

Buxbaumia novae-zelandiae

COMMON NAME

Moss

SYNONYMS

None - though *Buxbaumia colyeriae* Burges of New South Wales, Australia might be conspecific

FAMILY

Buxbaumiaceae

AUTHORITY

Buxbaumia novae-zelandiae Dixon

FLORA CATEGORY

Non-vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Mosses

CURRENT CONSERVATION STATUS

2009 | Not Threatened

PREVIOUS CONSERVATION STATUS

2004 | Sparse

DISTRIBUTION

?Endemic. North Island (Atiamuri, Karakariki, Barryville, Bennydale, Te Kuiti, Pureora, Wairoa, Ngaroma, Mokau, Awakino, Tarawera); South Island (Seddonville, Grey Valley near Greymouth)

DETAILED DESCRIPTION

Minute, colonial plants growing on a felted protonema on soil or rock. Leaves up to 0.6 mm long, red-brown, narrowly or broadly lanceolate, acute or obtuse, sometimes irregularly divided at the apex; margins bluntly toothed in upper half, without cilia. Cells most subrectangular, smooth, incrassate. Seta 10–25 mm long, red, smooth or slightly and finely papillose, glossy. Capsule 6–7 mm long, suberect, oval in outline, slightly flattened above, pale brown, smooth. Stomata superficial, often wanting, 2-celled. Outer peristome of more than one layer of cells. Operculum bluntly conical. Spores c.10 microns diameter.

FRUITING

October - February (possibly longer)

THREATS

Not Threatened. Although very easily overlooked indications are that this species is genuinely uncommon and biologically sparse

SUBSTRATE

Terricolous or saxicolous on acidic rocks and soils derived from these, where it usually grows from amongst dead or dying liverworts. This species has been collected from coastal to montane forest and scrub.

ETYMOLOGY

novae-zelandiae: Of New Zealand



ATTRIBUTION

Fact sheet prepared for NZPCN by P.J. de Lange 30 September 2007.

NZPCN FACT SHEET CITATION

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<https://www.nzpcn.org.nz/flora/species/buxbaumia-novae-zelandiae/> (Date website was queried)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/buxbaumia-novae-zelandiae/>