

Bartramia alaris

COMMON NAME

Moss

SYNONYMS

None

FAMILY

Bartramiaceae

AUTHORITY

Bartramia alaris Dixon et Sainsbury

FLORA CATEGORY

Non-vascular – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Mosses

CURRENT CONSERVATION STATUS

2009 | Data Deficient | Qualifiers: TO, DP

PREVIOUS CONSERVATION STATUS

2004 | Threatened – Nationally Critical

DISTRIBUTION

Indigenous. North Island, Hawke's Bay (Havelock North).

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.

FRUITING

Not yet seen

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).

SUBSTRATE

Soil in open or sparsely vegetated ground.

ETYMOLOGY

alaris: Axillary



ATTRIBUTION

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

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.

NZPCN FACT SHEET CITATION

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MORE INFORMATION

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