

# PLANTS AND FUNGI

## Want to get your class involved in citizen science?

- Find a project that will engage and inspire your students!
- Learn how to deliver your own bioblitz.
- Find teaching resources prepared by citizen science groups.
- The Office of the Queensland Chief Scientist can facilitate introductions between teachers and citizen science groups.

Visit [chiefscientist.qld.gov.au/stem-education/citizen-science](http://chiefscientist.qld.gov.au/stem-education/citizen-science)



Have you seen a macadamia tree in your neighbourhood? Tell the **Wild Macadamia Hunt**



Some fungi are poisonous! Submit photos of fungi you find to **Macrofungi Hotspotting** and **Fungimap**



Old or dead trees have hollows which are great nests for birds and mammals. Tell **Veteran and Significant Tress of the Redlands** or **Dead Tree Detective** if you see one



How healthy is our bushland? Find out with **Griffith University Arboretum Tree Register** and the **Evaluation of large-scale tree plantings in Brisbane project**



Orchids are beautiful and fragile—if you see one in the bush, tell **Wild Orchid Watch**



Wander through mangroves looking for fruits, flowers and animals with **Mangrove Watch Cairns** or **Mangrove Watch Moreton Bay**

# SPACE AND STORMS

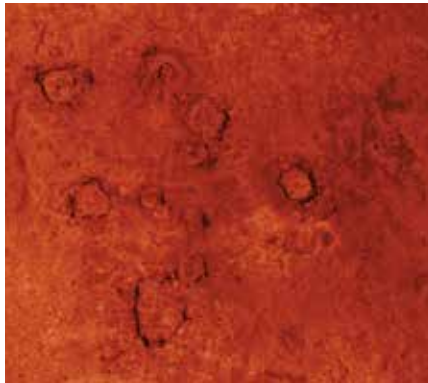
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Have you seen a ‘shooting star’ or fireball? Tell **Fireballs in the Sky** so astronomers know where it landed and where in space it came from



Classify craters on **Mars at Planet Four**—these photos were taken with cameras on board the Mars Reconnaissance Orbiter



If you have access to a computer and the internet, you can help astronomers classify images of galaxies with **AstroQuest** and black holes with **Galaxy Zoo Radio**



How much energy does your household use? Calculate it on **CSIRO Energise**



Explore all the space-themed citizen science projects available on **Zooniverse**



Join the **Storm Spotter Network** (if you’re over 18) or use the **Weather** app to record any large hail, wind gusts, tornadoes or heavy rainfall you see

# RIVER AND REEF

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Visiting the Great Barrier Reef? Take part in **ReefBlitz**, **CoralWatch**, **Saving Nemo—IC-ANEMONE**, **Eye on the Reef**, or **One Reef and the Better Earth Volunteer Network**



Coral reefs occur all along the Queensland coast—why not take part in the **Reef Life Survey** and **Restore Pumicestone Passage projects?**



Waterways flow into the ocean and can carry sediment or rubbish with them. Monitor the health of waterways with **The Cooloola Sediment Investigation (CSI)**, **MyWater**, **Port Curtis Harbour Watch Citizen Science Water Quality Project**, **Eye On Water** and **Bulimba Creek Water Watch**



If you can't travel to the reef, let the reef come to you! Explore and classify underwater images in **Virtual Reef Diver**



Take a **Coastal Walkabout** (part of the South West Marine Research program)



Hate seeing rubbish at the beach? Help clean up our coastlines with **Marine Debris Beach Cleanups**, **Take 3 For The Sea**, **Australian Marine Debris Initiative (AMD)** or **DuneWatch**

# COASTAL CREATURES

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Help scientists learn more about marine turtles and their nests with **TeamTurtleCQ**, **TurtleCare** and the **Queensland Turtle Research Program**



If you see a sawfish—in the wild or in an old photo album—tell the **Citizen Scientist Sawfish Program**



Take part in the **Gold Coast Sea Slug Census** to spot beautiful nudibranches



Seagrass is home to many different species. You can help track seagrass health with **Watergum Seagrass** and **Seagrass-Watch**



Let **Moreton Bay Dugong Watch** know if you see a dugong

# THE DEEP SEA

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Going fishing? Add photos and measurements of your catch to **SCF Citizen Science—Recreational Fishing Program, InfoFish, Fisheries Monitoring/Keen Angler Program** or **ANGFA QLD Spatial Data**



That doesn't normally live here! **Redmap** (Range Extension Database and Mapping project) want to know if you see marine species outside of their usual habitat



Share your shark and ray sightings with **Shark Base, Grey Nurse Shark Watch, Wildbook for Whale Sharks** and **Project Manta**

# INSECTS AND REPTILES

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If you see a crocodile in Queensland report it to **CrocWatch** and remember to stay safe!



Take part in a **BioBlitz** and you too could help find 38 new species in just 48 hours! Join **Cooloola BioBlitz** and **Gold Coast BioBlitz I-III**



Waterbugs are great indicators of water health and are cute to boot! Find some today and share pictures with **Waterbug Blitz** and **Watergum Waterbugs**



Want to find some cool insects? Get inspired with **School of Ants**, **Bees in the 'burbs in a biodiversity hotspot**, **The Caterpillar Conundrum**, **Bugcatch Survey**, **Butterflies Australia** and **Wild Pollinator Count**



Where have you seen frogs in your neighborhood? Tell **FrogWatch**, **Find A Frog in February** and **Frog ID**



Did you know there is a citizen science project for freshwater turtles? **Help TurtleSAT** with their research

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There are so many citizen science projects for birders! Send photos and info about birds near you to:

- **eBird**
- **Birds in Backyards**
- **Aussie Backyard Bird Count**
- **The Feather Map of Australia Project**
- **Waterbird Tracker**
- **Regent Honeyeater and Swift Parrot Surveys**
- **Manky Parrots: mapping Psittacine beak and feather disease in Australia**
- **Powerful Owl Project of southern Queensland**
- **Queensland Gouldian Finch study and awareness raising**
- **Glossy Black Cockatoo Project**
- **Bell Miner Colony Project**
- **Bittern Project**
- **Coochie Curlew Count and Curlew Watch**
- **Ecology of Ibis**
- **Queensland Wader Study Group**
- **Beach-nesting birds**
- **MySwan**

# NATIVE MAMMALS

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You can help our koalas by working with **Koala Count-a-thon**, **LCA Koala Program**, **The Great Koala Count**, **Koala Tracker** and **Koala Map**



It's a bird, it's a plane, no, it's a squirrel glider! Help protect these soaring marsupials with **Queensland Glider Network** and **Northside Squirrel Glider Monitoring Project**



Platypus can be hard to spot, but if you see one, tell **Platypus Watch**, **Watergum PlatypusWatch**, **Platypusspot** and **Report a Platypus Project**



Watch out for Wombats! **WomSAT** lets you record sightings of wombats and their burrows



Have you seen an echidna or their droppings/scats? Tell **Echidna Watch** and **Echidna CSI**



If you live near or visit Currawinya National Park, you could help **Bilby Tracks** to find bilbies



**Report a Water Rat Project** wants to know if you see these secretive creatures (image courtesy of Queensland Museum, Credit to Bruce Cowell)



Going to north-west Queensland? **Julia Creek Dunnart Research** want help looking for dunnarts



# ECO-SYSTEMS

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Discover, map and photograph animals and plants you see with **QuestaGame**, **Fauna Watch**, **Spot our Species**, **Project Noah**, **iNaturalist**, **Wildlife Spotter**, **Bowerbird** and the **Australian Biocontrol Hub**



How does climate change affect animal behaviour or plants flowering? Record changes around you with **ClimateWatch**



Old or dead trees have hollows which are great nests for birds and mammals. Tell **Veteran and Significant Trees of the Redlands** or **Dead Tree Detective** if you see one, and find out which animals use them with **Bulimba Creek Catchment Citizen Science Nest Box Monitoring** and **Hollows as Homes**



See how many animals and plant species you can find in a 24-48 hour period! Take part in a **'Bioblitz'**—the **Cooloola BioBlitz** or the **Gold Coast BioBlitz I-III**

# ONLINE SCIENCE

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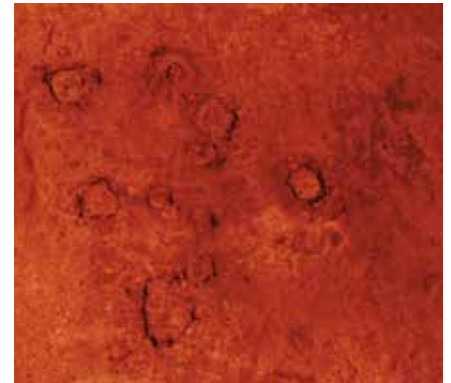
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Love games? You can help classify animals, plants and fungi with **QuestaGame**—can you spot the most species?



Volunteer for a **Digivol Virtual Expedition**. See what animals you can spot with **Wildlife Spotter**, delve in to diaries and notebooks kept by early scientists, discover hidden archives and help decipher observations!



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Watch for waddling penguins and help find nests and eggs in photos taken by **PenguinWatch**



Help fight Alzheimer's by identifying clogged blood vessels or 'stalls' in **StallCatchers**



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