



The North Central Chapter

Society of Wetland Scientists

NCC BOARD OF DIRECTORS MEETING

11:00-12:00 AM (Central Time), Thursday, Sept. 29, 2016

Call in Number: 712-432-0460, access code 341085

1. Call to order (David Mushet): 11:03
2. Determination of quorum by Secretary-Treasurer (Jessica Ackerman): Identified that a quorum was present

Board Members Present:

Liz, Karen, Joy, Casey, Dave, Arnold

3. Acceptance of Minutes from June 1st, 2016 NCC Meeting in Corpus Christi (Jessica Ackerman): Minutes were not ready. Will be distributed with a vote to accept at next meeting
4. Financial report by Secretary-Treasurer (Jessica Ackerman): Nothing to report
5. Standing Committee Reports
 - a) Membership Committee (Jessica Ackerman): Nothing to report
 - b) Program Committee (Julie Nieset):

Dave provided an overview of program committee report in lieu of Julie's attendance. Talked about Ohio meeting.

- c) Nominations Committee (Arnold van der Valk)

Later in the winter will be issuing a call for nominations for secretary-treasurer, president-elect, student representative, and board positions. Liz asked about retention of the board positions.

Dave brings up off-cycling in the past. Jessie asked about changing by-laws to make the Secretary-treasurer position into separate positions. Dave says we'll discuss in new business.

- d) Grants and Awards Committee (Karen Mangan): No SWS students attended regional meeting, \$520 left over money from last year's budget.

6. Old Business

- a) ND State Representative – Marinus Otte introduced as new ND state representative

7. New Business

- a) Review of 2017 Proposed Budget – still more money going out than coming in. Income primarily just from chapter dues (which are up, so good!). Need to consider fundraising
 - b) SWS Multicultural Program Chapter Support Request – Dave reads letter. SWAMMP gets the same amount of money no matter on our support. Dave proposes not supporting this year given current deficit budget. Liz seconded motion, which passed unanimously.
 - c) Proposal to Pay Membership Costs of Students (10) Attending Ohio Meeting

Dave makes a motion to propose yes. Liz seconds. Joy suggests we ask the students if they are interested in the membership. Will add a \$500 line item to the budget for “student support,” to replace the student travel line item.

d) 2017 Elections – discussed above

e) Splitting Secretary-Treasurer position – would take a revision to the by-laws, but enough time to complete if wanted. Dave makes a motion to split. Jessie seconds it. Goes to vote to change bylaws. Everyone agrees, no one opposes.

Arnold suggests “beating the bush” on a 2017-chapter meeting area. Joy suggests Indy. Arnold suggests Madison or Minneapolis. Dave suggests Joy helping him with sites for 2017 regional meeting. Nailed down location by Jan.

Jessie will get budget revision back to Dave by tomorrow. Out to group next week for a final vote to approve.

8. Meeting Adjournment 11:59am

**SWS-NCC Business Meeting
Program Committee Report
Submitted by Julie Nieset
September 29, 2016**

Program Promotion and Events

- SWS-NCC had displays and representation at Wisconsin Wetlands Association conference (WWA) (Feb 2016) and at our SWS-NCC and Ohio Wetland Association (OWA) joint annual meeting (September 2016).

- There were 59 participants at our joint annual meeting “Wetland Summit” held in NE Ohio this year, nine of whom were students who received full scholarships to attend. See attached program guide of the event (created by Delores Cole of OWA). Wetland summit sponsors and collaborators included: The University of Akron, Cardno-JFNew, Central Michigan University Institute for Great Lakes Research, The Nature Conservancy, Bath Township, National Park Service, Ohio Environmental Protection Agency, and the Cleveland Museum of Natural History.

- SWS-NCC continued to provide financial support to WWA conference, research and travel support to students and the SWS Undergraduate Student Mentoring Program.

SWS Wetland Treasure (WT) Program

- The initial phase of the WT Program was unveiled end of April 2016 to start receiving applications for nominating WT’s. We have been receiving applications since this time. We are looking to post the successfully nominated wetlands, formally announce the website and this first set of WT’s sometime this fall 2016 or early 2017. We will then start the next phase of soliciting nominations.

- The states in our region where we have not received any applications are SD, IA, and MI. Know that there have been numerous contacts with state and other agencies and SWS members in attempts to elicit applications from these states. We still have a bit of time to get Wetland Treasures from these states nominated for this initial phase if acted on rather quickly. If you are familiar with wetlands in these states please nominate a wetland. Likely it will not take more than a couple of hours for sites that you have photos for and are fairly knowledgeable about.

- For the past year (and currently) the Wetland Treasures Regional Coordinator for our Chapter is Julie Nieset. She was recently offered the option to step into the SWS Wetland Treasures Co-Chair position for our SWS organization as a whole. It would mean though that someone else from our Board would need to fill our Chapter’s Regional Coordinator role. This involves ongoing coordination with reviewer members from each of the ten states in our chapter to review applications of submitted Wetland Treasures, solicitation for others to submit applications, as well as ongoing coordination and assistance with the nomination process with site managers. This position could be done jointly (perhaps with a non-board member), and the current coordinator recommends having multiple people involved in this, due to the size of our NCC.

Driving Directions to Venues

Saturday, September 10, 2016, 9 a.m. to 4 p.m.

2016 Wetlands Summit, Fellowship Hall
3909 Broadview Road, Richfield, OH 44286
Enter the building from the rear.
Driving directions: <https://goo.gl/maps/5TGvyjftd6H2>

Saturday, September 10, 2016, 5:30 p.m.

Evening Social & Rodeo Dinner Buffet
Bath Nature Preserve, Regal Beagle Pavilion
4240 Ira Road, Akron, OH 44333

Please drive past the first parking lot to the pavilion area. You will be driving over speed bumps.

Driving Directions: <https://goo.gl/maps/eSJ555mLPhD2>

Sunday, September 11, 2016, 8:30 a.m.

SWS Chapter Meeting
Bath Nature Preserve, University of Akron Field Station
4240 Ira Road, Akron, OH 44333
Driving Directions: <https://goo.gl/maps/eSJ555mLPhD2>

Sunday, September 11, 2016, 10 a.m. to Noon

Morning Field Trips
Krejcí Restoration Site, Cuyahoga Valley National Park Field Trip
Meet at the Boston Store Visitor Center
1550 Boston Mills Road, Peninsula, OH 44264
Driving Directions: <https://goo.gl/maps/3yagTP1vffr>

Beaver Pond, Cuyahoga Valley National Park Field Trip
Meet at the Beaver Pond at the Ira Trailhead Parking Lot
3801 Riverview Road, Peninsula OH 44264
Driving Directions: <https://goo.gl/maps/TfhRoYz6Bqo>

Steiner Woods University of Akron Research Station Field Trip
Bath Nature Preserve, Regal Beagle Pavilion
Meet at the pavilion
4240 Ira Road, Akron, OH 44333
Driving Directions: <https://goo.gl/maps/eSJ555mLPhD2>

Sunday, September 11, 2016, Noon to 1:30

Lunch at the Winking Lizard (Self pay)
1615 Main Street, Peninsula, OH 44264
Driving Directions: <https://goo.gl/maps/EG2XUjj2v4p>

Sunday, September 11, 2016, 1:30 p.m. to 3:30 p.m.

Herrick Fen State Nature Preserve Field Trip
Seasons Rd. Streetsboro OH 44241
Driving Directions: <https://goo.gl/maps/cuVynz8G4Jz>

5th Annual Wetlands Science Summit

"Life on the Edge: Where Humans Meet Wetlands."

Saturday, September 10, 2016

Fellowship Hall, Richfield, OH
9 a.m. - 4 p.m.

Evening Social and Rodeo Dinner Buffet
Regal Beagle Pavilion, Bath Nature Preserve
Akron, Ohio
5:30 p.m. - 9 p.m.



Hosted by the Ohio Wetlands Association
www.OHwetlands.org

and the Society of Wetland Scientists,
North Central Chapter
www.SWS.org

Wetland Science Summit Presenters



Robert W. Bobel

Robert W. Bobel is the Park Engineer at Cuyahoga Valley National Park. He was responsible for much of the engineering design in the development of Cuyahoga Valley National Park including the design and construction of the Ohio & Erie Towpath Trail, the restoration of the Valley Railway and the development of the park's innovative riverbank stabilization program. He holds a Bachelor of Science degree in Civil Engineering from Case Western Reserve University and is a registered professional engineer.



Peg Bobel

Peg Bobel is currently a Cultural Resource Specialist with Summit Metro Parks, where she researches land use history for new and existing park units. Peg, a native of Akron, Ohio, also worked as a social worker and directed the non-profit friends group for Cuyahoga Valley National Park before taking up research and writing as her primary occupation. She and her husband Rob were co-founders of the Cuyahoga Valley Trails Council and together edited the book Trail Guide Handbook: Cuyahoga Valley National Park, the official trail guide for the park. Peg holds a Master of Science degree in Social Administration from Case Western Reserve University.



Alexandra (Sasha) Bozimowski

Ms. Bozimowski has been with the Great Lakes Coastal Wetland Monitoring Program (CWMP) since its inception in 2011, as the Wetland Ecology Laboratory Manager and in charge of CWMP field crews. She also coordinates the analysis of water samples for CMU and other Central Basin teams.



Brian Gara

Brian is a Wetland Ecologist with the Ohio EPA, specializing in the study of native hydrophytic plants and the use of geographic information systems (GIS) technology to enhance the quantity and quality of Ohio's wetland resources. He has worked on numerous research projects to better understand these important aquatic resources. Some past studies include: a detailed statewide assessment of the ecological condition of Ohio's remaining

wetland resources, the development of a GIS application to identify potential high quality vernal pool restoration sites, and the integration of wetland assessment into the total maximum daily load (TMDL) process. He graduated with a BA in Art and Biology from Bluffton College (1985), an MS in Botany from Ohio University (1987), and a PhD from The Ohio State University in Environmental Science (1995).

Field Trip Leaders



Steiner Woods Trip Leader, Randy Mitchell

In High School Randy was told that 'they know everything about biology,' and was amazed in College when to learn how wrong that statement was. As H.E. Evans says, "We live on a 'little known planet.'" Discovering that you can do science outdoors, there was no doubt about what he would do. Randy has been fortunate to have done research in many wonderful places, including Colorado's Rocky Mountain Biological Laboratory, California's deserts and mountains and scrub, Adelaide Australia, New Mexico's mountains and deserts, Wisconsin's wetlands, and the wonderful Cuyahoga Valley. His main research interest is in the evolutionary ecology of plant pollinator interactions, focusing on how plant mating patterns and success are affected by pollinator behavior and abundance. Dr. Mitchell is a University of Akron Biology Professor and Director of the Field Station at Bath Nature Preserve.



Krejci Restoration Site, CVNP Trip Leader, Chris Davis

Chris is currently the plant ecologist at Cuyahoga Valley National Park (CVNP) and has worked at parks from the east to west coasts. Chris received his Master degree in biology from San Diego State University, where he studied eelgrass conservation and genetics. One of his primary responsibilities at CVNP is managing reforestation and restoration of disturbed land."

Beaver Pond, CVNP Trip Leaders, Bob and Peg Bobel

See speaker bios.



Herrick Fen State Nature Preserve Trip Leader, About Karen Adair

Karen is the Central Lake Erie Basin Projects Manager for The Nature Conservancy. She has a BS in Biology and has worked in conservation for two decades. Since her start with TNC in 2004, Karen has led and overseen the restoration and management of TNC's NEOH preserves, including Herrick Fen. She is also responsible for TNC's work in northeast Ohio including the development of regional projects and partnerships and grant writing and administration.

Summit Field Trips

Sunday, September 11, 2016, 10 a.m. to Noon Steiner Wetlands and Tamarack Bog Field Trip

4240 Ira Road, Akron, OH 44333

Meet at Bath Nature Preserve Regal Beagle Parking Lot

Driving Directions: <https://goo.gl/maps/eSj555mLPhD2>

Led by Dr. Randy Mitchell, Director, Biological Field Station, University of Akron

The Steiner Woods property has been used for a long-term amphibian research study. Researchers documented 13 species of salamander—including thousands of spotted salamanders—that use the extensive wetlands during breeding season. This Steiner Woods is part of an extensive seasonal wetland complex and is adjacent to a rare tamarack bog at the Bath Nature Preserve. Moderate Hike.

Beaver Pond, CVNP Field Trip

Meet at the Ira Road Trailhead Parking Lot

3801 Riverview Road, Peninsula OH 44264

Driving Directions: <https://goo.gl/maps/TfhRoYz6Bq>

Led by Rob and Peg Bobel, Volunteers, Cuyahoga Valley National Park

See the Cuyahoga River and the natural setting within the National Park. This boardwalk trail over the beaver marsh is excellent for watching birds and other wildlife. See what happens when a dump gets cleaned up and beavers move in. Good photography opportunities. Easy hike.

Krejci Restoration Site, CVNP Field Trip

Meet at the Boston Store Visitor Center

1550 Boston Mills Road, Peninsula, OH 44264

Driving Directions: <https://goo.gl/maps/3yagTP1vfr>

Led by Chris Davis, Botanist, Cuyahoga Valley National Park

This trip will go to three locations; the Krejci restoration site, a treatment wetland and a native plant nursery all within the National Park. See how their continuing efforts are making the valley look like it did when settlement began.

Sunday, September 11, 2016, 1:30 p.m. to 3:30 p.m.

Herrick Fen State Nature Preserve Field Trip

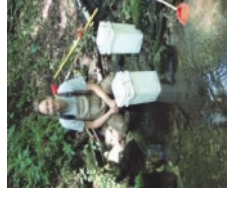
Seasons Rd. Streetsboro OH 44241

Driving Directions: <https://goo.gl/maps/cuVYnz8G4jz>

Led by Karen Adair, Central Lake Erie Watersheds Project Manager, The Nature Conservancy

This 140 acre preserve is owned and managed by The Nature Conservancy. It hosts two special fen communities due to the rise of cold, calcium and magnesium rich springs. The tamarack fen is one of the few reproducing populations in the state. The cinquefoil-sedge fen contains an extensive population of bayberry, a state endangered plant. All told, the preserve provides habitat for over two dozen state listed species.

Wetland Science Summit Presenters (cont'd)



Dana Ohman

Dana is a Stream and Wetland Mitigation Specialist with The Nature Conservancy located in the Ohio Chapter. Her role with the Ohio Chapter is to locate and evaluate potential stream and wetland restoration opportunities. Dana holds a Bachelor's Degree from Otterbein College and a Master's Degree in wildlife and fisheries conservation from the University of Massachusetts Amherst. She is a Certified Ecologist with Ecological Society of America and a certified Fisheries Professional from the American Fisheries Society. Dana's expertise is in stream restoration with an emphasis on incorporating geomorphic design.

Lara Roketenetz

Lara is currently the Field Station Manager for the University of Akron. Her responsibilities include promoting a better understanding of the university's relationship with the natural environment through scientific research, experiential learning, environmental education, and community service and outreach. To accomplish these goals, she is developing a place-based K-12 environmental education curriculum, as well as adult community outreach programs on sustainability. Lara also manages the University's 100 acre restored wetland, the Panzner Wetland Wildlife Reserve. Her Ph.D. research focuses on the milfoil weevil, a native biological control agent of the invasive aquatic Eurasian watermilfoil. She serves on the board of a Cleveland, Ohio permaculture non-profit called Green Triangle.



Bill Schumacher

Bill has been with the Division of Surface Water at the Ohio EPA in Columbus, Ohio for twenty years. He assists with GIS analysis, wetland research and technical support in the Water Quality Standards unit. Bill earned a bachelor's degree in Soil Science from Michigan State University, a master's degree in Plant and Soil Science from South Dakota State University and a master's degree in Environmental Science from Miami University (Ohio). Prior to joining the Ohio EPA, Bill worked as a soil scientist and agronomist, working with Indiana Department of Natural Resources, Mennonite Central Committee, and University of Missouri.



Carol Thaler

Great Lakes Biomimicry's Director of Outreach & Administration has compiled 30 year's experience in city and regional planning, natural area preservation, community master planning, transportation planning land development review and organizing. Ms. Thaler managed development of community master plans and helped develop Cuyahoga County's first "Greenspace Plan." She led County management of Whiskey Island, a 32 -acre park at the mouth of the Cuyahoga River. Ms. Thaler is a founding member and remains involved in the Lake Erie Allegheny Partners for Biodiversity. She holds a Bachelor of Science Degree in Landscape Architecture from Ohio State University, is a member of the American Institute of Certified Planners and a certified Biomimicry Specialist.

Summit Sponsors and Collaborators



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Shaping the Future



CMU | Institute for
Great Lakes Research
CENTRAL MICHIGAN UNIVERSITY



The Nature Conservancy
Protecting nature. Preserving life.



hio
Ohio Environmental
Protection Agency

Cleveland Museum of
NATURAL HISTORY

Wetland Science Summit Agenda

8:30 am	Doors open, Coffee & Snacks
9:00 am	Welcome –
9:15 am	"Bryophytes as a Potential Indicator for Wetland Quality" , Presented by Bill Schumacher, Environmental Specialist, Ohio EPA
9:45 am	"Streamlined Vegetation Monitoring to Assess the Condition of Ohio's Wetlands" , Presented by Brian Gara, Wetland Ecologist, Ohio EPA
10:30 am	Break
10:45 am	"National Wetland Conditions Assessment (NWCA) in Ohio - Impacts to Soils" , Presented by Bill Schumacher, Environmental Specialist, Ohio EPA
11:15 am	"The Great Lakes Coastal Wetland Monitoring Program" , Presented by Alexandra (Sasha) Bozimowski, Wetland Ecologist and Wetland Ecology Laboratory Manager for the Institute for Great Lakes Research, Central Michigan University
Noon	Lunch
1:00 pm	"The Nature Conservancy's Ohio Stream and Wetland In-Lieu Fee Mitigation Program" , Presented by Dana Ohman, The Nature Conservancy's Stream and Wetland Mitigation Specialist
1:45 pm	"Biomimicry Applications in Watershed Restoration" , Presented by Carol Thaler, Director of Outreach and Administration, Great Lakes Biomimicry
2:30 pm	Break
2:45 pm	"The Towpath Beaver Marsh: Junkyard to Wetland to Trail to Community" , Presented by Robert W. Bobel, Park Engineer, Cuyahoga Valley National Park and Peg Bobel, Cultural Resource Specialist, Summit Metro Parks
3:30 pm	"SWS Wetland Treasures Program" , Presented by Julie Nieset, Wetland Plant Ecologist, Illinois Natural History Survey
3:45 om	Wrap-up and Evaluations