



## *Buxbaumia novae-zelandiae*

### **Common Name(s):**

Moss

### **Current Threat Status (2009):**

Non Threatened

### **Distribution:**

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

### **Features\*:**

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

### **\*Attribution:**

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

### **For more information, visit:**

[http://nzpcn.org.nz/flora\\_details.asp?ID=5014](http://nzpcn.org.nz/flora_details.asp?ID=5014)



**Caption:** *Buxbaumia novae-zelandiae*

**Photographer:** John Braggins