

STEAM Programming for Diverse Populations
Amy Koester - June 14, 2016
<https://infopeople.org/civcrm/event/info?reset=1&id=556>

List of Civic/Citizen Science Resources

BioBlitz (<http://nationalgeographic.org/projects/bioblitz/>) - The BioBlitz is a concept overseen by the National Geographic Society (NGS), which partners with the National Park Service every year to host events at parks across the country to record presence of plant and animal life in different geographic areas. Libraries and other organizations can host their own BioBlitzes using resources available from NGS.

Celebrate Urban Birds (<http://celebrateurbanbirds.org/>) - Founded at and run through the Cornell Lab of Ornithology, Celebrate Urban Birds (CUB) is a civic science project meant to engage diverse urban populations in collecting data about bird presence in urban areas. CUB partners with community organizations like libraries and also provides education kits and grant funding to some of their partners.

Great Backyard Bird Count (<http://gbbc.birdcount.org/>) - The Great Backyard Bird Count (GBBC) is a project developed by the Cornell Lab of Ornithology in conjunction with the Audubon Society. The official GBBC takes place over a series of days each year, during which time groups and bird watchers of every age are encouraged to observe the avian creatures in their own backyards and to share that data with the project.

Great World Wide Star Count (<http://www.windows2universe.org/starcount/>) - The Great World Wide Star Count is an annual event during which citizen scientists across the globe are encouraged to look for constellations where they live. The reports about visible constellations help to create a map of light pollution across the world.

World Water Monitoring Challenge (<http://www.monitorwater.org/>) - Access to safe, drinkable water is a major issue around the globe. The World Water Monitoring Challenge provides resources and equipment for libraries and other groups to test the bodies of water in their areas, bringing awareness to the issue of water quality and helping to create a map of areas in need of access to water.

Zooniverse (<https://www.zooniverse.org/>) - Zooniverse is a platform for a myriad of civic science opportunities. Projects range from monitoring climate and visualizing animal populations to identifying galaxies and explore the surface of Mars. Libraries can make an account to get started collecting and analyzing data for use by scientists across the globe.