

## Table 1. Summary of Current Monarch and Butterfly Citizen-Science Projects

Source: Dr. Karen Oberhauser, Monarch Lab of University of Minnesota, <http://monarchlab.org> (as of fall 2013)

Project and Web Address	Start Year	Type of Data
Journey North <a href="http://www.learner.org/jnorth">http://www.learner.org/jnorth</a>	1994	Monarch sightings during spring and fall migrations throughout North America
Monarch Larva Monitoring Project <a href="http://www.mlmp.org">www.mlmp.org</a>	1996	Weekly surveys of monarch eggs and larvae, habitat, and parasitism rates throughout North America
MonarchHealth <a href="http://www.monarchparasites.org">www.monarchparasites.org</a>	2006	Sampling adult monarchs for OE spores throughout North America
Monarch Watch <a href="http://www.monarchwatch.org">www.monarchwatch.org</a>	1992	Tagging during fall monarch migration throughout North America
Southwest Monarch Study <a href="http://swmonarchs.org">http://swmonarchs.org</a>	2003	Fall monarch tagging, habitat reports in southwestern US
Monarch Monitoring Project <a href="http://www.monarchmonitoringproject.com">www.monarchmonitoringproject.com</a>	1990	Fall monarch censuses, tagging demonstrations in Cape May NJ
St. Marks National Wildlife Refuge	1988	Fall monarch tagging in panhandle of FL
Peninsula Point Monarch Research Project	1996	Fall monarch censuses, egg and larva monitoring, tagging in the Upper Peninsula of MI
Western Monarch Thanksgiving Count <a href="http://www.xerces.org/western-monarch-thanksgiving-count">www.xerces.org/western-monarch-thanksgiving-count</a>	1997	Counts at western monarch overwintering sites (coastal CA)
Monarch Alert	2001	Fall and winter monarch

<a href="http://monarchalert.calpoly.edu">http://monarchalert.calpoly.edu</a>		censuses and tagging in CA
MBBR Surveys <a href="http://www.wwf.org.mx">www.wwf.org.mx</a>	1992	Biweekly measurements of area occupied by monarchs during winter in Mexico
Correo Real <a href="http://www.profauna.org.mx/monarca">www.profauna.org.mx/monarca</a>	1992	Monarch sightings during spring and fall migrations in northern Mexico
North American Butterfly Association <a href="http://www.naba.org">www.naba.org</a>	1975	Annual butterfly censuses (all species) within 15-mile-diameter circles, individual observations throughout North America
Butterfly Monitoring Networks (IL, OH, FL, IA, MI) Various websites	1987 and later	Multiple counts (all species) within years (~5-10) along fixed transects in each state at locally appropriate times
Butterflies and Moths of North America Sightings Program <a href="http://butterfliesandmoths.org">http://butterfliesandmoths.org</a>	2005	Photos (all species) submitted to project website and verified by experts throughout year throughout North America
eButterfly <a href="http://www.ebutterfly.ca">www.ebutterfly.ca</a>	2012	Photos (all species) submitted to project website and verified by experts in spring, summer and fall throughout North America

