

Poa aucklandica subsp. campbellensis

COMMON NAMES

Campbell Island poa

SYNONYMS

Poa kirkii var *campbellensis* (Petrie) Zotov

FAMILY

Poaceae

AUTHORITY

Poa aucklandica subsp. *campbellensis* (Petrie) Edgar

FLORA CATEGORY

Vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Grasses

CHROMOSOME NUMBER

$2n = 28$

CURRENT CONSERVATION STATUS

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

PREVIOUS CONSERVATION STATUSES

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

2009 | At Risk – Naturally Uncommon | Qualifiers: IE

2004 | Range Restricted

DISTRIBUTION

Endemic. New Zealand: Campbell Island

HABITAT

Upland rocky herbfield



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.

MANAAKI WHENUA ONLINE INTERACTIVE KEY

Key to the grasses of New Zealand

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. *campbelliensis*, 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.

FLOWERING

Unknown—insufficiently studied and collected.

FRUITING

Unknown—insufficiently studied and collected.

PROPAGATION TECHNIQUE

Unknown

THREATS

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

ETYMOLOGY

poa: Meadow grass

aucklandica: Of the Auckland Islands

WHERE TO BUY

Not Commercially Available

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.

REFERENCES AND FURTHER READING

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

MORE INFORMATION

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

PDF DATE

17 September 2024