

Veronica corriganii

COMMON NAME

hebe

SYNONYMS

Hebe corriganii Carse

FAMILY

Plantaginaceae

AUTHORITY

Veronica corriganii (Carse) Garn.-Jones

FLORA CATEGORY

Vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Trees & Shrubs - Dicotyledons

NVS CODE

HEBCOR

CHROMOSOME NUMBER

2n = 80

CURRENT CONSERVATION STATUS

2017 | Not Threatened

PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

BRIEF DESCRIPTION

Erect bushy shrub bearing pairs of long narrow leathery leaves and white flowers with a tube much longer than the small green basal cup inhabiting mainly upland areas of central North Island. Leaves to 145mm long by 20mm wide. Leaf bud with small round gap between leaves at base.

DISTRIBUTION

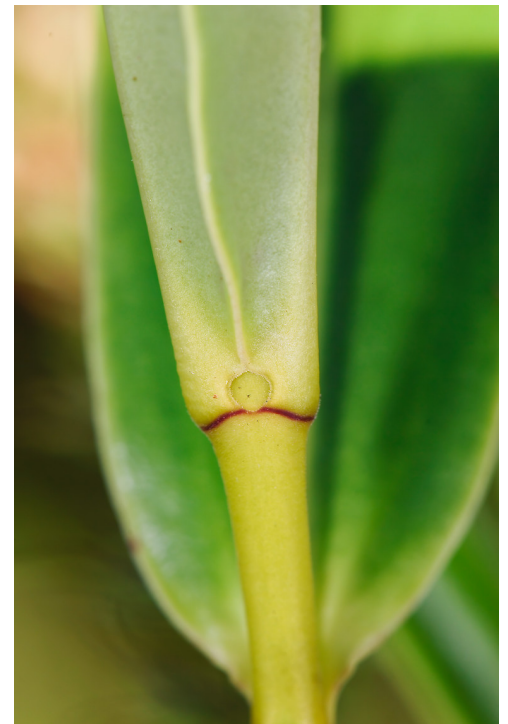
Endemic to North Island - From the Hunua Ranges in the north to the North-West Ruahine Range in the south, and between the Raukumara Range in the east and the Pouakai Range (Taranaki) in the west.

HABITAT

Grows in a range of situations from near-coastal lowland scrub to montane or subalpine forests.



In cultivation. Photographer: Jeremy R. Rolfe, Date taken: 19/07/2007, Licence: CC BY.



Sinus of leaf bud. In cultivation. Photographer: Jeremy R. Rolfe, Date taken: 19/07/2007, Licence: CC BY.

DETAILED DESCRIPTION

Openly branched, small to large bushy shrub to 2.5 m tall. Branches erect, old stems grey or brown or black (at least on herbarium specimens); branchlets green (sometimes tinged maroon) to brown, glabrous or minutely puberulent, hairs bifarious or rarely uniform; internodes (5-) 12-22 (-36) mm; leaf decurrencies usually somewhat evident (often with a slight ridge along medial line that can give branchlets an angular or flattened appearance). Leaf bud distinct; sinus small and rounded or square to oblong. Leaves erecto-patent or patent; lamina linear-lanceolate, coriaceous, slightly m-shaped in transverse section, 70-105 (-145) x (7.2-) 8-16 (-19.3) mm; apex acute or subacute; brochidodromous secondary veins sometimes evident in fresh leaves > margin puberulent to ciliolate (sometimes sparsely), entire or distantly denticulate; upper surface dark green, glossy or dull. without evident stomata, hairy along midrib; lower surface green or light green; petiole 2.5-3.2 mm, hairy along margins and above. Inflorescences with 100-120 flowers, lateral, unbranched, 8-14.5 cm; peduncle 1.6-2.7 cm; rachis 6.6-12.1 cm. Bracts alternate, lanceolate, subacute or acute, sometimes sparsely hairy outside. Flowers hermaphrodite. Pedicels 1.4-4 mm. Calyx 2.5-4 mm; lobes deltoid or ovate or oblong, acuminate to obtuse, glabrous outside (but often hairy inside), Corolla tube hairy inside, 3.5-5 x 1.9-2.4 mm, slightly expanded in lower half, longer than calyx; lobes white or tinged mauve at anthesis, ovate or elliptic, obtuse, suberect to patent, shorter than corolla tube, sometimes with a few hairs toward base on inner surface and sometimes ciliate (near base), Stamen filaments 4.5-5 mm; anthers pale mauve, (1.5-) 1.9-2.3 mm. Ovary 0.8-1.1 mm; ovules approximately 10-13 per locule; style (4.5-) 6-9 mm. Capsules subacute, (3.6-) 4.7-6 (-7) x (2.3-) 3-4 mm, loculicidal split extending ¼-way to base. Seeds strongly flattened, broad ellipsoid to discoid, not winged to only weakly winged, more or less smooth, pale brown, 1.3-2.2 x 1.1-1.7 mm, micropylar rim 0.4-0.6 mm.

SIMILAR TAXA

Distinguished from other North Island species by the combination of: an obvious leaf bud sinus; coriaceous, linear-lanceolate leaves; and corolla tubes longer than calyces and corolla lobes. The species has similar leaves and fruit to *V. macrocarpa*. The two are probably closely related and may intergrade. They differ primarily in the presence/absence of a leaf bud sinus, and plants with both conditions co-occur in some localities near the geographic boundary between them.

FLOWERING

(July-) August - March

FLOWER COLOURS

Violet/Purple, White

FRUITING

April (-June)

LIFE CYCLE

Seeds are wind dispersed (Thorsen et al., 2009).

ETYMOLOGY

veronica: Named after Saint Veronica, who gave Jesus her veil to wipe his brow as he carried the cross through Jerusalem, perhaps because the common name of this plant is 'speedwell'. The name Veronica is often believed to derive from the Latin vera 'truth' and iconica 'image', but it is actually derived from the Macedonian name Berenice which means 'bearer of victory'.

corriganii: Honours Mr D.H.L. Corrigan, who discovered the species.

TAXONOMIC NOTES

V. macrocarpa and *V. corriganii* are retained here as distinct species (cf. Druce 1993; Clarkson et al. 2002), primarily because they differ consistently in the sinus character over broad geographic areas. Revision of this classification might be appropriate if further studies more firmly establish a close relationship and/or substantial introgression between them.

ATTRIBUTION

Description adapted by M. Ward from Bayly & Kellow (2006)

REFERENCES AND FURTHER READING

- Bayly, M.J., Kellow, A.V. 2006. An illustrated guide to New Zealand Hebes. Wellington, N.Z.: Te Papa press pg. 278.
- Clarkson, B., Merrett, M. and Downs, T. 2002. Botany of the Waikato. Hamilton: Waikato Botanical Society Inc.
- Druce, A. P. 1993. Indigenous vascular plants of New Zealand. 9th revision. Unpublished checklist held at Landcare Research, Lincoln, New Zealand. Copy also held in the library of the Museum of New Zealand Te Papa Tongarewa, Wellington.
- 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 11: 285-309

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/veronica-corriganii/>