



Amphidium lapponicum

Common Name(s):

moss

Current Threat Status (2009):

Naturally Uncommon

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.

Features*:

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.

For more information, visit:

http://nzpcn.org.nz/flora_details.asp?ID=6728