

# Angiopteris evecta

## Family:

Marattiaceae

## Botanical name

*Angiopteris evecta* (G.Forst.) Hoffm.

Link to Australian Plant Name Index for publication details and synonyms:

<https://id.biodiversity.org.au/name/apni/91693>

## Description

Fronds to 5 m or more long, arching. Stipe to 2 m long, up to two-thirds of leaf length, ±smooth. Lamina 2-pinnate, deltoid, to 3.2 m long and 2.5 m wide. Pinnae ±linear-lanceolate, alternate, c. 9 pairs, to 150 cm long and 45 cm wide. Pinnules 29–40 pairs, opposite to subopposite, sometimes becoming alternate towards pinna apex, to 30 cm long and 2 cm wide, ±parallel-sided; base unequal to cuneate; margins scarcely serrulate; apex long-acuminate and more strongly toothed. Sori submarginal, with 10–15 sporangia.

## Distribution

NE QLD from Mcllwraith Range to Eungella. Also SE QLD, Asia, Malesia and Pacific Islands.

## Habit and habitat

Terrestrial, usually on banks and watercourses in mesic vine forest.

## Natural history

This fern has the largest fronds of any Australian species. It maintains erect fronds by water turgor. When dehydrated the fronds flop on the ground.

## Cultivation

This is a commonly cultivated ornamental fern in tropical, subtropical and temperate areas. It is easy to cultivate in a large container or in the ground placed either in a shadehouse or in a semi-shaded moist part of the garden. It can be propagated by the division of auricles or from spore using specialist techniques. It must be kept moist year round to maintain an attractive specimen. It quickly outgrows most greenhouse situations.

## Similar species

Similar to *Marattia oreades* but easily identified by differences in the structure of the synangium - see images.

## Citation of Australian Tropical Ferns and Lycophytes

Field AR, Quinn CJ, Zich FA (2022) Australian Tropical Ferns and Lycophytes. [apps.lucidcentral.org/fern/text/intro/index.htm](https://apps.lucidcentral.org/fern/text/intro/index.htm) (accessed online INSERT DATE).

Field AR, Quinn CJ, Zich FA (2022) '*Platynerium superbum*', in Australian Tropical Ferns and Lycophytes. [apps.lucidcentral.org/fern/text/entities/platynerium\\_superbum.htm](https://apps.lucidcentral.org/fern/text/entities/platynerium_superbum.htm) (accessed online INSERT DATE).



Close up of frond showing sori.

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Close up of frond showing sori.

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Habit. © CSIRO

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