

Argophyllum nullumense R.T.Baker

Family:

Argophyllaceae

Baker, R.T. (1899) *Proceedings of the Linnean Society of New South Wales* 24(3): 439. Type: "a plant from Nullum Mt., Murwillumbah (W.B.)" Type: New South Wales. Nullum Mt, Murwillumbah, December 1896, W. Baeuerlen 1873 (lecto: NSW 371693 [here designated]; isolecto: BRI [AQ342381], CANB 00552737, MEL 2234901, NSW 505695, NSW 672750)

Common name:

Silver Leaf

Stem

Small tree to 8m or tall shrub, bark creamy grey, smooth or wrinkled; buds and stems densely covered by silver to rusty 2-armed hairs; stipules absent. Hairs on new growth white or creamy; hairs more than 10 cm from growing point white or creamy.

Leaves

Petiole 9-14 mm long; fully expanded lamina elliptic to narrowly-elliptic, 81-186 mm long, 23-56 mm wide, 2.6-4.6 times longer than wide; 7-11 secondary veins on either side of midrib. Lamina apex shortly acuminate, or occasionally acute; base cuneate, not oblique. Lamina margins serrate, with teeth all about the same size, or varying in length (alternating long and short), 2-9(-12) on each side of the lamina, the longer teeth 0.3-2 mm long. Upper surface of fully expanded lamina green, glabrous; hairs on developing leaves appressed, 0.2-0.3 mm long. Lower surface of lamina white or creamy, hairs appressed; secondary veins white, raised; tertiary veins white, ± flush with indumentum.

Flowers

Inflorescences terminal or upper axils, paniculate cymose, 53-130 mm long, densely tomentose, primary axis 32-108 mm long, secondary branches 17-58 mm long, bracts narrowly-deltate, 2-8 mm long. Pedicels 1.3-2 mm long; flowering hypanthium cupular, 2.9-3.5 mm diameter. Calyx lobes 0.8-1.5 mm long; petals 2.4-2.9 mm long, white, corolla appendages white, 1.8-2 mm long. Staminal filaments 1.2-1.3 mm long; anthers 0.6-0.7 mm long. Style 1.7-2 mm long; ovary 2-locular.

Fruit

Capsules with cupular hypanthium, 3.4-4.3 mm long, 3.4-4.2 mm diameter, teeth 4, exserted. Seeds 0.55-0.7 mm long.

Seedlings

Not available.

Distribution and Ecology

Occurs in CEQ near Eungella, and in south eastern Queensland southwards to north eastern New South Wales. Altitudinal range from 40-1050 m. Occurs in rainforest along streams, and on the edges of rainforest and wet sclerophyll open forest.

Synonyms

Argophyllum nitidum var. *nullumense* (R.T.Baker) Ewart, Jean White & B.Rees, *Proceedings of the Royal Society of Victoria* 22(1): 10 (1909).

RFK Code

3621



Flowers. CC-BY: APII, ANBG.



Leaves and inflorescence. CC-BY: APII, ANBG.



A. flowering branchlet x0.6. B. lamina margin x2. C. hair from upper leaf surface x60. © Queensland Government



A. flower from above x9. B. side view of flower including calyx and pedicel x12. C. half flower x15. D. transverse section of ovary x18. © Queensland Government



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