

Celmisia cordatifolia var. brockettii

COMMON NAMES

mountain daisy

BIOSTATUS

Native – Endemic taxon

CURRENT CONSERVATION STATUS

2023 | At Risk – Naturally Uncommon | Qualifiers: CR, DPT, OL

[Jump to previous conservation statuses](#)

CATEGORY

Vascular

STRUCTURAL CLASS

Herbs - Dicotyledonous composites

FLOWER COLOURS

White, Yellow

DETAILED DESCRIPTION

Woody-based herb with short branchlets arising from a sparsely multicapital stock, usually just below the soil surface; living leaves in rosettes at the tips several rosettes. Leaf sheaths densely imbricate and compacted into a pseudostem. Leaf lamina 40-120 × 20-50 mm, coriaceous, at first erect but later decumbent, narrowly lanceolate-cordate; upper surface often sulcate, concolorous, yellowish to glaucous-green, glabrous or with scattered white hairs when young; lower surface thickly clad in felted, dull, pale brown hairs: tip acute; margins entire, slightly to moderately recurved, often with a rim of ferruginous hairs; base prominently cordate; petiole up to twice lamina length, purple, covered in floccose ferruginous hairs. Scape purple, clad in dense ferruginous tomentum, up to 350 mm long; bracts numerous, erect, linear, monocephalous. Capitula up to 60 mm diameter. Phyllaries in several series, linear-subulate, erect, glabrous in lower part and densely brown-tomentose towards tip. Ray florets c. 25, ligulate, the limb linear-lanceolate, white. Disc florets c. 110, funneliform, yellow; tube with eglandular biseriate hairs. Achene fusiform cylindrical, ribbed, 4-5 mm long, glabrous. Pappus unequal, 5-6 mm long, of 25-30 bristles.

SIMILAR TAXA

Very similar to *C. cordatifolia* var. *cordatifolia* except that the tomentum of lower surface is coloured dark chocolate brown rather than deep buff. This variety was not maintained by Given (1984) who included it in var. *cordatifolia*. However, the few specimens known appear to be very distinctive. Further research into the *C. cordatifolia* varieties is needed.

DISTRIBUTION

Endemic. South Island. Marlborough (Mt Bounds)

HABITAT

Alpine. Probably the same as *Celmisia cordatifolia* var. *cordatifolia* (i.e. found growing on skeletal soils and associated peat within rocky herbfield).

GENUS

Celmisia

FAMILY

Asteraceae

AUTHORITY

Celmisia cordatifolia var. *brockettii* W.Martin

SYNONYMS

None

ENDEMIC TAXON

Yes



ENDEMIC GENUS

No

ENDEMIC FAMILY

No

FLOWERING

December

FRUITING

Unknown

PROPAGATION TECHNIQUE

Unknown. Probably easy from fresh seed that has been cold treated. However, like many *Celmisia* probably difficult to maintain in warm or humid climates.

ETYMOLOGY

celmisia: Apparently named after Kelmis, one of Idaean Dactyls, a group of skilled mythical beings associated with the Mother Goddess Rhea in Greek mythology. Kelmis, whose name means 'casting', was a blacksmith and childhood friend of Zeus, son of Rhea and later king of the gods. In Ovid's 'Metamorphoses', Kelmis is described as offending Zeus who turned him into adamant so he was as hard as a tempered blade

MANAAKI WHENUA ONLINE INTERACTIVE KEY

[Key to *Celmisia* in New Zealand](#)

NVS CODE

CELCVB

PREVIOUS CONSERVATION STATUSES

2017 | Data Deficient

2012 | Data Deficient

2009 | Data Deficient

2004 | Not Threatened

[Jump to current conservation status](#)

REFERENCES AND FURTHER READING

Given, D.R. 1984: A taxonomic revision of *Celmisia* subgenus *Pelliculatae* section *Petiolatae* (Compositae—Astereae). *New Zealand Journal of Botany* 22: 139-158.

ATTRIBUTION

Fact Sheet prepared by P.J. de Lange (22 February 2009). Description by P.J. de Lange based on type specimen - but see comments by Given (1984)

NZPCN FACT SHEET CITATION

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<https://www.nzpcn.org.nz/flora/species/celmisia-cordatifolia-var-brockettii/> (Date website was queried)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/celmisia-cordatifolia-var-brockettii/>

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