

## *Isoetes coromandelina*

### Family:

Isoetaceae

### Botanical name

*Isoetes coromandelina* L.f.

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

<https://id.biodiversity.org.au/name/apni/64358>

### Description

Amphibious herb; corm 3–5-lobed, to 15 mm wide. Leaves 15–60, spirally arranged, 15–80 cm long, 2–3 mm diam., flexible, attenuate, bright green; base to 20 mm wide, broadly winged, white; peripheral fibre strands present with 4 major strands; stomata and internal hairs present; trans-lacunar diaphragms visible; ligule triangular, 2–3 mm long; labium large, 2–3 mm wide, obscuring most of ligule. Heterosporous, sporangia round to obovate, 7–12 mm long, 5–7 mm wide, translucent, non-pigmented; velum absent. Microspores not seen. Megaspores globose, 0.3–0.4 mm diam.; proximal faces usually with one very large tubercle; distal face with numerous large tubercles, drying white.



Herbarium specimen. © Queensland Herbarium

### Distribution

Occurs on Cape York Peninsula QLD and northern NT. Also widespread in Asia and Malesia.

### Habit and habitat

Amphibious in swamps or swamp margins in open woodlands or grassland.

### 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).

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