



# Which Monarch Community Science Program is Right for You?

What interests you?

What time can you spend?

Where are you?

When can you participate?

What would you like to do?

Check out this program!\*



15 min +



At least once in spring, summer, or fall

Identify milkweed or any monarch stage



15 min+



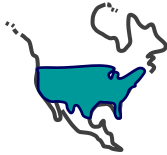
As convenient, when milkweed is visible

Identify milkweed, or any monarch stage

**mission monarch**



30 min +



At least once annually

Sample scales from wild or reared adult monarchs



45 min to 1 hour



Weekly when monarchs are breeding

Identify milkweed *and* immature monarchs



1 hour +



At least once in spring, summer, or fall

Identify milkweed, or any monarch stage



45 min to 3 hours +



At least monthly when monarchs could be present

Identify milkweed, flowering plants, or any monarch stage



15 min+



As convenient, when monarchs are present

Identify any monarch stage

**MonarcaMX**



30 min+



At least once during fall migration

Safely handle and tag wild or reared adult monarchs



2-3 days



1-2 times annually in fall & winter

Identify adult monarchs

**Western Monarch Count**



15 min +



Once when milkweed is visible

Identify milkweed



Habitat



Eggs, larvae, and pupae



Adults

\*See reverse side for details



# Which Monarch Community Science Program is Right for You?



Tracks migration and life cycle events of monarchs across North America. In spring, report sightings of first arrival, first egg and larva, and first milkweed emergence. During summer, report monarch egg, larva, and milkweed presence. Beginning mid-August, report fall monarch migration and location of fall roosts. This is a program of the UW-Madison Arboretum. **Training:** Online. **Data submission:** Online. <https://journeynorth.org/>



Documents monarch reproductive success by gathering data on monarch and milkweed distribution and abundance in developed and natural areas. Shared observations are available online. This is a program of the Montreal Space for Life Insectarium. **Training:** Online. **Data submission:** Online. <https://www.mission-monarch.org/>



Tracks the spread of *Ophryocystis elektroscirrha* (OE), a monarch butterfly parasite. Request a free sampling kit from the program. Follow instructions to submit the samples for diagnosis and you will receive a copy of the results. This is a program of the University of Georgia. **Training:** Online. **Data submission:** Mail paper datasheets. <https://www.monarchparasites.org/>



Studies factors that affect monarchs during the breeding season, determining how populations vary in time and space. Inspect milkweed plants for monarch eggs and larvae as often as weekly. Conduct other activities, such as rainfall tracking or estimating monarch survival through rearing, as time and interest allow. This program is run jointly by Monarch Joint Venture and UW-Madison Arboretum. **Training:** Online and in person. **Data submission:** Enter paper datasheets online. <https://monarchjointventure.org/mlmp>



Tracks the distribution and phenology of monarchs and milkweeds in the Western U.S. Participants are encouraged to upload photos of monarchs and milkweeds. This is a partnership among The Xerces Society, Idaho Department of Fish and Game, Washington Department of Fish and Wildlife, National Fish and Wildlife Foundation, and US Fish and Wildlife Service.. **Training:** Online. **Data submission:** Online or mobile app. <https://www.monarchmilkweedmapper.org/>



Tracks monarchs and their habitat to better understand habitat availability, quality, and use by monarchs in different land-use types. Adopt a high priority site near you or select your own site. Choose among activities related to habitat quality, monarch reproduction, and behavior. This is a program of the Monarch Joint Venture. **Training:** Online and in person. **Data submission:** Enter paper datasheets online. <https://monarchjointventure.org/mjvprograms/science/immpp>



Tracks monarchs of all life stages throughout Mexico. This is a program of Correo Real, an initiative to protect monarchs in Mexico. **Training:** In app. **Data submission:** Within app; download app from your app store.



Provides information on timing and pace of the migration and origins of monarchs and success in reach Mexico. Coded tags are placed on the hind wings of wild or reared monarchs in the **Eastern U.S.** Tagging kits, available online, include instructions with data sheet. This is a program of the University of Kansas. **Training:** Online. **Data submission:** Online or mail. <https://www.monarchwatch.org/>



Tracks migrating and breeding patterns of monarchs in **AZ, CA, NV, NM, UT, and western CO** primarily by tagging monarchs during fall migration and winter. Order small, lightweight stickers with unique identifying numbers and place them carefully on wings of wild or reared monarchs. **Training:** In person or online. **Data submission:** Email or mobile iOS app (iPhone, iPad, etc.). <https://swmonarchs.org/request-tags.php>



Estimates the western monarch population size and evaluates habitat in overwintering grounds. Connect with a Regional Coordinator to become trained and assigned a monitoring site. Survey your site during a focal period around Thanksgiving and New Year's Day. This is a program of The Xerces Society. **Training:** In person. **Data submission:** Online, mail, or mobile app. <https://www.westernmonarchcount.org/>



Tracks the number of milkweed stems available to monarchs. It encourages participation from farmers, ranchers, private landowners, and others who have added pollinator habitat to their land since 2014. Data are added to a nationwide database of monarch conservation efforts in a way that protects location privacy. **Training:** In app. **Data submission:** Within app; download app from your app store.