

Dendrolobium arbuscula (Domin) H. Ohashi

Family:
Fabaceae

Ohashi, H. (1997) *Taiwania* 42: 137.

Common name:
Chillagoe Pea; Horse Bush

Stem

Usually grows into a small tree but also flowers and fruits as a shrub. Living bark layer quite thin.

Leaves

Middle leaflet larger than the lateral leaflets. Stalk of the middle leaflet much longer than those of the lateral leaflets. Stipules about 1.5 mm long, sheathing the terminal bud. Leaflet blades about 1-8 x 1-5 cm. Leaf hairs pale and prostrate. Leaflet stipellae filiform, about 1.5-3 mm long. Middle leaflet about 5.5-11 x 4-6 cm, stalk about 1.3-2.3 cm long. Lateral leaflets about 3.7-7.5 x 2.4-3.8 cm, stalks about 0.3-0.7 cm long. Compound leaf petiole grooved on the upper surface.

Flowers

Calyx about 4-6 mm long, one lobe much longer than the other lobes. Corolla about 10-12 mm long, consisting of a large standard, enclosing two wings which in turn enclose a keel consisting of two petals. Keel larger than the wings. Stamens 10, filaments all fused to one another to form a tube about 8-9 mm long. Anthers about 0.5-0.75 mm long. Ovary + style about 10 mm long.

Fruit

Pods flat, about 1-5 cm long, constricted between the seeds, consisting of 1-6 flattened 'beads'. Seeds about 3.5-5 x 3-4 mm.

Seedlings

Cotyledon margin recurved. First leaf usually simple, second trifoliolate. At the tenth leaf stage: leaflet stalks and petiole of compound leaf clothed in long pale, prostrate hairs; stipules large, narrowly triangular, about 1 cm long, clothed in long pale hairs.

Distribution and Ecology

Occurs in CYP, NEQ and CEQ. Altitudinal range from sea level to 500 m. Grows in monsoon forest and beach forest. Also occurs in New Guinea and Fiji.

Synonyms

Desmodium arbuscula Domin, *Bibliotheca Botanica* 89(3): 765(1926), Type: Queensland. In xerodrymio ad Chillagoe, Domin 4764 (lecto: PR 527346). *Dendrolobium* sp. (Mt Scatterbrain J.R.Clarkson+ 6708), *Queensland Plants: Names and Distribution* : 79(1997), Type: Queensland, Mt Scatterbrain, J. R. Clarkson + 6708.

RFK Code

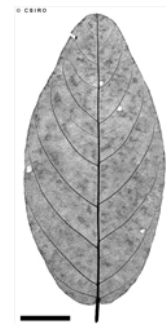
916



Leaves and Flowers. © CSIRO



Leaves and fruit. © CSIRO



Scale bar 10mm. © CSIRO

Copyright © CSIRO 2020, all rights reserved.



Web edition hosted at <https://apps.lucidcentral.org/rainforest>