

*Wisconsin
Phenological Society
Financial Statement*

*for the fiscal year
beginning March 31, 2012 and
ending March 31, 2013*

Balance as of March 31, 2012	\$2,601.15
Withdrawals	\$208.44
Deposits	\$74.00
Interest	\$1.53
Balance as of March 31, 2013	\$2,468.24
<i>Waukesha State Bank, 100 Bank Street PO Box 648 Waukesha, WI 53187</i>	

**Phenology on the
World Wide Web**



The internet is full of phenological possibilities. Check out the following links:

- ♣ www.usanpn.org - The USA National Phenology Network website. Participation by citizen scientists is strongly encouraged.
- ♣ www.usanpn.org/natures_notebook - The USA National Phenology Network Nature's Notebook online observation system
- ♣ www.usanpn.org/lilac - The USA National Phenology Network Cloned Plants Project
- ♣ www.naturenet.com/EarthAlive - Phenology for children, families and classrooms.
- ♣ budburst.org - Project Budburst—a NEON field campaign

Please support the Wisconsin Phenological Society's objectives by paying annual dues or becoming a life member. Annual dues are used primarily to defray the mailing cost of this Newsletter.

Name _____

Address _____
(street) (city) (state) (zip)

Check the Appropriate items:

- \$2 for 2013/14 dues
- \$_____ as further contribution to the work of the Society
- \$50 Lifetime Membership
- Please delete my name from the membership list
- Please send me information regarding programs of the Wisconsin Academy of Sciences, Arts and Letters

Please send the above information along with your dues to:
Mark D. Schwartz, President, Wisconsin Phenological Society
c/o Geography Department, UW-Milwaukee, PO Box 413, Milwaukee, WI 53201

Data collection sheets are no longer being used. Please register and report your observations at http://www.usanpn.org/natures_notebook. If you do not have access to the Internet, contact Mark D. Schwartz and request a paper observation form.

Wisconsin Phenological Society 2013

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WPS Annual Spring Meeting

Please join us for our Annual Spring Meeting
On Saturday, May 4, 2013
From 1:00 - 4:00 pm
UW-Milwaukee Field Station
3095 Blue Goose Road
Saukville, WI 53080

Those who plan to attend should visit www.fieldstation.uwm.edu for directions or call Mark D. Schwartz at (414) 229-3740.

MESSAGE FROM THE PRESIDENT

What a difference a year makes! As I write this message (during the last few days of March), I recall that at this time in 2012 the lilacs in my Shorewood backyard were already fully leaved. Last year was the *earliest start of spring ever measured* in southeastern Wisconsin, based on temperatures recorded in Milwaukee which extend back to 1871, and my models which can simulate the start of spring plant growth using that temperature data. Further, 2012 was also the earliest spring since 1900 (the earliest geographically comprehensive temperature data exist) when averaged across the entire “lower 48” United States. In contrast, Spring 2013 looks as if it will be later than normal, following this March, which has seen temperatures well below normal.

My graduate students and I continue to work on projects funded by the National Science Foundation (NSF). One supports my research work, and the other is for development of the USA-National Phenology Network (USA-NPN) Research Coordination Network (RCN). An exciting new feature this year is our joining the “PhenoCam” network (<http://phenocam.sr.unh.edu/webcam/>) by installing cameras to record phenological changes taking place in Downer Woods on the UW-Milwaukee campus (<http://phenocam.sr.unh.edu/webcam/sites/downerwoods/>) and at the UW-Milwaukee Field Station (<http://phenocam.sr.unh.edu/webcam/sites/uwmfieldsta/>). An image is saved each hour during the daylight period. These data will allow us to compare our field observations of tree phenology at these two sites with “near surface” remotely-sensed images, and make comparisons to other sites across North America and around the world.

We continue to seek ways to expand affiliation and coordination with the USA National Phenology Network (USA-NPN), see <https://www.usanpn.org/>. I encourage everyone to register and observe phenology using the USA-NPN Nature’s Notebook on-line system https://www.usanpn.org/natures_notebook. Remember that all of the original WPS plant and animal species are included in the USA-NPN’s species available for observation. See the full list by selecting WPS from the “Partner” shown at https://www.usanpn.org/nn/species_search. Again this year we will include an “outdoor interactive” experience in the WPS Spring meeting (scheduled for Sat., May 4th starting at 1:00pm), along with helping members gain skill and excitement for taking and recording phenological observations (last year we had beautiful weather, so let’s hope we can make that two years in a row). The meeting will start with a short introduction to phenological monitoring and talk about the monitoring done at the UW-Milwaukee Field Station (FS). Then we will go out and tour the phenological monitoring and associated activities at the FS, such as the weather station, lilac garden, global phenology garden, tree swallow nest boxes, as well as taking a short walk in the woods following the transect used for native plant monitoring. We will point out phenophases of trees along the way and identify wildflowers in bloom, etc. After the outdoor tour, we will come back to the FS for some refreshments, and a demonstration of using the USA-NPN website to enter data. I look forward to seeing many of you there on May 4th.



Mark D. Schwartz
President

2013 NATURAL HISTORY WORKSHOPS at the UWM FIELD STATION

*The University of Wisconsin-Milwaukee Field Station
conducts a series of Natural History Workshops*

These workshops offer an opportunity to study focused topics at college-level instruction under the guidance of noted authorities. We offer two-day and week-long workshops, and housing and meals are available at the Station.

Enrollment is limited to 20, the atmosphere is informal and instruction is individualized. Workshops may be taken for graduate or undergraduate credit by enrolling in UWM, Topics in Field Biology. Fees vary. Please contact the Field Station for more information and a registration form, or visit our website at <http://www4.uwm.edu/fieldstation/workshops/> for full descriptions of each course, fee information, and a downloadable Registration Form. The 2013 summer workshop schedule includes eight courses:

Wildlife Inventory and Monitoring

Instructor: Dr. Gary Casper
May 31 & June 1 (Friday & Saturday)

Common Algae of the North Kettle Moraine

Instructor: Paul Engevoold
Aug. 16 & 17 (Friday & Saturday)

Breeding Birds of Wisconsin

Instructors: William Mueller,
Dr. Owen Boyle, and Jennifer Callaghan
June 1 - 8 (Saturday - Saturday)

Lichens: Charismatic Cryptograms

Instructor: Dr. Suzanne Joneson
Sept. 6 & 7 (Friday & Saturday)

Vegetation of Wisconsin

Instructors: Dr. James Reinartz
June 17 - 22 (Monday - Saturday)

Aquatic Invertebrates

Instructors: Dr. Gretchen Meyer and
Robert Clare
June 28 & 29 (Friday & Saturday)

Ecological Geology

Instructor: Dr. Robert Kuhns
July 8 - 12 (Monday—Friday)

Grasses: Identification and Ecology

Instructor: Dr. Robert Freckmann
July 26 & 27 (Friday & Saturday)

2013 Natural History Workshops

University of Wisconsin-Milwaukee
Field Station

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