

The



Cardinal

DECEMBER 2010—JANUARY 2011 • WWW.SAINTPAULAUDUBON.ORG • SAINT PAUL AUDUBON SOCIETY

DECEMBER MEMBER MEETING

Mongolia and the Golden Eagle Festival

with **Ron Winch** and **Toni Meglitsch**
Photographers

December 9, 2010

The Golden Eagle Festival in northwestern Mongolia has revived the ancient tradition of hunting with these giant raptors, a Kazakh tradition that nearly died out in recent times. Photographers Ron Winch and Toni Meglitsch traveled to the three-day festival and brought away extraordinary photos and amazing tales of this awe-inspiring event.

Spectators come from around the world to watch mounted hunters compete in riding and hunting events with their giant birds near the town of Ulgi.

“We had first class lodgings in a ger camp where the toilet was a hole in the ground, nighttime temperatures dipped into the 20-degree range and tea water was dipped from the river and boiled,” says Winch.

Come hear Ron and Toni’s fascinating stories and view their stunning images from this little-known event.



NORTHWESTERN MONGOLIA

JANUARY MEMBER MEETING

Parrots at the Minnesota Zoo and in the Wild

with **Dave Cruz**
Supervisor at the Minnesota Zoo’s
‘World of Birds’ Show

January 13, 2011

Dave Cruz calls the Minnesota Zoo’s efforts to preserve the world’s parrots “a conservation story in progress.”

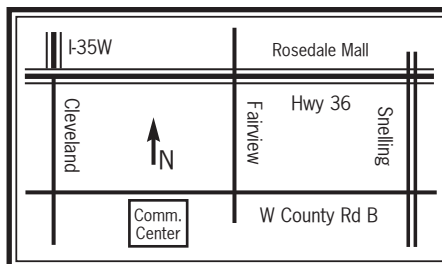
With nearly a third of the world’s parrot species in danger of, threatened with or vulnerable to extinction, conservation programs are key to this fascinating bird family’s survival.



Dave will discuss his experiences with parrots at the zoo and in nature and how “my preconceived notions about parrots were shattered quickly by working with these birds.” His presentation will note how the zoo’s bird show program is designed to aid endangered parrots in the wild.

PICTURED: HYACINTH MACAW

Our meetings begin at 6:45 with social time, 7:00 PM for the program, at the Fairview Community Center, 1910 W. County Road B, in Roseville. Free and open to the public. Free parking available. *Bring a friend!*



CHAPTER INFORMATION

NOMINATING COMMITTEE

The SPAS Board of Directors is anticipating an election this spring of candidates for President, Vice President, and four Board/Director positions. **Cheri Steinmueller** will serve as the Chairperson for the Nominating Committee. If you have ideas for potential leaders, please contact her at cjsteiny@comcast.net or by phone at 651-343-4019 or by U.S. mail at 2410 Sunrise Dr., St. Paul, MN 55117. The Board meets once each month, September through June, on the first Monday of the month. Officers serve one-year terms and Board/Directors serve two-year terms. *We welcome your participation in this process.*

AUDUBON APPLAUSE



Thank you very much to **Val Cunningham, Dorothy Waltz, Ben Wilson, and Holly Peirson** for working tirelessly to promote the events of Saint Paul Audubon. Val writes two meeting announcements for every issue, and sends them to Dorothy, Ben, and Holly. Dorothy sends them via fax or email to many area newspapers. Ben puts them up on the website. Holly puts them into *The Cardinal*.

We very much appreciate their dedication to this long-term task!!

BOARD MEETINGS

Saint Paul Audubon's Board Meetings are held at the Ramsey-Washington Metro Watershed District Office at 2665 Noel Drive, Little Canada. Exit 35-E at Little Canada Rd., go east to Noel, across from City Hall.

Meetings are on the 1ST Monday of the month unless otherwise noted, from 6:30 to 8:30 PM. Upcoming dates are: **December 6, and January 3**. The schedule is on the "Calendar" on the SPAS Website.

For more information or regrets, please contact president Bruce Bevis at bruce.bevis@thomsonreuters.com

Join Audubon Chapters on Facebook

If you have a Facebook account, please "like" Audubon Chapters at <http://www.facebook.com/pages/Audubon-Chapters/135555563162845> (setting up an account is easy and free at www.facebook.com). On the Audubon Chapters page, we share best practices, successes, and creative ideas from Chapters, provide helpful tips, information and links to Web resources, notifications of important dates, and participate in Q & A discussions.

Participate in the Election of Audubon's Directors!

Help shape Audubon's future! Read about the candidates at <http://www.audubon.org/board-directors>.

Submit your proxy by mail or email. The proxy card was bound into *Audubon Magazine*, November/December 2010 issue.

By participating in the election of Audubon's directors, you help play a vital role in Audubon's conservation efforts.

Thank you for everything you do for Audubon!

SAINT PAUL AUDUBON

President Bruce Bevis	651-269-7889 bruce.bevis@thomsonreuters.com
Vice President Craig Andresen	651-636-3462 candresen@comcast.net
Treasurer Richard Newmark	651-340-3487 ranewmark@yahoo.com
Secretary Tess Rizzardi	651-292-0004 mjbryand@qwest.net
Programs Chair Mark Bearss	651) 206-2270 (c) mark.bearss@co.hennepin.mn.us
Conservat'n Co-Chr Val Cunningham	651-645-5230 writers2@comcast.net
Conservat'n Co-Chr Susan Solterman	651-260-7040 (c) ssolterman@yahoo.com
Field Trips Chair Chase Davies	651-633-1663 ccdavies@aol.com
Education Chair Steve Johnson	651-776-0104 csrockclimb@yahoo.com
Membership Chair John O'Connell	651-738-8310 john-sharon-oconnell@att.net
Newsletter Editor Holly Peirson	651-464-6743 hpbirdscouter@msn.com
Newsletter Mailing Jane Schuler	651-644-5338 n/a
Chapter Phone	651-291-2596

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

Audubon Minn. 651-739-9332
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.org

ABOUT OUR NEWSLETTER

The Cardinal is published 6 times a year. Articles are due on the 5TH of January, March, May, July, Sept, and Nov. Submissions are subject to editing. Send copy to hpbirdscouter@msn.com

LOCAL SUPPORT

If you are an Audubon member and don't live in the Saint Paul area, but would like to receive *The Cardinal*, please send \$15 for a 1 year subscription to John O'Connell, 2184 Larry Ho Drive, St. Paul, MN 55119

ADDRESS CHANGES

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

SPAS' ANNUAL FUND DRIVE: CONTINUING OUR SUCCESS!

This is the only time of year that we seek your support for the great work done by the Saint Paul Audubon Society. There will be no phone calls to disrupt your dinner and no annoying pop-ups online. All you do is submit a check for your contribution in the remittance envelope provided with this issue of *The Cardinal*, or donate online at www.saintpaulaudubon.org. (If there is no envelope, you may use the box on this page.)

SPAS is a volunteer driven organization — none of the Board members, field trip leaders or committee members are paid. Nevertheless, there are expenses that must be covered. This Annual Fund Drive is our largest source of income.

Our expenses include producing and mailing *The Cardinal* newsletter. Our Programs involve speaker honoraria and meeting space rental fees. We maintain a Website and a dedicated phone line to help answer your questions. There are expenses related to a vast array of Educational programs for people of all ages from presentations at schools to a birding class for adults offered through the Maplewood Nature Center.

SPAS has provided grants to organizations which support our mission, such as purchasing binoculars for field trips at nature centers, wood for birdhouses, education programs for youth, and restoration of natural areas including buckthorn removal. Our Conservation Committee is active in restoration activities at Como Park, educational presentations such as the Tar Sands Symposium, environmental initiatives, and the publication of a booklet on Native Plants.

St. Paul Audubon sponsors Warbler Weekend in Frontenac in the spring and numerous birding trips in the metro area. We are a co-sponsor of the Ramsey County Urban Bird Festival. In addition to all of that, St. Paul Audubon, through a grant from the state Conservation Partners Legacy Grant Program, is sponsoring a major habitat restoration on 550 acres at the Janet Johnson Wildlife Management Area in Chisago county.

Our mission is to keep common birds common, and to protect species that are in decline. That mission is especially important in an era when development regularly destroys bird habitat and climate change threatens unknowable consequences. When you consider what Saint Paul Audubon has done this year to promote our mission, I am confident that you will

pledge your support for our continuing effort in the year to come.

Donors (unless they wish to remain anonymous) are recognized in the April issue of *The Cardinal* at the Egret (up to \$50), Bluebird (\$50 - \$99), or Cardinal (\$100 and above) levels.

Please contribute generously. You will be rewarded every time you see a new or unusual bird. On behalf of the entire Board of Directors I sincerely thank you for your support.

ANNUAL FUND DRIVE CHAIR DEAN DOERING

Saint Paul Audubon Society Annual Fund Drive Donation

Enclosed is my tax-deductible contribution for the Saint Paul Audubon Society, to be used for:

\$_____ *Annual Operating Fund*

\$_____ *Endowment Fund*

\$_____ *Wherever needed*

This gift is given:

___ *in memory of* _____

___ *in honor of* _____

For generous donations (of \$100 or over), you may choose to ___ receive ___ not receive a signed photograph donated by SPAS member and wildlife photographer Ron Winch

(No Fund Drive funds were used to create this gift from SPAS and Ron Winch)

Thank You Very Much for Your Support

Donor Name _____

Address _____

Phone/Email _____

If your contribution was given in memory of or in honor of someone, we will send an acknowledgement card. A card will be sent to:

Name _____

Address _____

SEND YOUR CHECK TO: Dean Doering, 1901 North Victoria Street, Roseville, MN 55113, or, you may go to the SPAS Website at <http://saintpaulaudubon.org> and click on "Support Us"

OUTINGS

Christmas Bird Count

Saturday, December 18TH

Don't miss the highlight of the winter birding season — the National Audubon Society's 111TH annual Christmas Bird Count. This longest-running "citizen science" study provides valuable data on winter bird populations, and fun for the people doing it.



You don't have to be an expert birder to participate (but we always need more experts). We can assign you to a team with an experienced leader. Each team counts the birds in a pre-determined section of our 15-mile-diameter count circle. You can go for part or all of the day, or even start listening for owls before dawn. We also need many volunteers to watch feeders within 7.5 miles of the intersection of Cty Rd B and Dale St. At the end of the day, we'll gather for a pot-luck supper and swap stories about the day's highlights as we tally the species.

The National Audubon Society requires a fee of \$5 from all field participants 19 years of age or older to help cover the society's expenses in coordinating the count. There is no fee for feeder watchers or for field participants 18 years of age and younger.

Please email Julian Sellers at JulianSellers@msn.com as soon as you can, and no later than Thursday, December 9TH. Give your name, telephone number, email address, and U.S. Postal mailing address, and state whether you'd like to participate in the field, lead a team, or watch your feeders. Please rank your birding skill level (beginner, intermediate, or experienced) and state your preferred birding style (relaxed, focused, or intense!)

About a week before the count, Julian will send the count information out via email, including team assignments, to all participants. Team leaders will then contact their team members to arrange the logistics for the count day.

Let's beat last year's totals!! 17,315 birds of 58 species.

Compiler **Julian Sellers, 651-698-5737**
JulianSellers@msn.com

6th Annual Golden Eagle Survey

Saturday, January 15TH

You too can be a **Citizen Scientist**, trained to contribute data about the ecology and identification of Golden Eagles!

Yes, you can learn to identify Golden Eagles, to differentiate them from immature Bald Eagles, and more. Then, if you choose, you may help document wintering Golden Eagles as a Citizen Scientist by surveying an assigned route, collecting and reporting data. The survey starts from the National Eagle Center (NEC) at 9:00 AM and goes until a route is completed.

Come, help document the well-kept secret that these majestic birds are in the Upper Mississippi Valley in wintertime! Learn when, and why, as well as where they hang out, and what they spend their time doing.

The only cost is the visitor's fee to NEC. The National Eagle Center is located at 50 Pembroke Avenue, Wabasha MN 55981 651-565-4989. Allow about two hrs. drive time from downtown St. Paul.

Registration: Individuals and groups should register by January 8TH at the National Eagle Center. Entrance to NEC is \$6 (\$5 for Seniors). Tell them you are with SPAS so Chase will know how many folks to watch for. Phone: 877-332-4537 or use www.nationaleaglecenter.org



Difficulty Easy

Leader Chase Davies, 65-633-1663, ccdavies@aol.com

Minnesota Ornithologists' Union's Annual Paper Session

December 4TH

The Annual MOU Paper Session will be held Saturday, **December 4, 2010** at the Bell Museum of Natural History, University of Minnesota.

Once again, Carroll Henderson has organized an outstanding group of speakers and topics. In addition to the speakers, there will also be a book sale, informational and vendor tables, possibly a live Peregrine Falcon, and several hundred people interested in birds just like you.

The agenda and registration materials are available online at <http://moumn.org/paper.html> Early registration saves a dollar off the ridiculously low admission.

Save the Date for Warbler Weekend 2011!! May 6-8, 2011



For more information please call
Deb Bachrach
at 651-690-4130 or send email
to deb.bachrach@yahoo.com

NATIONAL HAPPENINGS

Join the Great Backyard Bird Count February 18-21, 2011



October 5, 2010 — The 14th annual Great Backyard Bird Count (GBBC) is coming up on the weekend of February 18-21. The four-day event is free and is open to bird watchers of all ages and skill levels. Participants may watch birds for any length of time on one or more days of the count, and then enter their tallies at www.birdcount.org. The results provide a snapshot of the whereabouts of more than 600 bird species. The GBBC is a joint project of the National Audubon Society and the Cornell Lab of Ornithology, with Canadian partner Bird Studies Canada.

The 2010 GBBC was another record-breaker with more than 97,300 bird checklists submitted by an estimated 63,000 volunteers from across the United States and Canada. These volunteers found connecting with nature to be great fun.

"I enjoy being outdoors and birding is a source of relaxation and stress relief!" wrote one participant. "Looking and listening for birds forces me to focus on the environment around me at a higher level of intensity, and notice things I might otherwise miss."

From reports of rare species to large-scale tracking of bird movements, the GBBC provides insight into the lives of bird populations.

A few highlights from the 2010 GBBC:

- A massive roost of nearly 1.5 million American Robins was reported in St. Petersburg, Florida. Will they be back in 2011?
- The invasive Eurasian Collared-Dove keeps expanding its range. It was reported in 39 states and provinces during the 2010 GBBC. Where will this hardy dove show up next?
- Tree Swallows showed dramatic increases in numbers during the last count, possibly because of warmer temperatures and earlier migration. Will that pattern hold true for GBBC 2011?

Mid-February is chosen as the time for the Great Backyard Bird Count because it offers a good picture of the birds typically found throughout the winter months.



On the www.birdcount.org website, participants can explore real-time maps and charts that show what others are reporting during the count. The site has tips to help identify birds and special materials for educators.

GBBC participant surveys have shown that people really enjoy exploring the data and say they learn more about their local birds. "I looked at data with my 9-year-old son to help him learn about birds in our area," wrote one parent. "We talked about migration, bird flyways and compared bird counts for our area (coastal South Carolina) with where his cousins live (Wisconsin and Alabama). We found out our area has a much greater variety of birds in February than either of the other two."

Participants may also enter the GBBC photo contest by uploading images taken during the count. Many images will be featured in the GBBC website's photo gallery. All participants are entered in a drawing for prizes that include bird feeders, binoculars, books, CDs, and many other great birding products.

For more information about the GBBC, visit www.birdcount.org or contact the Cornell Lab of Ornithology at 800-843-2473.

THE GREAT BACKYARD BIRD COUNT IS MADE POSSIBLE, IN PART,
BY GENEROUS SUPPORT FROM WILD BIRDS UNLIMITED.

Congressional Sea Change Needn't Swamp Environmental Progress

Partial statement by NAS President & CEO David Yarnold on the results of the 2010 Congressional Elections.

"Americans may have voted for change in Congress, but no one voted to increase pollution. Senators should use the lame duck session to dedicate Clean Water Act fines paid by BP to the immediate restoration of America's Gulf Coast. After reporting a 1.8 billion dollar profit for the last quarter, BP should not be allowed to stick taxpayers with the bill for its disaster. Senators can also ensure that the Land and Water Conservation Fund receives full funding.

"The new Congress can also realistically defend America from the risk of diminished air quality by opposing efforts to block EPA enforcement of the Clean Air Act. Passage of a nationwide renewable energy standard can still fuel new cooperation after the new Congress convenes in January. Other climate legislation may face a tough road ahead, but a nationwide renewable energy standard that puts us on a clean energy path can still make a dent in our energy use and climate-altering emissions.

"Audubon stands ready to respond by focusing conservation and environmental protection efforts at the state, community and individual level. The election of 2010 brought a sea change to Congress, but our grassroots supporters are committed to ensuring it doesn't swamp the chances for progress toward a healthy planet for birds, wildlife and people everywhere."

BOOK REVIEWS AND BIRDING

Book Review: The Seasons of the Robin

Don Grussing, University of Texas Press, 2009

Don Grussing has accomplished something extraordinary by giving us a peek into the inner life of a songbird. He focuses on a robin from the moment the young male breaks out of his shell through all the hard lessons he learns on the way to adulthood. Grussing suggests how a bird feels, how it thinks and how it learns.

Maturing from a tiny, featherless nestling into a strong young male learning the ropes from his father, our robin emerges as a captivating, intrepid bird. He experiences the terror of a sudden, violent summer storm, the joy of worm-rich mornings and the agitation that precedes migration. Without sentimentality, *The Seasons of the Robin* shows us that robins do feel strong emotions (his parents rage as a crow grabs a nestling, for example). In order to survive from day to day, the bird draws on innate knowledge, experience and inherited memory – and what else is intelligence?

Our robin needs luck to survive his first week, his first day out of the nest, his first winter, in fact, every day is a survival challenge. Only the hardiest and the luckiest greet their first spring, having survived storms, cats, crows, cold, food shortages and diseases.

No one really knows what goes through the mind of another living being, but in this case Grussing, an outdoors enthusiast who lives in Minnetonka, makes some very plausible conjectures. This wonderful book about one of our favorite species will increase your appreciation for robins, and all songbirds.

SPAS MEMBER VAL CUNNINGHAM

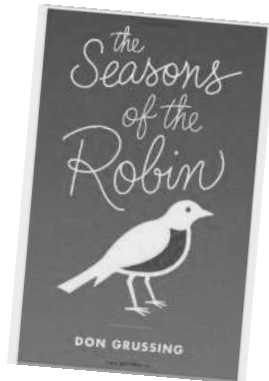
John Eastman's Bird "Guide" Series

"Birds of Lake, Pond and Marsh," "Birds of Forest, Yard and Thicket," "Birds of Field and Shore," and *"The Book of Swamp and Bog,"* all by John Eastman with illustrations by Amelia Hanson.

The back cover review on these books begins: "The --- picks up where typical field guides leave off..." You know a bird's name, but then you want to know about behavior, best times of the day and of the year to observe it, and for plants, how they grow." These books are great for taking on a long car trip or vacation. They delve into many aspects of nature, attempting to give one the whole picture. The illustrations are detailed and delightful.

Naturalist and wildlife biologist John Eastman lives in Kalamazoo, Michigan, near the Nature Center that has been re-named for him.

SPAS MEMBER HOLLY PEIRSON



"Left-Handedness" in Parrots

BY HERBERT FRIEDMANN AND MALCOLM DAVIS

Editor: In going through some older issues of "Bird Watcher's Digest," I found an article on left-billed Crossbills. That led to an internet search on left-handedness in birds, which led to this captivating description of a study. Unfortunately, it was impossible to discover where and when the study was conducted, but it's fun to read about, anyhow! For all us lefties out there!!

Having frequently observed the parrots in the bird house of the National Zoological Park in Washington at time of feeding, it occurred to us that many of the birds had a marked tendency to use the left foot almost exclusively in the grasping of food. It was thought worth seeing if this peculiarity were individual, specific, or characteristic of psittacine birds generally.

In captivity, a parrot, if fed on the floor of the cage, will descend from its perch, grasp the bit of food desired (such as a small piece of apple or carrot) with one foot, and then climb back to the perch with the morsel held tightly in the foot, using the bill as a grasping organ to aid in climbing. Upon reaching the perch, the bird then will raise the food to the beak, holding it all the while with the toes, and proceed to eat in this fashion. This mode of feeding is common to parrots generally, and is a familiar act to observers of these birds.

In order to determine the degree of left- or right-handedness, if any such differential use of the foot exists, we selected twenty birds, all caged under uniform conditions. At the morning feeding time we introduced into each of the cages a slice of apple about two inches long and a quarter of an inch wide. This food was placed on the floor in the center of the cage where it was equally approachable from both the right and the left sides. We then stepped back and recorded the action of the birds. It should be said at this point that none of the birds was shy or nervous; all were used to people and to the regular feeding methods. Several days later the test was repeated, using the same birds but substituting an equivalent slice of carrot for the apple. Parrots chew and obtain the juice from carrots, and it is practically necessary for them to use the feet when eating.

In no case did we observe shifting of food from one foot to the other. Once the food is grasped, it is eaten from the original foot. Both the apple and the carrot feedings were repeated. Each bird was given 20 tests.

The twenty individuals tested represented sixteen forms, all typical, hardy, "zoo parrots," species commonly found in collections.

ELECTRONIC RESOURCES

Watching Bird Banders at Work

Carpenter Nature Center, SE Washington Co., 4TH Fridays, 8 - noon. For info and directions, call 651-437-4359.

Lowry Nature Center, Carver Park Reserve, NC Carver Co., on 3RD Sat's, 8 - Noon/summer, 9 - Noon/Winter. Free.

Ritter Farm Park, Lakeville, also has banding dates; check with the city Parks and Rec. Dept.

Springbrook Nature Center, Fridley, Anoka Co.; for dates and times to to www.springbrooknaturecenter.org

You may be allowed to release birds. Dress for the weather!

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, at ccdavies@aol.com
You may unsubscribe at any time.

✧ Reaching Our Leaders

In Washington, D.C.

President Obama	The White House, 1600 Pennsylvania Avenue Washington, D.C. 20500, 202-456-1111 president@whitehouse.gov
US Senator	Amy Klobuchar DC 202-224-3244, MN 612-727-5220 http://klobuchar.senate.gov/emailamy.cfm Russell Senate Office Bldg, Washington DC 20510 MN: Federal Building, #298, Ft Snelling, MN 55111
US Senator	Al Franken DC 202-224-5641, MN 651-221-1016 info@franken.senate.gov 320 Hart Senate Office Bldg, Washington DC 20510
US Rep 4 TH	Betty McCollum DC 202-225-6631, 1029 Longworth House Office Bldg, Washington, DC 20515; MN 651-224-9191, 165 Western Avenue N, #17, Saint Paul, MN 55102; Internet email: www.house.gov/mccollum/contact.html
US Rep 5 TH	Keith Ellison DC 202-225-4755, MN 612-664-8000 1130 Longworth House Office Bldg, DC 20515 250 Marquette Avenue #225, MPLS, MN 55401 http://ellison.house.gov
US Rep 6 TH	Michele Bachmann DC 202-225-2331, MN 651-731-5400, 412 Cannon House Office Bldg, Wash, DC 20515 MN: 6043 Hudson Rd #330, Woodbury, MN 55125 http://bachmann.house.gov/Email_zip.htm

In Minnesota

Governor	Tim Pawlenty 75 Rev. Martin Luther King, Jr Blvd, #130, Saint Paul, MN 55155, 651-296-3391 Fax: 651-296-2089 tim.pawlenty@state.mn.us
MN Senators	To find your senator, call the Secretary of State 651-296-0504, or go to www.senate.leg.state.mn.us
MN Reps	To find your representative, call the MN House at 651-296-2146, or go to www.house.leg.state.mn.us

★ Bookmark These Sites!

Saint Paul Audubon Society is at

www.saintpaulaudubon.org

- Chapter Member Meetings • Field Trips
- local Conservation issues • Education news/happenings
- "The Cardinal" newsletter archives

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

- National and state-wide Conservation info
- map and contacts for all Audubon Chapters in MN
- State Breeding Bird Atlas info

National Audubon Society is at: **www.audubon.org**

- NAS Science research and reporting
- National Environmental & Conservation issues & action,
- NAS Education opportunities • *Audubon at Home* features
- National Centers & State Chapters clickable map

Minnesota DNR is at **www.dnr.state.mn.us**

or call 651-296-6157 or 888-MINNDNR

- **State Parks:** A-Z clickable map, historical and natural info, visitor centers, reservations, bird lists
- State Forests • Wildlife Mgmt Areas
- Scientific & Natural Areas • "Minnesota Volunteer" subscriptions • lake maps & fishing guides • wildlife info
- **invasive species** alerts and eradication information

National Wildlife Refuges are at **www.fws.gov/midwest**
(click on state)

National Parks are at **www.nps.gov** (clickable map)

Minnesota Ornithologists' Union is at **www.mou.mn.org**

- state-wide birding listserve • migration and nesting occurrence maps • 87 County bird lists • RBA (Rare Bird Alert) reports • seasonal reports • Where to Bird in MN

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**

Find a list of Minnesota birding events and checklist 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>

SAINT PAUL AUDUBON SOCIETY

PO Box 7275, St Paul, MN 55107-7275

WWW.SAINTPAULAUDUBON.ORG

December 2010 - January 2011

February March Deadline 1/5/2010

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.

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Non-profit Organization
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St. Paul, Minnesota

Time Dated Material
CHANGE SERVICE REQUESTED

'Clock Watching' Tip

As you're walking along near one of our esteemed field trip leaders, you may hear them say, 'Oh, look! At 11:00 in the maple, there's a...'

What?! Well, yes, birders use objects in the landscape as their clocks... Sort of! Look at any tree or large object, and imagine a clock imposed upon it. If the bird is at 11:00 that means it is near the top on the left-hand side!! 6:00 would then be near the ground directly under the tree, etc.

This 'tool' is very useful when trying to get a lot of people to see the same things without having to help each person individually find the bird or animal. You can also teach this to your children and grandchildren, too! It will help you help them see things quickly, before they fly away....

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

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