



USDA FOREST SERVICE **international programs**

Monarch Butterfly Project

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WHY IS THE FOREST SERVICE WORKING INTERNATIONALLY?

- Promote sustainable forest management worldwide.
- Impact global natural resource policies
- Learn from other countries
- Assist countries in responding to disasters
- Internationalize the Forest Service

Wings Across The Americas



The poster features a background image of a vast field of tall grasses and yellow wildflowers under a soft, hazy sky. The title 'WINGS ACROSS THE AMERICAS' is prominently displayed in a large, dark serif font. Below it, the subtitle 'a us forest service program to conserve birds, butterflies and bats' is written in a smaller, dark sans-serif font. Three circular inset images are arranged horizontally: a black and white bird with a bright yellow throat, a monarch butterfly on a white flower, and a bat perched on a cactus. At the bottom, the program's name is repeated in Spanish and French, followed by the U.S. Forest Service logo and the 'wings across the americas' logo.

WINGS ACROSS THE AMERICAS
a us forest service program to conserve birds, butterflies and bats

UN PROGRAMA PARA CONSERVAR AVES, MURCIÉLAGOS Y MARIPOSAS
UN PROGRAMME POUR LA CONSERVATION DES OISEAUX, DES CHAUVES-SOURIS ET DES PAILLONS

 



MIGRATORY SPECIES- MONARCH BUTTERFLY

COOPERATION WITH MEXICO

- Working in the region since 1993
- CONANP, NGOs and communities in and around the Reserve
- Technical assistance and training - forest inventory, GPS/GIS utilization, and design and maintenance of trails.
- Study tours to PNW



MIGRATORY SPECIES IN LATIN AMERICA

MONARCH BUTTERFLIES -- ALONG THE FLYWAY

- Monarch Flyway Conservation Workshop Dec. 2006 (Mission, Texas)
- North American Monarch Conservation Plan
- Monitoring and Habitat Assessment/Management Handbook
- Monarch Workshop – Forest Service personnel



MIGRATORY SPECIES- MONARCH BUTTERFLY

OTHER INITIATIVES

- Partnership with El Valor
- Monarch Live

El Valor Students – Service Learning Project



El Valor Students at Sierra Chincua



MONARCHLIVE

A DISTANCE LEARNING ADVENTURE

Beginning Fall 2008



The annual migration cycle of the monarch butterfly (*Danaus plexippus*) is one of the most spectacular events in the insect world. Every year, millions of delicate but hardy monarchs and their offspring migrate thousands of miles from Canada and the United States to overwinter in just 12 mountain peaks in Michoacán, Mexico.

This magical journey has also been deemed an "endangered natural phenomenon." This species and its migration are dependent on conservation of habitats in all three North American countries – United States, Canada, and Mexico.

Join in this magical and mysterious journey with Monarch Live and follow their journey throughout the 2007-08 school year. In February 2008, take your class on a live, interactive electronic field trip to Mexico where we will join scientists studying monarchs and local people who are preserving their winter habitat.

- Link up with classrooms that are studying monarchs and creating gardens.
- Connect with organizations with educational resources.
- Meet scientists.
- Find resources in English and Spanish.



Partners:

- **US Forest Service** <http://www.fs.fed.us/monarchbutterfly/teacherandstudent/index.shtml>
- **Prince William Network** <http://www.pwnet.org>
- **Monarchs in the Classroom** <http://www.monarchlab.umn.edu/>
- **Project Learning Tree** <http://www.plt.org>



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Monarch Live Objectives

- Develop a basic knowledge of the life cycle and biology of monarch butterflies,
- Inspire schools and students to create and conserve habitat through education and awareness.
- Link students and conservation efforts in the United States, Mexico and Canada
- Increase participation in and understanding of monarch citizen-science programs, such as Monarch Larva Monitoring Project, Monarch Watch, Journey North, and Project Monarch Health,
- Understand the role of citizens, public land management agencies, and non-governmental organizations in protecting and conserving habitat.



Monarch Live- Potential Partners

- CONANP
- Alternare
- El Valor
- Houston Wilderness
- ??????



HOW TO CONTACT US

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