



MINNESOTA PLANT PRESS

VOL 6 NUMBER 3 NEWSLETTER OF THE MINNESOTA NATIVE PLANT SOCIETY SPRING 1987

WILDFLOWER SEEDLING AND TRANSPLANT SALE

One of the MNPS goals is the conservation of native plants. We can enjoy wildflowers in our gardens, without disturbing native populations, by gardening with plants started from seed and by transplants from another garden.

As part of the May meeting, a sale of wildflower garden transplants and seedlings will be held. This year there will be a \$1 charge for each plant. Proceeds will be added to the lawsuit fund.

Please help make this fundraiser a success by donating and purchasing transplants and seedlings. Plants accepted for this sale are to be native plants started from seed and native wildflower transplants from gardens. PLEASE DO NOT COLLECT WILD PLANTS FOR THIS SALE. Plants should be labeled with the plant name and name of donor. Come a little early to drop off your plants before the meeting.

MAY MEETING

The next meeting will be held on 6 May, 7:30 pm, 365 Borlaug Hall. A slide show from previous field trips will be presented followed by the wildflower plant sale.



From: Britton and Brown, 1970.

NEWS FROM THE U OF M HERBARIUM

Last December's meeting was held at the Univ. of Minnesota Herbarium, where we had a tour and presentation by Dr. Anita Cholewa, Herbarium Manager. The Herbarium, a specialized kind of museum part of the Dept. of Botany, has important roles in biosystematic research and public service. It is the 12th largest herbarium in the country, containing over 780,000 dried specimens of fungi, algae, lichens, mosses, gymnosperms, and angiosperms, with the best collection of Minnesota plants and also a very good representation of the floras of the Upper Midwest and Arctic.

The Herbarium will be increasing its public service role, providing tours and formal presentations to classes (both from the University and from local high schools and colleges) and to wildflower and garden clubs. Plant identifications will continue to be provided free of charge for the public (generally the Herbarium handles wild plants; garden plants are done by the Dial-U Extension Service). Herbarium staff may also be hosting future workshops and field trips.

For more information regarding this resource call the U of M Dept. of Botany,

PLANT IDENTIFICATION WORKSHOP -- offered by Dr. Anita Cholewa, Tuesday, 28 April or 5 May, 7-9 pm, room 182 in the Biological Sciences Center on the St. Paul Campus -- an introduction to basic floral terminology so that field guides and identification keys can be used more effectively. Space is limited so please call for reservations: Anita Cholewa or Jean Stevens
Free of charge.

TREASURER'S REPORT

Financial Statement 1 Feb 1987 - 1 March 1987

EXPENSES

Lawsuit	45.00
Postage	44.00
Printing	63.21
Total	<u>\$152.21</u>

INCOME

Membership dues	384.00
Lawsuit Fund	205.00
Total	<u>\$589.00</u>

ASSETS AS OF:

	1 Feb 87	1 Mar 87
Draft Account	1540.29	1977.08
Savings Account	10.56	10.56
Petty Cash	11.60	11.60
Total	<u>\$1562.45</u>	<u>\$1999.24</u>

LAWSUIT FUND TOTAL: \$318.00

Does not include retainer of \$500.00

A total of \$863.00 has been contributed to date

Saturday Field Trips 1987

We have listed the field trips sponsored by The Nature Conservancy. You are welcome to participate if you wish. The MNPS has scheduled additional field trips in the hopes that you will be able to participate in as many field trips as you can.

The board of the MNPS would like field trip participants to realize that the MNPS does not carry insurance of any kind.

- May 9 - TNC TRIP - SPRING WILDFLOWERS AT WOLSFELD WOODS
- May 16 - TNC TRIP - CEDAR CREEK NATURAL HISTORY AREA
- May 30 - TNC TRIP - NATURAL HISTORY OF THE CANNON RIVER VALLEY -- BY BICYCLE
- May 31 - CREX MEADOWS
- June 6 - JIM MCKEE PRAIRIE, MAPLEWOOD
- June 13 - WARNER NATURE CENTER BOG AND/OR MAY WRIGHT'S WILDFLOWER GARDEN
- June 27 - STRANDNESS PRAIRIE
- August 1 - WEAVER BOTTOMS CANOE TRIP

TNC TRIP - SPRING WILDFLOWERS AT WOLSFELD WOODS

Date: Saturday May 9, 1987
Time: 7:30 a.m. to 10:30 a.m.

Description: The towering oaks, maples and basswoods of Wolsfeld Woods comprise Minnesota's best remaining example of the Big Woods forest that once covered much of central Minnesota. This lovely 220-tract is just a half hour's drive from downtown Minneapolis.

This year, The Nature Conservancy members have been invited to join the annual "Friends of Wolsfeld Woods" wildflower and bird walk. The chance to see the wildflowers which respond to the early spring light reaching the forest floor is not to be missed. With luck, the warblers and other migrants will join the resident birds in bringing color to the treetops.

Directions: Take Hwy. 12 west from Minneapolis to the town of Long Lake. Just past the stop light, go right on Brown Road. Brown Road is a dead-end into County Road 6. Jog left about 100 yards into church parking lot.

Leaders: Evelyn Moyle and Peg Kohring. Evelyn Moyle has spent a lifetime observing and enjoying Minnesota's wildlife. She is the co-author and photographer of Northland Wildflowers. Peg Kohring is Chapter Director and an accomplished botanist.

TNC TRIP - CEDAR CREEK NATURAL HISTORY AREA

Date: May 16, 1987

Time: 9:00 a.m. to 12:00 noon

Description: Cedar Creek Natural History Area is a 5,460 acre research facility operated by the University of Minnesota in cooperation with the Minnesota Academy of Science. It is located on the Anoka Sand Plain in Isanti and Anoka counties, about 30 miles north of Minneapolis on U.S. Hwy. 65. The area contains a unique blend of forest, prairies, marshes, lakes, ponds and agricultural field.

After a slide presentation highlighting the geologic history of Cedar Creek and the research going on there, we will visit a cedar bog, upland hardwoods, ice-block lake and oak savanna habitats. In the oak savanna we will examine the effects of the spring burning program.

Directions: Meet at main laboratory (2660 NE Fawn Lake Drive). From the Twin Cities take Central Avenue north to Spring Lake Park. Continue north, on Hwy. 65 for approximately 21 miles. Exit onto County Road 24 and go east for one mile to a fork in the road (and the end of Co. Rd. 24). Turn left onto Fawn Lake Drive and travel approximately one mile. Turn right into driveway.

Facilities at Cedar Creek are available for a picnic lunch after the field trip.

Leaders: David Bosanko manages Cedar Creek and is a biologist with the University of Minnesota. Bab Delaney is a graduate student in botany at the U of M doing research at Cedar Creek.

TNC TRIP - NATURAL HISTORY OF THE CANNON RIVER VALLEY — BY BICYCLE

Date: May 30, 1987

Time: 10:00 a.m. to 4:00 p.m. (30 miles round trip)

Description: Paralleling the Cannon River for 19 miles, the Cannon River Valley Trail follows an old railroad route. Just completed in 1986, the trail transects the lower valley offering spectacular scenery and a chance to observe microclimates that harbor a diverse assemblage of bluffland plants and animals, including rare and unusual species.

Depending on weather conditions, one can expect to see sunning reptiles, nesting turtles, numerous raptors, bluebirds, and other trail users.

Scheduled stops include exploration of lichen-covered rock outcrops, blooming prairie plants, scenic overlooks, a train wreck site and the nesting areas of the wood turtle (a threatened species).

Directions: Meet at the ballfields in Cannon Falls. From the Twin Cities take U.S. Hwy. 52 south to Highway 19 exit in Cannon Falls. Go east on Hwy. 19 through downtown and make two right angle turns. Look for Bridge Street (between school and church) and turn north. At "T" intersection turn right (east) and go 1/2 mile to ballfields.

What to bring: No bicycle rental is available so bring your own, and gear suitable for a 30-mile round trip. Bring a lunch and something to drink. Toilet facilities available along the trail.

Leaders: Bruce Blair, manager of the trail since June, 1986 is a graduate of the University of Minnesota with a degree in landscape architecture. Carol Dorff is Coordinator of TNC's Registry Program and is working on wood turtle protection along the Cannon River through landowner registry.

SPRING WILDFLOWERS AND NATURAL HISTORY OF CREX MEADOWS WILDLIFE AREA

Location: Crex Meadows Wildlife Area. Burnett County, Wisconsin
Date: Sunday, May 31, 1987
Time: 9:30 - Noon

Meeting Place: Crex Meadows Headquarters, 1/2 mile north of the Village of Grantsburg. The headquarters building is in the SW corner of the wildlife area, just east of the junction of County Trunks D and F.

Specific directions to Crex are marked by signs posted from the intersection of Highways 48 and 70, as well as throughout the entire village. Crex is about 1 1/2 to 2 hours NE of the Twin Cities.

Description: Crex Meadows is a wet prairie in the basin of Glacial Lake Grantsburg. Modern conservation efforts are returning this area to a state similar to its original post-glacial condition: scrub oak prairie/wet meadow. Although deciduous forest areas remain, the major botanical highlights may be found on the prairie and in the marshes. A spectacular violet and other wildflower show is a sight not soon forgotten after a spring trip to Crex.

Leader: Jim Hoefler, Interpretive Wildlife Manager, Wisconsin DNR. Jim has spent over six years in charge of the interpretive programs at Crex Meadows and the other components that comprise the Glacial Lake Grantsburg Wildlife Management Area.

Particulars: Parts of the prairie may be wet, so be sure to bring suitable footgear. Rubber boots are not required, but you may want to bring them if you plan on doing some individual botanizing after the field trip. A hand lens and field guides will be useful, and if you are a bird watcher, be sure to bring your binoculars (Crex is famous for its waterfowl and other birds). Sack lunch if you wish.

For More Information contact: Jim Schuster,

JIM MAC KEE PRAIRIE, MAPLEWOOD

Date: Saturday, June 6, 1987
Time: 10:00 a.m. to 11:30 a.m.

Description: Jim McKee Prairie is an undisturbed remnant of black soil prairie in Ramsey County. It is owned by the City of Maplewood and is managed by the Maplewood Nature Center. The three acre site is remarkable for its purity and diversity. Among the plants in flower this day may be stargrass, hoary puccoon, Indian paintbrush, spiderwort, two-flowered Cynthia and alumroot.

Meeting Place: Meet at Maplewood Nature Center, 2659 East Seventh Street in Maplewood.

What to bring: Wear long sleeves and long pants. Terrain is not too difficult, but it may be damp.

Leader: Chris Soutter, naturalist at Maplewood Nature Center. For further information call

WARNER NATURE CENTER BOG AND/OR MAY WRIGHT'S WILDFLOWER GARDEN

Date: June 13, 1987

Time: Bog - 10:00 a.m. to 12:00 noon
Garden - 1:30 p.m. to 2:30 p.m.

BOG

Directions: Meet at the Rose and Lee Warner Nature Center Building. From the Twin Cities take Interstate 35E north to the Hugo exit, then east on Co. Rd. 14 into Hugo. Take Hwy. 61 north to Co. Rd. 4, then east 7 1/2 miles on 4 to Co. Rd. 55. South one and a half miles on Co. Rd. 55 will bring you to the Nature Center. From the Twin Cities it takes about one hour.

Leader: Tom Anderson is a naturalist at the Warner Nature Center.

What to bring: Lunch (to be east on the tree top high deck at the Nature Center); shoes for wet areas.

GARDEN

Description: May Wright's garden is a reproduction of Minnesota's three main habitats: northwoods, deciduous, and prairie. The 200 species of wildflowers and ferns native to Minnesota are used for germination and culture studies. There should be something blooming in each area.

Directions:

Leader: Dr. May Wright has given several lectures at MNPS meetings concerning germinating and growing native plants. She is a wealth of information on the subject.

STRANDNESS PRAIRIE

Date: June 27, 1987

Time: 11:00 a.m. until 2:30 p.m.

Description: Strandness Prairie is a tall grass prairie that has never been plowed or grazed. There are wet, mesic and dry portions in the 37 acres giving a feeling of vastness of the original prairie. Two hundred species of plants grow there. This is an excellent time to see many in bloom such as the Death Camass and the vetches.

Directions: Meet at the Canon Bowl Restaurant at the top of the hill in Glenwood. From the Twin Cities take Interstate 94 to Sauk Center. Then go west on Hwy. 28 Glenwood. It takes about 3 hours from the Twin Cities.

What to bring: Lunch, comfortable shoes, and rain gear.

Leader: Ellen Ordway is a biology teacher at the University of Minnesota - Morris. She is well acquainted with the prairie through her insect research and teaching.

WEAVER BOTTOMS CANOE TRIP: LOTUS IN BLOOM AND OTHER AQUATIC PLANTS

Date: Saturday, August 1, 1987

Time: 10:00 a.m.

Description: Weaver Bottoms is a backwater of the Mississippi River and is composed of a diversity of wetland plant communities including deep marsh, shallow marsh and floodplain forest. The emphasis of the trip will be observing and identifying wetland plants. The highlight of the trip will be (hopefully) observing the extensive lotus beds in bloom. We will see a wide variety of submergent, floating-leaved and emergent plants. Also observed should be a number of species of waterfowl and wading birds. We will not be canoeing any great distance but simply using the canoes for easy access to the wetland plant communities.

Directions: Weaver Bottoms is located in Wabasha County between Kellogg and Minneiska. From the Twin Cities, take Hwy. 61 south to the Weaver boat landing. The landing is just off the east side of Hwy. 61. Look for U.S. Fish and Wildlife Service refuge sign and the Weaver railroad shack. If you cross the Whitewater River, you have gone too far south. It is about a 2.00-2.5 hour drive from the Twin Cities.

What to Bring: Canoe (if you have one), insect repellent, lunch, rain gear, and camera.

Leader: Steve Eggers, an ecologist with the Saint Paul District Corps of Engineers.

LANDSCAPE DESIGN CONFERENCE - Native Plants: How, Why, & What

23-24 April, Wyndham Hotel Southpark, Austin TX
Sponsored by the National Wildflower Research Center; for more information call 512-929-3600. (The recent issue of "Smithsonian" magazine has a lovely article on the Wildflower Research Center, which by the way was started by Lady Bird Johnson.)

Vacationing outside Minnesota this summer? Other wild flower societies may be able to help plant hunters with field trips or other information. Contact the following organizations before you go:

New England Wild Flower Society
Hemenway Rd.
Framingham MA 01701

Northern Nevada Native Plant Society
Box 8965
Reno NV 89507

Virginia Wildflower Preservation Society
P.O. Box 844
Annandale VA 22003

Field Botanists of Ontario
45 Massey Street
Bramalea, Ontario L6S 2V8

METRO AREA CALENDAR OF EVENTS

- 21-23 April -- Women in Natural Resources: Moving Towards the 90's; Holiday Inn East (I-94 and McKnight Rd., St. Paul); conference focusing on women involved in resource management on a day-to-day basis; for more information and registration call Ann Mayhew or Kathy Bolin
- 23 & 30 April -- Woodland Wildflowers
10 am - Noon; U of M Landscape Arboretum;
2-session mini-class on wildflower identification;
\$10 members, \$15 non-members; preregistration required;
612-443-2460 for information and registration
- 29 April - 2 May -- Art in Bloom
exhibit at the Minneapolis Institute of Art; floral displays will complement art from the Institute's permanent collection; the 80 piece Minnich Collection of botanical prints and drawings will also be on display;
612-870-3045 for information
- 3 May -- Twin Cities Spring Flora
9 am - noon; sponsored by the Bell Museum of Natural History; explore Nine Mile Creek with botanist Robert Bergad;
\$4 members, \$5 non-members; paid registration deadline 17 April; 612-624-1852 for information
- 6 May -- The Future of Secondary Tropical Forests
10 am, North Central Forest Experiment Station, UM St. Paul campus; presentation by Dr. Frank Wadsworth from the Forest Service's Institute of Tropical Forestry, Puerto Rico
- 9 May -- Plant Sale, Garden Club of Ramsey County
8 am - 2 pm; Messiah Episcopal Church, 1631 Ford Parkway, St. Paul
- 14 May -- Why the Concern About Tropical Forest?
Noon, North Central Forest Experiment Station, UM St. Paul campus; presentation by Dr. Franklin Barnwell, Dept. of Ecology & Behavioral Biology, U of M.
- 16 May -- Plant Sale, MN State Horticultural Society, 7th Dist.
10 am - 4 pm; Como Conservatory, Como Park, St. Paul
- 16 May -- Plant Sale, U of M Landscape Arboretum
10 am - noon: members only
noon - 2 pm: general public
612-443-2460 for information

17 May -- Family Canoe Trip on St. Croix River

9 am - 5 pm; sponsored by the Bell Museum;
\$14 members, \$16 non-members; fee includes canoe, shuttle
back to car, and basic instructions; space limited;
paid registration deadline 1 May; 612-624-1852 for
information and registration

23-25 May -- Family Camping at Afton State Park

Friday evening through Sunday; sponsored by the Bell
Museum; \$25 adult members, \$20 children members, \$30 adult
non-members, \$25 children non-members; paid registration
deadline 8 May; 612-624-1852 for information and registration

LAST CALL for 1987 dues. This is the last newsletter for lapsed memberships;
check your mailing label for membership status.

Minnesota Native Plant Society Membership Registration

Mail to: Minnesota Native Plant Society, 220 Biological Sciences Center, Univ. of Minnesota, St.
Paul, MN 55108

_____ New Member

_____ Renewal

Membership Categories:

\$8.00	_____ Individual	\$6.00	_____ Senior (over 62 or retired)
\$10.00	_____ Family (Two or more related individuals at same address)	\$15.00	_____ Institution
\$6.00	_____ Student (Full-time)	\$25.00	_____ Donor

Name _____ Address _____

City _____ State _____ Zip _____ Phone _____

U. OF M. CAMPUS ADDRESS: _____

MNPS DIRECTORY

Board of Directors

Harriet Mason, President
Ruth Phipps, Treasurer
Jim Shuster, Secretary
(Note: a vice-president has not yet been appointed)
Neil Anderson, Director-at-large
Steve Eggers, Director-at-large
Dave McLaughlin, Director-at-large
Christine Soutter, Director-at-large
May Wright, Director-at-large

Many thanks to Roger Eliason, past Treasurer, and especially to Sandy Hansen, past Secretary. Sandy will be leaving the area to take up residence and botanizing along the east coast. We will miss you greatly Sandy!

Newsletter staff:

Anita Cholewa
Debbie Olmstead
Roberta Sladky

If you have a news item, article, or other information that should be included in the next issue of the Minnesota Plant Press, please send it to Anita or Roberta, Dept. of Botany, Univ. of Minnesota, St. Paul, MN 55108.

Minnesota Plant Press may be obtained through membership in the Society: \$8 individual, \$10 family, \$6 student.

Minnesota Plant Press is published by
the Minnesota Native Plant Society,
220 Biological Sciences Center
University of Minnesota
St. Paul, MN 55108