

Nature Notes

For the
week of
January
26-31

From your friends at Saint John's Arboretum!

Wind Chill Getting You Down?



Photo courtesy of Tony Gawarecki

What exactly is "wind chill" and what effect does it have on your body?

- In weather lingo, 'temperature' and 'wind chill' have two different meanings: temp measures how cold it is, while wind chill records how cold people actually feel.
- The wind chill temperature factors in the amount of heat lost from the surface of the body when skin is exposed to outside air.
- Besides the wind, metabolism rates can also affect how cold the wind makes you feel. A full stomach diverts some of the energy needed to maintain body temperature. Eating smaller meals can help preserve body heat!
- When going outside, be sure to cover your head and neck. These areas account for 40-50% of body heat loss.
- A wind chill temp below -58°F on an exposed forehead can result in unconsciousness in just minutes!
- Fun fact: perhaps one of the lowest recorded wind chill temperatures for the Twin Cities area was -67 °F on January 22nd, 1936!

Sources:

- <http://www.nws.noaa.gov/om/windchill/windchillglossary.shtml>
- http://www.bbc.co.uk/weather/features/health_culture/wind_chill_effects.shtml
- http://www.climate.umn.edu/doc/journal/historic_windchills.htm

Upcoming Arboretum Events

12th Annual Owl Hoot

Thursday, February 10, 2011

Indoor Lecture: 6:30-8pm

Optional Outdoor Hike: 8-9pm

Learn about the twelve species of owls that can be heard even in the coldest of Minnesota winters in an indoor lecture, then join us for an optional outdoor hike to call for owls living at Saint John's! Cost is free for Arboretum members and \$5 for non-members. Call 320.363.3163 or email arboretum@csbsju.edu to sign up!

Living in the Avon Hills Conference

Saturday, February 12, 2011

8:00 am—4:00pm

Quadrangle, SJU

Join in a day filled with enthusiasm for the natural world! Start the day with this year's keynote speaker [Jim Brandenburg](#), a Minnesota native and photographer for National Geographic. Then, choose from a variety of [sessions](#) ranging from art, natural history, gardening and more! [Register online](#) by February 7th. [Student Scholarships Still Available!](#) You pay \$10, the Environmental Studies department pays \$10 (students of all majors are eligible). For that price, you're on your own for lunch, but can attend the full conference! *Enter the code [scholarship11](#) and your student ID in the comment box on the [registration form](#).*

MN Natural History Lecture: Capturing the Essence of Place

Presented by Joel Truckenbord, Nature Photographer

Monday, February 21, 6:30-8pm

New Science Center, SJU

Join us for part one of this season's lecture series featuring three local nature photographers! Using a large format camera and sheet film, Joel takes an experiential approach to representing the essence of place. His presentation explores the methods behind his photographs while providing helpful tips in taking your own photos.

Maple Syrup Festivals

Saturday, March 26

Saturday, April 2

Mark your calendars for our annual maple syrup festivals! Sap collecting, syrup cooking, horse-drawn rides, demonstrations, and hot maple syrup make this a fun-filled event! Stay-tuned for more maple syrup events, including the date for our student Tapping Day when we attempt to tap over 1,000 trees in just three hours! Sign up on our [volunteer list](#) if you are interested in helping with this year's events.

If you would like to be on the volunteer e-mail list for the Arboretum, please e-mail your name and graduation year to: arboretum@csbsju.edu.

We'll be in touch...

Your friends at the Arboretum

It's your backyard, so get out and play!

***Nature Notes is a weekly publication designed to keep you informed about exciting events offered by the Arboretum!

Saint John's Arboretum
104 New Science Building
Collegeville, MN 56321-2000
320.363.3136

www.csbsju.edu/arboretum