



## *Celmisia dubia*

### Common Name(s):

mountain daisy

### Current Threat Status (2012):

Not Threatened

### Distribution:

Endemic. South Island: North-West Nelson (Boulder Lake and Goulard Downs area, south to Mount Rochfort near Westport, Stockton and Denniston, and the southern Paparoa Range (Mount Watson, Mount Davy).

### Habitat:

Montane to alpine. A species of impoverished or infertile skeletal soils. Commonly found in rock crevices, fellfield, or on very thin, infertile soils, also in sparse grassland. *Celmisia dubia* is the dominant *Celmisia* associated with the impoverished, water saturated, thin soils developed on quartzites overlying coal measures.

### Features\*:

Woody-based herb with branchlets arising from a simple or multicapital stock, usually hidden below ground; living leaves in rosettes at the tips of branchlets, the whole plant forming an irregular patch of one to several rosettes; leaf sheaths densely imbricate and compacted, forming a pseudo-stem. Leaf lamina (2.3)-8-(15) x (0.7)-1.6-(3) cm, subcoriaceous, erect when young but becoming patent (especially in small plants from exposed sites); upper surface usually sulcate, concolorous, sometimes slightly bronzed, covered by a thick lead-coloured dull pellicle; lower surface densely covered in glistening appressed tomentum, midrib prominent, often purple; tip acute; margins entire or with fine distinct teeth, often recurved; base narrowed to a distinct petiole up to 3 cm long. Sheath up to 6 x 1.5 cm, purple, glabrate. Scape purple, sparsely clad in floccose white hairs, often slender, up to 25 cm long; bracts several, erect, up to 4 cm long, margins revolute; monocephalous. Ray florets 20-60, ligulate, the limb narrow-linear, white. Disc florets 20-80, c. 6 mm long, funneliform, yellow, long eglandular biseriate hairs along most of tube. Achene fusiform to obovoid, strongly grooved, 2.5- 6 mm long, glabrous or with numerous bifid hairs. Pappus unequal, 4-7 mm long, of c. 30 barbellate bristles.

### Flowering:

October - February

### Fruiting:

November - April

### Threats:

Not Threatened

### \*Attribution:

Description from Given (1980)

### References and further reading:

Given, D.R. 1980: A taxonomic revision of *Celmisia coriacea* (Forst.f.) Hook.f. and its immediate allies (Astereae-Compositae). *New Zealand Journal of Botany* 18: 127-140.

### For more information, visit:

[http://nzpcn.org.nz/flora\\_details.asp?ID=2327](http://nzpcn.org.nz/flora_details.asp?ID=2327)



**Caption:** Mt Rochfort, Ngakawau ED, North Westland

**Photographer:** Jane Marshall



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