



## Weinmannia racemosa

### Common Name(s):

kamahi, tawheo, tawhero, tawherowhero

### Current Threat Status (2012):

Not Threatened

### Distribution:

Endemic. North, South, Stewart Island. The exact northern limits of *Weinmannia racemosa* are uncertain but probably lie somewhere along the Manukau Harbour and Hunua Ranges across the Kamai Range. North of here the distinction between *Weinmannia racemosa* and *W. silvicola* is often confused. This needs further study.

### Habitat:

Coastal to subalpine. A widespread and common tree of disturbed habitats in coastal and lowland to montane forest, often becoming locally dominant in higher altitude montane forest in the higher ranges of the North Island and western South Island.

### Features\*:

Tree up to 28 m tall often forming a narrowly domed canopy (but this will vary according to local conditions). Trunk up to 1.2 m diameter. Branches numerous, erect to spreading, Foliage heterophyllous. with distinct seedling, juvenile and adult leaves (reversion shoots common). Stipules caducous, 3-6 mm long, lanceolate, finely pubescent, yellow-green to pinkish. Seedling and juvenile leaves membranous to subcoriaceous, 10-60 × 10-30 mm; lamina simple to 3-lobed or 3-foliolate, ovate-elliptic to elliptic or lanceolate, apices subacute to acute, margins serrate to incised-serrate; adult leaves coriaceous, on petioles up to 20 mm long, lamina 30-100 × 20-40 mm lamina simple, elliptic, ovate-elliptic to broad-ovate, apices obtuse to subacute, margins rather coarsely, bluntly serrate. Inflorescences in racemose; racemes 60-1140 mm long, rachises and pedicels finely, pilose-pubescent; pedicels 2-4 mm long, clustered, ascending to spreading. Sepals 1.0-1.5 mm. long, ovate, persistent; petals 4(-5), 2-3 mm long, ovate-oblong, white, cream or pale pink; stamens 8-10, exserted, filaments up to 10 mm long, white or pinkish white, anthers 0.2-0.3 mm diameter, cream; nectaries 8, red; ovary, narrowly ovoid 0.8 mm diameter, covered in appressed hairs, carpels 2, free almost to base. Styles 3-4 mm long, pale pink, persistent; stigma 0.2-0.4 mm, pink or pale pink, punctate. Fruit a pubescent, broadly cylindrical capsule 4.0-5.8 × 2.7-3.1 mm, initially greyish drying honey-brown or dark brown. Seeds numerous, 1.0-1.5 mm long, narrowly elliptic to elliptic-oblong, orange-brown, apices bearing dense hair tufts, otherwise glabrous.

### Flowering:

July - January

### Fruiting:

October - May

### Threats:

Not Threatened

### \*Attribution:

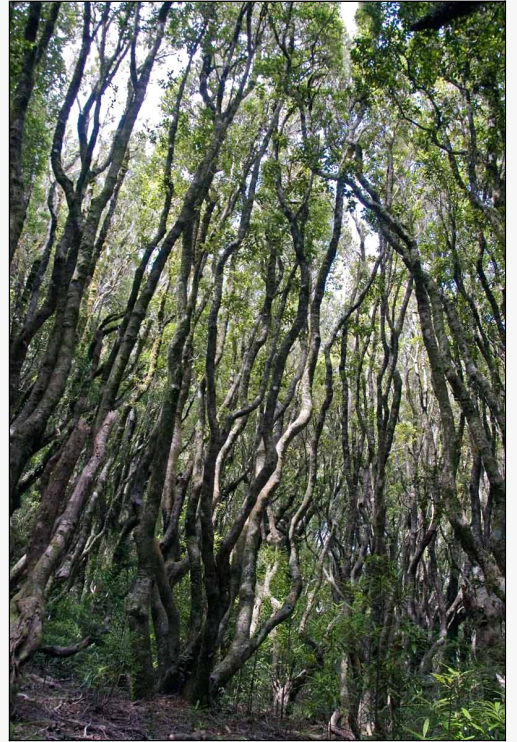
Fact sheet prepared for NZPCN by P.J. de Lange (13 October 2012). Description prepared by P.J. de Lange.

### References and further reading:

McKenzie, R. 1960. The distributional overlap of *Weinmannia sylvicola* and *Weinmannia racemosa*. Auckland Botanical Society Journal, 17: 7-8

### For more information, visit:

[http://nzpcn.org.nz/flora\\_details.asp?ID=1368](http://nzpcn.org.nz/flora_details.asp?ID=1368)



**Caption:** Tararua Range. Feb 2008.

**Photographer:** Jeremy Rolfe



**Caption:** Mt Pirongia

**Photographer:** Gillian Crowcroft