

Fall IAN Workshop 2021

Alaska to Antarctica: Adventures Await!



Woodbury County Conservation Board
Wednesday - Friday, November 3 - 5, 2021
Dorothy Pecaut Nature Center
4500 Sioux River Road Sioux City, IA 51109

Wednesday, Nov 3, 2021 – Offsite and Extended Learning Sessions



Option 1: Falconry Information and Demonstration at Heendah Hills State

Preserve

Cost: FREE. **Time:** 1:00 - 4:30pm **Category:** I & II **Meeting location:** Dorothy Pecaut Nature Center

Kay Neumann, master falconer, raptor rehabilitator and director of S.O.A.R. (Saving our Avian Resources) will share the basic art and sport of Falconry. We will begin with a falconry introduction at the Dorothy Pecaut Nature Center. Kay will give us the background of this rare sport, how it is done, and equipment and regulations needed to participate in falconry. We will carpool/caravan a few miles north to Heendah Hills Recreation Area to watch Kay with her live falcon in action. Jacob Schaben, Iowa DNR ranger will also give us background information about this area that is a protected area in the Loess Hills. Heendah Hills and Stone State Park are connected through the Hummel Acquisition (834 acres) acquired by The Nature Conservancy. These three properties create a complex of almost 3,000 acres of contiguous conservation land in the Loess Hills. Hiking and exploring time allowed at the end of the falconry demonstration. For more information about S.O.A.R. see <https://soarraptors.org>

Option 2: Pheasant Hunt at Owego Wetlands

Cost: FREE. **Time:** 12:30- 4:00pm **Category:** I & II **Meeting location:** 12:30 p.m. Meet at Snyder Bend Park boat ramp, Salix, IA (2924 Snyder Bend Rd, Salix, IA 51052). Woodbury CCB staff – Derek Bean (Assistant Resource Manager), Erik Lindsay (Resource Manager), Brian Stehr (Deputy Director), and Josh VanVoorst (Resource Manager).

The Owego Wetland Complex is named for the abandoned town of Owego, which exists only on old maps. Since the first acquisition in 1998, the Owego complex has grown to 1,330 acres, with outstanding wildlife habitat and public recreation. Numerous partnering agencies such as, Iowa Natural Heritage Foundation, Kind World Foundation, Ducks Unlimited, Woodbury County Pheasants Forever, Loess Hills Audubon Society and many others assisted in reclaiming this area to what it might have looked like 100-200 years ago. Over 200 bird species have been recorded here and the wildlife area is great for upland game and waterfowl hunting and wildlife viewing. Woodbury County Conservation Board field staff will lead a pheasant hunt at this area for your enjoyment. Meet our staff at 12:30 p.m. at Snyder Bend Park. You will carpool/caravan to Owego wetlands (leaving promptly at 1:00 p.m.). The hunt will conclude no later than 4:30 p.m. **Hunt Details:** NON-TOXIC SHOT ONLY. Bring your own gear, gun, ammunition, hunting license and habitat fee. Brian Stehr and Derek Bean will have their dogs along. You may bring your own dog but are responsible for your own dog. We recommend waterproof hunting boots or knee-high rubber boots for footwear.

Participants can register online at <https://www.mycountyparks.com/Org-Event/41/Fall-IAN-Woodbury-County-Adventures-Await.aspx>

Wednesday, Nov 3, 2021 – Offsite and Extended Learning Sessions Continued...

Option 3: Museum Exhibit Sampler

Cost: FREE. **Time:** 11:30 - 4:30 pm **Category:** I, II, IV **Meeting location:** Stoney Creek Inn Parking lot, 300 3rd St Sioux City

Tour and meet with professionals at four different interpretive facilities in the Sioux City area. The field trip will include the LaunchPAD Children's Museum, Sioux City Public Museum, Lewis & Clark Interpretive Center and Adams Homestead and Nature Area. View the distinctly different interpretive displays and learn more about the programs and projects at each facility. Please eat lunch on your own prior to the field trip.

11:30 a.m. Meet at Stoney Creek Inn Parking lot to carpool/caravan to the museum sites.

11:45 a.m. – 12:45 p.m. LaunchPAD Children's Museum

1 – 2 p.m. Sioux City Public Museum

2:15 – 3:15 p.m. Sioux City Lewis & Clark Interpretive Center/The Betty Strong Encounter Center

3:30 – 4:30 p.m. Adams Homestead & Nature Preserve

LaunchPAD Children's Museum was started as a project by local moms involved with the Junior League of Sioux City. The museum opened its doors in February of 2016 and features 7,000 square feet of museum space. LaunchPAD Children's Museums mission is to be Siouxsland's champion of education play and discovery. Through interactive exhibits and hands-on activities and play, children and their caregivers learn about science, technology, engineering, arts, and math (STEAM). The regionally focused exhibits dynamically incorporate elements of agriculture, wind, water, construction, commerce, drama, and much more. LaunchPAD is geared towards ages 6 months to 10 years, but is fun for all ages! Family memberships are available at multiple price levels, and members receive discounts on retail toys, birthday parties, and classes and camps.

Matt Anderson, Curator of History at the **Sioux City Public Museum** will provide a short presentation about the logistics of working with traveling exhibits. Following his presentation and discussion, participants will be invited to tour the Museum's current traveling exhibit, "**Thomas D. Mangelsen – A Life in The Wild**", on display August 14, 2021 - January 16, 2022. The exhibit is a retrospective of legacy images from over 40 years of nature and wildlife photography capturing the Earth's last great wild places. You will also have time to browse the permanent exhibits at the museum.

The **Sioux City Lewis & Clark Interpretive Center and the Betty Strong Encounter Center** comprise an almost 20,000-square-foot, private, non-profit cultural complex, built and sustained by Missouri River Historical Development, Inc. (MRHD). The Interpretive Center opened in 2002 to commemorate the Lewis & Clark Bicentennial. It expanded in late 2007 with the opening of the adjoining Betty Strong Encounter Center to fulfill a permanent mission of "commemorating a history of encounters before, during and after the expedition."

The Center showcases permanent exhibits about the Corps of Discovery's time in the present-day Sioux City area from late July to early September 1804. The death and burial of Sergeant Charles Floyd on August 20 is at the center of the story. Floyd was the first U.S. soldier to die west of the Mississippi River. The expedition as a military operation comes to life in exhibits that use interactive devices, including animatronic figures, computer games, flip books, stamping stations, text-and-graphic panels, hand-painted murals, a brass-rubbing station, and reproductions of military equipment.

The **Adams Homestead and Nature Preserve** is a 1500-acre park in the Missouri River basin donated to the SDGFP by Maud and Mary Adams. The homestead was established in 1872 by Stephen Searls Adams and includes the Shay/Adams House, Lamont Country School, Stavenger Lutheran Church, Brusseau Cabin and Sonny's Acres. It also includes over 10 miles of hiking and biking trails, an archery range, a visitor center, and the Cottonwood Playground. This park contains many different natural resources which wildlife watchers and nature lovers can enjoy. Adams Homestead and Nature Preserve is located near North Sioux City, SD.



Sioux City Lewis & Clark Interpretive Center
The Betty Strong Encounter Center



Thursday, November 4, 2021 - Sessions at Dorothy Pecaut Nature Center

6:30 - 9:30 am Breakfast at hotel or on own

8:00 - 8:45 am Registration

8:45 - 9:15 am Welcome, Announcements, & Introductions

9:30 - 10:30 am Concurrent Sessions

1. *Telling Your Story--Working with Media and Local Colleges*

Presenter: Dave Madsen, Associate Professor, Morningside University

Category: III, IV **Room:** A

Learn the basics of working with your local media from a seasoned media professional. Also, find out how to work with a local college to get some help for your Public Relations and Marketing needs.

2. *Zombie Camp*

Presenter: Jess Lancial, Naturalist, Story County Conservation Board

Category: I, II **Room:** B

Using Zombies as a theme can revive a dying subject. Story County Conservation's Zombie Camp enlists kids to research, monitor, and develop a cure for the zombie outbreak at McFarland Park. Training includes learning the importance of team-work, and gaining valuable survival skills such as navigation, tracking, how to use a "die-chotomus" key, first aid, fire building, medicinal plants, and more. Come be inspired on how to put a new twist on tired ideas.

3. *Get 'N' Mossy (Outdoors Session)*

Presenter: Lisa Cox, Master Gardener Iowa State Extension Office – Woodbury County

Category: I, II **Room:** Meet on Front Deck

With COVID-19 present, families are seeking alternative activities for fun. As a result, nutrient dense experiences are vital. By providing exposure to the outdoors, community disengagement in nature is decreasing. As a master gardener and educator, Lisa Cox spends many days educating children and adults on the benefits of taking the time to get "mossy," becoming nature detectives, and getting a little sweaty. We'll explore the joys of Dorothy Pecaut Nature Center trails on this November morning with Lisa as we learn more about increasing our Vitamin N intake.

10:30 – 11:00 am Break (bring snacks to share)

11:00 – 12:00 pm Concurrent Sessions

1. *Events for Women*

Presenters: Patrice Petersen-Keys (Polk CCB), Anne Riordan (Iowa DNR), and Christina Roelofs (Shelby CCB/Iowa DNR)

Category: I, II, IV **Room:** A

Patti Petersen-Keys, Anne Riordan, and Christina Roelofs will talk about events that are geared specifically towards women. Patti will talk about her Wild Women in the Woods with Wine Series, Anne will speak about her Beyond BOW Winter Gathering, and Christina about her Beyond BOW – Women, Water, and Wine. We will talk about specifics with each topic – what we did, logistics, cost, and feedback from participants.

2. *Going NUTS! Fall Foraging (Indoors/Outdoors Session)*

Presenter: Chelsea Ewen Rowcliffe, Mitchell County Conservation Board

Category: I, II, V **Room:** B

Fall is my favorite season, but if you're tired of turkeys, squirrels, and hibernation...try some fall foraging! In this mini foraging session, we'll talk about how to incorporate foraging into your programs throughout the year, discover the best methods on cracking walnuts and acorns (hello STEM activity!), and even try a tasty foraged treat.



12:00 – 1:00 pm Lunch -- Build your own Sandwich Wrap, & mixed fruit \$10 per person

Choose a Wrap: tomato basil, spinach, whole wheat, or gluten free. Meat: turkey & ham. Toppings: lettuce, tomato, onion, black olives, jalapenos, shredded cheese. Sauces: ranch, buffalo bacon ranch, miracle whip. Soups: chicken & noodle or vegetable (Choose with registration). Mixed Fresh Fruit: grapes, strawberries, watermelon & cantaloupe. Lemonade & Iced Tea (included)

1:00 – 2:00 pm General Session

1. *Running Away to Live with Bears: Rangering in Remote Alaska*

Presenter: Cara Rohdenburg, National Park Service Ranger

Category: I, II **Room:** A & B

Is visiting Alaska on your bucket list? Get a taste for what it's like to live and work in a remote corner of Alaska in this presentation by a National Park Service Ranger. Cara works in Katmai National Park, which is famous for the salmon runs and the chubby brown bears that eat them. She will share her wildlife photography and give us a glimpse of the beautiful scenery and animals that she sees every day.



2:00 – 2:30 pm Break (bring snacks to share)

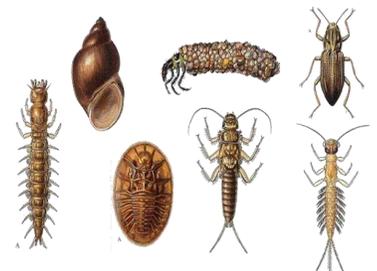
2:30 – 3:30 pm Concurrent Session

1. *Amazing Macroinvertebrates – Life Underwater*

Presenter: Dr. Alyssa Anderson, Associate Professor of Biology, Southwest Minnesota State University

Category: I, II **Room:** A

Macroinvertebrates (mayflies, stoneflies, caddisflies, snails, and many more!) are essential to a healthy aquatic ecosystem. Their presence or absence can provide important information about the health of our lakes, rivers, and streams, and many have incredible adaptations that allow them to thrive in aquatic environments. Want to learn more about the clues these organisms provide about water quality? What allows them to breathe underwater? How some deal with (or take advantage of!) water currents? How some species have adapted to grow and emerge as adult insects in the middle of winter? Come to this session to answer some of these questions and learn more about the amazing macroinvertebrates!



2. *Make Waves from Ripples: Inspire Others to Increase Biodiversity*

Presenter: Carrie Radloff, Wild Ones board member & Northwest Iowa Group of Sierra Club Chair

Category: I, II, III, IV **Room:** B

Amplify your conservation efforts, one plant at a time! Carrie will introduce you to Wild Ones and the Homegrown National Park concept. Then we'll discuss how you can engage, inspire, and empower people to make their own property a haven for biodiversity. We'll also chat about your wins, wishes, and frustrations regarding partnerships and community engagement. Carrie is a Wild Ones board member, chairs the Northwest Iowa Group of Sierra Club, and chaired the Sioux City Environmental Advisory Board. She holds degrees in communications and nonprofit development.

3:30 – 3:40 pm Break & IAN Group Picture (bring snacks to share)

Participants can register online at <https://www.mycountyparks.com/Org-Event/41/Fall-IAN-Woodbury-County-Adventures-Await.aspx>

3:45 – 4:45 pm Concurrent Session

1. *Autism Outdoors (Indoor Session)*

Presenter: Abbie Parker, Naturalist, O'Brien County Conservation Board

Category: II, III **Room:** Room A

It's part of our job to create a safe space for all individuals to enjoy and learn through environmental education opportunities, especially in the outdoors. During this session we will learn about Autism Spectrum Disorder (ASD) and tips and tricks to creating a safe and fun learning experience in an outdoor (or classroom) setting.

2. *A Naturalist's Green Thumb (Indoor Session)*

Presenter: Sarah Davelaar, Naturalist, Sioux County Conservation Board

Category: I, II, III **Room:** Room B

Following the construction of their new building, the Prairie Woods Nature Center, Sioux County Conservation Board began to reclaim the prairie that was disturbed during the build. Through seeds and in-house plug growing, the new landscape and flower beds are now thriving! It is the goal of this presentation to aid you as you plan your own native flower beds, from species selection and arrangements to local seed/plug sources of Iowa and other tips!

4:45 – 4:50 pm Quick Break to Open Room Divider & Prep for IAN Business Meeting

4:50 – 5:45 pm IAN Business Meeting - Meeting Room A & B

6:00 pm – Dinner / *Naturalist Minute To Win It* Fundraiser to Follow

Choose one: Carnivore Lasagna with meat (gluten free pasta); Vegetarian Lasagna (gluten free pasta); or Dairy Free option—Bursting tomato sauce with Italian seasonings over gluten free pasta. All served with salad and garlic breadsticks. Variety of Desserts: brownies, carrot cake & apple crisp. \$18 per person.

Friday, November 5, 2021 - Sessions at Dorothy Pecaut Nature Center

6:30 – 9:30 am Breakfast at hotel or on own

8:30 – 9:30 am General Session

Journey to Antarctica: A Dream I Didn't Know I Had

Presenter: Stacey Snyder, Educator, Waterloo Schools

Category: I, II, III **Room:** A & B

As a child, I was enamored with the yellow rectangle trademark of National Geographic magazine; as a teacher I have come to know this organization for much more than their trademark magazine. Learn about resources available to you through National Geographic as you learn about my dream, I didn't know I had ~ an expedition to Antarctica.



9:30 – 9:45am –Break/Close room dividers

9:45 – 10:45 am – Concurrent Sessions

1. *Breaking the Language Barrier: Rompiendo Paredes*

Presenters: Kari Sandage, Woodbury County Conservation Board & Ashley Hansen, Lakeside Lab

Category: II, III **Room:** A

Teaching non-English speakers can be challenging and sometimes intimidating. During this session, we will discuss strategies to communicate with and teach students who speak a different language. We will focus mainly on communicating with Spanish-speakers and learn basic phrases in Spanish to help you make a connection with these students.

Friday, November 5, 2021 - Sessions at Dorothy Pecaut Nature Center

9:45 – 10:45 am Concurrent Session

2. *Conserving Species in Urban Spaces: How Cities Can Play a Role in Bumblebee Conservation*

Presenter: Stephanie Shepherd, Wildlife Diversity Biologist, Iowa DNR

Category: I, II, III **Room:** B

Conservation has often dismissed or completely overlooked urban spaces, but there are some species for which urban and suburban habitat might mean salvation. The Rusty-patched Bumblebee has been listed as an endangered species and with further survey work has been found to frequently inhabit urban environments. This session will foster discussion about how through environmental education we can start viewing our cities as conservation landscapes and will also provide a foundation for identifying and working with *Bombus* sp.

3. *Community Science Apps to Promote Biodiversity (Outdoors Session)*

Presenter: Stacey Snyder, Educator, Waterloo Schools

Category: I, II, III, V **Room:** Meet on Front Deck

While in the field with groups for short periods of time, try using Seek or iNaturalist to satisfy curiosity, contribute to scientific data that can be used to promote biodiversity, and hook your audience into wanting more. I use this as a starting point to teach how to use keys and field guides to gain more information and to encourage increasing observational skills for species identification.

10:45 – 11:00 am – Break/Open Room Divider

11:00 – 12:00 pm General Session

Adventures in the Hell Creek Formation: A Study of Dinosaurs & Lifelong Learning

Presenter: Patrick Saulsbury, DVM, Siouxland Animal Hospital, Sioux City

Category: I, II, V **Room:** A & B

Isn't every young child's dream to hunt for dinosaurs? Pat Saulsbury is a lifelong learner that's passionate about his Veterinary career and about paleontology. He's spent hours in the field and countless more restoring and preparing many of his finds from the Hell Creek Formation in South Dakota. Pat will share his perspective on biodiversity of life and how important it is to keep perspective on your profession while continuing to explore beyond your career path. Learn more about his adventures in paleontology.

Dr. Patrick Saulsbury established Siouxland Animal Hospital in Sioux City and has been practicing veterinary medicine for 30 years. Dr. Saulsbury is a 1991 graduate of Iowa State University College of Veterinary Medicine. He has spent 20 years as a non-vocational paleontologist.

<https://www.dvm360.com/view/discovering-new-dinosaur-species-dracorex-hogwartsia>

<https://www.childrensmuseum.org/blog/meet-dracorex-hogwartsia-v2>



12:00pm – Lunch/Depart Boxed Sandwiches, chips & cookie \$10 per person

Choose One:

Carnivore Choices: Crunchy Cow: roast beef, cream cheese, dill, cucumber and sprouts on multi-grain baguette;

Godfather: turkey, mozzarella, sprouts, tomato, pesto mayo on a sour dough baguette;

All American: ham, cheddar cheese, mustard, mayo, lettuce, tomato, onion on wheat

Herbivore Choices: Hummus Wrap: hummus, onion, cucumber, carrot, tomato, red cabbage, lettuce on herb tortilla;

Italian Veggie: provolone, tomato, fresh basil, pesto on a sour dough baguette. Gluten free white Bread Option (*Live G Free*)

Professional Development Category

Category I -Knowledge of Natural Resources

Category II -Program Development and Educational Skills

Category III -Communication Skills

Category IV -Administrative Skills

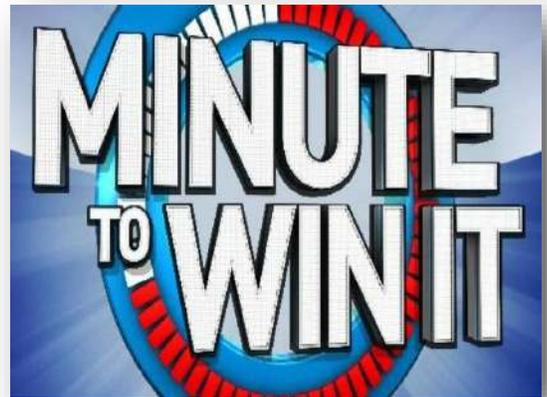
Category V -Other Certification/Training

The Professional Development Program is designed to recognize IAN Naturalists that attend workshops and educational opportunities on a regular basis to make themselves better at their profession. Certificates are awarded annually to naturalists completing the required continuing education.

The first five categories are based on the major areas of the Professional Standards for Interpretive Naturalist as defined by the Iowa Association of Naturalists. Professional Service is the sixth category. The applicant must earn 20 contact hours per year. Ways to earn these hours include attending seminars, correspondence courses, workshops, regular college courses and independent study. Independent study must be documented with a brief written explanation. Applicants should show how the knowledge gained was used in their work and how it relates to the Professional Standards. Each independent study project is worth one hour. A maximum of four hours may be applied to any of the first four categories.

Thursday Night Fundraiser Naturalist Minute To Win It!

Did you know that 45 million gallons of water fall over Niagara Falls every minute? Imagine what else can be done in just 60 seconds. Test your skills and abilities with this year's Nature Minute to Win It Fundraiser at the Fall IAN conference 2021. Participants will have 60 seconds to complete a task in order to earn additional tickets which can be entered in to win a variety of prizes. Not interested in participating? You can still purchase tickets for a chance to win! Come with cash, ready to win! More details to follow soon via the listserv.



Early Registration closes October 18

Standard Member: \$25

Non Member: \$45 (Includes membership with registration)

Membership renewal must be **made in fall**: \$20

Early Registration closes October 18 will be charged a \$25 late fee. Registration will be closed October 22.

Questions????

Brianne Blom - bblom@claycounty.iowa.gov Cell 712-898-9674

Lodging in Sioux City

Stoney Creek Inn, 300 3rd St., Sioux City, IA 51101

This is the link that everyone will use to make their reservation. If they would prefer to call, they will ask for the IAN block. There are 45 2-queen rooms and 15 1-king rooms. The price is \$96/night through the block with a government ID. If people don't book a room by October 3rd, they will have to pay the standard rate (which is around \$119-\$139).

Here is your booking link!

<https://reservations.travelclick.com/109170?groupID=3212472>



*****Book a room by October 3rd! Anything time after you will pay the standard rate!**

*****New legislation requires that all hotel/motel taxes be paid by government agencies**

Alternate Lodging at

Woodbury County Parks has cabins available for rent.

Snyder Bend Park Salix, IA (25 minutes from the Nature Center)

Southwood Conservation Area Smithland, IA (45 minutes from the Nature Center)

<https://www.mycountyparks.com/County/Woodbury/Facility/Search.aspx>



**Don't forget reusable
dinnerware, water
bottle and coffee mug!**

**If you're planning on staying
at Stoney Creek Inn**

**Book a room by October 3rd
to secure the IAN rate!!**

Participants can register online at <https://www.mycountyparks.com/Org-Event/41/Fall-IAN-Woodbury-County-Adventures-Await.aspx>