

Citizen Science Apps and Sites

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eBird

www.ebird.org

A real-time, online checklist program, eBird has revolutionized the way that the birding community reports and accesses information about birds. The observations of each participant join those of others in an international network of eBird users and is with a global community of educators, land managers, ornithologists, and conservation biologists.



Project Feederwatch

www.feederwatch.org

Project FeederWatch is a winter-long survey of birds that visit feeders at backyards, nature centers, community areas, and other locales in North America. FeederWatchers periodically count the birds they see at their feeders from November through early April and send their counts to Project FeederWatch.



NestWatch

www.nestwatch.org

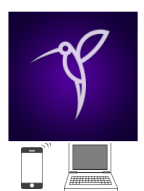
NestWatch is a nationwide monitoring program designed to track status and trends in the reproductive biology of birds, including when nesting occurs, number of eggs laid, how many eggs hatch, and how many hatchlings survive. Follow the directions on the website to become a certified NestWatcher, find a bird nest, visit the nest every 3-4 days to record what you see, and then report this information on the site.



iNaturalist

www.inaturalist.org

Every observation can contribute to biodiversity science, from the rarest butterfly to the most common backyard weed. We share your findings with scientific data repositories like the Global Biodiversity Information Facility to help scientists find and use your data. All you have to do is observe.



Hummingbirds at Home

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

Audubon's Hummingbirds at Home program was designed to mobilize citizen scientists across the U.S. to bolster current research by documenting the feeding patterns of hummingbirds. Choose among reporting single sightings, or monitoring a whole patch for hummingbirds on a regular schedule, or monitoring species at a single nectar source.



HerpMapper

www.herpmapper.org/

Your observations of reptiles and amphibians can make valuable contributions on the behalf of amphibians and reptiles. Create records of your herp observations and keep them all in one place. In turn, your data is made available to HerpMapper Partners who use your recorded observations for research, conservation, and preservation purposes.



Firefly Watch

<https://www.massaudubon.org/get-involved/citizen-science/firefly-watch>

Firefly Watch combines an annual summer evening ritual with scientific research. Observe your own backyard or nearby field to help scientists map fireflies. No specific scientific training required. Participating in Firefly Watch requires just a fraction of your time.



Butterflies and Moths of North America (BAMONA) project

www.butterfliesandmoths.org

Participate by taking and submitting photographs of butterflies, moths, and caterpillars. Citizen scientists of all ages and experience levels participate by taking photographs of butterflies and moths and then submitting your observations.



OdonataCentral (Dragonfly ID) (iphone/ipad)

www.odonatacentral.org

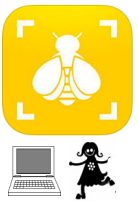
Submit dragonfly and damselfly observations through photos to build a database generating information on the distribution, biogeography, biodiversity, and identification of Odonata (dragonflies and damselflies) in the Western Hemisphere.



BugGuide

www.bugguide.net

An online community of naturalists who enjoy learning about and sharing our observations of insects, spiders, and other related creatures. We collect photographs of bugs from the United States and Canada for identification and research.



Bumble Bee Watch (iphone/ipad)

www.bumblebeewatch.org

Participating in Bumble Bee Watch is simple. Go out and check your garden, parks, or other natural areas you frequent for bumble bees. Snap a photo and submit your data via the Bumble Bee Sightings form. Have fun while learning more about bumble bees in our environment!



The Great Sunflower Project

www.greatsunflower.org/

Count pollinators wherever you go and on any plant. You can even count if you can't identify the plant species. The best and most useful way to contribute is to focus on a particular site. Each time you visit your area, do a pollinator count on any of the plants in that space.



Monarch Larva Monitoring Project

<https://monarchlab.org/mlmp>

Help from volunteers across the country gives scientists a bigger and better understanding of the health of the monarch population and will aid in conserving monarchs. Find a site with milkweed, and search plants weekly for signs of Monarchs.



Journey North

www.learner.org/jnorth

Journey North engages students and citizen scientists in tracking wildlife migration and seasonal change. Choose from a variety of projects and record nature's response to the seasons. This site is good for educators and students tracking and journaling scientific observations.



Project Noah (My Noah) (iphone/ipad?)

www.projectnoah.org

Created to provide people of all ages with a simple, easy-to-use way to share their experiences with wildlife. Collect important ecological data and help preserve global biodiversity. Teachers have access to resources and missions for the classroom where students earn patches.



Nature's Notebook

www.usanpn.org/natures_notebook

Join more than 15,000 other naturalists across the nation in taking the pulse of our planet. You'll use scientifically-vetted observation guidelines, developed for over 1000 species, to ensure data are useful to researchers and decision makers.

Key to Symbols



Mobile App



Website



Membership Fee



Child Friendly



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