

LISTING OF CITIZEN SCIENCE PROGRAMS AVAILABLE IN TENNESSEE

(this list is wide-ranging, but almost certainly not comprehensive)

LOCAL

[https://www.etsu.edu/news/2017/12-dec/](https://www.etsu.edu/news/2017/12-dec/nr_luffman_founders_park_water_level.aspx)

[nr_luffman_founders_park_water_level.aspx](https://www.etsu.edu/news/2017/12-dec/nr_luffman_founders_park_water_level.aspx) - citizens can read the water level using a staff gauge installed under the Sevier St. bridge. They then text the water level to a phone number provided on a nearby sign. The program then collects all of the contributed data and combines it with precipitation data from a weather station in the watershed to better understand the relationship between stream stage and precipitation events in the watershed. Questions? Contact Ingrid Luffman at **luffman@etsu.edu**.

<http://warnerparks.org/tag/citizen-science/> - Friends of Warner Park citizen science projects based in Nashville

<https://nashville.arocha.us/citizen-science/> - citizen science local to Nashville led by a Christian conservation organization that integrates earth stewardship with lived faith

[https://www.memphisbotanicgarden.com/default.aspx?](https://www.memphisbotanicgarden.com/default.aspx?p=86596&evtid=705672:10/31/2018)

[p=86596&evtid=705672:10/31/2018](https://www.memphisbotanicgarden.com/default.aspx?p=86596&evtid=705672:10/31/2018) - a program to monitor the Monarch butterflies of the Memphis Botanic Garden

TENNESSEE

<https://tnacifin.com/> - the Freshwater Information Network created by the Tennessee Aquarium Conservation Institute makes it easy for anglers and others to record, identify, and share their fish finds.

<https://www.tnplantconservation.org/> - a statewide organization to prevent rare plant species extinctions, which will be soliciting volunteers for projects by sometime in 2020.

<https://www.sewanee.edu/offices/oess/domain/citizen-science/> - citizen science projects sponsored by Sewanee, the University of the South

<https://extension.tennessee.edu/WebPacket/Pages/NYCU-2017-10-04-AgCasts.aspx> - UT Institute of Agriculture project focused on home vegetable gardens

MULTI-STATE INCLUDING TENNESSEE

<https://www.inaturalist.org/projects/southeastern-grasslands-initiative-sgi> - the parent page for many native grassland survey projects throughout the Southeast organized by the Southeastern Grasslands Initiative using iNaturalist. For a list of specific SGI projects on iNat, click "read more." As of June 2019, SGI is seeking volunteers for the **[Tennessee Highway Grassland Project](#)**. Also, follow SGI's Facebook events page for notice of bioblitzes and other volunteer activities **https://www.facebook.com/pg/southeasterngrasslands/events/?ref=page_internal**

<http://gsmit.org/citizen-science/> - citizen science projects led by the Tremont Institute at Great Smoky Mountains National Park

<https://dlia.org/iscience/> - a citizen science program for grades 5-8 offered with support of the Tennessee Valley Authority, using the iNaturalist app. Their **[iNaturalist leaderboard](#)** shows the schools participating and their results to date. Also, follow TVA's Facebook events page for notice of bioblitzes and other volunteer activities. **https://www.facebook.com/pg/TVA/events/?ref=page_internal**

<https://sbdn.org/bat-blitzes/#toggle-id-4> - for those batty about bats, bat blitzes are organized across the Southeast by the Southeastern Bat Diversity Network

NATIONAL/GLOBAL

<https://ebird.org/home> - the world's largest biodiversity related citizen science project, makes it easy for birders to share their observations.

<https://www.inaturalist.org/> - the premier platform for cataloguing and identifying geographically defined species occurrences, conducting bioblitzes, and other types of surveys using crowd-sourced knowledge.

https://www.usanpn.org/natures_notebook - the premier platform for recording and sharing phenological observations (ie. seasonal changes in plants and animals)

<https://www.pwrc.usgs.gov/bbs/RouteMap/Map.cfm> - Consult the North American Breeding Bird Survey route map to see which routes are open and need volunteers. The Breeding Bird Survey (BBS) is a long-term program established in 1966 to monitor the status and trends of North American bird populations through the participation of highly skilled observers. David Hanni, Tennessee Coordinator for the Breeding Bird Survey, is looking for new volunteers to take over some BBS routes in Tennessee.

<https://monarchs.maps.arcgis.com/apps/MapTools/index.html?appid=a8ee4d5131b942bba3bb72f931c70aab> - the Integrated Monarch Monitoring

Program, established in 2015, asks volunteers to survey specified sites. According to the Monarch Joint Venture, this program is especially important because it integrates data on habitat-milkweed and nectar plants-with data on Monarch use, which really hasn't been done before at this scale. The geographically distributed data allow evaluation of how monarch habitat and its use vary across ecoregions, latitude, elevation, and climatic conditions. Ecologically representative sampling collects data on all habitats that may be suitable for monarchs, rather than just easily accessible sites or known habitat locations. The **IMMP map** shows the top 500 priority sampling blocks in the nation. See a block near you? There are 12 blocks in the top 1% priority level located in TN plus dozens more in the top 5%. If you would like to monitor within one of these blocks, please email the Monarch Joint Venture at monitoring@monarchjointventure.org

<http://www.hummingbirdsathome.org/> - for those who want to help hummers

<https://nestwatch.org/> - all about monitoring nests without disturbing the birds

MORE CITIZEN SCIENCE LISTS

<https://tnnaturalist.org/citizenscience.html> - a listing of citizen science programs in Tennessee

<https://phys.org/news/2018-11-citizen-science-role-agricultural.html>

<https://monarchjointventure.org/get-involved/study-monarchs-citizen-science-opportunities> - myriad ways of studying Monarch butterflies from the Monarch Joint Venture

<https://www.scientificamerican.com/citizen-science/?page=2&category=sustainability>

- a wide-ranging listing of citizen science projects ranging from astrophysics to wildlife.

<https://www.zooniverse.org/projects?discipline=nature&page=1&status=live> - a listing of nature projects by the **Citizen Science Alliance**

<https://scistarter.com/finder> - a search engine/database for finding citizen science projects that fit your interests