

# *Lenbrassia australiana* var. *glabrescens* B.D.Morley

## Family:

Gesneriaceae

Morley, B.D. (1978) *Journal of the Adelaide Botanic Gardens* 1(2): 189. Type: Queensland, V.C.L.Noah 16-19, S. 145-25 F. Hyland 8297; holotype: QRS.

## Stem

Usually flowers and fruits as a shrub about 2-3 m tall.

## Leaves

Leaf blades about 12-20 x 3.5-6.5 cm, upper leaf blade surface glabrous, underside clothed in short thick hairs, petioles about 1.5-2 cm long. Lateral veins seven to nine on each side of the midrib. Margin with about 25-30 teeth on each side.

## Flowers

Pedicels about 30-45 mm long. Calyx strigose on the outer surface, lobes filiform, about 5-6 mm long, tube about 4-5 mm long. Corolla tube about 20 mm long, lobes about 3-5 mm long, finely hairy. Basal part of the inner corolla tube clothed in translucent hairs. Anthers fused together in the flower bud, filaments spirally twisted after anthesis. Staminode one, about 3 mm long. Pollen white. Style about 20 mm long.

## Fruit

Fruits glabrous, elongate, about 15 mm long, partly enclosed by the persistent calyx at the base, style persistent at the apex. Seeds numerous, about 0.7-0.8 mm long, testa marked by curved striations. Embryo about 0.2 mm long.

## Seedlings

Cotyledons orbicular, about 1.5-2 mm diam. First pair of leaves sparsely clothed in hairs. Leaf blade margin with 1-3 teeth on each side. At the tenth leaf stage: leaf blade margin regularly toothed with about 20-30 teeth on each side. Upper surface of the leaf blade sparsely clothed in translucent hairs while the lower surface is densely clothed in +/- erect translucent hairs. Lateral veins depressed on the upper surface of the leaf blade. Seed germination time 44 days.

## Distribution and Ecology

Endemic to NEQ. Known only from the Thornton Peak, Mt Spurgeon, Mossman, Mt Sorrow and China Camp areas. Altitudinal range from 400-1200 m. Grows as an understory plant in moist areas in upland and mountain rain forests.

## RFK Code

3350



Leaves and fruit. © A. Ford & F.

Goulter



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO

Copyright © CSIRO 2020, all rights reserved.

