

# Layers of Life!



There are many distinct layers in Orokonui's ngahere (forest). Each layer has specific conditions that allow different plants and animals to thrive. We can investigate the diversity and abundance of Orokonui's species in any given area, to assess the health of the cloud forest.

On your 3x3m line transect:

- Count the number of different plant species at each layer of the transect.
- Name every animal you see in each layer.

CANOPY

CANOPY PLANTS TALLY

CANOPY ANIMALS

TOTAL =

SUB-CANOPY

SUB-CANOPY PLANTS TALLY

SUB-CANOPY ANIMALS

TOTAL =

SMALL TREES AND SHRUBS

SHRUB LAYER PLANTS TALLY

SHRUB LAYER ANIMALS

TOTAL =

FOREST FLOOR

FOREST FLOOR PLANTS TALLY

FOREST FLOOR ANIMALS

TOTAL =

TOPSOIL

SUBSOIL

PARENT MATERIAL

