

Amphidium lapponicum

COMMON NAME

Moss

SYNONYMS

Anictangium lapponicum Hedw.; Amphidium sublapponicum (C. Müll.)
Broth.; Zygodon sublapponicus C. Müll.

FAMILY

Rhabdoweisiaceae

AUTHORITY

Amphidium lapponicum (Hedw.) Schimp.

FLORA CATEGORY

Non-vascular – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Mosses

CURRENT CONSERVATION STATUS

2009 | At Risk – Naturally Uncommon | Qualifiers: RR, Sp

DISTRIBUTION

Indigenous. New Zealand: North and South Islands. Also China, Japan, Central Asia, Europe, Greenland, Iceland, and North America

HABITAT

Terricolous on moist rocks in montane forest and subalpine scrub.

DETAILED DESCRIPTION

Plants small to medium-sized, up to 35 mm tall, dark green or yellowish brown, in dense tufts. Stems erect, simple or forked, radiculose below. Leaves strongly curled and contorted when dry, narrowly oblong- to linear-lanceolate; margins irregularly and narrowly recurved below, entire or indistinctly sinuate above; costa single, strong, ending near the leaf apex, papillose on both sides; upper laminal cells rounded-hexagonal, 8–10 µm in diameter, thick-walled, very opaque, densely warty-papillose; lower cells slightly larger, rectangular, thin-walled, hyaline or pale yellowish, smooth; alar cells not differentiated. Autoicous. Perichaetial leaves greatly enlarged, entirely sheathing, broad at base, short-pointed at the apex. Setae up to 2 mm long, as long as or shorter than perichaetial leaves; capsules shortly emergent, 1.0–1.3 mm long. Spores 9–12 µm in diameter, usually smooth or nearly so.

FRUITING

Fruiting material is known from New Zealand but there are insufficient gatherings as yet to determine periodicity

THREATS

Amphidium lapponicum is known from very few sites, all of which are located within protected land. There are no known threats. For this reason Amphidium has been listed as “Naturally Uncommon” (see Glenny et al. 2011).

ATTRIBUTION

Fact Sheet Prepared for NZPCN by: P.J. de Lange 26 October 2011. Description adapted from the Chinese eFlora (see http://www.efloras.org/florataxon.aspx?flora_id=4&taxon_id=200000880)



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.

NZPCN FACT SHEET CITATION

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<https://www.nzpcn.org.nz/flora/species/amphidium-lapponicum/> (Date website was queried)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/amphidium-lapponicum/>