

Didymodon calycinus

COMMON NAME

Moss

SYNONYMS

None

FAMILY

Pottiaceae

AUTHORITY

Didymodon calycinus Dixon

FLORA CATEGORY

Non-vascular – Native

CURRENT CONSERVATION STATUS

2009 | Threatened – Nationally Critical | Qualifiers: De, DP

PREVIOUS CONSERVATION STATUS

2004 | Threatened – Nationally Critical

DISTRIBUTION

Endemic. North Island, Pureora, Wairarapa

DETAILED DESCRIPTION

Colonial, terricolous, dark green moss. Stems c.10 mm tall (or less), simple or branched. Leaves 1.00-1.25 mm long, when dry appressed and weakly twisted, with curved apices, suberect to spreading when moist; lamina base long, broadly oblong or ovate (up to 0.4 mm wide), narrowly ligulate, with an obtuse apex; margins entire, recurved throughout, except towards the apex. Nerve very strong, about 100 microns wide at the base, failing below the apex. Cells above 8-10 microns, subquadrate, incrassate, smooth and pellucid; those at the base rectangular, about 20 microns long, with rather firm walls. Perichaetium sheathing, with the inner bracts much longer than the leaves. Seta 10.0-12.5 mm long, slender, red, slightly flexuose. Capsule 10-15 mm long, oblong or cylindrical, brown. Peristome dark-brown with 16 teeth; divided completely into two filiform, scarcely auriculate, minutely papillose crurae, ad united at the base into a well-developed, closely and strongly auriculate, basal membrane.

FRUITING

Spring to Summer (exact fruiting period unknown)

THREATS

Known from very few collections. Highly threatened by habitat loss, weeds and human traffic (trampling). Vulnerable to plant collectors.

SUBSTRATE

Terrestrial on damp soil within indigenous forest

References

Sainsbury, G.O.K. 1955: A handbook of the New Zealand mosses. Royal Society of New Zealand Bulletin 5.

Fact Sheet Prepared for NZPCN by: P.J. de Lange (1 June 2007). Description adapted from Sainsbury (1955)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/didymodon-calycinus/>

