

# Coprosma ciliata

## SYNONYMS

*Coprosma myrtilifolia* Hook. f.

## FAMILY

Rubiaceae

## AUTHORITY

*Coprosma ciliata* Hook.f.

## FLORA CATEGORY

Vascular – Native

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Trees & Shrubs - Dicotyledons

## NVS CODE

COPCIL

## CHROMOSOME NUMBER

2n = 88

## CURRENT CONSERVATION STATUS

2017 | Not Threatened

## PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

## BRIEF DESCRIPTION

Bushy shrub with wide-angled branches bearing very small pairs of leaves that have small hairs along the leaf margin and also underneath. Twigs covered in small hairs at tip. Leaves thin, longer than wide, with 1 or 2 pits on underside. Fruit orange.

## DISTRIBUTION

North, South, Stewart, Auckland, Campbell and Antipodes Islands. From the Taranui Range southwards.

## HABITAT

Lowland to higher montane, 0-900 m, forest and grassland, apparently almost throughout, but local except in southern portion of range.



Homer tunnel, December. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.



Homer tunnel, December. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.

## DETAILED DESCRIPTION

Variable, erect or spreading or sometimes sub-prostrate shrub up to approximately 3 m tall. Branches slender, branchlets pubescent. Leaves on petioles (1-) 2-3 (-4) mm long, hairy. Stipules subacute, pubescent, densely ciliate, with conspicuous tuft at apex. Lamina thin, pubescent, broad-ovate to oval to oblong, acute to obtuse, (6-) 10 (-20) x (1.5-) 4-5 (-10) mm. Midrib (pilose above and below) and principal secondary veins usually evident on both surfaces. Flowers solitary, axillary. Male flower without calyx; corolla funnelform, lobes ovate-triangular, acute, equal to tube. Female flower with acute, short, triangular calyx-teeth; corolla subcampanulate, cut 1/2 way into acute lobes. Drupe white or yellow or orange or pink or purplish-red, globose to oblong, approximately 6-7 mm diameter.

## MANAAKI WHENUA ONLINE INTERACTIVE KEY

Key to *Coprosma* species of New Zealand

## SIMILAR TAXA

Although certainly a distinct species, some forms of *Coprosma* are infuriatingly difficult to distinguish from some forms of *C. ciliata*.

*Coprosma dumosa* has smaller fruit, 4-5 mm diameter, and usually watery white or yellow or pink or orange or red. If pigmented, the colour is all in the skin; the flesh of the fruit is clear and watery (whereas in *C. ciliata* the flesh as well as the skin is usually coloured). *C. dumosa* has more leathery leaves which tend to be widest toward the tip, which is generally more rounded, and blunt (*C. ciliata* leaves are widest about the middle and thinner and tend to taper to a pointed apex). *C. dumosa* is less hairy than most forms of *C. ciliata*.

*Coprosma rubra* has flattened leaf stalks, a small denticle at the tip of most stipules, and yellowish white oblong fruit 4-6 mm long.

*Coprosma parviflora* has violet fruit and lack a prominent tuft of hairs on the stipule.

*Coprosma crassifolia* shaded leaves can have hair-fringed margins as in *C. ciliata* and *C. rubra*, but the very pale under-surface of the leaf contrasting with the dark green leathery upper surface is distinctive; so is the smooth, red-brown, rather glossy bark on older branches and trunks.

## FLOWERING

October-November (-January)

## FLOWER COLOURS

Green

## FRUITING

February-May

## LIFE CYCLE

Fleshy drupes are dispersed by frugivory (Thorsen et al., 2009).

## ETYMOLOGY

**coprosma:** From the Greek kopros 'dung' and osme 'smell', referring to the foul smell of the species, literally 'dung smell'

**ciliata:** From the Latin cilia 'eyelash', meaning fringed with hairs

## TAXONOMIC NOTES

In Allan (1961), Oliver, in the course of his discussion, which should be consulted, says: "Hooker described from the Auckland Islands under the name of *C. myrtillifolia* specimens having smaller leaves wanting hairs on the margin. Besides a portion of the type the Dominion Museum contains a good series of specimens of *C. ciliata* which I collected at the Auckland, Campbell, and Antipodes islands in 1927. These show variations from large ciliate leaves to small glabrous ones, both often being found on the same branches. *C. myrtillifolia* corresponds with the form with small glabrous leaves, which I judge to be characteristic of the more exposed positions."

## ATTRIBUTION

Description adapted by M. Ward from Allan (1961) and Wilson & Galloway (1993).

## REFERENCES AND FURTHER READING

- Allan, H. H. 1961. Flora of New Zealand. Vol. 1. Wellington: Government Printer. pg. 570-571.
- 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.
- Wilson, H. D., & Galloway, T. 1993. Small-leaved shrubs of New Zealand. Manuka Press. pg. 92-93.

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/coprosma-ciliata/>