the flora and fauna that is on the site. Based on this information, the landowner can make better, more informed decisions about how to manage the land. "

At 7:00 a.m. there is an "Early Bird" bird walk. Registration is at 9:00 a.m., followed by a general introduction to the day's activities. Armed with binoculars, hand lenses and field guides participants will spend the day in designated groups with experts cataloging all their discoveries. Time to recap, examine and discuss inventories will occur throughout the day.

Crown Point Farm & Education Center is located on a 130-acre historic farmstead in Bath, Ohio, overlooking scenic Cuyahoga Valley and beyond. Its mission is to demonstrate the practical applications of ecology; and to connect spirituality, social justice and environmental protection. The Center's nine children's gardens, 10-acre Certified Organic farm, woodlands, meadows and wetland-pond ecosystem provide unique, sacred spaces to walk, to meditate and to be inspired by creation. Key program areas include education and sustainable agriculture. Everyone committed to restoring Earth and creating a sustainable society is welcome at Crown Point. Crown Point is a ministry of the Sister of St. Dominic of Akron. Please visit www.crownpt.org to learn more about Crown Point Farm & Education Center.

The Ohio Young Birders Club is for twelve to eighteen-year-olds interested in the study of birds. Started in the spring of 2006 by a group of young bird watchers and the education staff of the Black Swamp Bird Observatory in Oak Harbor, Ohio, its main goal is to bring young birder watchers together from all parts of the State of Ohio. The club aims to foster an interest in natural history, encourage young people to spend more time outdoors, connect young birders with adult mentors, and offer encouragement and support to Ohio's future ornithologists and naturalists. Club information, including monthly field trips and service projects, is available at www.ohioyoungbirders.org. ###

Contact Information:
Kim Kaufman, Education Director
info@ohioyoungbirders.org
Black Swamp Bird Observatory
13551 SR-2,
Oak Harbor, Ohio
419 898-4070
www.ohioyoungbirders.org

THE OHIO YOUNG BIRDERS CLUB

Is conducting a **BIOBLITZ** at

CROWN POINT FARM & EDUCATION CENTER
3220 Ira Road, Bath, Ohio

July 7, 2007
7:00 AM or 9:00 AM to 6:00 PM (Rain or Shine)

We will spend the entire day on this diverse 130-acre property, with expert field leaders observing and inventorying every natural thing we find!

Expert Field Leaders

Kenn Kaufman	Jennifer Brumfield	Larry Rosche
Ian Adams	Marlo Perdicas	Todd Blackledge
Kristin Stanford	Dave Dvorak	Joe Keiper
Larry Richardson	Judy Semroc	Jim McCormac

SCHEDULE OF EVENTS

07:00 AM – 09:00 AM	“Early Bird” Bird Walk
09:00 AM – 09:15 AM	Registration
09:15 AM – 09:30 AM	Welcome & Purpose (in barn)
09:45 AM – 11:45 AM	Walks with Leaders
11:45 AM - 01:00 PM	Morning Recap (in barn) & Lunch
01:00 PM - 02:45 PM	Walks with Leaders
02:45 PM - 03:00 PM	Record Results & Change Groups
03:00 PM - 05:15 PM	Walks with Leaders
05:30 PM - 06:00 PM	Closing Recap & Remarks (in barn)

Join us; it will be a lot of fun!

Remember to bring your lunch, sun screen, insect spray, rain gear, field guides, hand lenses and insect nets.

Driving Directions from the North: Take I-77 to Exit 143 (Richfield/Wheatley Rd). Turn right off ramp, left at second traffic light (Brecksville Rd which changes to Cleveland/Massillon Rd at Everett Rd) and continue south to Ira Rd. Turn left on Ira Rd. Crown Point is one east on the right side.

Driving Directions from the South: Take I-77 to Exit 138 (Ghent Rd.). Turn left off ramp on Ghent/Cleveland-Massillon Rd. Continue north to Ira Rd. Turn right on Ira Rd. Crown Point is one mile east on the right side.

THE OHIO YOUNG BIRDERS CLUB Is conducting a BIOBLITZ at

CROWN POINT FARM & EDUCATION CENTER

3220 Ira Road, Bath, Ohio

July 7, 2007

7:00 or 9:30 AM – 6:00 PM

Participation Donation		Date Recv'd. _____	
		No. in Party	Total
OYBC Member	\$0.00 X		
Non Member (12 – 18 yrs old)	\$5.00 X		
Adult	\$5.00 X		
Tax Deductible Donation			
		Total Enclosed:	

The registration deadline is June 23, 2007

(Please Print)

NAME:

ADDRESS:

CITY, STATE, ZIP:

PHONE:

AGE: (IF UNDER 18)

EMAIL:

(List names of all participants (must be 12 years old or older), including first name, on the back of this form)

In addition to BIRDS, check all nature categories you are interested in:

BUTTERFLIES

DRAGONFLIES

MUSHROOMS

INSECTS & SPIDERS

GEOLOGY

SNAKES & FROGS

FLOWERS/TREES

Check your REGISTRATION arrival time:

_____ 07:00 AM (For "Early Bird" Bird Walk)

_____ 09:30 AM (General Activities)

* SIGNED: _____ DATE _____

(By parent or guardian if participant is under 18)

Black Swamp Bird Observatory, Kirtland Bird Club & Crown Point Farm & Education Center are released of all responsibility. If not accompanied by a parent or guardian please attach the medical participation form for all participants under 18 years old.



CROWN POINT
farm & education center
renewing earth and spirit since 1987



ADDITIONAL BIOBLITZ PARTICIPANTS

NAME:

ADDRESS:

CITY, STATE, ZIP:

PHONE:

AGE: (IF UNDER 18)

EMAIL:

In addition to BIRDS, check all nature categories you are interested in:

BUTTERFLIES

DRAGONFLIES

MUSHROOMS

INSECTS & SPIDERS

GEOLOGY

SNAKES & FROGS

FLOWERS/TREES

NAME:

ADDRESS:

CITY, STATE, ZIP:

PHONE:

AGE: (IF UNDER 18)

EMAIL:

In addition to BIRDS, check all nature categories you are interested in:

BUTTERFLIES

DRAGONFLIES

MUSHROOMS

INSECTS & SPIDERS

GEOLOGY

SNAKES & FROGS

FLOWERS/TREES

NAME:

ADDRESS:

CITY, STATE, ZIP:

PHONE:

AGE: (IF UNDER 18)

EMAIL:

In addition to BIRDS, check all nature categories you are interested in:

BUTTERFLIES

DRAGONFLIES

MUSHROOMS

INSECTS & SPIDERS

GEOLOGY

SNAKES & FROGS

FLOWERS/TREES

Remember to bring your lunch, sun screen, rain gear, field guides, hand lenses and insect nets.

Make checks payable to Black Swamp Bird Observatory and mail to:

**Black Swamp Bird Observatory,
PO Box 228, Oak Harbor, OH 43449**

For registration call 419 898-4070 or visit www.ohioyoungbirders.org

BLACK SWAMP BIRD OBSERVATORY & CROWN POINT FARM & EDUCATION CENTER

ADULT PHOTOGRAPH RELEASE

I agree and understand photographs which include my image taken at Black Swamp Bird Observatory's *Ohio Young Birders BioBlitz* at Crown Point Farm and Education Center in Bath, Ohio on July 7, 2007 may be used in BSBO and Crown Point Farm & Education Center publications for BSBO's and Crown Point Farm & Education Center's advertising, publicity, commercial or other business purposes. I hereby give BSBO and Crown Point Farm & Education Center permission to duplicate and distribute the photographs, or any parts there of which include my image, in perpetuity in any manner and in any and all media, including the internet, whether known now or hereafter devised. I wave any right to inspect or approve the finished version.

I hereby release and hold harmless BSBO and Crown Point Farm & Education Center and their officers, employees, agents, licenses, successors and assigns from and against any and all claims, demands, or causes of action which I may have or may in the future have for libel, defamation, invasion of privacy or right of publicity arising from BSBO's and Crown Point Farm & Education Center's use of my appearance, name or likeness, including but not limited to , the distribution, reproduction or broadcast of the photographs (or any part thereof).

Signature: _____

Print Name: _____

Date: July 7, 2007

BLACK SWAMP BIRD OBSERVATORY & CROWN POINT FARM & EDUCATION CENTER

ADULT PHOTOGRAPH RELEASE

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Signature: _____

Print Name: _____

Date: July 7, 2007



**PERMISSION, HEALTH AND MEDIA FORM
for**

The Ohio Young Birders Club Bioblitz at Crown Point July 7, 2007

Please Print

Participant Information

Name of Child _____ Birth Date _____ Gender M/F ____
Parent/Guardian Name _____
Address _____ City _____ State _____ Zip _____
Phone - Day _____ Cell _____ Evening _____
Secondary Emergency Contact: _____ Phone (day) _____

I do hereby grant my permission for the above named child to participate in The Bioblitz at Crown Point on July 7, 2007. I assume all risks in connection with the program and release the board and staff at Crown Point, the Sisters of St. Dominic and all volunteers thereof from all liability. My child will follow the rules of Crown Point and directions of program leaders.

Signature of Parent/Guardian

Date

Health Information

Name of Parent/Guardian carrying Health Insurance _____
SS# _____ Insurance Company _____
Policy Number _____ and Group Number _____
Allergies _____

Special Health issues and/or physical limitations _____

Current Medications, if any _____

I hereby give permission to the medical personnel selected by Crown Point to order x-rays, routine tests and necessary transportation for my child. In the event I cannot be reached in an emergency I hereby give permission to the physician selected by the Crown Point staff to secure and administer treatment including hospitalization for my child as named above.

Signature of Parent/Guardian

Date

Media Consent

I do hereby give permission to use photographs and statements made by my child for Crown Point publicity and program promotions unless otherwise noted.

Signature of Parent/Guardian

Date

OYBC CROWN POINT BIOBLITZ INVENTORY REPORTING FORM – JULY 7, 2007



TEAM:	RECORDER:			EXPERT #1:			
START TIME:	END TIME:			EXPERT #2:			
LOCATION CODES:	F - FOREST	W - WETLAND	G - GRASSLAND	C - CONIFER	FG - FLOWER GARDENS		BA - BUILDING AREAS

#	COMMON NAME	GROUP (E.G. BIRD)	GENUS	SPECIES	VOUCHER OR PHOTO	LOCATION	NOTES
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Odonata



Azure Bluet
Enallagma aspersum



Teneral Damselfly
with exuvia



Comet Darner
Anax longipes



Eastern Amberwing
Perithemis tenera



Halloween Pennant
Celithemis eponina



Eastern Pondhawk female
Erythemis simplicicollis

Lepidoptera (Butterflies)



Common Buckeye
Junonia coenia



Common Wood-Nymph
Cercyonis pegala



Pearl Crescent
Phyciodes tharos



Great Spangled Fritillary
Speyeria cybele



Black Swallowtail
Papilio polyxenes

Lepidoptera (Moths)



Geometridae sp.



Ultronia Underwing
Catocala ultronia



Grape Leaf Folder
Desmia funeralis



Beautiful Wood-nymph
Eudryas grata



Large Lace-border
Scopula limboundata



Lesser Maple Spanworm
Itame pustularia