



Celmisia rutlandii

Current Threat Status (2012):

At Risk - Naturally Uncommon

Distribution:

Endemic. South Island: Mount Stokes; Richmond Range and Wairau mountains (Mount Patriarch, Mount Richmond, Mount Fishtail, Royal Knob, Mount Sunday, Mount Riley)

Habitat:

Alpine. Fellfield and crevices in rock outcrops surrounded by tussock grassland.

Features*:

Woody-based herb with branchlets arising from a sparsely multicapital stock, usually close to the soil surface; living leaves in rosettes at the tips of branchlets, the whole plant forming a clump of 1-8 rosettes; leaf sheaths densely imbricate and compacted, forming a pseudo-stem. Leaf lamina 50-130 x 15-35 mm, coriaceous and rigid, all but the oldest leaves erect, lanceolate-ovate; upper surface sulcate, finely wrinkled when dry, concolorous, yellowish green, usually glabrous; lower surface densely covered in glistening appressed tomentum, usually silvery when fresh but buff in dried specimens, midrib prominent and purple; tip acute; margins entire, recurved; base usually cordate; petiole up to 6 cm long, purple. S sheath up to 70 x 25 mm, purple, clad in floccose, white hairs. Scape purple, clad in floccose, white hairs, up to 250 mm long; bracts several in upper part, erect, linear; monocephalous. Ray florets c. 40, ligulate, the limb linear, white. Disc florets c. 60, 5 mm long, funneliform, yellow, tube with eglandular biseriate hairs. Achene fusiform-cylindric, obscurely grooved, 3-5 mm long, hairs scattered to dense in upper half; hairs short, appressed, bifid. Pappus unequal, 5-6 mm long, of 25-30 barbellate bristles.

Flowering:

November - February

Fruiting:

December - April

Threats:

A naturally uncommon species that does not appear to be actively threatened

*Attribution:

Description from Given (1980)

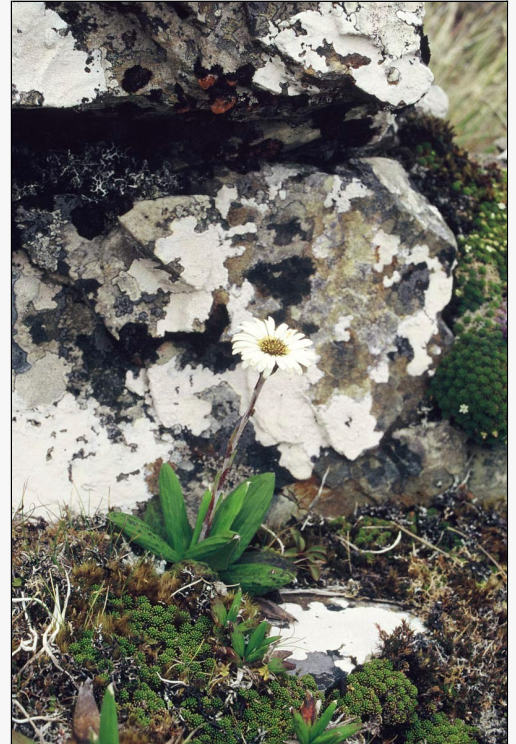
References and further reading:

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.

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

For more information, visit:

http://nzpcn.org.nz/flora_details.asp?ID=430



Caption: Summit, Mt Stokes

Photographer: Gillian Crowcroft



Caption: Mt Stokes (November)

Photographer: John Smith-Dodsworth