




## Management Opportunities... Voluntary Conservation

 **You can manage your woodlands** without compromising your timber, wildlife or recreation objectives.

 **To conserve Karner blue habitat on your property...**consult with a professional forester before implementing any management practice.

 **Timing and methods used are important** to conserve or promote Karner blue habitat. If you will be preparing a site, planting trees, thinning, pruning, harvesting timber, or building roads, contact a forester to discuss your options. Such activities can be modified to foster Karner blue habitat.

## For More Information...

If you are interested in conserving or creating Karner blue habitat on your land please contact the following organizations for information on meetings, workshops, cost-share programs or locating a forester in your area:

United States Fish & Wildlife Service  
(608) 221-1206  
Wisconsin Dept. of Natural Resources  
(877) 452-7637  
Wisconsin Woodland Owners Assoc.  
(715) 346-4798

## *A Stewardship Opportunity For Your Woodlands...*

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And the  
Wisconsin Tree Farm Committee  
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*A Stewardship  
Opportunity For Your  
Woodlands...*

# Karner Blue Butterfly

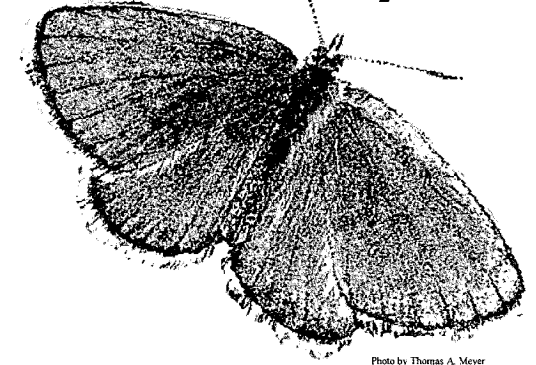


Photo by Thomas A. Meyer

**Basic information...** on the Karner blue butterfly...and its habitat requirements...



**Voluntary management considerations...**

available to you for the stewardship of your woodlands... applicable if you own less than 1,000 acres in Wisconsin...





## Karner Blue Butterfly Habitat Conservation Plan...

Karner blue butterfly listed in 1992 under Endangered Species Act (ESA).

Though rare in many states, Karner blues are relatively abundant in Wisconsin.

A 5-year effort led to a statewide Habitat Conservation Plan (HCP).

The HCP provides some private landowners a simple, non-threatening alternative to mandatory, and often burdensome regulations.

26 partners... from forest industry, county, state and federal forests, utilities, government agencies, and conservation groups... share responsibility for the Karner blue's survival.

These partners designed an innovative approach for conserving the needs of the Karner blue and Wisconsin citizens.

### How Does This Affect You ?

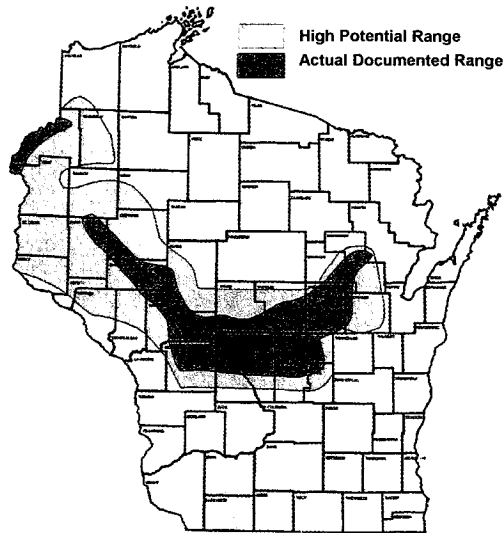
HCP partners designed a voluntary outreach and educational program for Wisconsin private landowners who own less than 1,000 acres statewide.

Voluntary guidelines do not apply if you own more than 1,000 acres in Wisconsin; contact the DNR to learn more about your HCP requirements.

The HCP will ensure the butterfly's survival by using active forest management to conserve and enhance the Karner blue and its habitat.

Help is available for landowners wishing to voluntarily conserve the Karner blue and its habitat.

## Karner Blue in Wisconsin...



## Karner Blue's Life History...

Two broods of young are produced each year... one in the spring, one in the summer...

**April...** Larvae emerge from eggs that have over-wintered and feed on wild lupine (the Karner's only known larval food plant).

**Late May...** Larvae pupate

**Late May-early June...** Adults emerge. The butterfly then mates and lays eggs on the lupine.

**Mid-July to early August...** The second brood emerges. Their eggs over-winter and hatch in April.

## Karner Blue's Habitat...

Karner blue butterflies are found in parts of Wisconsin (see map), on land having...

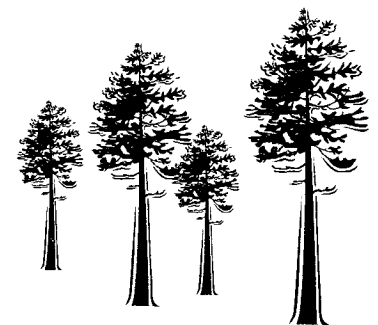
**Sandy soil with wild lupine present...**

Karner blues are typically found..

**In numerous, scattered openings, along forest edges, near cultivated fields, near road and utility rights-of-way and recently disturbed areas.**

**Tree species in these areas may include jack pine, red pine or scrub oak.**

If you have land with these characteristics, you may have a unique opportunity to provide habitat for the Karner blue butterfly on your property.



**A Stewardship Opportunity  
For Your Woodlands...**