

Carmichaelia petriei

COMMON NAME

desert broom

SYNONYMS

Carmichaelia petriei var. *minor* G.Simpson; *Carmichaelia ramosa* G.Simpson; *Carmichaelia virgata* Kirk

FAMILY

Fabaceae

AUTHORITY

Carmichaelia petriei Kirk

FLORA CATEGORY

Vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Trees & Shrubs - Dicotyledons

NVS CODE

CARPET

CHROMOSOME NUMBER

2n = 32

CURRENT CONSERVATION STATUS

2017 | At Risk – Declining | Qualifiers: DP, RF

PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

BRIEF DESCRIPTION

Yellowish shrub with untidy erect leafless branches. Branches rounded, 1–3.5 mm wide, with long yellow tips. Flowers small, pea-like, pink, in small clusters. Fruit a drooping dry pod containing 1–4 hard mottled seeds.

FLOWER COLOURS

Violet/Purple, White

LIFE CYCLE

Seeds are possibly dispersed by wind and granivory (Thorsen et al., 2009).

ETYMOLOGY

carmichaelia: After Carmichael, a botanist

petriei: Named after Donald Petrie (1846 -1925), Scottish born Otago botanist

REFERENCES AND FURTHER READING

Thorsen MJ, Dickinson KJM, Seddon PJ. 2009. Seed dispersal systems in the New Zealand flora. *Perspectives in Plant Ecology, Evolution and Systematics* 11: 285–309. <https://doi.org/10.1016/j.ppees.2009.06.001>.



L. Pukaki, November. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.



At Lake Pukaki, November. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/carmichaelia-petriei/>