

## *Leucas decemdentata* (Willd.) Sm.

### Family:

Lamiaceae

Smith, J.E. (1819) *Cyclop.* xx.

### Stem

Straggling to erect annual up to 60 cm tall; stems, 4-angled and hairy, the hairs pointing downwards.

### Leaves

Leaf blades ovate, 22-40 x 12-30 mm, acute to rounded and slightly oblique at the base, broadly acute at the tip; petioles 5-14 mm long; lamina surfaces pubescent. Lateral veins 3-5 on each side of the midrib.

### Flowers

Inflorescence of 5-8 -flowered axillary verticils borne on the rachis. Each flower ca. 8 mm diam., subtended by a linear, hairy bract 1.5-2.5 mm long. Calyx campanulate, 3.5-8 mm long, strongly 10-ribbed on the outer surface and ending in 10 teeth each 0.8-3 mm long. Corolla tubular, tube ca. 7 mm long, 2-lipped at the apex. Upper lip 4-5 x 3 mm, densely hairy, long ciliate; lower lip 3-lobed, glabrous, 4.5-5 mm. Stamens 4, epipetalous, enclosed within the lower lip. Anthers orange to red, ca. 0.25 mm long, filaments ca. 4 mm long attached to the throat of the corolla tube. Ovary seated on a cream disk, deeply 4-lobed. Styles ca. 8 mm long.

### Fruit

Fruit comprising 4 dark, oblong nutlets ca. 1.5 mm long, enclosed within and falling free of the membranous calyx. Nutlets triquetrous, smooth, ca. 2 mm long. Endosperm oily. Embryo ca. 1.5 mm long.

### Seedlings

Features not available.

### Distribution and Ecology

Occurs in CYP, NEQ and CEQ. Altitudinal range from near sea level to 900 m. Grows in open to closed forest and deciduous vine thicket. Also known from Malesia and extends to mainland Asia, several islands in the Pacific Ocean, including New Guinea, Tahiti and Fiji.

### Synonyms

*Phlomis decemdentata* Willd., *Species Plantarum*. Ed. 4 3(1): 124(1800).

### RFK Code

4062



Flower and fruit. © CSIRO



Flower. © CSIRO



Leaves, Flower and Fruit. © CSIRO

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