

Cyathea gigantea

Botanical Name: *Cyathea gigantea*

Common Name: Tree fern

Morphological Characters

A giant fern having 5-10 fronds forming a crown at the apex. Fronds are bipinnate and usually 2-3 m long. The rachis is long, dark brown to black in colour. The trunk is erect; it may be as tall as 2 meters or more with remnants of older leaf bases. The stipe is covered with dark brown and glossy scales. Sori are round forming a zig-zag row submarginally, sporangia numerous. Indusia absent.



Growing season and Type

- 1) On mountain slopes usually in dense tropical evergreen forest. Grows in moist open areas at an altitude of 600-1000 m.
- 2) The fern is reported to have free radical scavenging activity, anti-inflammatory and hepato-protective properties.
- 3) Grows in moist open areas at an altitude of 600-1000 m



1



2



3

- 1) Frond of *Cyathea gigantea*
- 2) Leaf of *Cyathea gigantea*
- 3) Tree of *Cyathea gigantea*

Source: www.theplantlist.org/tpl