

## *Alsophila woollsiana*

### Family:

Cyatheaceae

### Botanical name

*Alsophila woollsiana* F.Muell.

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

<https://id.biodiversity.org.au/name/apni/83690>

### Description

Rhizome erect, to 6 m tall, to 15 cm diam.; older stipe bases sometimes shed. Stipe to 80 cm long; base dark and tuberculate; scales dark, thick, basally terete, 1.5–2.5 cm long, c. 2 mm wide, flat but thick distally, with narrow sharply distinct fragile margins and a short thick apical seta; bases of scales covered with a rust-coloured powder. Frond lamina to 2 m long; longest pinnae c. 60 cm long; basal pinnae c. 30 cm long; pinnules commonly to 8 cm long, 1.5 cm wide, lobed throughout to less than 1 mm from the costa; lobes crenate-serrate; sinuses between them narrow; lower surface of costae with broad flat thin scales; largest scales brownish and bearing setae, grading to smaller pallid ones; many slender flexuous hairs also present; scales on costules similar but smaller. Sori near costules; indusium entirely on costular side of receptacle, small and thin, hidden by mature sporangia; paraphyses shorter than sporangia.

### Distribution

Endemic to NE QLD between the McDowall Range and Seaview Range.

### Habit and habitat

Terrestrial in rainforest, usually along margins in well lit areas and on slopes above creeks.

### 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) '*Platyserium superbum*', in Australian Tropical Ferns and Lycophytes. [apps.lucidcentral.org/fern/text/entities/platyserium\\_superbum.htm](https://apps.lucidcentral.org/fern/text/entities/platyserium_superbum.htm) (accessed online INSERT DATE).



Close up of frond showing sori.

© G. Sankowsky



Close up of frond showing sori.

© CSIRO



Close up of frond showing upper (adaxial) side. © G. Sankowsky



Frond. © G. Sankowsky



Habit. © CSIRO

