

Wisconsin Karner Blue Butterfly Habitat Conservation Plan

2004

Effectiveness & Self Monitoring Report Form

Level 1: Lupine Presence/Absence

Purpose

Report on this form results of lupine presence/absence Effectiveness Monitoring surveys conducted on shifting mosaic (SM) and new permanency of habitat (POH) sites during Summer 2002. You may also use this form for Self Monitoring surveys.

General Instructions

If you are using this form for Effectiveness Monitoring, return the completed form by **September 15, 2002** to:

Wisconsin Department of Natural Resources, Attn: Sarah Carter, ER/4, 101 S. Webster St., PO Box 7921, Madison, WI 53707-7921

If you are using this form for Self Monitoring, summarize results on your Annual Report Form each year and submit a copy of this form to the WDNR at that time. Questions? Contact Scott Bernstein (608-264-6039; Scott.Bernstein@dnr.state.wi.us) or Dave Lentz (608-261-6451; lentzd@dnr.state.wi.us). Refer to appendix G of the Karner Blue Butterfly Habitat Conservation Plan for specific information about Effectiveness Monitoring Protocols. **Remember to keep a copy of this form for your records!**

Partner & Surveyor Information

Are you using this form for (check one): Effectiveness Monitoring Self-Monitoring

Date of survey: 2004

Name of landowner/partner: EAU CLAIRE CO. FOREST

Name of surveyor: TOM LOVEJOY

Have you completed Effectiveness Monitoring Training from the Wisconsin DNR (check one): No Yes

If yes, what is the most recent year you took this course: _____ (certification is generally valid for 2 years)

If no, who were you trained by: _____

Site Location & Description

If this is an effectiveness monitoring site, a label should be attached below. Cross out and correct any incorrect information on the label.

Site code: _____ County: EAU CLAIRE

Site name: BIG FALLS RIFLE RANGE

Legal description: Township 27 N Range 8W Section 19

Quarter: _____ Quarter Quarter (Q & QQ optional; required for WDNR sites)

Site size (acres): _____

Management strategy type (check one):

Shifting Mosaic Right-of-way

Barrens, prairie, or savanna habitat

Other: _____

Lupine Observations

Check here if site is not valid and should be removed from the site pool. Briefly describe reason (e.g. under water, not on partner property): _____ If so, please contact Sarah Carter (608-264-6039) asap so a new site can be assigned.

1. Is lupine present on the site? (circle one): Y N (If no, stop here!)

2. Are there at least 25 plants or clumps of lupine, at a density of 50 lupine plants/acre, or 25 lupine plants/200 meters for linear (e.g. right-of-way) sites? (circle one): Y N

3. Indicate the approximate sizes (in acres) of the following: Habitat area: _____ Lupine area: _____ Nectar area: _____

4. Distribution pattern of lupine (circle one): 1 2 3 4
(scattered patches) (uniform throughout)

5. Relative abundance of lupine (check one): Dominant Locally abundant, frequently encountered
 Infrequent Rare, few plants seen

6. Additional comments about sites with lupine (check all that apply):

Browse

Ants

Mildew

Encroaching trees

Competing with (e.g. bracken, knapweed, sedges, shrubs, etc)

Lots of young plants

Early flowering

Late flowering

Road salt

Agricultural sprays

Other chemicals: _____

7. Other comments: _____

Nectar Plant Information (optional)

Please assess the general availability of nectar plants during each Karner blue butterfly flight period, and indicate whether individual nectar plant species are present on the site. Note that some nectar plants may not be present or flowering during both flight periods (early flowering species are generally listed before later flowering species in the table).

General availability of nectar plants during 1st flight period (circle one): Plentiful Good Minimal

General availability of nectar plants during 2nd flight period (circle one): Plentiful Good Minimal

Nectar plants	Present? (circle one)	
Lupine	Yes	No
Rock Cress	Yes	No
Wild strawberry	Yes	No
Violets	Yes	No
Dewberry	Yes	No
Blackberry	Yes	No
Downy phlox	Yes	No
Daisy fleabane	Yes	No
Flowering spurge	Yes	No
Leafy spurge	Yes	No
Hawkweed	Yes	No
Yarrow	Yes	No
Cinquefoil	Yes	No
Puccoon	Yes	No

Nectar plants	Present? (circle one)	
Clover	Yes	No
Common milkweed	Yes	No
Butterfly milkweed	Yes	No
Bergamot	Yes	No
Asters	Yes	No
Goldenrod	Yes	No
Horsemint	Yes	No
Leadplant	Yes	No
Coreopsis	Yes	No
Fleabane	Yes	No
Black-eyed susan	Yes	No
Blazing star	Yes	No
Other:	Yes	No
Other:	Yes	No

Site Map

Attach or draw in the space below a site map with lupine patches and nectar plant patches clearly indicated. Supply enough information for future surveyors to be able to relocate and survey the habitat within the site by including landmarks, waterways, distances, cardinal directions, transect locations, etc.

NO LUPINE IN STAND

LUPINE ALONG TRAILS BUT NOT IN STAND