

# NATIVE ROOTS

To promote the enjoyment & stewardship of natural areas in West Central Indiana!

Vol 14 Issue #2 APR-JUN 2018

## A FAMILY NATURE CELEBRATION-SAT MAY 19<sup>th</sup>

### Mind BOGgling Event

10am-3pm at Celery Bog Nature Area (1620 Lindberg Rd, W. Laf.)  
This fun event will include a live native animal presentation, live bee hive, hikes, nature activities, and music by local SAMI musicians.  
Food Truck selling lunch items from 11am-1:30pm.

FOR INFO/Schedule: Dan Dunten [ddunten@wl.in.gov](mailto:ddunten@wl.in.gov) 765-775-5172

## UPCOMING PROGRAMS

### West Central Chapter of INPAWS - Indiana Native Plant & Wildflower Society

WC-INPAWS PROGRAM Meetings—fourth Mondays at 7pm  
at Lilly Nature Center in Celery Bog Nature Area, West Lafayette  
Dinner with the speaker is at 6pm at the MCL Cafeteria-West Lafayette  
~ open to the public ~

**MON APR 23 Collaborative Efforts to Combat Invasive Species**  
Amy Slaughterbeck, Regional Specialist with Southern Indiana Cooperative Invasives Management (SICIM), will discuss these grassroots groups known as Cooperative Invasive Species Management Areas (CISMAs). There has been interest in Tippecanoe County to form a local CISMA, and Amber will be available to provide guidance in this process.

**NO REGULAR PROGRAM MEETINGS IN MAY, JUNE & JULY**  
PgmChair: Susan Ulrich 765-583-2275 [sueandtedulrich@msn.com](mailto:sueandtedulrich@msn.com)

### WILDFLOWER WALKS

**SAT APR 14<sup>th</sup> 1pm Atherton Island Natural Area (AINA) – Parke Co.**  
Hike led by James Nardi. [RSVP Evan Boyer e.boyer13@yahoo.com](mailto:RSVP_Evan_Boyer_e.boyer13@yahoo.com)

**SAT MAY 12<sup>th</sup> 1pm CDT “A YEAR OF GRACE - Part I” – Newton Co.**  
Join Mary Kay Emmrich & Friends of Kankakee Sands on this first of 3 hikes at the Grace Teninga Discovery Trail. Meet at parking lot on CR 600N, a half-mile east of CR 600N / 200W intersection in Lake Village. [MORE INFO: Jeanette Jaskula jmjaskula@yahoo.com](mailto:MORE INFO: Jeanette Jaskula jmjaskula@yahoo.com)

### DNR Div of Nature Preserves Co-Sponsors HIKES

Times are correctly listed as EDT ~ Limited space so REG early \*\*

**SAT MAY 12 10am-noon Calli (with County Community Fndtn)– Jennings Co**  
Led by Jason Larson [jl Larson@dnr.in.gov](mailto:jl Larson@dnr.in.gov)

**WED MAY 16 5:30-7:30pm Scout Ridge (with INPAWS) – Monroe County**  
Led by Roger Hedge [rhdedge@dnr.in.gov](mailto:rhdedge@dnr.in.gov)

**SAT JUN 2 10am-noon EDT Twin Swamps (with INPAWS) – Posey County**  
Led by Mike Homoya [mhomoya@dnr.in.gov](mailto:mhomoya@dnr.in.gov)

**SUN JUN 3 10am-noon Sweedy Hollow (with INPAWS) – Monroe County**  
Led by Tom Swinford [tswinford@dnr.in.gov](mailto:tswinford@dnr.in.gov)

\*\* FREE but REG req'd – DETAILS: [www.in.gov/dnr/naturepreserve](http://www.in.gov/dnr/naturepreserve)

## The LATEST BUZZ on BEEKEEPING

### WEST CENTRAL INDIANA BEEKEEPER Meetings/Events

**SAT APR 21 9am-noon PGM TBA** - at Trinity United Methodist Church  
(on the southwest corner of 6<sup>th</sup> & North Streets in Lafayette)

**SAT APR 28 9am-3pm Volunteers Needed for Garden Expo table**  
If you can help, let Doug Jones know: [dwj762@aol.com](mailto:dwj762@aol.com)

**SAT MAY 19 9am-noon West Central Club's Field Day at Purdue**  
led by Krispn Given at Purdue Bee Lab (GPS 2255 SR 26, West Laf)  
[INFO: Patty Jones WestCentralIndianaBeekeepers@gmail.com](mailto:INFO: Patty Jones WestCentralIndianaBeekeepers@gmail.com)

### The BEEKEEPERS of INDIANA (TBol)

**SAT JUN 16 9am-4pm TBol's Field Day-Purdue Bee Lab 2255 SR 26**  
7:30am Pre-Reg Folder Pick-Up ~ 8-9am On-site Reg/Social Hour  
Members want more time to spend in the hives, so no plans for a guest speaker this year. Beginning track includes a session to teach newbies how to inspect a hive. See website for full agenda.

For Details/TO PRE-REG: [www.indianabeekeeper.com](http://www.indianabeekeeper.com)

\$25/adult TBol memb (\$35/adult non-memb), \$15/child

[INFO: Debbie Seib 317-432-9578, beekeepers.indiana@yahoo.com](mailto:INFO: Debbie Seib 317-432-9578, beekeepers.indiana@yahoo.com)

## SYCAMORE AUDUBON SOCIETY (SAS)

[www.sycamoreaudubon.org](http://www.sycamoreaudubon.org)

**SAS PROGRAM Meetings**—second Thursdays at 7:15pm  
at Lilly Nature Center in Celery Bog Nature Area, West Lafayette  
Dinner with the speaker is at 6pm in the MCL Cafeteria-West Lafayette  
~ open to the public ~

### THU APR 12 “Using Genetics for Conservation”

Nadia Fernandez, Purdue FNR graduate student is using natural shed feathers for genetics studies. She'll discuss a study of White-tailed Sea Eagles she worked on to estimate population size, natal philopatry, and roosting behavior, plus her current work on Golden Eagles in California.

### THU MAY 10 TBA (plus BIG DAY in MAY sign-up)

**NO REGULAR PROGRAM MEETINGS IN MAY, JULY & AUGUST**  
Info: Susan Ulrich 765-583-2275 [sueandtedulrich@msn.com](mailto:sueandtedulrich@msn.com)

### SAS FIELD TRIPS/HIKES

**Barny Dunning 765-412-8760c, 494-3565w, [jdunning@purdue.edu](mailto:jdunning@purdue.edu)**

**SUN APR 22 Audubon at the Overlook at Prophetstown State Park**  
6:30-8:30pm Watch the evening flight of birds from the overlook  
(reached from the paved trail leading from last parking lot in the park).

**SAT MAY 5 “Big Day in May” Practice at Prophetstown State Park**  
7:30-9:30am Group will be at the dam bordering the large pond (which is accessible from the last parking lot on the main road into the park).

### SAT MAY 12 Indiana's Big Day in May event

Groups and individuals will spread out over the county counting birds for as long as they can, then gather for a compilation party that evening. For details, contact Barny or attend May 10<sup>th</sup> meeting for territory and forms.

**SAT JUN 9 Kankakee Sands Birding & Bison Viewing (Newton Co.)**  
6:30am Meet in Celery Bog gravel parking lot to carpool to KS and look for area's specialty birds (like Lark Sparrow, Bell's Vireo, Blue Grosbeak) and wetland birds. 11am EDT: View bison with TNC docent Barb Lucas.

**THURSDAY EARLY BIRD HIKES (every Thurs thru spring migration)**  
Meet at 8:00am in gravel parking lot at Celery Bog (~1 hour walk).

### INDIANA DUNES BIRDING FESTIVAL THU-SUN MAY 17-20

(SAT MAY 19<sup>th</sup> – “Youth & Family Birding Day” – FREE/no reg req)  
PLUS PRE-FEST EVENTS WED MAY 16

which includes “Wes Homoya's Big Day of Birding!” 6am-4pm CDT  
[Complete Festival Schedule/TO REG: indunesbirdingfestival.com](http://Complete Festival Schedule/TO REG: indunesbirdingfestival.com)

### ENVIRONMENTAL ISSUES

**THU APR 12 7pm Hot Times: Reports from Front Lines of Climate Fight**  
Talk by Bill McKibben in Fowler Hall, Purdue Univ. Discussion follows.

**SAT APR 28 10am-2pm Carroll & Tippecanoe County CAFO Workshop**  
at Wabash & Erie Canal Interp Center (1030 W Washington St, Delphi)

Learn about Concentrated Animal Feeding Operations (CAFOs) in this presentation by Kim Ferraro, Hoosier Envir. Council's Dir of Agric Policy.  
[RSVP: www.hecweb.org/event](mailto:RSVP: www.hecweb.org/event) or [Michael Popa mpopa@hecweb.org](mailto:Michael Popa mpopa@hecweb.org)

### NATIVE PLANTS sold here...

**Tippecanoe SWCD Spring Plant Sale**—wildflowers/sedges/grasses/mixes  
Order by APR 13<sup>th</sup> \*\* for pick-up FRI APR 20<sup>th</sup> 5-8pm or SAT APR 21<sup>st</sup> at  
PUBLIC PLANT SALE: SAT APR 21<sup>st</sup> 9am-3pm Tipp Co Fairgrounds, Laf  
\*\* Plant list/photos/order form: [www.tippecanoe-county-swcd.org](http://www.tippecanoe-county-swcd.org)

**GARDEN EXPO 2018:** SAT APR 28<sup>th</sup> 9am-3pm Plants, lectures, & more!  
At Tippecanoe County Fairgrounds – on Teal Rd in Lafayette.

MORE INFO: [tippecanoe-mastergardener.org/garden-expo-2018](http://tippecanoe-mastergardener.org/garden-expo-2018)

**Native Plants Unlimited:** MAY 4<sup>th</sup> thru MAY 20<sup>th</sup> PLANT SALE DAYS

at Geist Nursery – 9890 Mollenkopf Road, Fishers, IN

Sale hours/directions: [www.nativeplantsunlimited.com](http://www.nativeplantsunlimited.com)

MORE INFO: 317-607-7343 or [george@nativeplantsunlimited.com](mailto:george@nativeplantsunlimited.com)

**Gibson Woods Native Plant Sale** – SAT MAY 5<sup>th</sup> 9am-2pm CDT

6201 Parrish Ave, Hammond—Arrive early for best selection—**cash/check!**

For plant list: [gw-wildones.org](http://gw-wildones.org) MORE INFO: [Joy Bower 219-844-3188](tel:Joy Bower 219-844-3188)

**INPAWS Native Plant Sale & Auction** – SAT MAY 12<sup>th</sup> 9:30am-12:30pm

Park Tudor School Upper Gym – 7200 N College, Indy 71<sup>st</sup> St Entrance

MORE INFO: [www.inpaws.org/gatherings](http://www.inpaws.org/gatherings) or [plantsale@inpaws.org](mailto:plantsale@inpaws.org)

**Friends of the Sands Native Plant Sale** – SAT MAY 12<sup>th</sup> 9am-4pm CDT

Kankakee Sands Office – 3294 N US 41, Morocco, IN

MORE INFO: [Alyssa Nyberg anyberg@tnc.org](mailto:Alyssa Nyberg anyberg@tnc.org) or 219-866-1706

## UPCOMING PROGRAMS (cont'd)

APR-JUN WEDNESDAYS in the WILD programs in separate flyer  
AND on p. 3 of electronic version of this issue of Native Roots

### NATURE PROGRAMS FOR KIDS

**JUNIOR NATURE CLUB (JNC)** meets at Lilly Nature Center in Celery Bog Nature Area—1620 Lindberg Rd, West Lafayette  
*Hands-on lessons, hikes (weather permitting), games, crafts & treats!*  
**2017-2018 school yr: Pre-K thru 8<sup>th</sup> Graders—no membership fees**  
Each class meets once every three weeks as follows:

**PK – K** grades meet Tuesdays from 4:30pm to 5:30pm  
**DATES:** MAR 27, APR 17, MAY 8, JUN 5, JUN 26  
**1<sup>st</sup> – 2<sup>nd</sup>** grades meet Tuesdays from 6pm to 7pm  
**DATES:** MAR 27, APR 17, MAY 8, JUN 5, JUN 26  
**3<sup>rd</sup> – 5<sup>th</sup>** grades meet Tuesdays from 6pm to 7:30pm  
**DATES:** APR 3, APR 24, MAY 15, JUN 12, JUL 10  
**6<sup>th</sup> – 8<sup>th</sup>** grades meet Tuesdays from 6pm to 8pm:  
**DATES:** APR 10, MAY 1, MAY 22, JUN 19, JUL 17  
**TOPICS:** *Food from our Farmer Friends (Local Food), Let's Get Froggy, Pirates of the Bog (Annual Treasure Hunt), Dirty Dirt or Splendid Soil?, The Art of Nature*  
For complete JNC schedule thru AUG 28<sup>th</sup>  
plus lots more info: [www.hands-future.org](http://www.hands-future.org)  
Sponsored by Sycamore Audubon Society & Hands of the Future  
For MORE INFO, contact: Ms. Zonda (Bryant) 765-366-9126

### NICHES hosts 3 SUMMER DAY CAMPS ~ Ages 11-14

**JUL 9-13** 8:30am-4:30pm Eco Week (ecology & nature)  
**JUL 16-20** 8:30am-4:30pm Active Week (explore Indiana's natural world: paddling WildcatCreek, hiking, rock climbing)  
**JUL 23-27** 8:30am-4:30pm Art Week (art in nature: creating crafts, visiting artists in Downtown Lafayette)  
**CAMP FEE \$150/camper**

\* **DETAILS/Register on-line:** [www.nicheslandtrust.org/#calendar](http://www.nicheslandtrust.org/#calendar)  
**QUESTIONS:** 765-423-1605 or [niches@nicheslandtrust.org](mailto:niches@nicheslandtrust.org)

### FAMILY FRIENDLY NATURE EVENTS

**FRI APR 20<sup>th</sup>** 6-7:30pm **Cookout Howl Night at Wolf Park**  
at 4004 E 800 N, Battle Ground (\$10 adults, \$8 kids)  
Arrive 6pm to roast hotdogs (& veggie dogs) over a campfire; hear stories about Wolf Park through the years, then join 7:30 Howl Night!  
**COST/HOURS/Programs:** 765-567-2265 or [www.wolfpark.org](http://www.wolfpark.org)  
**SAT JUN 9<sup>th</sup>** 10am-4pm **Outdoor Explore!** All ages community event.  
*Come learn about and experience 30 different outdoor activities!*  
Two different venues will feature free activities all day:  
Tippecanoe County Amphitheater and Bicentennial Nature Area.  
Bring cash for climbing wall and for food purchases.  
**INFO: Mary Cutler 765-567-2993, Chris Remley 765-474-9992, Ext. 3**

### WABASH RIVER EVENTS

#### NEW K-12 EDUCATOR WORKSHOP – THUR JUN 28 (all day)

**"On the Banks of the Wabash:  
Connecting Your Classroom to our State River"**  
Participating educators will raft down the Wabash River in the morning, then delve into curricular standards-based river connections in aft.  
**Minimal fee possible. Space is limited so register early.**  
**MORE INFO/REG: Mary Cutler 765-567-2993 or [mcut@msn.com](mailto:mcut@msn.com)**

#### New Educational Initiative: RIVER SCHOOL – FRI JUN 29 (half day)

*Experience the Wabash in a whole new way, while rafting with natural resource professionals to learn about its human and natural history.*  
**Space is limited so register early.**  
**MORE INFO/REG: Chris Remley 765-474-9992, Ext. 3**

### VOLUNTEERS NEEDED\*\*

**FRI APR 13** 2:30-5pm **WABASH RIVER SAMPLING BLITZ**  
*No prior experience or equipment required! All ages will have a fun day sampling streams & learning about our local waterways!*  
**Volunteer here:** [www.wabashriver.net/blitz-registration](http://www.wabashriver.net/blitz-registration)  
**SAT APR 28** 9am-1pm **DeTrash the Wabash**—Meet Tapawingo Pk, WL  
*Everyone is welcome to come help remove trash from our river!*  
*Gloves and bags for trash collection provided. Wear long sleeves & pants and sturdy shoes. Bring your own refillable water bottle. Event ends with a celebratory pizza party!*  
**Volunteer here:** [www.wabashriver.net/detrash](http://www.wabashriver.net/detrash)  
**\*\*QUESTIONS? [slambert@wabashriver.net](mailto:slambert@wabashriver.net)**

## STEWARDSHIP OPPORTUNITIES

### HELP PROTECT OUR NATIVE PLANTS

**Join RIP Squad Volunteers—PULL GARLIC MUSTARD!!!**  
**The INPAWS RIP (Remove Invasive Plant) Squad**  
**SPRING 2018 Workdays**

~ 3-5pm on Tues, **Wed\*\***, & Thur afternoons in parks and nature areas ~  
*Weeding bags will be provided, but bring gloves & dress for poison ivy!*

#### TUESDAYS 3-5pm

##### West Lafayette Parks

**Apr 3** Michaud-Sinninger N. A.  
**Apr 10** Happy Hollow Park  
**Apr 17** Celery Bog Nature Area  
**Apr 24** Michaud-Sinninger N. A.  
**May 1** Happy Hollow Park  
**May 8** Celery Bog Nature Area.  
**May 15** Michaud-Sinninger N. A.  
**May 22** Happy Hollow Park  
**May 29** Celery Bog Nature Area

#### THURSDAYS 3-5pm

##### Tippecanoe County Parks

**Apr 5** Prophet's Rock Woods  
**Apr 12** Ross Hills Park  
**Apr 19** Prophet's Rock Woods  
**Apr 26** Ross Hills Park  
**May 3** Prophet's Rock Woods  
**May 10** Ross Hills Park  
**May 17** Prophet's Rock Woods  
**May 24** Ross Hills Park  
**May 31** Prophet's Rock Woods

For meeting locations and **\*\*WED schedule**, contact: **Patty Jones at [removeinvasiveplants.wcinpaws@gmail.com](mailto:removeinvasiveplants.wcinpaws@gmail.com)** or 765-463-3050

**Sponsored by:** West Central Chapter of INPAWS and Sycamore Audubon Society in cooperation with the WL & TIPP CO Park Depts

### NICHES Land Trust - Helping Ecosystems Survive!

**Website:** [www.nicheslandtrust.org](http://www.nicheslandtrust.org) ~ **Office:** 765-423-1605

NICHES Office – Clegg Garden: 1782 N 400 E, Lafayette

### NICHES VOLUNTEER WORKDAYS

**Info/reserve boat:** [gnyberg@nicheslandtrust.org](mailto:gnyberg@nicheslandtrust.org) or 765-423-1605

**1<sup>st</sup> & 3<sup>rd</sup> Tuesday Workdays:** 9:30am-noon at Clegg Garden

Arrive at 9:30am to join a NICHES Staff Member for coffee/tea, talk and planning the morning's tasks related to ongoing care of Clegg Garden.

**SAT APR 21<sup>st</sup>** 9am-1pm **Bachner Nature Reserve** in Montgomery Co.

Help with Sugar Creek Access Point Cleanup & Garlic Mustard Pull at Offield Monument Rd, Crawfordsville 47933. See website for details.

**SAT MAY 5<sup>th</sup>** 10am **Big Pine Creek Cleanup** (email Gus to reserve boat)  
Meet 10am at 518 E. Hagback Hill, Williamsport.

### NICHES EVENTS/OUTINGS\*\*

**More Events/Exciting Details** at [www.nicheslandtrust.org/#calendar](http://www.nicheslandtrust.org/#calendar)

**TUE APR 3<sup>rd</sup> & MAY 1<sup>st</sup>** 5-6pm **Wildflower Walks** at Clegg Garden

Join Gus and learn about Indiana native wildflowers and plants.

**SAT APR 14<sup>th</sup>** 7pm-10pm **Woodcock Walk at Holley Savanna**

Meet 7pm at Kankakee Sands Seed Barn: 417W 600N, Lake Village  
**INFO** (on this Newton Co walk): [Gus Nyberg nyberggus@gmail.com](mailto:GusNyberg.nyberggus@gmail.com)

**SUN APR 15<sup>th</sup>** 2pm **NICHES Book Club** at Clegg Garden

to discuss *The Big Burn: Teddy Roosevelt & the Fire that Saved America*  
**SUN APR 22<sup>nd</sup>** 4-6pm **NICHES Annual Meeting** at Wabash & Erie Canal Interpretive Center – 1030 W Washington St, Delphi

**SAT MAY 26<sup>th</sup>** 10am-1pm **NICHES FAMILY DAY** at Clegg Garden

Hike the trails & work with staff members to complete pages in the NICHES Junior Ranger workbooks for Junior Ranger pins & certificates!

**THU JUN 7<sup>th</sup>** **Summer Float on Wildcat Creek** (reserve boat with Nyssa)

Meet 4:30 pm at Peter's Mill Landing OR 5pm at Wildcat Creek Park.  
**INFO: Nyssa Lilovich 765-423-1605 or [nyssa@nicheslandtrust.org](mailto:nyssa@nicheslandtrust.org)**

**SAT JUN 16<sup>th</sup>** 10am-2pm **Hike With Your Hound** at Clegg Garden

Hike the trails with your furry best friend & visit with other outdoor-loving dogs & owners. No dog? Visit with some adoptable pups from *Loving Heart Animal Shelter*; talk to staff about getting a new family member!

**\*\*More hikes** in Wednesdays in the Wild flyer & p.3 e-Native Roots.

### TNC KANKAKEE SANDS – 2<sup>nd</sup> Saturday VOLUNTEER WORKDAYS

**APR 14<sup>th</sup>** 9am-noon **CDT Transplanting Seedlings** in Greenhouse at Kankakee Sands Nursery: 1492 W CR 250 N, Morocco

**MAY 12<sup>th</sup>** 9am-noon **CDT Planting Milkweeds** along new Milkweed Trail to open later this year! Meet at KS Office 3294 N US 41, Morocco 47963

**All ages & abilities welcome.**

**RSVP/INFO Alyssa Nyberg [nyberg@tnc.org](mailto:nyberg@tnc.org) or 219-866-1706**

**JUN 9, JUL 14, AUG 11** 9am-noon **CDT Removing Invasives**

**RSVP/INFO Tony Capizzo [acapizzo@tnc.org](mailto:acapizzo@tnc.org)**

### Why this newsletter?

If you're like me, you'd like to have all your nature news in one place—so you don't miss out on some interesting natural history programs or stewardship opportunities. That's my intent here.

**Submissions for JUL-AUG issue need to reach me by JUN 20<sup>th</sup>.**

Please send your info to [mohrsamuels@comcast.net](mailto:mohrsamuels@comcast.net)  
or call (765) 567-7023 **Joan Mohr Samuel**, Editor



## "WEDNESDAYS in the WILD"

Natural History Talks/Workshops/Field Trips 1-3p.m. or As Noted (times are all Eastern time)

Like us on Facebook at Wednesdays in the Wild

APRIL – JUNE 2018

- Apr 4<sup>th</sup> 1-3pm Deer Creek Area Exploration Walk** ----- **Carpool 12:30 from WNC-Battle Ground** ----- **outdoor pgm—DELPHI**  
**Dan McCain (local Delphi historian)** will lead a carpool to Deer Creek Bicentennial Park, High Bridge and NICHES Gerard Reserve, as time allows; other sites may be explored based on hiker preferences. Enjoy the beauty and history of these unique Delphi locations!
- Apr 11<sup>th</sup> 1-3pm Biodiversity at the Bog: An Armchair Trail Walk** ----- **indoor pgm—LNC**  
**Dr. Sam Postlethwait (Purdue University professor emeritus of botany)** will share his photographic and educational skills by presenting a DVD he developed to showcase the progression of life along the Celery Bog Nature Area trails from March - June. Come see images of the many plants and animals that call Celery Bog "home"!
- Apr 18<sup>th</sup> 1-3pm Spring at Shawnee Bottoms** ----- **Carpool leaves LNC at noon** ----- **outdoor pgm—NICHES/SB**  
Join **Susan Ulrich (avid birder and naturalist)** on a hike through this NICHES nature preserve in Fountain Co., observing wildflowers, birds, fungi and other spring surprises along the way. Bring binoculars and cameras.
- Apr 25<sup>th</sup> 1-3pm The Role of Research in Understanding Forest Secrets** ----- **outdoor pgm—MARTELL**  
**Brian Beheler (Martell Forest Property Manager)** will host this fascinating tour of research sites in a local forest; Purdue researchers will describe projects on American Chestnut breeding, saw-whet owl banding, conversion of forest stands from pine to hardwood species, and white oak regeneration successes. A people mover will drive us to the sites; some easy hiking will take place during the program.
- May 2<sup>nd</sup> 1-3pm Hunting Woolly Mammoths: The Role of the Atlatl** -**Carpool 12:30 WNC-Battle Ground** - **indoor/outdoor pgm—DPL**  
The atlatl and the spear it propelled was a bridge between throwing a spear by hand and the bow and arrow. **Anita & Frank Lukes (World Atlatl Assoc. Members)** will share the ancient and modern use of the atlatl in the U.S. and around the world. Weather permitting, you'll see the atlatl used and can try it yourself.
- May 9<sup>th</sup> 1-3pm Planting for Pollinators & Photography** ----- **indoor/outdoor pgm—LNC**  
**Dr. Dan Shepardson (Purdue Depts. of Earth, Atmospheric & Planetary Sciences/Dept. of Curriculum & Instruction)** will discuss planting native and other non-invasive species to support pollinators, providing a natural backyard habitat to photograph nature. Photographic techniques will be shared; bring camera to practice around the nature center.
- May 16<sup>th</sup> 1-3pm Exploration of Crow's Grove** ----- **Carpool leaves LNC at noon** ----- **outdoor pgm—NICHES/CG**  
**Gus Nyberg (NICHES Executive Director)** will lead this hike through a restoration of oak and pine woods at this Warren Co. NICHES preserve, and explore the cool of the sandstone canyon along a tributary of the Big Pine Creek Valley.
- May 23<sup>rd</sup> 1-3pm Wild Edibles at Moyer-Gould Woods** - **Carpool 12:30 from WNC-Battle Ground** -- **outdoor pgm—NICHES/MGW**  
Walk the trails at this Carroll Co. NICHES preserve with **Gus Nyberg (NICHES Executive Director)** and bring your taste buds as we explore the wild edibles of our local woods.
- May 30<sup>th</sup> 1-3pm Spiders Within the Hardwood Ecosystem Experiment (HEE)** ----- **indoor/outdoor pgm—LNC**  
**Dr. Marc Milne (Asst. Professor of Biology, Univ. of Indianapolis)** and his undergraduate students will share their research methods and findings after three years studying spiders as part of the HEE Project (a 100 year study of Indiana's forests through time). New spiders discovered in Indiana will be highlighted and time will be spent at the end of the program searching for local spiders in the vicinity of the nature center.
- Jun 6<sup>th</sup> 1-3pm Prairie Wildflowers Virtual Hike** ----- **Carpool 12:30 from WNC-Battle Ground** ----- **indoor pgm—DPL**  
**Angie Manuel (IDNR Chief of Interpretation)** will showcase the beauty of prairie wildflowers and also share their uses for medicine, utility, dyes and more. A great way to learn about local flowering plants before heading out for summer hiking!
- Jun 13<sup>th</sup> 1-3pm A Bird in the Hand: Using Mist Nets to Capture Birds** ----- **outdoor pgm—WNC**  
Join **Dr. Mickey & Sally Weeks (Purdue University, Retired)** as they share the scientific practice of mist-netting: capturing and banding birds to study. Birds will be caught at this program in nets and participants will be allowed to ID and hold the birds, if desired!
- Jun 20<sup>th</sup> 1-3pm Kankakee Sands: A Restoration of Land and Lifeforms** ----- **indoor pgm—LNC**  
**Barb Lucas (avid photographer & naturalist)** will share the 20 year history of this Nature Conservancy project: an 8,000 acre prairie in Newton Co., with a special focus on the introduced bison herd and on prairie birds found at the preserve.
- Jun 27<sup>th</sup> 1-3pm Bison, Birds & Blooms on the Prairie** ----- **Carpool leaves LNC at noon** ----- **outdoor pgm—KS**  
**Alyssa Nyberg (Kankakee Sands Nursery Mgr) & Barb Lucas (avid photographer & naturalist)** will lead a carpool to special areas of Kankakee Sands to see the bison herd, blooming wildflowers and summer birds. Dress for walking on level trails in full sun.

LOCATIONS of these FREE PROGRAMS (unless otherwise noted) that are OPEN TO THE PUBLIC

**NOTE: Carpool leaves from either LNC (West Lafayette) or WNC (Battle Ground) - please don't confuse!**

**DELPHI (Canal Park):** Meet 1pm at the Canal Center in Canal Park (1030 W. Washington St, 46923) ~ from Court House, take Washington St north for 11 blocks to the entrance to Canal Park **OR** join 12:30pm **carpool** from WNC in Battle Ground.

**DPL (Delphi Public Library):** Meet 1pm at the library: 222 E Main St, Delphi, IN 46923 **OR** join 12:30pm **carpool** from WNC.

**KS (Kankakee Sands Office):** Meet at 1pm in office parking lot at 3294 N US 41, Morocco **OR** join 12 noon **carpool** from LNC.

**LNC (Lilly Nature Center/Celery Bog Nature Area):** In West Lafayette at 1620 Lindberg Rd, on north side between Northwestern and McCormick.

**MARTELL (Purdue FNR's Martell Forest):** Meet 1pm in parking lot of Wright Forestry Center at 1007 CR 725 W in West Lafayette.

**NICHES/CG (Crow's Grove):** Meet at 1pm in property parking lot (directions at [www.nicheslandtrust.org](http://www.nicheslandtrust.org)) **OR** join 12 noon **carpool** from LNC.

**NICHES/MGW (Moyer-Gould Woods):** Meet at 1pm in property parking lot (directions at [www.nicheslandtrust.org](http://www.nicheslandtrust.org)) **OR** 12:30pm **carpool** from WNC.

**NICHES/SB (Shawnee Bottoms):** Meet at 1pm in property parking lot (directions at [www.nicheslandtrust.org](http://www.nicheslandtrust.org)) **OR** join 12 noon **carpool** from LNC.

**WNC (Wah-ba-shik-a Nature Center):** In Battle Ground, at the end of the Battlefield Monument parking lot off N. 9<sup>th</sup> St in Tippecanoe Battlefield Park.

**FOR MORE INFORMATION or TO HELP WITH PLANNING, contact:**

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**SPONSORED BY**

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Dan Dunten, Lilly Nature Center Director, West Lafayette Parks & Rec Dept. — West Central Chapter of INPAWS