Bartramia alaris

COMMON NAMES
moss

BIOSTATUS
Native

CURRENT CONSERVATION STATUS
2025 | Data Deficient | Qualifiers: OL, PE, TO
Jump to previous conservation statuses

CATEGORY
Non-vascular

STRUCTURAL CLASS
Mosses

DETAILED DESCRIPTION
Gracile, tufted, terricolous yellow-green moss of open ground. Stems 10-20 mm tall, simple, slightly radiculose below, densely foliate. Leaves 4.0-4.5 mm long suberect, flexuose when dry but neither crisped nor strict; slightly incurved when moist; from a very short deltoid-triangular base gradually narrowed to a linear-subulate subula, with an robust apex; margins throughout narrowly revolute, bistratose above, spinulose-dentate in two or more rows. Nerve 50-60 microns wide, subequal throughout, projecting dorsally, excurrent, serrate on the back towards the apex. Upper cells 7-10 microns long, very shortly rectangular or subquadrate, obscure and papillose; lower cells in the dilated base pale, empty, narrowly linear; those at the angles laxer, forming a small and distinct but not clearly defined alar group; those at the insertion orange-yellow. Fruits not yet seen.

DISTRIBUTION
Indigenous. North Island, Hawke’s Bay (Havelock North).

SUBSTRATE DETAILS
Soil in open or sparsely vegetated ground.

THREATS
Unknown. This species has been collected only once in 1929 from pasture at Havelock North (Hawke’s Bay) and it has not been seen since though no one has specifically searched for it either (see Glenny et al. 2011).

GENUS
Bartramia

FAMILY
Bartramiaceae

AUTHORITY
Bartramia alaris Dixon & Sainsbury

SYNONYMS
None

ENDEMIC TAXON
No

ENDEMIC GENUS
No

ENDEMIC FAMILY
No

FRUITING
Not yet seen

ETYMOLOGY

alaris: Axillary

PREVIOUS CONSERVATION STATUSES

2014 | Data Deficient | Qualifiers: OL, TO
2010 | Data Deficient | Qualifiers: OL, TO
2005 | Threatened – Nationally Critical | Qualifiers: TO, DP
Jump to current conservation status

REFERENCES AND FURTHER READING

Glenny, D.; Fife, A.J.; Brownsey, P.J.; Renner, M.A.M.; Braggins, J.E.; Beever, J.E.; Hitchmough, R. 2011: Threatened and uncommon bryophytes of New Zealand (2010 Revision). New Zealand Journal of Botany 49: 305-327.
Sainsbury, G.O.K. 1955: A handbook of the New Zealand mosses. Royal Society of New Zealand Bulletin 5.

ATTRIBUTION

Fact sheet prepared for NZPCN by P.J. de Lange (1 October 2007). Description adapted from Sainsbury (1955).

MORE INFORMATION

https://www.nzpcn.org.nz/flora/species/bartramia-alaris/

PDF DATE

25 May 2026