

## **What is it like to live in mixed woodland?**

### **Sunlight exposure**

Open canopy of tall gum trees filters some light.

### **Soil**

Covered by thick layer of leaf litter.

Surface sand layers are porous, but there is a massive fresh water table held inside the island.

Many plants support 'mycorrhizal' fungi that help them strip the nutrients from sand. New beach sand is yellowish; older layers of sand are white, showing that the nutrients have been extracted.

### **Stability**

Plants & leaf litter protect soil from water and wind erosion.

### **Shelter**

Trees provide homes in hollows, under bark

Forest floor is covered with leaf litter that gives food and cover to many insects

Soft soil is easy to burrow in.

### **Water**

The water table is close to the surface, but the texture of the soil causes water to quickly drain down to it rather than remaining in the topsoil

Variations in water table depth influence where plants grow.

### **Salinity**

Not a problem in this environment.

## **What plants and animals can you find in mixed woodland?**

### **Plants**

Saw-leaf Banksia *Banksia serrata*

Black Wattle *Acacia concurrens*

Forest Red Gum *Eucalyptus tereticornis*

Blue Tongue *Melastoma affine*

Mistletoe *Amyema cambagei*

### **Invertebrates**

Titan Stick Insect *Acrophylla titan*

Spiny Leaf Insect *Extatosoma tiaratum*

Double-headed Hawk Moth *Coequosa triangularis*

Razor Grinder Cicada *Henicopsaltria eydouxii*

Bag shelter moth *Ochrogaster lunifer*

Rhinoceros Beetle *Xylotrupes gideon*

Saunders' Case moth *Metura elongata*

Lerps (various species)

Termite *Schedorhinotermes spp.*

### **Vertebrates**

Figbird *Sphecotheres viridis*

Olive-backed Oriole *Oriolus sagittatus*

Nankeen Kestrel

*Falco cenchroides*

Peregrine Falcon *Falco peregrinus*

Collared Sparrowhawk *Accipiter cirrhocephalus*

Laughing Kookaburra *Dacelo novaeguineae*

Common Koel *Eudynamys scolopacea*

Rainbow Lorikeet *Trichoglossus haematodus*

Tawny Frogmouth *Podargus strigoides*

Lace Monitor *Varanus varius*

Carpet Python *Morelia spilota*

Eastern Brown Snake *Pseudonaja textilis*

Bearded dragon *Pogona barbata*

Echidna *Tachyglossus aculeatus*

Agile Wallaby *Macropus agilis*

Northern Brown Bandicoot *Isodon macrourus*

Squirrel Glider *Petaurus norfolcensis*