

Using the Wild Files in the Classroom

CSIRO National Science Experiment: CSIRO Wild Watch

What are the CSIRO Wild Files?

The CSIRO Wild Files are a series of short resources, each of which outlines a group of plants or animals that are a research priority. The Wild Files give a short introduction to the organisms being discussed, offer some interesting facts about each of the organisms, explain why they're of interest to CSIRO researchers and Australia more broadly. These plants and animals have been selected for their direct link to CSIRO research. By using the Wild Files to guide your collection for Wild Watch, you and your students are directly supporting CSIRO researchers and their research.

For groups undertaking CSIRO Wild Watch, the CSIRO Wild Files highlight organisms that are of interest to researchers and provide options that can be found nationwide during National Science Week. You can use these priority organisms to focus your searches for the Wild Watch activity, ensuring that organisms of interest are being captured.

The CSIRO Wild Files are a great opportunity to discuss why we track the spread of different kinds of plants and animals, and how it's important to record sightings. See below for additional classroom activities that can be undertaken using the CSIRO Wild Files as a focal point.

What do the CSIRO Wild Files cover?

There are six CSIRO Wild Files that have been created for National Science Week 2025. The CSIRO Wild Files include:

- Wattles
- Terrestrial snails
- Lichen
- Egg cases of sharks, skates, and chimaeras
- Australian Ericaceae
- Riccia plants





Classroom activities

In addition to being a way to start a conversation about the different organisms the CSIRO Wild Files have three optional activities that you can use to get students talking about the focus organisms in different ways. The different activities are suited for a wide variety of levels of understanding. While you're welcome to use whichever activities best suit the students you're working with and your situation, we recommend the wanted poster and map activities for Primary School students and the Map and Book Page activities for Secondary School students.

Sightings map

The map activity invites students to make a map of their local area, documenting organism sightings. This can be based on the Wild Files, if there are significant populations of those organisms in your area, or on wildlife sightings more broadly, including a range of organisms and species. The choice of map is up to you, but we recommend using a map of your school, street or local government area. You may choose to gather data over a short period of time, where participants go out and identify wildlife over the course of an hour, or over a longer period, with students recording sightings on weekends.

If delivering this activity with a large group of students, you may wish to combine all their maps/ sightings into one large group map and discuss the differences and commonalities in the locations of sightings.

AmAZed! bookpage

Students undertake some research to create a custom page in the style of Andrea Wild's AmAZed! Book, which provides an A-Z of Biodiversity. A sample page is provided to give participants an idea of the kind of information that is needed. Participants can then undertake research using sources of their choice to create a similar book page for a species of their choosing. The Atlas of Living Australia is a great starting point for their research, but students may need additional sources for more information.

Wanted poster

A Wanted Poster template has been provided for students to fill in with the details of their selected organism. Participants may want to narrow their wanted poster down to a single species of the described organism. Participants fill in the blanks and include a picture of the organism and some key details. Not all of the details for the Wanted Poster will be available from the CSIRO Wild Files and may require some research. Participants should be encouraged to share the Wanted Poster around their school or local area to share what they've learned about their organisms.



Get learning!

We hope you have as much fun with the Wild Files and Wild Watch as we did creating it! Enjoy getting out in nature and exploring all that Australia's unique biodiversity has to offer!

For additional resources check out CSIRO publications linked to CSIRO National Science Experiment: Wild Watch at

publish.csiro.au/catalogues/WildWatch