

Archidendropsis thozetiana (F.Muell.) I.C.Nielsen.

Family:

Fabaceae



Nielsen, I., Guinet, P. & Baretta-Kuipers, T. (1983), Studies in the Malesian, Australian and Pacific Ingeae (Leguminosae: Mimosoideae): the genera *Archidendropsis*, *Wallaceodendron*, *Paraserianthes*, *Pararchidendron* and *Serianthes* (part 1). *Bulletin du Museum National d'Histoire Naturelle. Section B, Adansonia: Botanique Phytochimie* 5(3): 32. Lectotype: Fort Cooper, [Queensland], A. T[hozet] (MEL 595338). Cowan, R.S. (1996), Notes on miscellaneous mimosoid legumes (Leguminosae: Mimosoideae), mostly Australian. *Nuytsia* 11(1): 13.

Stem

Tree to 20 m high. Bark grey, flaky. Branches and stems sparsely hairy, hairs whitish, red microhairs sometimes present, becoming hairless with age. Small spines < 1 mm long sometimes present at base of lateral branches.



Leaves [not vouchered]. CC-BY: S. & A. Pearson.

Leaves

Leaves alternate, bipinnately compound with 1 pair of pinnae, each pinnae with 1.5-4 pairs of leaflets, pinnae and leaflets opposite, lowest leaflets smaller and sometimes solitary; rachis ± winged and terminating with a pair of leaflets. Stipules 2, free, triangular, 1-2 mm long. Petiole 10-15 mm long, sometimes slightly winged, raised gland present at apex of petiole, and often at apex of pinnae; petiolules absent. Leaflet blades oblong to oblanceolate, often narrowly so or rarely oblong-obovate, 1-3.8 cm long, 0.3-1.4 cm wide, base cuneate to obtuse, often asymmetrical, margin entire, apex obtuse, sometimes retuse or emarginate. Leaflets with 4-6 pairs of lateral veins. Domatia absent. Surfaces hairless or sparsely hairy on lower surface, red microhairs sometimes present.



Inflorescence [not vouchered]. CC-BY: S. & A. Pearson.

Flowers

Inflorescence axillary, flowers in globose heads c. 15 mm diam. Flowers bisexual, actinomorphic, 4 or 5-merous, flowers < 5 mm diam., cream to yellow. Peduncles 1-4 cm long. Calyx urceolate, sepals 4 or 5, fused for more than half their length, 2-2.5 mm long. Corolla tubular, petals 4 or 5, fused for more than half their length, 2.5-4.5 mm long. Stamens numerous > 25, basally united into a tube, filaments well exerted from corolla, almost twice as long as petals. Gynoecium small, ovary superior, c. 1 mm long, more or less sessile, carpel solitary.

Fruit

Fruit dry, a flat pod, oblong in outline, 15-20 cm long, 1-2 cm wide, margins thickened, brown. Seeds 2-9, ± circular, 8 mm long, 7.5 mm wide (including wing), flat, glossy black to dark brown, wing to c. 0.3 mm wide.

Seedlings

Features not available.

Distribution and Ecology

Endemic to Queensland, occurs in CEQ from Mt Elliot (near Townsville) southwards to Kilkivan (WNW of Gympie), extending inland to Zig Zag Range W of Emerald. Grows in vine thickets and dry rainforest.

Natural History & Notes

This profile information and associated coding has been adapted from Harden et al. (2014) and Cowan (1998).

Synonyms

***Acacia thozetiana* F.Muell.** *Fragmenta Phytographiae Australiae* 4(24): 9, (1863). Type: "Ad montem Fort Cooper; Thozet. Ad rivum Thozet's Creek; Dallachy." *Albizia thozetiana* (F.Muell.) F.Muell. ex Benth. *Flora Australiensis* 2: 422, (1864).

RFK Code

X



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