

What are the functions of roots?

- ◆ Hold the plants in the soil.
- ◆ Absorbs water and minerals from the soil.

**Do you know any other functions
of roots?**

How are the roots of banyan tree useful to the plants?



Roots are used not only to absorb water and minerals but also to provide support to the plants. These type of roots seen in banyan trees are called prop roots.

Can you identify the plant?

What is the peculiarities of these roots.



These plants are called **Screw pine**.

It is from the stem that the roots grow downwards. These roots are called **Stilt roots**.

They provide support to the plants.

Diversity in Roots

Prop Roots

- Seen above the soil.
- Grow downwards from aerial branches.
- Provide support to the plants.

Stilt Roots

- Seen above the soil.
- Grow downwards from the stem.
- Provide support to the plants.

MANGROVES

- Growing in marshy areas.
- The tip of their roots grow towards the atmosphere.
- Roots help in gaseous exchange. Hence are called pneumatophores.

