

# Poa aucklandica subsp. campbellensis

## COMMON NAMES

Campbell Island poa

## BIOSTATUS

Native – Endemic taxon

## CURRENT CONSERVATION STATUS

2023 | At Risk – Naturally Uncommon | Qualifiers: IE, OL

[Jump to previous conservation statuses](#)

## CATEGORY

Vascular

## STRUCTURAL CLASS

Grasses

## DETAILED DESCRIPTION

Dull green, slenderly rhizomatous perennial forming small closely packed tufts with narrow, ± erect leaves, ± reaching top of culms; branching extravaginal at plant base, intravaginal above; leaf-blades persistent. **Leaf-sheath** glabrous, very light green or pale brown, membranous, shredding into fibres. **Ligule** 0.3–1.0 mm, apically glabrous, ± obtuse and slightly erose, abaxially slightly scabrid. **Leaf-blade** 20–50 × 0.5–1.5 mm, stiff, inrolled, underside smooth, upper surface minutely ciliate-scabrid on ribs; margins and midrib smooth, tip curved. **Culms** 20–100 mm tall, slender, internodes usually slightly scabrid below panicle. **Panicle** 15–50 mm, rather lax, with few large spikelets borne singly at tips of filiform, finely scabrid branches. **Spikelets** 4.5–6.5 mm, 3–5-flowered, brownish green or greenish purple. **Glumes** unequal, smooth, but occasionally scabrid on midnerve near tip, elliptic-ovate, acute to subacute; lower 3–4 mm long, 3-nerved, upper 4.0–4.5 mm, 3–5-nerved. **Lemma** 4.0–4.5 mm, elliptic-ovate, subacute to acute; 5–7-nerved, nerves minutely scabrid with a few short hairs near base of midnerve and outer lateral nerves, internerves glabrous, often scabrid towards tip, midnerve occasionally very slightly excurrent. **Palea** 3–4 mm, minutely closely scabrid on keels, smooth elsewhere. **Callus** with very small tuft of long crinkled hairs. **Rachilla** 1 mm, sparsely scabrid; prolongation to twice as long. **Lodicules** 0.5–0.7 mm. **Anthers** 0.3–0.4 mm. **Seeds** 1.5 × 0.7 mm.

## SIMILAR TAXA

Allied to *Poa aucklandica* Petrie subsp. *aucklandica* and *P. aucklandica* subsp. *rakiura* Edgar. The first subspecies is confined to the Auckland Islands and differs by its larger tufted habit, with culms up to 300 cf. 100 mm tall in subsp. *campbellensis*, less closely packed culms, longer ligule (up to 1.3 cf. 1.0 mm) and longer leaves (up to 160 mm cf. 50 mm) which are flat or folded rather than stiff and inrolled, larger panicle (up to 80 mm cf. 50 mm), subequal rather than unequal glumes and other minor differences in the glume ornamentation, lemma, palea and anther size ranges. *Poa aucklandica* subsp. *rakiura* differs by its restriction to Mt Anglem, Stewart Island, by its slender, laxly tufted habit, taller culms (up to 500 cf. 100 mm), occasionally finely pubescent-scabrid leaf-sheath, longer leaves (up to 200 cf. 50 mm), larger panicle up to 75 cf. 50 mm, and other minor differences in the glume ornamentation, lemma, palea and anther size ranges.

## DISTRIBUTION

Endemic. New Zealand: Campbell Island

## HABITAT

Upland rocky herbfield

## THREATS

Not threatened. Listed because it is a narrow range island endemic abundant within its known habitats.

## GENUS

Poa



## FAMILY

Poaceae

## AUTHORITY

*Poa aucklandica* subsp. *campbellensis* (Petrie) Edgar

## SYNONYMS

*Poa kirkii* var *campbellensis* (Petrie) Zotov

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## FLOWERING

Unknown—insufficiently studied and collected.

## FRUITING

Unknown—insufficiently studied and collected.

## PROPAGATION TECHNIQUE

Unknown

## WHERE TO BUY

Not Commercially Available

## ETYMOLOGY

**poa**: Meadow grass

**aucklandica**: Of the Auckland Islands

## MANAAKI WHENUA ONLINE INTERACTIVE KEY

[Key to the grasses of New Zealand](#)

## CHROMOSOME NUMBER

2n = 28

## PREVIOUS CONSERVATION STATUSES

2017 | At Risk – Naturally Uncommon | Qualifiers: IE, OL

2012 | At Risk – Naturally Uncommon | Qualifiers: IE, OL

2009 | At Risk – Naturally Uncommon | Qualifiers: IE

2004 | Range Restricted

[Jump to current conservation status](#)

## REFERENCES AND FURTHER READING

Edgar E, Connor HE. 2000. Flora of New Zealand. Vol. V. Grasses. Manaaki Whenua Press, Christchurch, NZ. 650 p.

## ATTRIBUTION

Fact sheet prepared for NZPCN by P.J. de Lange (June 2005). Description modified from Edgar and Connor (2000). Some of this factsheet information is derived from [Flora of New Zealand Online](#) and is used under a [Creative Commons Attribution 3.0 New Zealand](#) licence.

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/poa-aucklandica-subsp-campbellensis/>

## PDF DATE

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