

# The



# Cardinal

JUNE JULY 2009 • WWW.SAINTPAULAUDUBON.NET • SAINT PAUL AUDUBON SOCIETY

## Saint Paul Audubon's Summer Butterfly Count for the North American Butterfly Association

Saturday, June 27, 2009

### What is a Butterfly Count?

Well, it's *Citizen Science*!! Yep, and every year we add to the database on the distribution of butterflies in the Twin Cities area. We take note of both the number of species and the quantity of each species seen. The census findings are tallied by the North American Butterfly Association (NABA), and are used for further research into such things as habitat loss and change. We have observed 59 species of butterflies over time. Each year we find some new species, since every year the conditions are just slightly different. For studying ahead, here are some species that we see quite often: Orange Sulphur, Clouded Sulphur, Eastern Tailed Blue, Great Spangled Fritillary, Pearl Crescent, American Lady, Summer Azure, Baltimore Checkerspot, Red Admiral, Eyed Brown, Common Wood Nymph, Delaware Skipper, and Monarch. (After you've done your homework, go to p. 7 to see if you've ID'd this butterfly correctly!)

### How Do I Participate?

Saint Paul Audubon's annual NABA Butterfly Count will take place at the Arden Hills Army Training Site (AHATS). There is a \$5 fee to participate. Since this is a U.S. Army facility, we must give the National Guard the names of all participants before the count. Participants must register with Dorothy Waltz by Friday, June 19<sup>TH</sup>. *Children eleven and over are welcome!* The maximum number of participants is 25, so register early!

The count will take place from 10:00 AM to 2:00 PM. Registered participants should arrive at the Arden Hills City Hall parking lot on the north side of Hwy 96 between Hamline and Lexington Avenues by 9:45 AM. We will carpool into AHATS to minimize the number of cars. For more information and to register please contact Dorothy Waltz at 651-917-0930 or [dwaltz@isd.net](mailto:dwaltz@isd.net). A map and information packet will be mailed before the count.

At 9:45 AM on the day of the count, probably Minnesota's best butterfly expert, will give us a primer on what we are likely to see. He'll also demonstrate how to catch and handle our quarry. Even if you

don't know the difference between a Viceroy and a Monarch right now, you are welcome to come. This is a good a "class" as you'll ever attend! (All butterflies are released.) As we participate in the count, we explore in detail three areas of AHATS: a native prairie, a prairie restored by SPAS member and former president **Craig Andresen**, and a bog. After we finish counting at the prairies, we'll stop in a shady spot for lunch, then proceed to the bog. This site overlooks Marsden Lake, so we'll also look for the resident swan and loon families. At the end of the count, we send our tally to NABA.

A complete list of species will be mailed to all participants after the count.

### What to Bring & Wear

Everyone must stay with the group for the entire time, so come prepared! Be sure to bring cool drinks and a bag lunch.

A wide-brimmed hat, lightweight long pants and long-sleeved shirt, sunscreen, high socks, old sneakers or rubber boots for bog-tromping, and insect repellent are recommended. You may want to bring a

butterfly field guide and a net. Binoculars are also a good idea since there are some great birds as well. We usually see Trumpeter Swan, Common Loon, flycatchers, sparrows, warblers, Red-tailed and Cooper's Hawks, and sometimes Sandhill Cranes.

### Equipment Needed

To get the most out of the day you should bring a butterfly net, available at Trans-Mississippi Biological Supply, 590 Cardigan Rd, Shoreview, 651-484-4488.

### Internet Sites for Butterflies

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

[www.gardening.cornell.edu](http://www.gardening.cornell.edu)

[www.nwf.org/backyardwildlifehabitat/](http://www.nwf.org/backyardwildlifehabitat/)

[www.audubon.org/bird/at\\_home/index.html](http://www.audubon.org/bird/at_home/index.html)

[www.monarchlab.umn.edu](http://www.monarchlab.umn.edu)

*U of Mn's Monarch Lab, run by Karen Oberhauser*

<http://www.wisconsinbutterflies.org/>

*Mike Reese, a Wis. expert, maintains this site*

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

*U of Kansas' Monarch Watch website and newsletter for both professional and amateur monarch enthusiasts*

[www.learner.org/jnorth](http://www.learner.org/jnorth)

*Journey North: migration, scientific papers, historical data*

*See p. 7 for more  
info on Butterflies!*



## LEADER ROSTER; CURRENT "DOINGS"

### BOARD MEETINGS

Please come to the Board's summer Joint Board Meeting, *ALL are welcome!* We will begin with a bird-watching afternoon and then enjoy a potluck dinner at the home of our new president, Tim Nixon. On Monday, June 1st, we will bird at 5:30 and have a potluck dinner at 6:30. Call Tim at 651-353-0756 for directions to him Wisconsin home.

### VOLUNTEERS NEEDED

#### Programs Chair

It's the proverbial, perennial problem... or... Opportunity! The chapter enjoys great success with the **Member Meetings**, but we currently need some help on putting them in place for next year... The Chapter needs to find a person from within who enjoys sleuthing for new programs. This may include attending other chapters' and organization's talks, searching through speaker bureau lists for interesting folks from our area, keeping up with current events and issues, and looking ahead to what the 'next' green energy environmental, birding, and conservation goals will be. Our chapter is known for putting on 'forefront' programs. Help us plan them!

Interested persons may contact president Tim Nixon, at 651-353-0756 or [timothynixon@thomsonreuters.com](mailto:timothynixon@thomsonreuters.com)

### CARDINAL CONTRIBUTORS

Thanks to Howard Beskin, Val Cunningham, Chase Davies, John O'Connell, Holly Peirson, Bonnie Sample, Julian Sellers, Paul Spreitzer, Bill Stjern, and Dorothy Waltz for their contributions to *The Cardinal*. Send submissions to the Editor at [hpbirdscouter@msn.com](mailto:hpbirdscouter@msn.com)

### A Busy Chapter!

Your chapter of the Audubon Society is one of the best-known in the state. With your donations and support, our volunteers are currently doing such things as:

- Teaching a **Summer Birding Class for Kids** at Como Regional Park
- Teaching a **Beginning Birding Class**, with emphasis on ID skills such as "General Size and Shape," song ID, and fieldnote-taking
- Manning a booth at **Green Expo**
- Redesigning the Chapter's Website** — look for the new and updated version in July, with newer ways of keeping track of calendar items, and whole pages of conservation information.
- Working with legislators to write and pass conservation and environmental laws for Minnesota and America.
- Putting on one of the best, longest-

term **'Citizen Science' weekends** in the state (Warbler Weekend!)

- Leading well-attended **Field Trips** all over the eastern side of MN, including Birding by Ear, and Biking, as well as the ever-popular Tuesday AM's in May (and June!)

- Censusing butterflies** for the North American Butterfly Assn.

With this issue of *The Cardinal*, we noticed that our membership has grown by at least 300 over the last few months. That's wonderful news! We hope our newest members are enjoying some of these benefits of becoming a member, and hope that you will tell all your friends about us, attend our **Member Meetings** that will begin again in September, and that you will become more involved in your Chapter! See the "Volunteers Needed" section on p. 2 of *The Cardinal* (at left) for our regular chapter "needs!"

#### SAINT PAUL AUDUBON

President Tim Nixon	651-353-0756 (c) <a href="mailto:timothynixon@thomsonreuters.com">timothynixon@thomsonreuters.com</a>
Vice President John O'Connell	651-738-8310 <a href="mailto:john-sharon-oconnell@att.net">john-sharon-oconnell@att.net</a>
Treasurer Richard Newmark	651-340-3487 <a href="mailto:ranewmark@yahoo.com">ranewmark@yahoo.com</a>
Secretary Tess Rizzardi	651-292-0004 <a href="mailto:mjbryand@qwest.net">mjbryand@qwest.net</a>
Programs Chair open	
Conservat'n Co-Chr Val Cunningham	651-645-5230 <a href="mailto:writers2@comcast.net">writers2@comcast.net</a>
Conservat'n Co-Chr Susan Solterman	651-260-7040 (c)
Field Trips Chair Chase Davies	651-633-1663 <a href="mailto:ccdavies@aol.com">ccdavies@aol.com</a>
Education Chair Steve Johnson	651-776-0104 <a href="mailto:csrockclimb@yahoo.com">csrockclimb@yahoo.com</a>
Membership Chair John O'Connell	651-738-8310 <a href="mailto:john-sharon-oconnell@att.net">john-sharon-oconnell@att.net</a>
Newsletter Editor Holly Peirson	651-464-6743 <a href="mailto:hpbirdscouter@msn.com">hpbirdscouter@msn.com</a>
Newsletter Mailing Jane Schuler	651-644-5338
Chapter Phone	651-291-2596

(Outgoing Message Only — take down numbers given to call for info)

Audubon Minnesota 651-739-9332  
[www.mn.audubon.org](http://www.mn.audubon.org)

#### ABOUT OUR CHAPTER

Founded in 1945 as the 'St. Paul Bird Club' with around 12 members, Saint Paul Audubon Society now serves the entire East Metro region of the Twin Cities area, and has around 2,400 members. We hold 9 Member Meetings a year. Feel free to contact anyone listed at left for more information, or write to Saint Paul Audubon Society at PO Box 7275, Saint Paul, Minnesota, 55107 or visit our website at [www.saintpaulaudubon.net](http://www.saintpaulaudubon.net)

#### ABOUT OUR NEWSLETTER

The Cardinal is published 6 times. Copy is due on the 5th of January, March, May, July, Sept, and Nov. Send copy to [hpbirdscouter@msn.com](mailto:hpbirdscouter@msn.com) All submissions are subject to editing.

#### LOCAL SUPPORT

If you are an Audubon member and don't live in the Saint Paul area, but would like to receive *The Cardinal*, send \$15 for a year's subscription to John O'Connell, 2184 Larry Ho Drive, St. Paul, MN 55119

#### ADDRESS CHANGE

Please call 1-800-274-4201 to change your address for National Audubon Society mailings, including *Audubon Magazine* and *The Cardinal*, or to sign up for Audubon's paper-free renewal program.

National Audubon Society  
[www.audubon.org](http://www.audubon.org)

## EDUCATION

### Summer Birding Class for Kids

Is a go!! We will be at Como's Streetcar Station in the mornings from June 22 to 26, helping the children learn about birds! More volunteers are welcome!!

Here are some photos from past year's class! It's a lot of fun.

We go on a short Field Trip every morning. After we do our bird tally



from that, we talk about habitat, migration, Identification techniques, plumage and molting, feeding and nesting, it's always something!!

The kids also do a week-long bird poster art project that doubles as a research topic.

To volunteer, call Education Chair Steve Johnson at 651-776-0104 or email to csrockclimb@yahoo.com

### A BOOK REVIEW

"Birdwatcher: The Life of Roger Tory Peterson"  
Elizabeth Rosenthal © 2008, The Lyons Press

If you are a life-long learner like me, this book will be a very interesting read. The first chapter follows RTP's progression from school boy to artist, and from studying the rudimentary field guides of the day (Seton, Chapman) to photographing the birds, to using his own ID system at teaching at camps during summers, to painting his own samples for the students to use. After the 2ND summer of doing that, he "spent countless hours in the field honing



### Take Your Birding to the Next Level with "Inside Birding"

We are currently enjoying the millions of birds as they return from the tropics, filling the Northern Hemisphere's backyards with summer's full array of birds. It's a great time to go bird watching, and Chris Wood and Jessie Barry from the *Cornell Lab of Ornithology* are inviting you to go out with them — in a new free series of web videos, called "Inside Birding."

Jessie and Chris share their tips, tools, and techniques for identifying birds with confidence — whether you're new to birding or seeking to hone your skills. In the first four episodes, learn the secrets of the "four keys" to bird identification. Join Chris and Jessie in the field as they practice using size and shape to identify common birds. Learn how to use color pattern and behavior for critical clues about a bird's identity. And travel with Chris and Jessie to the swamps of Florida as they explain the importance of habitat

when you're looking for birds.

After watching the videos, explore the rest of the newly redesigned "All About Birds" website. It's packed with stunning images and information about every aspect of birding. Enhance your bird knowledge by visiting our popular *Bird Guide*, with more than 500 species profiles, new photo ID tools, cool facts, sounds, and video. Peruse the *Living Bird* magazine section for articles about travel, science, and conservation. Practice using the four keys to identification or sharpen your knowledge about Songs and Calls in the *Building Skills* section. Check out the Multimedia theater to watch videos about birds from the Arctic, coasts, and grasslands — or learn more about attracting birds right to your own yard.

We hope you'll bookmark your favorite pages and visit often. Enjoy the birds! Here is the URL:  
<http://www.birds.cornell.edu/NetCommunity/Page.aspx?pid=1265>

YOUR FRIENDS AT THE CORNELL LAB OF ORNITHOLOGY

his bird ID skills, and more hours studying bird skins at various museums and laboratories." When the editor at Houghton Mifflin showed the plates to Ludlow Griscom and he was able to ID all the birds on each plate, they decided to print 2,000 copies, but gave RTP nothing for the first 1,000. Well, the first 2,000 sold practically overnight. They opened the eyes of millions, and overnight, birding became a field of study and career.

The book fairly brims with personal anecdotes from friends, colleagues, family, and RTP himself. It's a gem.

HOLLY PEIRSON



## EXPLORER'S + FIELD TRIPS + TUESDAY AM'S!

### EXPLORERS!

#### Outdoor Family Walks

Bring a youngster of 10 years or older to explore the out-of-doors during two-hour field-walks with Chase Davies! **There is always something going on outside!** The goal is to see, hear, smell, touch, and talk about those happenings. Please contact Chase to register youths over 10 and their accompanying adults. No fee, just need to know numbers attending. Remember to dress in layers of clothing and wear sturdy footwear.

Saturday, June 20, 8:00 AM  
**Snail Lake Regional Park, Shoreview**

From 694, go north on Victoria to the stop sign at Snail Lake Blvd (an extension of County Road F). Turn east onto Snail Lake Blvd and follow it around until you can see the lake. Meet in the parking lot at lake level, at beach near boat ramp.

Saturday, July 11, 8:00 AM  
**Long Lake Regional Park, New Brighton**

From 35W, take the Hwy 96 exit, go west to Hwy 77; go south approx. 1/2 mile to the park's entrance on the right. Meet in the first parking lot, on the left side of road (if you pass the RR's you've gone too far...)

**Level** Easy  
**Leader** Chase Davies  
 651-633-1663  
 ccdavies@aol.com

### Woodland Birds

Saturday, May 30



Lebanon Hills Regional Park (near the MN Zoo), is a terrific place to look for migrant songbirds! Join us for a morning of birding at this beautiful 100-acre park in Eagan. We'll hike the woodland, meadow, and lakeside trails. Recent sightings in this area are Canada and Mourning Warblers, Scarlet Tanager, Wood Thrush. We will carpool from Sears in St. Paul, and meet at the Holland Lake entrance, at the intersection of Lexington and Cliff Road.

**Level** Easy to Medium (the hills!)  
**Carpool** 7:00 am, SW corner of Sears or 7:30 am at the Park  
**Leader** Paul Spreitzer, 651-646-6309  
 paul.spreitzer@gmail.com

### Birding By Ear, Murphy-Hanrehan Park Reserve

Saturday, June 6, 7:00 AM to NOON

The hardwood forest at Murphy-Hanrehan Park Reserve near Savage is one of the very finest of birding sites in the Metro area. We'll focus on the songs and calls of birds on their nesting territories. Residents include Hooded, Cerulean, Mourning, and Blue-winged Warbler, Acadian Flycatcher, and Scarlet Tanager. This outing can be rigorous, with muddy trails, hills, and biting insects. We'll be in the field for up to five hours (you may leave earlier), so bring water and snacks. Return to Saint Paul around 12:30 PM. **DIRECTIONS:** South from St. Paul on I-35E to Hwy 42. West on 42 about 2 miles. At the bottom of the hill, go left onto Burnsville Parkway. Continue for about 2 miles, turn left on Hwy 75, then immediately left into the parking lot.

**Level** Medium  
**Carpool** 7:00 am, SW corner of Sears or 7:30 am at the Park  
**Leader** JulianSellers@msn.com (pref)  
 651-698-5737 (Call for info)

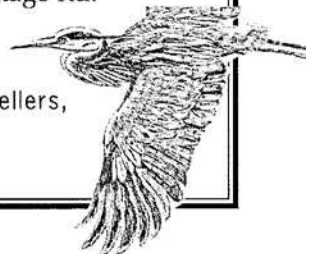
### Tuesday Mornings in June for Nesters!

Our popular "early bird" walks are held during spring migration and the start of nesting season. Meet at site. Walks are from 7:00 to 9:00 AM. Call leader for questions. Please join us!

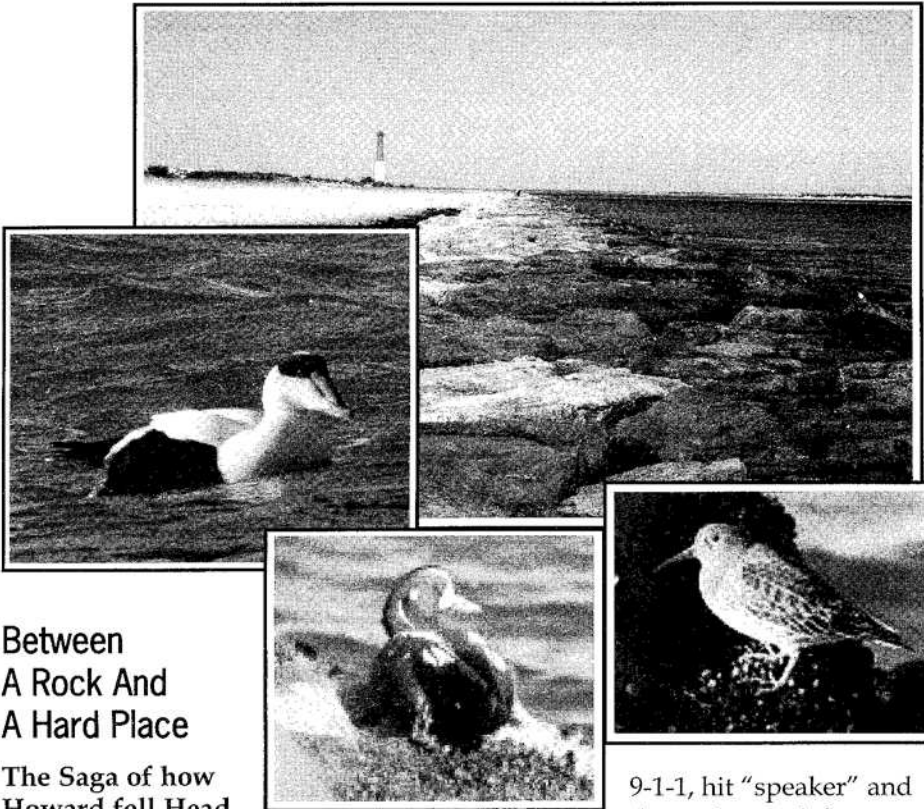
**May 26 Reservoir Woods, Roseville.** Parking is on No. side of Larpenteur between Rice and Dale, sign says "Woodview County Open Space." Val Cunningham, 651-645-5230; Clay Christensen, 651-631-0409

**June 2 Restored Benson Prairie, White Bear Lake, Ramsey Co.** Park in boat launch parking west of Hwy 61, So. of Cty J on Frontage Rd. Val Cunningham, 651-645-5230; Clay Christensen, 651-631-0409

**June 9 Battle Creek East, Maplewood.** Parking is on No. side of Lower Afton Rd, E. of McKnight Rd. Julian Sellers, 651-698-5737



## "BETWEEN A ROCK AND A HARD PLACE...." A CAUTIONARY TALE



### Between A Rock And A Hard Place

#### The Saga of how Howard fell Head over Heels for a Duck at the Jersey Shore...

Last Sunday, I went by myself to the jetty at Barnegat Lighthouse State Park in New Jersey to photograph the Harlequins and other sea birds.

Unfortunately, I slipped, and ended up *inside the jetty*, upside down and trapped between two fifteen foot wide and deep granite boulders!! My feet were straight above me and I could not move. I tried for fifteen minutes and finally had to give up. It took me another ten minutes to reach the cell phone in my back left hip pocket. When I opened it, it said "No Service!" I won't tell you what I said. Still, I was able to thumb in

9-1-1, hit "speaker" and then raise my left arm as high as I could (my right arm was pinned beneath me.)

The 9-1-1 service came on and was able to get the Coast Guard and Barnegat Light Fire Department to come after me. It took them over an hour to find me, and I cannot describe how terrifying the wait was. Here was this foolish old man trapped inside a jetty, no one around, upside down, and with the tide coming in!

In any event, all's well that ends well... When I heard Vince's voice and saw his red-helmeted face smiling at me... Well, you know how I felt. It took six of the rescue workers to carefully lift me out of my predicament

and get me to the ambulance headed to Southern Ocean County Hospital. Now I am back home with a bunch of stitches in my head, a bump the size of an orange on the side of my head; two black eyes; a broken wrist; and a sore shoulder, not to mention greatly-damaged dignity.

We returned to the scene of the crime yesterday (March 22ND) so that I could, 1) walk the beach adjacent to the jetty to confront my fears, 2) take some pictures, and 3) stop by the Barnegat Light Fire House to thank all those truly dedicated guys who rescued me two weeks ago.

I wrote and posted this accounting of my ordeal at Barnegat for a couple of reasons, 1) to celebrate my very good fortune and survival, and 2) to try and warn others which, in turn, would hopefully prevent them from making the same mistake that I did. I have also been asked by many how my camera, lens and binoculars fared. I am happy to report that they came through without a scratch. The three very graphic images of yours truly being trapped in the rocks and then being rescued were taken by Scott Ahern and his wife Cindy. The Aherns were also birding at Barnegat and just happened to see the emergency equipment and ruckus at the end of the jetty. To read the whole amazing story and see some great photos of the birds and the rescue operation (not for the weak-knee'd among us) go to: <http://www.howardsvie.com/Jetty/Jetty.html>

A true tale from March 2009, used with permission of the writer/photographer Howard Beskin (photos are of common eider, harlequin duck, and purple sandpiper)

### Warbler Weekend Report

St. Paul Audubon's annual Warbler Weekend was held May 8-10 at Villa Maria in Frontenac. 135 total species including 19 warbler species. Other notables on included Henslow's Sparrows singing on territory at Frontenac

State Park, a Western Grebe on Lake Pepin just north of Lake City, a Willet on Sand Point, and a Brown Creeper nest-building along the Sand Point Trail boardwalk. Migration was generally thin and slow. Many species were represented by single or only a few sightings.

BILL STJERN

## AUDUBON CONSERVATION TEAMS

### Calling all Bird Enthusiasts!

#### We Need You to go Birding! — to Help Minnesota Birds

The Minnesota Breeding Bird Atlas project, the biggest citizen science project, and the most comprehensive bird conservation project ever conducted in Minnesota, is underway! If you ever wanted a reason to get out and bird – this is it. Over the next 5 years we need hundreds of volunteers (maybe a thousand!) to select a survey area, and then identify as many species as possible and record breeding evidence for each species in that area. For most species, the only information required is to identify the species you observe and record a code that describes the breeding evidence you see. Evidence of breeding can include seeing courtship behavior or territorial displays, birds carrying nesting materials or excavating cavities, or recently fledged young. Special species require additional information, including their location.

#### DATES OF PARTICIPATION:

Throughout the breeding season (from now until end of July, for most species)

#### TIME COMMITMENT:

Multiple visits to the survey area; about 25 hours of active birding, schedule your visits at your convenience

#### SKILLS:

able to identify most birds in your selected area – or willing to learn

Cost: FREE

Participating in the Atlas project is a wonderful way to contribute to what we know about Minnesota's breeding birds. You will learn a lot about Minnesota birds and their habitat, improve your identification and observational skills, and become a part of a critical bird conservation effort. Results from this survey will document all the breeding birds in the state and describe where in the state they breed. The information will provide a baseline from which to measure changes to breeding species' ranges and will be used for bird conservation planning at local, county, and state-wide levels.

### PROJECT ACT

(Audubon Conservation Teams)

Recently the Conservation Committee began **PROJECT ACT**, an initiative designed for SPAS members interested in "on-the-ground" involvement to help our native birds. **PROJECT ACT** may include bird surveys, habitat documentation, planting native plants, removing invasive species and making our backyards more bird friendly. Here are more opportunities.

Bonnie Sample and Val Cunningham

Plus, this gives you an opportunity to bird with a purpose.

For more information about this important project, check out: [www.mnbba.org](http://www.mnbba.org) or contact Bonnie Sample, Project Coordinator, at [bsample@audubon.org](mailto:bsample@audubon.org) or at 651-739-9332.

BONNIE SAMPLE

### Create a Backyard for the Birds

My garden is somewhat unconventional. In addition to selecting plants for their aesthetic qualities, I choose them for their benefits to the local wildlife. A Monarda earns a spot because of the bees, flies, butterflies and hummingbirds it supports. The chokeberry was selected for its berries, a treat for robins and migratory sparrows.

The various Viburnum, elderberry and dogwood shrubs offer both food and shelter. The catbird loves to skulk among the shrubs' thick branches, cardinals line up for the berries and a towhee scuffs around in the leaf litter in the fall. A serviceberry offers plenty of places to perch as well as late summer fruit.

The coneflower, Joe-Pye weed,

black-eyed Susan and cardinal flowers host leaf-eating caterpillars in spring, nectar-seeking butterflies and bees in summer and seeds for eager finches in winter.

I encourage milkweed in order to produce a good crop of monarch butterflies throughout the summer. Staghorn sumac has weirdly wonderful shapes and reddish, dry fruit that persists until late winter, providing a feast for hungry birds. Two hazelnut shrubs should produce a crop of nuts this year for blue jays and squirrels to hide.

Native plants are always my first choice, since native wildlife evolved to make use of them, and they require much less work and resources to survive. If a native escapes the garden, for example, as birds expel berry seeds, it won't overpower other natives in the nearby park and woodlands, as aliens sometimes do.

What I'm really after, and this may strike long-time gardeners as nutty, is insects. As Douglas Tallamy notes in his important new book, *Bringing Nature Home*, nearly all (96 percent) of our backyard birds rely on insects and spiders to feed their young. So I'm planting natives to attract insects to attract birds, a simple and effective equation. I've learned that a native plant tends to support at least 20 invertebrate species, and I want to see tiny parasitic wasps, flower flies, ladybugs, lacewings, even praying mantis in the backyard. They'll help control garden pests without having to resort to chemicals.

One of these days I'm going to plant a native oak tree, since of all the native species, oaks are the most attractive to the most insects, and thus birds.

Two resources to help you get started: *The Audubon Society Guide to Attracting Birds*, by Stephen W. Kress, and the *Audubon at Home* initiative: [http://www.audubon.org/bird/at\\_home/](http://www.audubon.org/bird/at_home/)

VAL CUNNINGHAM



## THE LAST PAGE

### ★ Electronic Resources

*'you gotta bookmark these sites!'*

Saint Paul Audubon's website is at:

**www.saintpaulaudubon.net** (Member Meetings, Field Trips, Conservation, Education, "Cardinal" archives)

Audubon Minnesota is at **www.mn.audubon.org**

National Audubon Society is at: **www.audubon.org** (birds & science, issues & action, education, Audubon at home, state centers & chapters, environmental news)

Minnesota DNR is at **www.dnr.state.mn.us** or call 651-296-6157 or 888-MINNDNR (Info on State Parks, State Forests, Wildlife Mgmt Areas, Scientific & Natural Areas, bird lists, wildlife info)

National Wildlife Refuges in MN can be found at **www.fws.gov/midwest** (click on "Minnesota")

National Parks in USA & MN can be found at **www.nps.gov** (w/clickable map)

Minnesota Ornithologists' Union is at **www.mou.mn.org** (birding listserves, migration and nesting occurrence maps, State Park bird lists, RBA (Rare Bird Alert) reports, all 87 county bird lists, seasonal reports, etc.)

Minnesota's Rare Bird Hotlines are:

Metro/Statewide	763-780-8890
Duluth/No. Shore	218-728-5030
Northwestern MN	1-800-433-1888

Ramsey County & Saint Paul Audubon have collaborated to publish "A Guide to Birding Ramsey County." Find it online at: **http://www.co.ramsey.mn.us/parks/NaturalResources/BirdingInRamseyCounty.htm**

Northwest MN's *Pine to Prairie Birding Trail* website is at **www.mnbirdtrail.com**

The *Minnesota River Valley Birding Trail* is at **www.birdingtrail.org**

Mississippi River from Itasca to Iowa, the *Great River Birding Trail*, is at **www.greatriverbirding.org**

MNBirdNet Statewide Electronic Bird Club, is at: **mnbird-request@linux2.winona.msus.edu**

Bob Ekblad's great list of events and MN Bird Checklist is at: **http://home.rconnect.com/~ekblad/MN-Event.htm**

Get Involved in saving/restoring habitat: Buy Duck Stamps! **http://www.fws.gov/duckstamps/stamps.htm**

New  
& Revised

### Books for Butterflies

*'Focus' Guide: Butterflies of North America*

**Kenn Kaufman** Highly-acclaimed. "Focus" system uses digitally-enhanced photos to illustrate field marks. Maps and text together on 2-page spread. Very informative.

*Butterflies Through Binoculars - East* **Jeff Glassberg**

Great species accounts, informative introduction. Maps, basic ID text and photos are together. Includes abundance graphs, gardening tips. Western Guide also available.

*PETERSON GUIDE to Eastern Butterflies* Text, maps, photos all organized by species. Very informative. Comparison paintings very good.

*Butterflies of the North Woods* **Larry Weber** Very nice regional guide, great photos and information. Limited in scope for travel.

*BSA "Insect Study" Merit Badge booklet* Available at area Scout Shoppes. Covers biology, photography, and projects for Scouts.

*Stokes' Butterfly Book* A guide to butterfly gardening and behavior. Descriptions of food plants. Good identification section. Informative.

*GOLDEN GUIDE to Butterflies and Moths* **Mitchell & Zim** Great series of backpack-sized 'beginner' guides. Good information, maps, and illustrations. Limited only in number of species covered.

*Butterfly Gardening: Creating Summer Magic in your Garden* **Xerces Society and Smithsonian Institution** Gardening design tips, life cycles, essays, photography info, even a chapter on moths and the garden at night! Great photos. Available at **www.sierra.org/books**

*Handbook for Butterfly Watchers* **Robert Pyle** Beyond the Field Guide: finding, watching, catching, ID, listing, counting, behavior, gardening, rearing, photography, conservation.....

*Peterson FIRST GUIDE to Caterpillars* Peterson ID System, using illustration. Simple design, easy to use. Limited number of caterpillars.

*Caterpillars in the Field and Garden* **Glassberg (and others)** Another in acclaimed 'Butterflies through Binoculars' series. Covers North America. *Great resource!*

**Why stop at Butterflies?! Moving on to Dragonflies...!**

*Dragonflies of the North Woods* **Kurt Mead** "Dragonfly 101" basic biology. Great photos, descriptive text, size charts, flight dates. Covers 102 species. Comprehensive.

*Wild Guide to Dragonflies* **Cynthia Berger** Uses a wonderful illustration technique to talk about behavior, flight patterns, biology. Very informative.



WHAT SPECIES AM I?  
TAKEN DURING "SUMMER  
BIRDING CLASS FOR KIDS" AT  
COMO PARK IN 2008, BY  
HOLLY PEIRSON.  
(For more info on how to get  
involved, see page 3!  
See below for butterfly ID's  
from pp's 1 & 7)

### SPAS' E-Alert!

If you have email, sign up today for our online notification system! You'll receive announcements about upcoming events, information about current legislative happenings, and other Saint Paul Audubon happenings between issues of *The Cardinal*. When you *change your email address*, notify list manager Chase Davies of your new address. She is at **ccdavies@aol.com**. You may unsubscribe at any time.

**SAINT PAUL AUDUBON SOCIETY**

PO Box 7275, St Paul, MN 55107-7275  
www.saintpaulaudubon.net

**June July 2009**

August September Deadline 7/5/2009

100% Recycled Paper  
with 30% Post-Consumer  
Recycled Content

*Welcome... To the Saint Paul Audubon Society. We're a chapter of the National Audubon Society. Our Mission is to conserve and restore natural ecosystems, focusing on birds, other wildlife, and their habitats for the benefit of humanity and Earth's biological diversity.*

**CALENDAR**

**MAY**

Tues AM, Reservoir Woods . . . . .26  
Field Trip: Lebanon Hills Reg. Park . . .30

**JUNE**

Board Meeting & Potluck . . . . .1  
Tues AM, Benson Prairie . . . . .2  
Field Trip: Bird by Ear, Murphy-Harr. . . 6  
Tues AM, Battle Creek East . . . . .9  
Explorers! Snail Lake Reg Park . . . . .20  
Birding Class for Kids . . . . .22-26  
NABA Butterfly Census . . . . .27

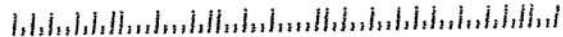
**JULY**

Explorers! Long Lake Reg Park . . . . .11

Non-profit Organization  
U.S. Postage  
**PAID**  
Permit # 3795  
St. Paul, Minnesota

**Time Dated Material  
ADDRESS SERVICE REQUESTED**

5507538142 5012



*June is the time of year when we ask our Local sponsors to make their annual donations. Please send yours in today!!*

*Thank You!*

**www.mnbba.org**

The MNBBA website is now operational! It includes the *Breeding Bird Survey's* official *Handbook*, as well as all the forms and materials necessary to conduct the surveys. Volunteers may click to browse for "Priority Blocks." The "Request-a-Block" and *Data Entry* functions will be available quite soon. In the meantime, birders may record their observations using the "MNBBA Field Card" available on the Website. If you have any questions, you can contact your Regional Coordinator,

or statewide BBS Coordinator  
Bonnie Sample at 651-739-9332,  
or bsample@audubon.org  
(see p. 6 for more information)

**St. Paul Audubon Society** Local Sponsorship

Yes! I want to be a sponsor of my local chapter, Saint Paul Audubon, by donating \$15, for which I will receive *The Cardinal* newsletter and other online news. Please fill in the personal information, make a check for \$15 out to Saint Paul Audubon Society, and send it to the address below. *Thank You Very Much!*

- I'm a NEW member! Please send my Welcome Packet right away!
- I currently receive National's *Audubon* Magazine.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Please sign gift card: \_\_\_\_\_

Mail to: Saint Paul Audubon, c/o John O'Connell, 2184 Larry Ho Drive, St. Paul, MN 55119

**National Audubon Society Membership** C9ZM030Z

Yes! I will become a *new* member or give a *new* gift membership in the National Audubon Society. I will receive *Audubon Magazine* and Saint Paul Audubon's *The Cardinal* newsletter. Please fill in the form, make a check for \$20 out to National Audubon Society, and send it to the address below. *Thank You Very Much!*

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Please sign gift card: \_\_\_\_\_

Mail to: National Audubon Society, P.O. Box 422250, Palm Coast, FL 32142-2250  
(Write on envelope: "Attention: New Membership — please process immediately")