

# *Macaranga polyadenia* Pax & K.Hoffm.

## Family:

Euphorbiaceae

Pax, F.A. & Hoffmann, K. (1919) *Das Pflanzenreich Heft 68 Addit. 6* : 25. Type: Papuasische Provinz: Neu-Guinea, Kaiser Wilhelmsland, Aprifflus, gangbarer Urwald, 100 m (Ledermann n. 8664!, 8677!).



## Stem

Prop roots often present at the base of the stem.

## Leaves

Numerous reddish scales or glands visible with a lens on the underside of the leaf blade. Twig pith producing a watery exudate which turns pink or red on exposure. Two or more flat or slightly raised glands visible on the upper surface of the leaf blade, at the base, just prior to its junction with the petiole. Leaf blades about 9-19 x 6.5-9 cm.

## Flowers

Floral bracts large, margins fimbriate or lobed. Flowers about 2-3 mm diam. Outer surface of the tepals hairy, but lacking obvious glands. Ovary +/- glabrous, but clothed in numerous flat glands.

## Fruit

Capsules +/- smooth or granular, covered with numerous yellow glands. Seeds globular, about 2.5 mm diam.

## Seedlings

Cotyledons ovate to elliptic, about 4-8 mm long, hairy on the upper surface. At the tenth leaf stage: leaf blade linear to ovate, apex acuminate, base auriculate, margins dentate, upper surface hairy along the midrib, undersurface with numerous red glands; stipules linear-oblong, hairy; petiole and terminal bud clothed in white or pale hairs. Seed germination time 18 to 68 days.

## Distribution and Ecology

Occurs in CYP and NEQ. Altitudinal range quite small, from near sea level to about 100 m. Grows in well developed rain forest which is periodically flooded or in situations close to permanent water. Also occurs in New Guinea and the Solomon Islands.

## Synonyms

***Macaranga fimbriata* S.Moore**, *Journal of Botany* 61, suppl. : 48(1923), Type: Sogere, 247.

***Macaranga inermis* Pax & K.Hoffm.**, *Das Pflanzenreich Heft 63* : 333(1914), Type: Papuasische Provinz: Neu-Guinea, Kaiser Wilhelmsland, Walder des Kani-Gebirges, 1000 m (Schlechter n.

17740!, 179). ***Macaranga multiflora* C.T.White**, *Proceedings of the Royal Society of Queensland* 55: 83(1944), Type: Cook district: Johnstone River, Rev. N. Michael (type: male flowers) Dec. 1915.

## RFK Code

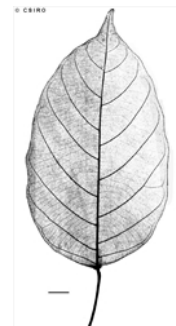
622



Flowers [not vouchered]. © G. Sankowsky



Leaves and flowers [not vouchered]. © G. Sankowsky



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal  
germination. © CSIRO



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