

Cratoneuron filicinum

COMMON NAME

Moss

SYNONYMS

Hypnum filicinum Hedw.; *Amblystegium filicinum* (Hedw.) de Not.

FAMILY

Amblystegiaceae

AUTHORITY

Cratoneuron filicinum (Hedw.) Spruce,

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, SO

PREVIOUS CONSERVATION STATUS

2004 | Sparse

DISTRIBUTION

Indigenous. New Zealand: North (Port Waikato, Kawhia, Tuhua (Mayor Island)), South (North West Nelson, Castlehill) and Chatham Islands. Cosmopolitan.

HABITAT

Saxicolous on water saturated calcareous and ultramafic rocks, in pools of water or on water saturated soil.

DETAILED DESCRIPTION

Erect or ascending yellowish moss of water saturated ground or growing within springs or on wet calcareous boulders and/or ultramafic substrates. Stems to 30 mm long, radiculose below, paraphyllia scant, rather regularly but not complanately pinnate, with short (up to 7 mm long) slender, flexuose branches. Leaves spreading to suberect, little altered when dry. Stem-leaves c.1 mm long; lamina ovate-cordate from a narrow decurrent base, gradually and finely acuminate; margins plane, rather finely denticulate; nerve of variably length but often contained well into acumen or nearly to apex; branch-leaves similar but smaller, ovate-lanceolate, acuminate. Cells 20-28 microns long and 3-5 x 1, smooth, elliptic-hexagonal to linear-rectangular; wider and subrectangular towards the basal angles, there sometimes enlarged and thin-walled, so as to form clearly decurrent auricles. Fruits not seen.

FRUITING

Fruits not known

THREATS

Not Threatened. A naturally uncommon, biologically sparse species in New Zealand.

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 (30 May 2008). Description adapted from Sainsbury (1955).



MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/cratoneuron-filicinum/>