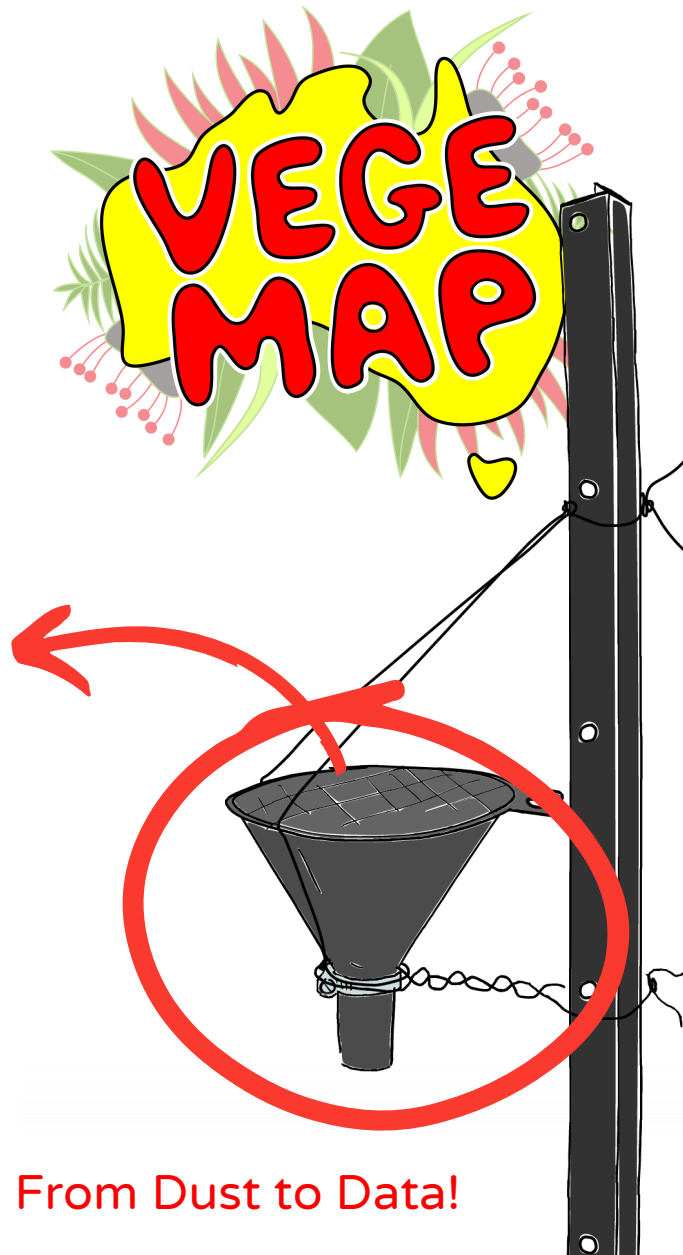


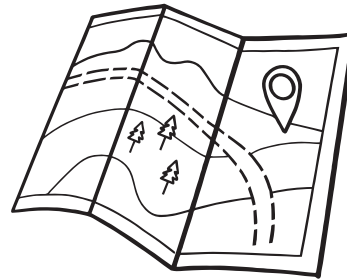
Collect your Pollen Trap



From Dust to Data!

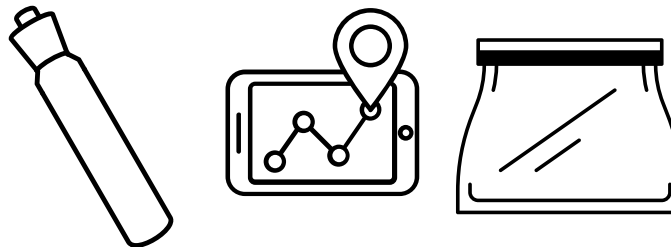
Before you begin

Ideally, it has been a year since you placed your trap. Refresh your memory! Did you need permission for access? Do you have the coordinates? If it has been more or less than a year, that's OK—just record the date in any case.



You'll need some equipment:

- resealable zip bag 230 x 300 mm or bigger
- GPS-enabled device
- wire cutter
- pliers
- permanent marker
- safety gear: especially if you're installing a star picket, consider steel cap footwear, gloves, and hearing protection



Consider putting out another trap! Our project is ongoing and if you plan on coming back, put out a new trap to replace the one you're collecting.

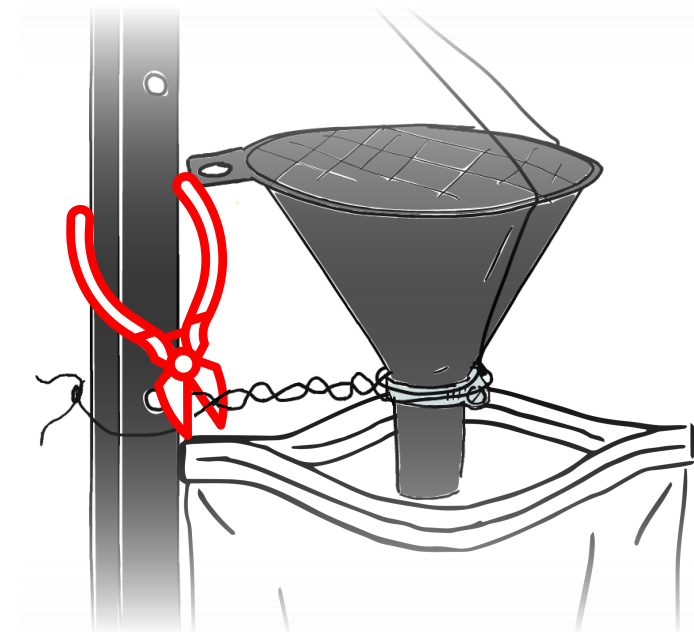
Step 1: Dismantling



Remember that a major goal of the project is to learn about Pollen Accumulation Rates, the **amount** of pollen produced by plants. Try to ensure nothing falls or gets blown out of the trap—every pollen grain counts!

Recovery (easier with two pairs of hands!)

- Write the site name and date on the zip bag. Unzip the bag and hold it under the trap.
- Untwist or use wire cutters to remove wire.
- Place trap directly into bag, trying to keep it upright, and zip closed.



Be careful not to leave wire bits or other rubbish in the field!

Step 2: Trap return

If you are putting out a new pollen trap, follow the instructions on the Pollen Trap Kit pamphlet.

If you are **not** putting out a new trap, make sure to collect the caution sign, wire, star picket, and anything else that you installed.

Take your trap to the post office and send it to us. It will fit in a medium flat rate satchel. Please address it like this:

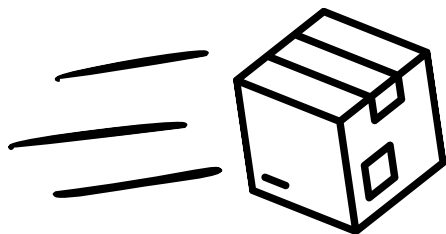
VegeMap

Attn: Janelle Stevenson

Dept of Culture, History
and Language

9 Fellows Road

Australian National University
Acton ACT 2601, Australia



Step 3: Bonus!

Please also consider doing a vegetation survey around your trap, instructions at:
epicaustralia.org.au/vegemap



Leave the rest to us! We will send you images of your pollen and a copy of the data you collected!

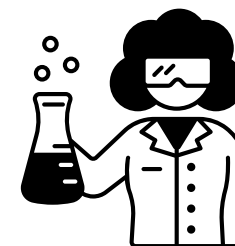
Thank you for participating!

FYI: We'll clean the trap and cling wrap to make sure to collect as much pollen as possible. Then, we put the contents through a process called acetolysis, which will stain the pollen and dissolve the filter and cigarette tips. We'll determine the concentration of pollen in the trap. Finally, we'll make microscope slides from a subsample to photograph and identify the species present!



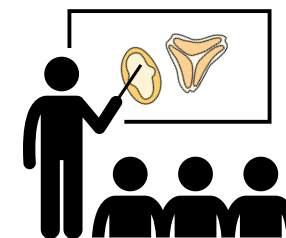
Learn more!

The VegeMap team does peer-reviewed research!



Teach more!

VegeMap has resources for your classroom!



See what we're up to and what we can offer you:

epicaustralia.org.au/vegemap



AUSTRALIAN RESEARCH COUNCIL
Centre of Excellence for
Australian Biodiversity
and Heritage

