

Gossia pubiflora (C.T.White) N.Snow & Guymer.

Family:
Myrtaceae

Snow, N. & Guymer, G.P. (2003) Systematic Botany Monographs 65: 38-39.

Stem

Shrub or tree 1-6 m tall. Bark rough, flaky, scaly or tessellated, light brown to gray. Branchlets densely hairy.

Leaves

Leaves opposite, ± decussate. Leaf blade elliptic to ovate, 1.8-5.5 cm long, 0.8-3.3 cm wide, base cuneate to rounded, margin entire, apex acute to acuminate, often mucronate. Oil dots common, faint or visible with magnification. Main intramarginal vein indistinct to prominent about 0.5-3 mm from the blade margin, 7-8 lateral veins.

Flowers

Inflorescence terminal or axillary, flowers solitary, paired or in threes, sessile or shortly stalked to 2 mm. Hypanthium cup shaped, villous to densely villous, greenish brown. Calyx lobes (4-) 5, triangular, 5-8 mm long, greenish, both surfaces hairy. Petal 5, obovate to oblate or circular, 4-5 mm long, yellowish white, glabrous on inner surface, hairy on outer surface, oil dots few.

Fruit

Crushed fruit apparently smells of methanol. Fruits globose to subglobose, 9-17 mm long, 11-19 mm wide, calyx lobes persistent or caducous at the apex, glabrescent, red to nearly black. Seeds 1 per fruit, testa hard and bony.

Seedlings

No features available.

Distribution and Ecology

Endemic to coastal CEQ around Mt Dryander and Conway National Park. Altitudinal range from 50-200 m. Grows in forests or notophyll vine forest often on slopes.

Natural History & Notes

Diagnostic characters include densely hairy branchlets and flowers, and relatively large fruits compared with other species of *Gossia*.

Synonyms

***Myrtus pubiflora* C.T.White**, *Proceedings of the Royal Society of Queensland* 50:77, (1939).

Type: Strathdickie, near Proserpine, Rev. N. Michael, No. 1476 (type: flowering specimens). Holo:

BRI. ***Austromyrtus pubiflora* (C.T.White) L.S.Sm.** *Proceedings of the Royal Society of Queensland*, 67:35, (1956).

RFK Code

3594



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



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



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

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