



The Antenna

News and Information from the Illinois Butterfly Monitoring Network

Take Time to Read...

Dragonflies of the North Woods by Kurt Mead
Published by Kollath-Stensaas Publishibg
\$18.95 list (Amazon.com \$12.89) ISBN 0-9673793-6-9

IBMN monitor Marla Garrison tipped Mel Manner off to this guide. It's a wonderful field guide for those of us learning the dragonflies. Alas, like many guides, it does not cover the damselflies, although it briefly describes a few. The photos are absolutely superb for showing the diagnostic characteristics with arrows pointing right at them. Each photo has a bar included to show actually body length. Most species have females and juveniles shown as well.

Even without the unsurpassed photography, the beginning text would be worth the price. The Dragonfly Biology 101 and the Thorax Comparisons are very helpful for novices. All guides include anatomy, but this guide takes it one step further, first showing you in drawings, then showing you with arrows in photographs. Very well done.

The range covered is for northern Wisconsin, the Michigan Upper Peninsula, northeast Minnesota, and into Ontario. However, people in northern Illinois will be perfectly satisfied with that. People in the lower part of the state could possibly find a few species that are not covered. Mel Manner doesn't know dragonflies well enough to be sure. However, all common species, and most other species, seem to be covered. And again, for a beginner, the descriptions and aids in learning identification are well worth it, even if you end up buying a supplemental guide later. After all, how many of us own only one butterfly field guide?

Electronic Data Handling is Finally Here!

We have been touting Jim's electronic on-line form for entering data as a miracle, but even we had no idea how useful it would prove to be. It is so quick to use, that Mel uses it to enter data from the few people who don't have computers and mail in their data. (We are still quite happy to receive it, even on paper!) Once data is submitted, it goes into a log Jim created. This log was a simple by-product to help us track who had submitted data and for what days. But it has had far-reaching benefits. By downloading this log, Doug is then able to directly import all the year's data in one chunk into the master database. He has then gone several steps further and created electronic versions of our annual reports and the annual site summary and species summary. This is then able to download right into Excel. Excel is a spreadsheet program widely used by just about everybody, and imports into just about any database program. So now, we can send out all our annual reports to landowners, forest preserve districts, permitting agencies, researchers, and anyone else who need copies of the data. In the past, this has meant printing out each field form on a piece of paper and then mailing it to whoever requested it. With several agencies needing the same data, plus all the regular reports we file, this would have added up to about 2000 sheets of paper for 2004 that Mel would have had to handle. Instead, she has been able to take Doug's reports and email everyone. What a tremendous time-saver, not to mention tree-saver!

Thanks Jim and Doug for a fantastic job! We will continue to reap the benefits for many years to come.

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**Annual Indoor
Workshop
March 5th, 2005**

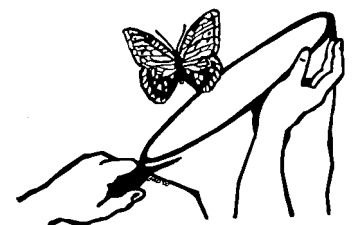
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March Indoor Workshop 2005

The 15th annual workshop is on March 5th at the Gail Borden Public Library in Elgin. This is the main meeting of the year for the IBMN, so we strongly urge all monitors and new members to attend. As usual, we have an exciting keynote speaker, several IBMN awards to give out, breakout training sessions, and plenty of time for meeting other monitors. We will provide donuts and drinks, and vending machines are available, but please bring a sack lunch.

We have a very special keynote speaker coming. Paul Labus is the Southern Lake Michigan Project Director for the Indiana Chapter of The Nature Conservancy. He will be talking about their Karner Blue Butterfly habitat restoration and re-introduction efforts. IBMN Director Doug Taron is thrilled to have him speaking, as Doug hopes to follow in their footsteps in the future and do some Karner Blue re-introduction in Illinois. Indiana is also hoping to establish their own IBMN in the future. We look forward to a long and fruitful relationship with Paul and his staff.

The beginners session topic is Taxonomy. We will cover how learning the family characteristics can be applied to identifying unknown butterflies. This talk is designed for people who are new to identifying butterflies or having trouble with identification in the field. The advanced session topic is "Making More Sense of the Skippers." This takes up where "Making Sense of the Skippers" left off. We will learn field marks of less widespread, less common, and less easily classified folded-winged skippers. This talk is designed for more experienced monitors who are working on skipper identification.

Registration is Required! To register, call Mel Manner at 847-464-4426 or e-mail her at ibmn@sbcglobal.net.

Directions: The Gail Borden Public Library is located at 270 North Grove Avenue in downtown Elgin at the northwest corner of Grove and Kimball. Take either I-90 (from the north) or Route 20 (from the south) to Route 31. It runs along the west side of the Fox River. Take Route 31 into downtown Elgin to Kimball Ave. Turn east and cross the river. Turn left at the first stop light, then left again to enter the library parking lot. Park on the north side of the building, not in front. Walk around to the east side main entrance. Bear left as you enter to find the meeting rooms.

11th Annual IBMN Workshop Agenda

- 9:30 Sign-in
- 10:00 Opening Announcements and Awards
- 10:45 Guest Speaker - Paul Labus, Karner Blue Butterfly
- 11:45 Lunch Break - Bring a sack lunch!
- 12:45 Breakout Sessions (See descriptions above.)
 - Beginners: Taxonomy - Mel Manner
 - Advanced: Making More Sense of the Skippers - Doug Taron
- 1:45 Question and Answer with Doug and Mel
- 2:30 Wrap-up

Regional Training Workshops: Register with Mel Manner at 847-464-4426 or ibmn@sbcglobal.net.

Beginner's Training Workshop - Strongly recommended for new monitors. This workshop is being presented three times this year.

The workshop is broken into two parts. Part One is an orientation covering all the details on how to monitor. Part Two teaches how to look at butterflies for identification and goes over the markings of 25 common species. It will run 2 to 2 1/2 hours.

Session One: Presented by Tom Peterson - Saturday, April 9th, 10 AM. Fermilab, near West Chicago, 1 North, Wilson Hall. Take the Pine Street entrance from Kirk Road to the four-way stop, turn right to Wilson Hall, the main, tall building. Go in the front entrance. 1 North is on the right-hand side on the first floor.

Session Two: Presented by Mel Manner - Wednesday, April 13th, 6:30 PM. McHenry Community College, 8900 U.S. Highway 14 in Crystal Lake. Building B, Faculty/Staff Dining Room, next to the cafeteria, and near the information/switchboard desk.

Session Three: Presented by Mel Manner - Saturday, April 23rd, 1 PM. Ryerson Woods, near Deerfield, on Riverwoods Road, one and one-half miles south of Half Day Road (Route 22) and two miles north of Deerfield Road, just west of the I-94 Tollway.

Intermediate's Training Workshop - Recommended for monitors with some identification experience.

The workshop is broken into two parts. Part One is "Improving your Data" and data entry methods. Part Two is the identification marks of 32 species of butterflies. Several Beginner's Checklist species were used as springboards to groups of related species. Some species of swallowtails, sulphurs, coppers, hairstreaks, checkerspots, fritillaries, and skippers will be covered.

Session One: Only Session in 2005 - Presented by Mel Manner - Saturday, May 7th, 12:30 PM. Fermilab, near West Chicago, Lederman Science Education Center. Enter the West entrance at Pine Street off of Kirk Rd, go to the first building.

Annual Summary Reports

The annual summary reports for 2004 are the Species Summary Report which lists all of the species seen in the network, and the Site Summary Report which lists all of the sites reporting data in the network. The Species Summary Report also lists the high counts for each species. A high count is the largest number of that species seen on a site in one season. For example, if you saw 3 monarchs one day, 4 another, and 6 on a third day, your high count was 6. The high count in the summary report is the highest count for that species in the entire network. The site reporting that count is also listed, as is the date on which the high count was reported. The total number of species seen in 2004 was 90. Very respectable, especially considering the poor weather. Totals for number of sites and runs (visits), as well as averages, are listed at the end of the Site Summary Report.

Species Summary Report 2004				
Species	# of Sites	High Count Site	High Count	Date Seen
Acadian Hairstreak	3	Bliss Woods	19	8/8/2004
American Painted Lady	19	Dropseed Prairie	4	6/29/2004
American Copper	5	Cedar Glen	6	8/31/2004
Aphrodite	7	Green River	41	6/12/2004
Appalachian Brown	6	Ivanhoe Preserve	15	7/9/2004
Baltimore Checkerspot	10	Boone Creek Fen	41	7/5/2004
Banded Hairstreak	8	Heller Nature Center	11	7/10/2004
Baptesia Duskywing	14	Waterfall Glen	150	7/10/2004
Black Dash	18	Dan McMahon	27	7/11/2004
Black Swallowtail	69	Midewin D	17	7/18/2004
Broadwinged Skipper	1	Cotton Creek Marsh	1	7/18/2004
Broken Dash	5	Somme Prairie Grove	3	7/11/2004
Bronze Copper	10	Ayres Sand Prairie	5	7/22/2004
Buckeye	27	Lincoln Prairie	10	7/31/2004
Byssus Skipper	4	Hickory Creek Barrens	4	7/24/2004
Cabbage White	112	Midewin D	264	8/15/2004
Checkered Skipper	2	Ayres Sand Prairie	1	7/22/2004
Checkered White	1	Lake of the Woods	3	8/7/2004
Cloudless Sulphur	13	Cedar Glen	31	8/31/2004
Comma	33	Cedar Glen	7	5/16/2004
Common Sootywing	12	Cedar Glen	5	6/29/2004
Common Wood Nymph	77	Somme Prairie Grove	152	7/11/2004
Common/Orange Sulphur	101	Midewin D	206	7/25/2004
Coral Hairstreak	13	Grant Woods	3	6/25/2004
Crossline Skipper	6	Theodore Stone Woods	3	6/30/2004
Delaware Skipper	15	Bliss Woods	8	8/8/2004
Dion Skipper	13	Dan McMahon	8	7/5/2004
Dogface	1	Cedar Glen	2	9/30/2004
Dun Skipper	11	Hickory Creek Barrens	6	7/5/2004
Dusted Skipper	1	Ivanhoe Preserve	1	6/1/2004
Eastern Tailed Blue	83	Lake of the Woods	67	8/1/2004
Edwards Hairstreak	1	Ivanhoe Preserve	1	7/2/2004
European Skipper	29	Fermilab	31	6/15/2004

Species Summary Report 2004

Species	# of Sites	High Count Site	High Count	Date Seen
Eyed Brown	44	Dan McMahon	74	6/27/2004
Fiery Skipper	1	Cotton Creek Marsh	1	9/18/2004
Funereal Duskywing	1	Matthiessen State Park	1	7/23/2004
Giant Swallowtail	4	Forest Park	2	8/14/2004
Goatweed Butterfly	1	Cedar Glen	1	7/14/2004
Gray Comma	5	Green Valley Forest Preserve	2	5/26/2004
Gray Hairstreak	4	Cedar Glen	3	8/21/2004
Great Spangled Fritillary	78	Cedar Glen	52	6/16/2004
Great Gray Copper	1	Lincoln Prairie	3	6/27/2004
Hackberry Butterfly	5	Cedar Glen	75	8/21/2004
Henry's Elfin	1	Cedar Glen	4	6/16/2004
Hoary Elfin	1	Illinois Beach A	10	5/6/2004
Hobomok Skipper	7	Belmont Prairie B	2	6/4/2004
Horace's Duskywing	2	Fox Ridge State Park	1	7/17/2004
Juvenal's Duskywing	1	Forest Park	9	8/21/2004
Karner Blue	2	DuPont Natural Area	3	7/23/2004
Least Skipper	38	Harper College	48	8/26/2004
Leonard's Skipper	1	Waterfall Glen	1	7/5/2004
Little Yellow	10	Cedar Glen	25	8/31/2004
Little Wood Satyr	61	Illinois Beach B	88	7/21/2004
Little Glassywing	8	Lake of the Woods	4	6/12/2004
Long Dash	3	Hickory Creek Barrens	3	7/5/2004
Meadow Fritillary	6	Mitchell's Grove	11	7/28/2004
Monarch	98	Illinois Beach B	27	8/3/2004
Mourning Cloak	38	Volo Bog	7	8/6/2004
Mulberrywing	7	Boone Creek Fen	4	7/5/2004
Northern Cloudywing	3	Wingate Prairie	7	6/20/2004
Olympia Marblewing	1	Illinois Beach A	16	5/6/2004
Ottoe Skipper	1	Midewin D	1	6/5/2004
Painted Lady	18	Lincoln Prairie	5	7/20/2004
Pearl Crescent	93	Matthiessen State Park	68	6/25/2004
Pearly Eye	29	Waterfall Glen	12	7/10/2004
Peck's Skipper	32	Middlefork Farm	22	6/28/2004
Pipevine Swallowtail	4	Matthiessen State Park	9	7/23/2004
Purplish Copper	1	Burlington Prairie	25	9/4/2004
Question Mark	60	Nelson Lake Marsh	8	6/12/2004
Red Admiral	59	Dan McMahon	11	7/25/2004
Red-Spotted Purple	34	Lake of the Woods	10	8/1/2004
Regal Fritillary	2	Nachusa Grassland	13	6/26/2004
Roadside Skipper	3	Hickory Creek Barrens	4	6/27/2004
Sachem	1	Midewin D	1	7/25/2004

Species Summary Report 2004

Species	# of Sites	High Count Site	High Count	Date Seen
Silver Spotted Skipper	44	Cedar Glen	16	7/27/2004
Silver-Bordered Fritillary	3	Moraine Hills Lake Defiance	5	6/20/2004
Silvery Checkerspot	12	Dan McMahon	6	6/12/2004
Sleepy Duskywing	1	Cedar Glen	2	8/31/2004
Snout Butterfly	6	Cedar Glen	10	8/21/2004
Southern Cloudywing	2	Gensburg-Markham	12	6/15/2004
Spicebush Swallowtail	6	Cedar Glen	7	7/14/2004
Spring Azure	92	Grant Woods	40	7/23/2004
Striped Hairstreak	2	Hickory Creek Barrens	1	7/5/2004
Tawny Edge	12	Cherry Hill Woods	6	7/5/2004
Tawny Emperor	2	Cedar Glen	7	7/14/2004
Tiger Swallowtail	92	Spring Creek	20	7/7/2004
Two Spot Skipper	1	Gensburg-Markham	18	7/1/2004
Variiegated Fritillary	2	Ayres Sand Prairie	1	7/22/2004
Viceroy	48	Grant Woods	9	8/8/2004
Zabulon Skipper	2	Fox Ridge State Park	2	7/27/2004
Total Number of Species Reported in 2004: 90				

Site Summary Report 2004

Site Name	# of Visits	# of Species	Site Name	# of Visits	# of Species
Ayres Sand Prairie	4	17	Cherry Hill Woods	13	18
Bartel Grasslands	5	8	Chicago Botanic Gardens	13	14
Belmont Prairie	5	16	Chipilly Woods	7	7
Belmont Prairie B	6	11	Cotton Creek Marsh	12	33
Bennett Meadows	4	11	Cuba Marsh	11	15
Bergman Slough	4	16	Dan McMahon	8	31
Bliss Woods	8	24	Danada Forest Preserve	5	11
Bluff Spring Fen	4	29	Deer Grove	8	21
Boger Fen	4	15	Deer Wood Farm	7	12
Boone Creek Fen	5	20	Dropseed Prairie	9	6
Buffalo Creek East	6	15	DuPont Natural Area	6	19
Buffalo Creek West	10	13	Everett Farm	4	9
Bunker Hill Prairie	6	13	Fermilab	6	17
Burlington Prairie	7	19	Fermilab A	8	18
Burnidge Forest Preserve	4	6	Ferson Creek Fen	6	18
Camp Sagawau	6	12	Florsheim Park	4	13
Campton Forest Preserve	2	3	Forest Park	9	22
Campton Hills Park	2	17	Fox Ridge State Park	6	13
Cap Sauers	7	23	Freeman Kame	6	21
Cedar Glen	12	36	Fullerton Park	6	14

Site Summary Report 2004

Site Name	# of Visits	# of Species	Site Name	# of Visits	# of Species
Gensburg-Markham	5	22	Mort. Arb. Prairie	6	11
Gladstone Fen	8	14	Nachusa Grassland	3	9
Glenview Prairie	6	10	Nelson Lake Marsh	10	25
Grant Woods	10	21	Old School Forest Pres.	6	14
Green River	6	26	Orland Grasslands	6	26
Greene Valley	4	11	Otter Creek	1	5
Greenbelt Forest Preserve	5	11	Oxbow Prairie	4	13
Hafner Meadow	3	7	Poplar Creek	8	18
Half Day Woods	4	9	Riverside Park	6	13
Hannaford Forest Preserve	5	14	Romeoville Prairie	4	10
Harms Woods	1	4	Sauganash Prairie	8	12
Harper College	13	19	Shaw Prairie	4	12
Heller Nature Center	10	21	Skokie River Nat. Pres.	3	9
Hickory Creek Barrens	8	33	Somme Nature Preserve	3	9
Hidden Pond	8	20	Somme Prairie Grove	9	30
Highmoor/Hybernia	8	10	Spears Woods	6	21
Horlock Hill	6	12	Spring Brook Nat. Center	1	4
Illinois Beach A	1	2	Spring Creek	9	21
Illinois Beach B	5	11	Spring Valley	9	15
Iroquois Prairie	3	11	Springbrook Fen	6	14
Ivanhoe Preserve	6	26	Springbrook Prairie	7	13
Lake in the Hills Fen	5	23	Sterne's Fen	1	3
Lake of the Woods	5	22	Sundrop Prairie	6	14
Lincoln Prairie	6	23	The Grove	6	12
Main Street Prairie	7	19	Theodore Stone Woods	5	14
Marl Flat Forest Preserve	4	15	Thorsen Prairie	6	22
Mary McDonald Woods	12	14	Turnbull Woods	5	5
Matthiessen State Park	7	28	Volo Bog	8	12
McKee Marsh	6	18	Wadsworth Prairie	6	24
Mellody Farms	6	11	Warrenville Grove	8	22
Middlefork Farm	3	10	Waterfall Glen	6	21
Middlefork Savanna	5	10	Wayside Woods Prairie	4	12
Midewin D	6	29	West Chicago Prairie	11	27
Midewin F	5	10	West DuPage Woods	5	23
Mitchell's Grove	9	20	West Skokie River	3	8
Moraine Hills Lake Def.	3	23	Wingate Prairie	11	25
Mort. Arb. East Woods A	5	8	Wolf Road Prairie	4	9
Mort. Arb. Heritage Trail	10	16			
Average Number of Runs (Visits) Per Site: 6.2			Total Number of Sites Reporting: 115		
Average Number of Species Recorded Per Site: 15.9			Total Number of Runs (Visits) in Network: 708		

Butterfly Monitoring Network Migrates South

No, we're not joining the monarchs in Mexico-- we're going to Florida. A recent grant obtained by Jaret Daniels, curator at the McGuire Center for Lepidopteran Studies in Gainesville (and former IBMN winter workshop guest speaker) will allow the formation of a Florida butterfly monitoring network. The network will keep tabs on butterflies in the Sunshine State using a modified version of the Illinois protocol. Kudos to all of the participants in the IBMN for helping to make it a program worthy of emulation elsewhere.

IBMN Represented at Wild Things Conference

What do butterfly monitors like best about monitoring? What is the hardest part of it? What are some most memorable sightings? What advice would experienced monitors give to a beginner? Hear about the joy and challenge of butterfly monitoring, look at some stunning photos of local butterflies, and learn about the Northern Illinois Butterfly Monitoring Network in an informal panel discussion hosted by our own Tom Peterson at the Wild Things Conference on Feb 26th. (See Page 8.) Monitors Susanne Bartruff and Melissa Pierson will be there helping him out. The title is "Butterfly Monitoring: Stories from the Field".

The panel will certainly help spread the word about our network and maybe even net us a few new monitors! Thanks, Tom for organizing this, and Sue and Melissa for participating!

Binoculars

We continue to get questions about what binoculars are best for butterflies. Basically, the only requirement is that they be close focusing, meaning that they can focus on objects 7 feet away or closer. More and more companies have ones that can focus down to only 3 or 4 feet away. Any other aspects will be personal choice of the user. If this is your first time buying binoculars, we suggest that you go to a reliable store and try out some before buying. One store that continues to get high praise is Eagle Optics in Madison Wisconsin. But any store carrying several brand name companies like Buschell should be able to help you find just the right pair.

IBMN Data to help reduce collateral damage from Gypsy moth control in Illinois

On December 13, members of the Us and Illinois Departments of Agriculture met at Volo Bog with members of the Illinois conservation community, including members of the IBMN, to discuss implications of the USDA "Slow the Spread" (STS) program of Gypsy moth control on our native leps. Sponsors of STS presented information about the Gypsy moth, its biology, and the STS program. Ron Panzer and Doug Taron made presentations concerning the state of Illinois leps, and emphasizing habitat fragmentation and the plight of species that rely on tiny and increasingly isolated patches of remnant native vegetation. This point is particularly important, as the USDA has stated that areas where butterflies and moths are killed by STS will be repopulated from outside of the treatment zone. Proponents of STS have used studies from places like West Virginia, where habitat fragmentation is nowhere near as severe as it is here in Illinois, to arrive at this position. I'm please to report that some significant progress was made. Most of the proponents of STS at the meeting seemed genuinely concerned by the prospects of long-term damage to the Illinois fauna by their program. We will be using IBMN data to direct STS officials to sites of particular concern where alternatives to BTK, an insecticide that most butterflies and moths are susceptible to. Alternatives such as Gypcheck, a Gypsy moth-specific virus, will be considered for those sites.

Special thanks to Stacy Iwanicki, Natural Resources Coordinator at Volo Bog, for setting up the forum.

Welcome to Boone County

We have our first site in Boone County joining the network this year. Flora Prairie Nature Preserve is owned by the Boone County Conservation District and is located just southwest of Belvidere. They will have one route onsite, and hope to add several other sites in the future. We look forward to a long and successful relationship with the BCCD. Welcome to the network!

IBMN Leaders Step Forward

A handful of monitors are taking on leadership roles in the IBMN, helping Doug and Mel out tremendously. We have already talked about a few of them in the newsletter. Jim Peterson is doing a fantastic job as our webmaster. Tom Peterson is acting as regional coordinator in Kane County and Fermilab, running training workshops, and IBMN workshops at conferences. Marla Garrison is our regional coordinator in McHenry County, while her co-worker Janice Young is the regional coordinator in Lake County. Judy Grey has taken on Morton Arboretum and established 4 routes, enlisted 3 new monitors, and acted as the IBMN liaison with Morton Arboretum staff. John Ayres and Gary Clinkman are joining forces to handle site assignments and help new monitors in the Palos area. All of them continue to be some of our best monitors as well! Thank you to all of them.

If you would like to expand your role in the network, contact Mel. She'll be happy to talk to you!

Wild Things Conference - Feb 26, 2005 - Northeastern Illinois University

You are invited to a day-long conference that brings together the region's best experts, most dedicated volunteers, and anyone interested in nature. Join hundreds of people who care about nature for "Wild Things: A Conference for People and Nature." Mingle with our region's outstanding nature experts; share ideas and energy; and meet some great people!

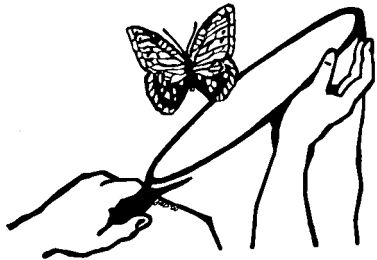
Technical presentations and interactive workshops will explore the latest in natural areas preservation, wildlife protection and monitoring. The conference is organized in "tracks" designed for everyone from beginners to experts. There is special focus on empowering citizen scientists, stewards and advocates with information, networking and good ideas. Wild Things will feature more than 80 large and small-group sessions drawn from real-life experiences with everything from the nitty gritty of habitat management, botany, and zoology to advocacy, education, art, culture, history and backyard and neighborhood ecology. It's a great opportunity to listen, ask questions, and contribute to the effort to conserve the natural ecosystems and habitats of the greater Chicagoland area. Keynotes will be presented at the beginning and end of the day.

Fees are: \$25.00 for adults, \$35.00 with lunch. Special student rate: \$15.00, \$25.00 with lunch. To make arrangements for any special needs, please call the information line (below) and leave a message.

"Wild Things" is co-sponsored by: Audubon-Chicago Region, the Volunteer Stewardship Network, the Chicago Botanic Garden, Forest Preserve Districts, the Field Museum, Sierra Club, the Department of Geography and Environmental Studies at Northeastern Illinois University and other Chicago Wilderness organizations, including the Illinois Butterfly Monitoring Network.

Information is available at (847) 965-9239 x21 and www.chicagowildernessmag.org/wildthings

Doug Taron, Mel Manner, and Tom Peterson will be representing the Illinois Butterfly Monitoring Network in 3 presentations.



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