



Term 1, Lesson 7

Wetland Observations

Learning Objectives:

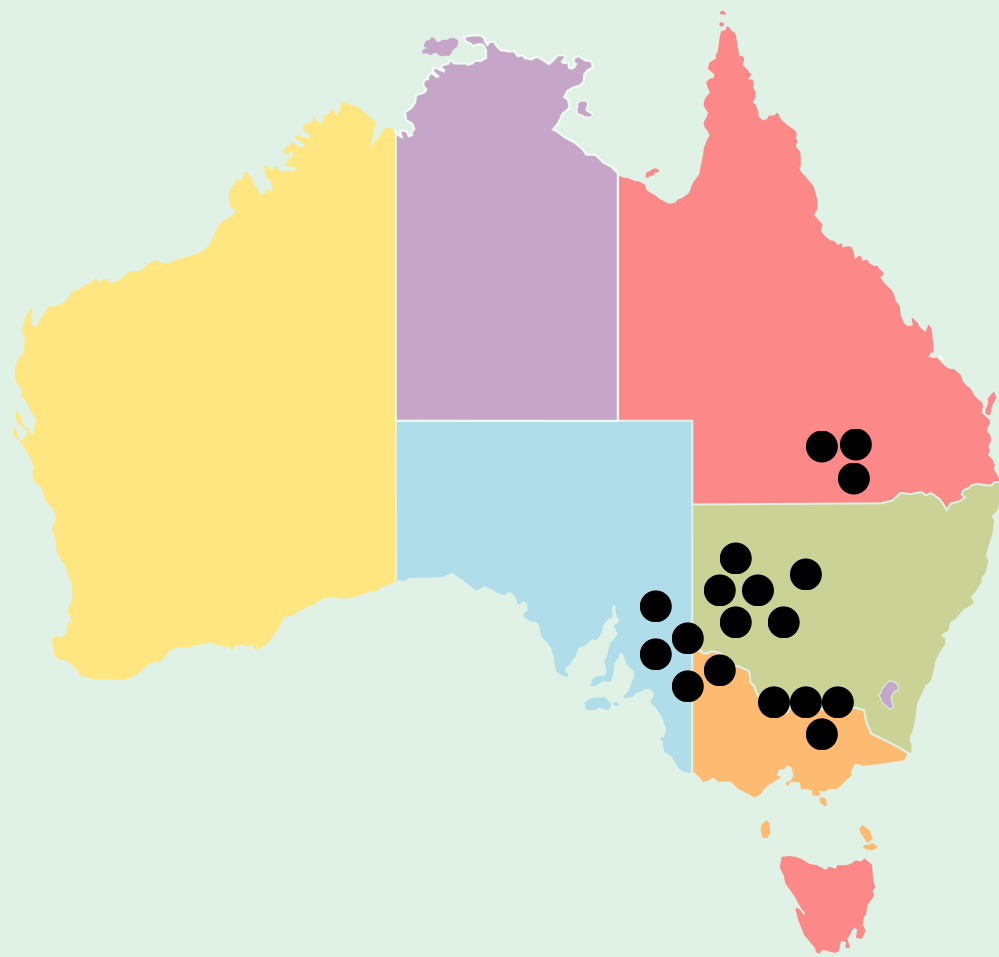
1. Identify habitats used by freshwater turtles;
2. Collect data on the distribution and abundance of flora at the local wetland;
3. Assess the health of the wetland based on observations.



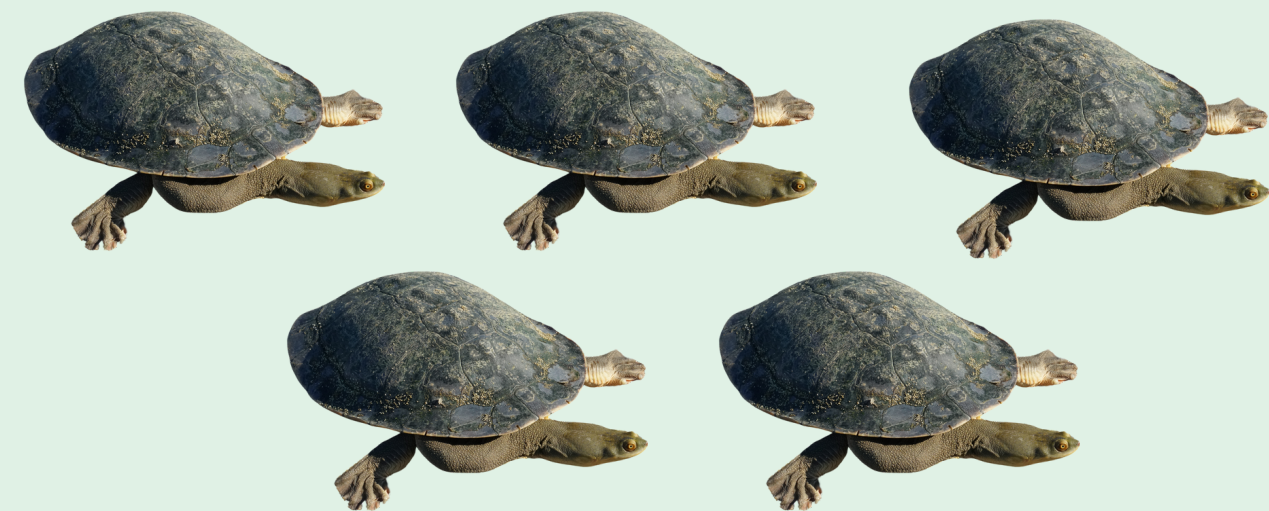
Photo credit: Dr. James Van Dyke

Species distribution and abundance

Distribution -
where individuals
of a species occur.

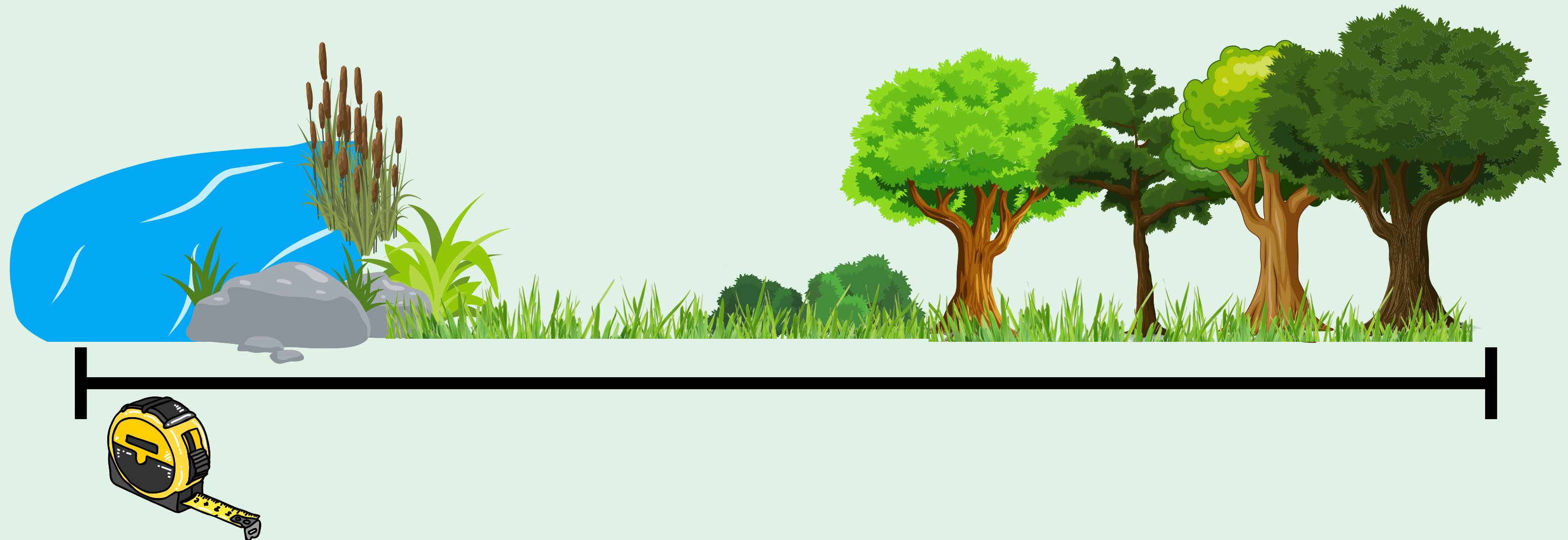


Abundance - refers
to the number of
individuals per
species present.



Survey techniques

Transect: a linear sampling method used to study changes in ecosystems by recording observations along a path.



Wetland Activities

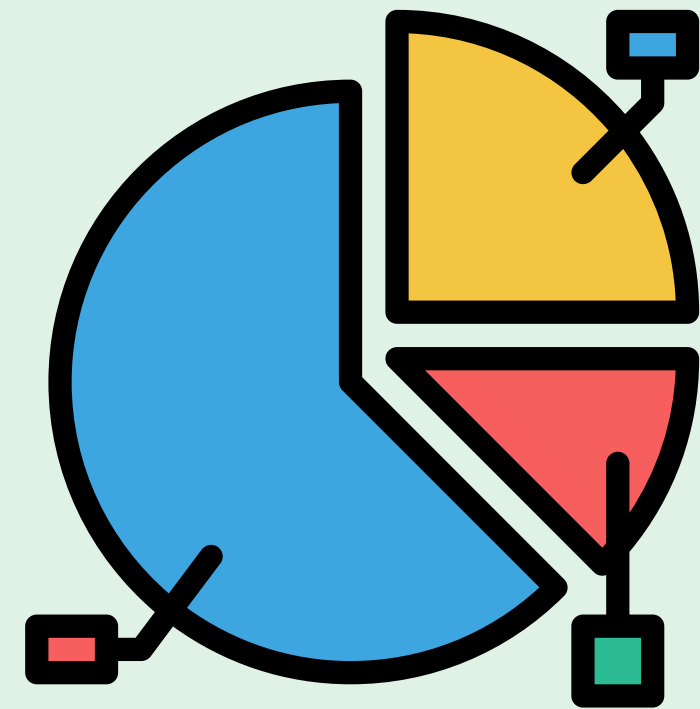
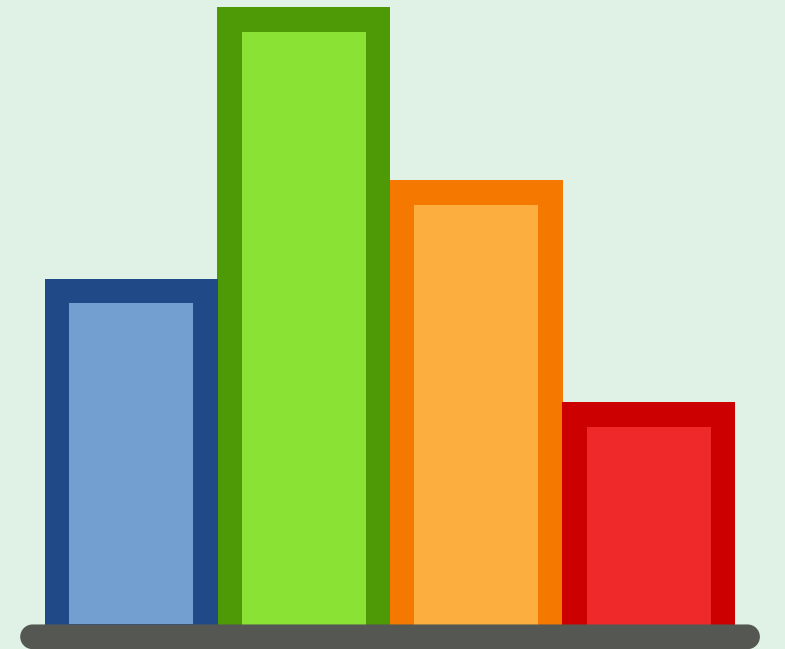
- Walk around the wetland and observe the riparian and aquatic habitat.
- Take note of abiotic and biotic factors and freshwater turtle habitats.
- Conduct a transect study and record the abundance and distribution of flora at the wetland.



Classroom Activities

Activity 1 -

- Create a visual representation of your distribution and abundance data from the wetland.
- You may choose to use a bar graph or pie chart.



Classroom Activities

Activity 2 -

- Reflect on your visit to the wetland and write about what you observed.
- Propose one action you can take to contribute to wetland conservation.

