

## Milkweed / Ozone / Monarch Web Sites

One site has all these topics: <http://dnr.wi.gov/org/caer/ce/eeek/earth/field/milkweed/index.htm>. This is the **DNR's Environmental Education for Kids! [EEK!] site**. This is also the site for Milkweed Monitoring data from Wisconsin classrooms, so bookmark it now!

### MILKWEED:

<http://www.monarchwatch.org>

#### **Monarch Watch**

Probably the best guide on the web to milkweed, and definitely one of few that aren't dedicated to eradicating the plant!

<http://www.nearctica.com/nathist/vascular/wildflwr.htm>

#### **Wildflower Notes of Ithaca/Thomas County**

Features several clear photos of milkweed plants and some standard botanical info.

<http://insected.arizona.edu/milkinfo.htm>

#### **Milkweed Bug Information**

This site discusses the Milkweed Bug, its habitat, behaviors, impact on plants, and how to collect them.

<http://www.ivyhall.district96.k12.il.us/4th/kkhp/1insects/bugmenu.html>

#### **Amazing Insects**

This site also discusses the Milkweed Bug, and the Monarch Butterfly. Great REAL photos!

### OZONE:

<http://dnr.wi.gov/org/aw/air/>

#### **The DNR Air Management Pages**

These pages have information about ground-level ozone and stratospheric ozone, several pages devoted to biomonitoring, and links to plenty of other resources.

<http://www.smogcity.com>

#### **Smog City**

An interactive, online game developed by the Sacramento Metropolitan Air Quality Management District to educate kids about ground-level ozone.

<http://www.planetpolluto.com/>

#### **Save Planet Polluto!**

Kids learn about air quality and respiratory health through fun games on this site.

<http://www.epa.gov/teachers/>

#### **EPA's Teacher Site**

Lots of good info here. If you follow the 'Curriculum Resources and Activities' Link, you'll find a page of air activities, some of which are focused on ozone.

<http://www.ecobadge.com/index.html>

#### **Vistanomics**

This company manufactures the ECO-Badge, an inexpensive ozone-detecting device. It works kind of like litmus paper, and can be used in conjunction with Milkweed Monitoring to track ground-level ozone.

<http://www.epa.gov/airnow>

#### **EPA's Ozone Mapping Pages**

These pages have animated images of ground-level ozone formation and transport.

<http://www.wsl.ch/lm/publications/books/ozonaffects-de.ehtml>

**Ozone Affects: A Virtual Journey into Leaf Injury**

This CD-ROM shows how ozone affects our native woody species. It presents a virtual journey into leaf injury from the tree crown to the cells based on scientific research at the Swiss Federal Institute for Forest, Snow and Landscape Research.

**MONARCHS:**

<http://www.monarchwatch.org>

**Monarch Watch**

Probably one of the most complete sites on the monarch – it has EVERYTHING.

<http://www.pca.state.mn.us/kids/c-august.html>

**Minnesota Pollution Control Agency Kids' Page**

This page highlights a 'Creature of the Month.' August is the monarch, and it features a thorough fact page.

<http://www.learner.org/jnorth>

**Journey North 1999**

This program tracks the journeys of a dozen migratory species, including the monarch, each spring. Students share their own field observations with other classrooms. In addition, students are linked with scientists who provide their expertise directly to the classroom. Several migrations are tracked by satellite telemetry, providing live coverage of individual animals as they migrate.

<http://www.milkweedcafe.com/index.html>

**Milkweed Café**

This site sells butterfly-raising kits, videos, etc. But the best feature is a page with two QuickTime movies showing the process of butterfly metamorphosis. There are also photos of the metamorphosis, if your computer will not play the movies.

<http://www.surfnetkids.com/butterfly.htm>

**Surfing the Net with Kids**

This site has lots of stuff you may want to browse. Monarch-wise, this page is a list of links about butterflies, particularly monarchs.

<http://midgefrazel.net/monarchtheme.html>

**Classroom Resources for Butterfly Studies**

This page is a resource page developed by Midge Frazel, a technology consultant specializing in education, small business and public libraries.

**OTHER WDNR SITES**

<http://www.airdefenders.org/>

**Air Defenders**

Air Defenders is a community education resource about open burning, air quality and respiratory health. Kids learn through science, social studies, and music based lessons. Appropriate for 4-8<sup>th</sup> grades.

<http://www.easybreathers.org>

**Easy Breathers**

Easy Breathers is not just a Web site - it's a way of life. It's about choices - about understanding that how you get from place to place directly affects the environment, this "matrix we all live on." Easy Breathers shows that the choices we make today affect our world tomorrow.

<http://dnr.wi.gov/org/caer/ce/greenschools/>

**Green and Healthy Schools**

Wisconsin Green & Healthy Schools program is a web-based, voluntary program available to all public and private elementary, middle, and high schools across Wisconsin. The program encourages teachers, staff, students and parents to work together to use the school, its grounds, and the whole community as learning tools to help teach, promote, and apply healthy, safe and environmentally sound practices.