

LPF Bee Hunting Schedule

- 09:00** - Meet at the HWY 10 Burger King parking lot. (100 21st St N Moorhead, MN 56560)
- 09:15** - Carpool/caravan to LPF: Ulen Prairie site.
- 10:15** - Convene at LPF: Ulen Prairie site.
- 10:25** - Introduction to the Site and the Bee Hunt!
- 10:30** - BEE HUNT!
- 11:30** - Photo download and HONEY TASTING!
- 12:00** - Send Off and Return to Moorhead.

Questions or comments can be directed to:

D. Bryan Bishop, PhD

Associate Professor, Concordia College
bishop@cord.edu

Peter Schultz, PhD

Director, Longspur Prairie Fund
schultz@longspurprairie.org

The Longspur Prairie Fund is proudly sponsored by the following local businesses and foundations:



OFFICE SIGN
COMPANY



Bee Hunt Instructions



www.longspurprairie.org

The **LPF Bee Hunt** is part **research project** and part **prairie field trip**. The bee hunt is a great way to learn about pollinator ecology and other aspects of the Red River Valley's natural history. During the LPF Bee Hunt, **YOU are the scientists!** By following and engaging the scientific method, participants **collect, contribute, and learn** from real-world biological data. Most importantly, **bee hunting is a blast!**

Field science is challenging and rewarding. One of the most important aspects of field science is **accurate and consistent data collection and observation**. One of the bee hunt's main purposes is to help young scientists and other participants develop an understanding of these principles.

In order for it to have scientific value, a bee hunt is dependent upon good data collection. Scientists --that's you!-- need to know: **1) where** the bees were found; **2) when** the bees were found; **3) the habitat type and weather conditions** in which the bees were found; and most importantly **4) on which plant** the bees were found.

Dr. Bishop will take care of the first three of these. The fourth part -- where we need your help -- is **the bee hunt!**

How do you hunt bees? With your camera!

(In order to hunt bees with your camera, your camera must be able to pass the "dime test." It's easy! Take a picture of a dime. If you can read "E PLURIBUS UNUM" on your photograph, then your camera passes the dime test!)

Once you've got the dime test down there are **five steps to bee hunting**:

- 1) Find a bee or other insect. (Butterflies, bees, wasps, ladybugs are top priority!)**
- 2) When you find your target, take a close up picture of the bee or insect.**
- 3) Next, take a picture of the plant's stem and leaves.**
- 4) Next, take a picture of the whole plant that it's resting on.**
- 5) Once you have successfully hunted fifteen different bees or insects, return to Dr. Bishop to upload your data into his computers.**

That's it! You're a bee hunter!

