

Environmental Challenges

Year 7/8, Science



Habitat loss

- Examples such as forests, grasslands, wetlands, shellfish reefs, kelp beds and sea grass meadows



Image: Tampa Bay Estuary Program

Invasive species

- Predation
- Competition
- Habitat destruction



Inset: Turtle hatchlings in feral pig stomach. Image: AQIS, Cairns

Image: Brisbane City Council

Image: Jef Van Dycke CC-BY-NC

Changes to fire patterns

- Both too much and not enough are problems
- Climate change is making this worse
- Loss of First Nations fire management is a key contributing factor.



Water pollution

- Sediment
- Nutrients
- Litter



Image: Great Southern Reef Foundation CC BY

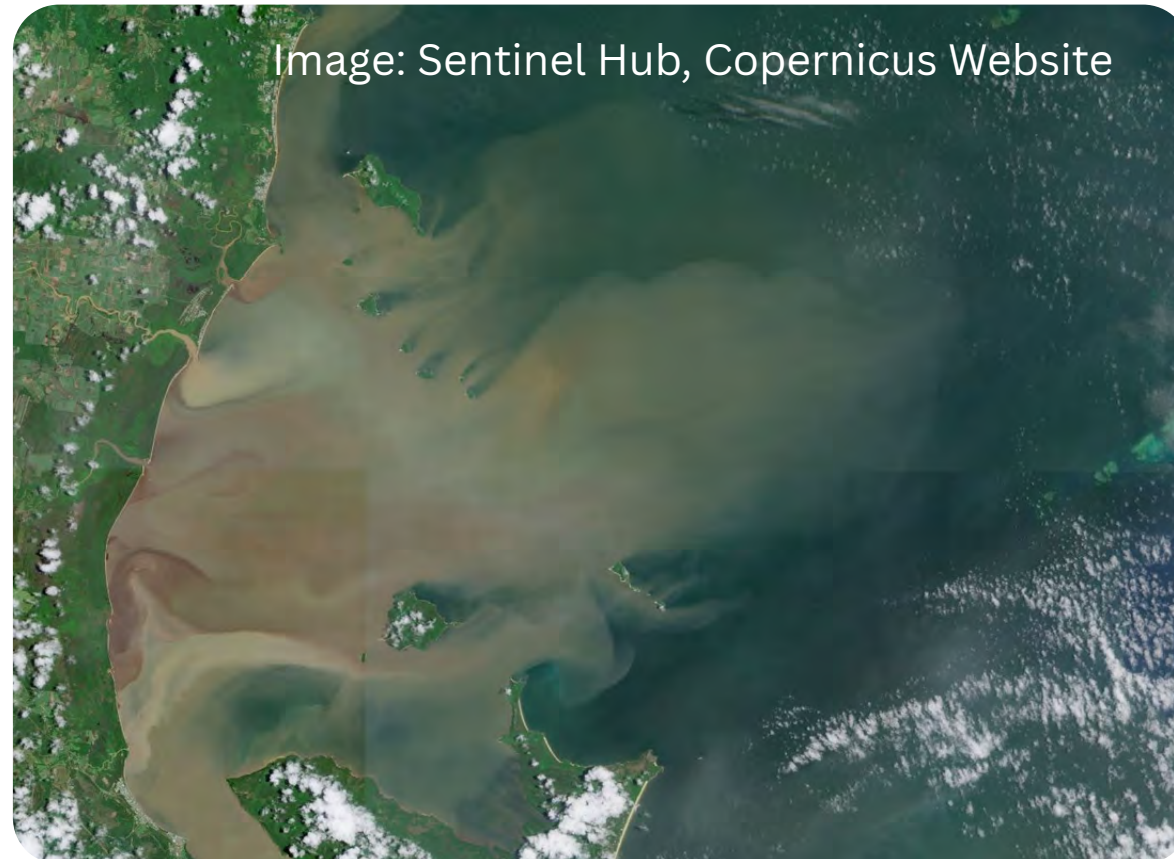


Image: Sentinel Hub, Copernicus Website



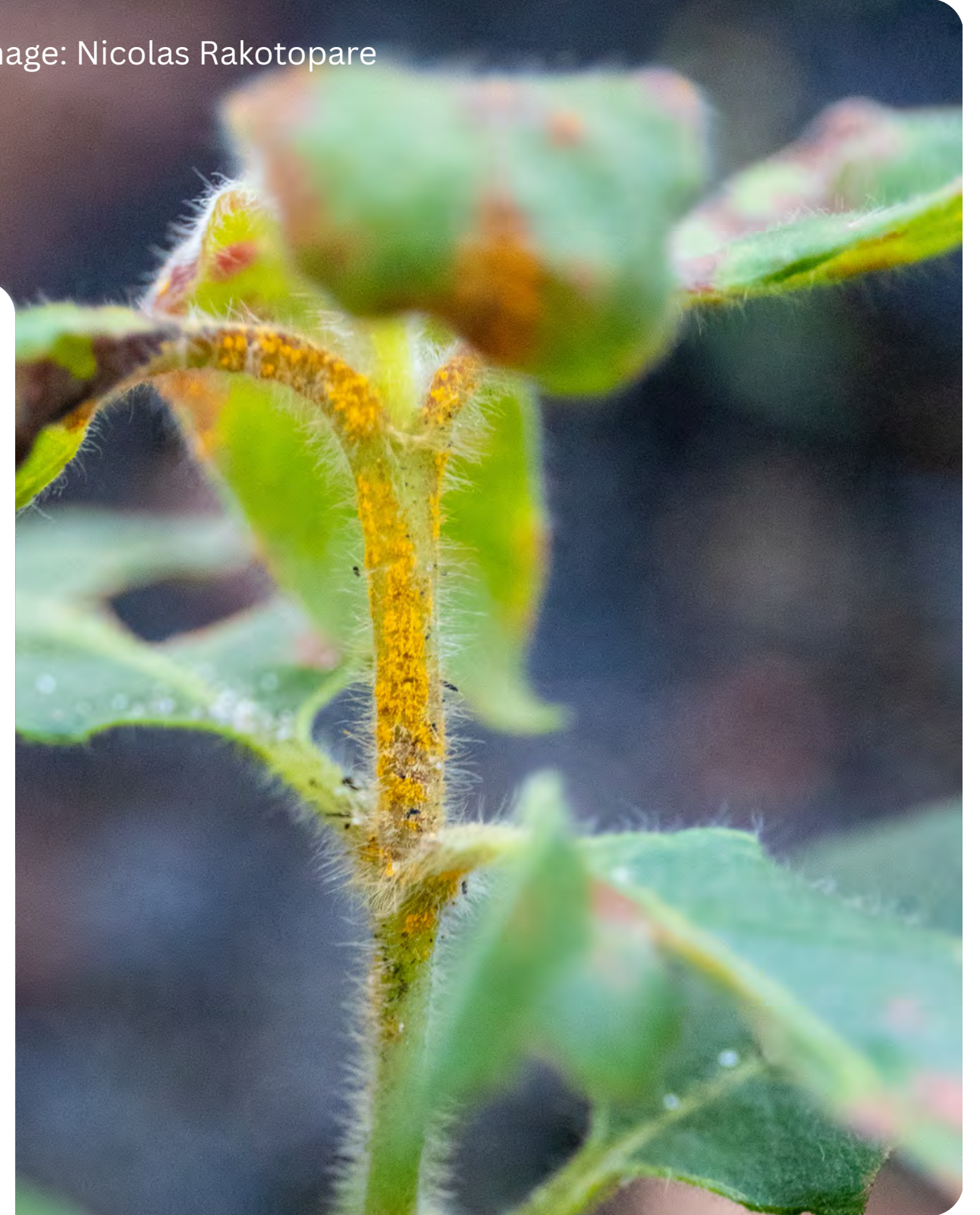
Image: Ocean Image Bank / Vincent Kneefel

Introduced diseases

Frog killed by chytrid fungus.
Image: Matthew West / TSR Hub

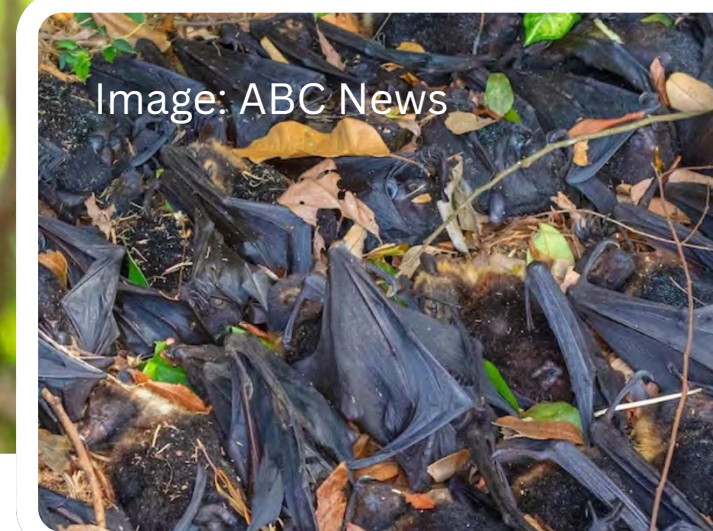


Myrtle rust. Image: Nicolas Rakotopare



Climate change

- Heatwaves



Flying-foxes killed by heatwave.

Climate change

- Changed rainfall pattern



Climate change

- Less snow in alpine areas



Animals that need
snow cover in winter.
Image: Kate Umbers



Image: Johannes Dielenberg CC BY