Citizen Science Projects

If you would like to contribute to scientific research about the natural world around you, check out some of the citizen science projects below! Citizen Science Projects outsource some of the tasks required for research projects allowing the public to be involved in important scientific discoveries.

You can find other projects by visiting the project finder by Australian Citizen Science Association and the Atlas of Living Australia, or this interactive widget by Guardian Australia.

Animals

Birds

- **Aussie Backyard Bird Count** Spend 20 minutes outdoors during October and record the birds you see.
- **Beach-nesting Birds on the Birdata App**
- **Birds in Backyards** Collect data to help shed light on how urban birds are faring and how our gardens and behaviours can impact the birds that visit.
- **Cockatoos in the Hood** Why have red-tailed black cockatoos moved to the city and how are they altering their behaviours to adapt to urban living?
- **CockyWatch** How does the abundance of black-cockatoos change across different habitats, different regions and from year to year? Contribute to estimated populations sizes for all three species of black cockatoos across the Southwest.
- **Fairywren Project** Record sightings and plumage of fairy wrens to contribute to an answer about how environmental conditions influence time of plumage molt and group composition and size.
- **Great Cocky Count** On a specific night in autumn monitor a known roost site and count black cockatoos to provide a snapshot of black-cockatoo populations and change over time.
- **Operation Rainbow Roost** Rainbow Lorikeets are declared pests. Contribute to information about their numbers and distribution to help inform their management. Operation Rainbow Roost occurs at the end of February and roost sites are counted.

Insects and Arachnids

- **Butterflies Australia** Record butterfly sightings.
- **Wild Pollinator Count** Help to identify native pollinator species, understand their ecology and how they are affected by human activities.

Mammals

- **Dolphin Watch** Share dolphin sightings and photos to help track their movements, identify individuals, determine behaviours and provide an early warning system for dolphin entanglements.
- **Report a Water Rat Project** Record sightings of native water-rats (Rakali) to help uncover where they occur in the wild and how well they are doing.
- **Spring Quenda Count** Contribute to an understanding of where quendas are currently living and whether their distribution and populations are changing.

Reptiles and Amphibians

- **Frog ID** Provide data for the protection and conservation of frogs.
- **TurtleSAT** Record where you see turtles, their nests and evidence of turtle deaths to help understand their populations and threats.

Plants and Fungi

- **Fungimap Australia on the iNaturalist platform** Record and map fungi.
- **The Dead Tree Detective** Collect observations of dead or dying trees around Australia and to help work out the cause, identify trees that are vulnerable, and take steps to protect them.

Climate Change

- [ClimateWatch](#) Contribute to an understanding of how changes in temperature and rainfall are affecting the seasonal behaviour of Australia's plants and animals. (Visit our ClimateWatch Trail at Piney Lakes Reserve!)
- [Camera trap digitisation – Bushfire Recovery Projects](#) Spot animals in photographs captured by automated cameras in burnt areas to help researchers better understand the impacts of fire on biodiversity and ecosystems.

Waste

- [Australian Marine Debris Initiative](#) Collect data to create a comprehensive overview of what amounts and types of marine debris are impacting beaches around the country.
- [Adopt-a-Bin](#) Empty and audit a local fishing line bin on a weekly basis.

Other

- [QuestaGame](#) A mobile game that takes you outdoors to discover, map and ultimately help protect life on our planet. Sightings contribute to real research and conservation.
- [DigiVol](#) Help to digitise biodiversity data locked up in field notebooks, survey sheets and other collections.
- [Wildlife Spotter](#) Look for animals in wilderness photos taken by automated cameras around Australia and help provide insight to animal populations.
- [iNaturalist](#) Share your observations or have others identify them for you.
- Citizen Science opportunities [for recreational fishers](#)

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