

Samadera bidwillii (Hook.f.) Oliv.

Family:

Simaroubaceae

Oliver, D. (1896), *Hooker's Icones Plantarum* 25: t. 2449

Stem

Shrub or small tree to 6 m high; bark pale grey to whitish, finely longitudinally furrowed. Young stems hairy with appressed pale brown hairs and \pm angular, stems becoming hairless.

Leaves

Leaves simple, alternate. New growth reddish. Stipules absent. Petiole 3-7 mm long. Leaf blade narrow-elliptic or lanceolate, 4.5-18.5 cm long, 0.6-1.2 cm wide, base attenuate or cuneate, margins entire, recurved, apex bluntly acute or obtuse. Lateral veins 26-35 pairs, intramarginal vein present. Domatia absent. Upper surface green, glossy and hairless, lower surface yellowish green and sparsely hairy. Two to three (sometimes more) widely spaced, small, flat glands visible on the underside of the leaf blade between the midrib and each margin.

Flowers

Inflorescences axillary, flowers solitary or in few-flowered clusters. Flowers bisexual, actinomorphic, 4- or 5-merous, cream, yellowish, occasionally red or tinged red. Pedicels 1-4 mm long. Sepals imbricate, fused only shortly at base, lobes c. 1 mm long, pedicel and sepals hairy. Petals free, lobes c. 2.5 mm long, concave, glabrous or slightly hairy on outer surface. Stamens 8 or 10 (twice the number of petals), filaments more or less free, flattened with stamens alternating with petals up to twice as wide as those opposite petals, hairy on margins and inner surface for upper two thirds. Disk present beneath 5 (usually), apparently free carpels, superior, densely hairy; styles united; stigma solitary.

Fruit

Fruit fleshy, consisting of 1-4 (usually 2), drupe like units (mericarps), each developing from a separate carpel, each unit \pm ovoid, 8-12 mm long, hairy, ridged, sometimes appearing flattened and winglike towards apex, disk persistent at base. Stone or endocarp solitary in each mericarp, usually 1-seeded.

Seedlings

Features not available.

Distribution and Ecology

Occurs in CEQ from near Mackay southwards to near Gympie in south eastern Queensland. Grows in dry rainforest and vine thickets.

Natural History & Notes

This profile information and associated coding has been adapted from Harden et al. (2014), Hewson (1985) and Nootboom (1962).

Synonyms

Hyptiandra bidwillii Hook.f., *Genera Plantarum* 1(1): 294 (1862). Type: "Australiae orientalis subtropicae ad Wide Bay incola."

Hyptiandra bidwillii Hook.f. var. *bidwillii*, *A Synopsis of the Queensland Flora Suppl.* 3: 12 (1890). *Quassia bidwillii* (Hook.f.) Noot., *Blumea* 11(2): 519 (1962). *Simaba bidwillii* (Hook.f.) Feuillet, *Bulletin du Jardin Botanique National de Belgique* 53: 510 (1983).

misapplied to: *Samadera* sp. Moonee Creek (J.King s.n. Nov. 1949)

RFK Code

3632



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Herbarium sheet: fruit. CC-BY: ATH.



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