

VOLUNTEER TRAINING

Volunteer Citizen Scientists needed for KBB population surveys and vegetation surveys of KBB habitat.

June 18, 2013—Wild Rose Hatchery Education Center, N5871 Hwy 22, Wild Rose WI 54984

June 12, 2013—West Region—Black River Falls Site TBD

June 14, 2013—Grantsburg

TRAINING SCHEDULE:

Morning—Plant Identification

Lunch—Bring a bag lunch and beverage

Afternoon—Field session

Please email or phone Joan Voigt to register for training. Plan to bring a bag lunch, beverage, hat, field shoes.



Volunteers are needed from these areas:

Black River State Forest: Jackson County / Millston, Black River Falls, Melrose, Whitehall, Hixton, Neilsville, Osseo, Augusta, Galesville, Trempealeau, Tomah.

Meadow Valley Wildlife Area: Juneau County / Mather, Babcock, Meadow Valley, Finley, Sprague, Necedah, Tomah, Warrens, Wisconsin Rapids Wyville.

White River Wildlife Area: Green Lake County / Berlin, Green Lake, Neshkoro, Princeton, Ripon, Montello.

Mecan River: Marquette County/Dakota, Newton, Wautoma

Greenwood Wildlife Area: Waushara County / Hancock, Coloma, Plainfield, Wautoma Wild Rose, Almond, Bancroft,

Wisconsin Rapids.

The Karner blue butterfly is federally-listed as endangered. It occurs in 7 states (NH, NY, OH, IN, MI, WI, and MN) all of which are helping to recover the species. **Wisconsin supports the greatest number of butterflies!**



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Karner Blue Butterfly Recovery Project

WDNR KBB
TRAINING FOR FIELD
VOLUNTEERS
June 2013



*Ecosystem & Diversity Conservation
Bureau of Endangered Resources*

Volunteers Needed to Assist with Recovery Efforts for the Karner Blue Butterfly!

Karner Blue Butterfly



Male



Female



Underwing

The Karner blue is a small butterfly, having a wingspan of approximately one inch (about the size of a postage stamp!)

Rare oak savanna and jack pine barrens habitat are where the KBB calls home.



Wild lupine

The wild lupine plant is essential for the Karner blue butterfly's survival as it is the only host plant the caterpillar will eat. Wild lupine prefers dry, sandy soils in open to partially shaded habitat.

Assistance is needed to set up survey sites and to conduct KBB population surveys and KBB habitat surveys for the 2013 season (June-August). Sites are located in Central, Western, and Northwest Wisconsin.

- Site setup uses GPS field units to mark survey lines and habitat plot centers
- Habitat data is used to evaluate site suitability for KBB and restoration needs
- Emergence surveys pinpoint the start of KBB flights on each recovery property
- Presence/absence surveys tell us if lupine and Karners exist on new sites
- Abundance surveys help us track the progress of new, growing KBB populations
- Population surveys give us KBB counts for established recovery populations.



- Skills needed: Data recording, submit reports timely by Email or FAX
- KBB and plant identification
- Map reading and GPS navigation skills



- Volunteers need to visit sites once a week for 3 weeks in a row July-Aug.
- Be able to read maps to locate field sites.
- Be prepared to bring water, snacks, sunscreen and bug spray, and wear appropriate attire, such as hat.
- CONDITIONS: summer weather can be sunny, hot and humid and hiking through brush and rough terrain.
- Volunteers need to provide transportation to field sites.



Photos courtesy of Anna Hess.