



## *Carmichaelia glabrescens*

### Common Name(s):

pink broom

### Current Threat Status (2012):

Not Threatened

### Distribution:

Endemic. New Zealand: South Island (Marlborough) - south of the Awatere Fault

### Habitat:

Lowland to montane. A species of alluvial terraces, gorges, cliff faces and steep valley sides.

### Features\*:

Leafless, spreading to upright, shrub or small tree up to 7 m tall. Branchlets slender, 120–400 × 1.8–4.0 mm, drooping, green, compressed. Leaves on branchlets reduced to a triangular scale, glabrous, < 0.8 mm long. Inflorescence a raceme, up to 30 mm long, with up to 20 flowers; pedicel 1.0–3.5 mm long, sparsely hairy. Calyx 1.5–2.4 × 1.5–2.4 mm, outer surface sparsely hairy to glabrescent, or glabrous, green; lobes 0.4–0.6 mm long, triangular. Flowers pink with dark pink veins, up to 8 mm long. Standard 7.0–7.5 × 6.3–6.6 mm, obovate, recurved; wings 5.3–7.8 × 1.0–1.7 mm, oblong, shorter than keel; keel 6.6–8.5 × 2.1–3.2 mm. Stamens 6.0–7.5 mm long. Pistil 7.8–8.4 mm long, exerted beyond stamens, ovary glabrous. Pods 8.0–28.0 × 2.8–5.2 mm, linear, laterally compressed, strongly constricted between the seeds, the seed outline not visible through the dry fruit wall, and the lower filaments are usually absent on mature fruits, indehiscent; beak up to 2.5 mm long, narrowly triangular, tapering to the persistent style; with up to 10 seeds. Seeds 2.0–3.5 mm long, reniform to reniform-triangular, light green-yellow, buff or orange-brown, often with black mottling.

### Flowering:

November – January

### Fruiting:

January – December

### Threats:

Not Threatened

### \*Attribution:

Fact sheet prepared for NZPCN by P.J. de Lange (21 April 2011). Description adapted on Allan (1961) supplemented by data obtained from herbarium specimens.

### References and further reading:

Allan, H.H. 1961: Flora of New Zealand. Vol. I. Wellington, Government Printer.

Thorsen, M. J.; Dickinson, K. J. M.; Seddon, P. J. 2009. Seed dispersal systems in the New Zealand flora. Perspectives in Plant Ecology, Evolution and Systematics 2009 Vol. 11 No. 4 pp. 285-309

### For more information, visit:

[http://nzpcn.org.nz/flora\\_details.asp?ID=1598](http://nzpcn.org.nz/flora_details.asp?ID=1598)



**Caption:** Riparian scrub, Swale Catchment

**Photographer:** Simon Moore



**Caption:** *Carmichaelia glabrescens*

**Photographer:** John Barkla