

Trichostomum imshaugii

COMMON NAME

Moss

SYNONYMS

Barbula imshaugii Vitt

FAMILY

Pottiaceae

AUTHORITY

Trichostomum imshaugii (Vitt) R.H.Zander

FLORA CATEGORY

Non-vascular – Native

STRUCTURAL CLASS

Mosses

CURRENT CONSERVATION STATUS

2009 | Data Deficient

DISTRIBUTION

?Endemic. South Island (Fiordland National Park), Campbell Island.

DETAILED DESCRIPTION

Dark-green to olive-green moss forming tufts 2-3 mm tall. Stems erect, simple. Leaves erect-incurved, occasionally weakly twisted, apex cuspidate, recurved when dry, erect-spreading to recurved-spreading when moist, 1.5-2.0 mm long, ligulate-oblong, to oblong, rarely spathulate-oblong, sometimes slightly contracted near the middle of the leaf, strongly cuspidate, acute to obtuse, strongly carinate, canaliculate; margin entire, plane; nerve strong, papillose in the upper ½, excurrent as a strong red, cuspidate apex, c.45-70 µm wide at the leaf middle, in cross-section with two stereid bands; upper cells 7-12 µm wide, subquadrate to rounded-quadrate, pluripapillose, obscure; basal cells long-rectangular (c.3:1) hyaline, thin-walled, becoming quadrate to short-rectangular, slightly papillose and chlorophyllose at the upper basal margin, forming a border of 3-6 rows of cells in the upper basal portion of the leaf. Sporophytes not seen.

FRUITING

Fruits not known

THREATS

Known from very few collections. Probably not threatened but as so little is known about it, it has been listed Data Deficient as a precautionary measure.

SUBSTRATE

Saxicolous on wet basalt or schist rock

Taxonomic update

Trichostomum imshaugii is now known to be conspecific with the earlier named *Willia calobolax* - this Fact Sheet will in time be merged with that available for *Willia* (P.J. de Lange notes 17 July 2011)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/trichostomum-imshaugii/>

