

## *Isoetes cristata*

### Family:

Isoetaceae

### Botanical name

*Isoetes cristata* C.R.Marsden & Chinnock

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

<https://id.biodiversity.org.au/name/apni/162355>

### Description

Small amphibious herb; corm 2-lobed, 5–10 mm long. Leaves to 65, spirally arranged, erect-patent, 6–10 cm long, 0.8–1.5 mm diam., flexible, bright green; base 4–5 mm wide, narrowly winged, white, translucent; peripheral fibre strands and internal hairs absent; stomata present apically; trans-lacunar diaphragms visible; ligule triangular, 1 mm long; labium minute.

Sporangia elliptic, 2.5–4 mm long, 1.5–2.5 mm wide, translucent; velum covering 5–15% of sporangium. Microspores unknown. Megaspores Types I and IIA, 0.25–0.46 mm diam.; each proximal face with 1 (rarely 2 or 3) very large tubercles; distal face with broad anastomosing wavy ridges, drying white or grey.

### Distribution

Endemic to and widespread in NT.

### Habit and habitat

Amphibious in seasonally inundated swamps and seepage areas.

### 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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