

# *Jasminum longipetalum* King & Gamble

Family:  
Oleaceae

King, G. & Gamble, J.S. (1906) *Journal Asiatic Society Bengal* 74: 262. Type: Malaysia, Perak, Kings collector 2765 & 6005.  
Isosytype : K; Singapore, Ridley 10937; Isosytype: K.

Common name:  
Jasmine, Native; Native Jasmine

## Stem

Usually grows as a shrub, sometimes flowers and fruits as a vine.

## Leaves

Leaf blades thick and leathery, about 5.5-10 x 2-5.5 cm, petioles about 0.5-1 cm long. Petiole with a pulvinus or articulation about 3-5 mm from the base.

## Flowers

Inflorescences about 3-7-flowered. Flowers strongly perfumed. Calyx lobes about 4-5 x 1 mm, clothed in short, pale hairs. Corolla tube about 15 mm long and quite narrow, about 1-2 mm. Corolla lobes about 9-11, each about 15 x 2-3 mm. Anthers about 4 mm long, included in the corolla tube, filaments about 1 mm long. Ovary about 1.5 mm diam. Style about half the length of the corolla tube. Ovules 1 per locule.

## Fruit

Fruits often paired, each fruit globular about 8-11 mm diam. Seeds 7-8 mm diam. Testa very thin.

## Seedlings

Usually four spirally arranged cataphylls produced before a whorl of three larger cataphylls and then the first true leaves. Cataphylls hairy. First true leaves produced in a whorl of three. Leaf blades ovate, all venation depressed on the upper surface. Petiole with a pulvinus or articulation about halfway between the leaf base and the stem.

## Distribution and Ecology

Occurs in CYP and NEQ. Altitudinal range from near sea level to 180 m. Grows in beach forest or thickets on old sand dunes.

## Natural History & Notes

This species has horticultural potential because of the large white flowers and the fact that it can easily be trained into a shrub.

## Synonyms

*Jasminum* sp. (Jardine River LJB 18869), : (). *Jasminum pseudoanastomasans* Lingelsh., *Bot. Jahrb. Syst.* 61: 20(1927), Type: Papua, cei der Djamu- Klamm, 30 Sept 1907, R. Schlechter 16601; Isosyn: BRI, K. West Papua, Mamberamo, 7 Sept. 1914, A.C. Thomsen 857. *Jasminum turneri* C.T. White, *Proc. Linn. Soc. New South Wales* 51: 297(1926), Type: Papua New Guinea, Rigo Valley, 1924, R. Lister Turner; Holo: BRI; Iso: K. *Jasminum dolichopetalum* Merr. & Rolfe, *Philippine Journal Science* 3: 120(1908), Type: Philippines, Luzon, Ramos Bur. Sci. 995; Iso: K.

## RFK Code

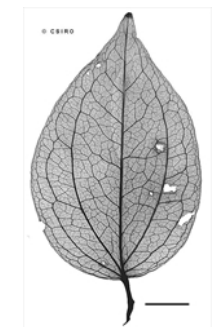
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Leaves and Flowers. © CSIRO



Leaves and fruit. © CSIRO



Scale bar 10mm. © CSIRO

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