

lichens, which can be found growing in sheltered crevices such as those on the Sharks Tooth. Snowfield and icefield are almost permanent features of the summit crater and the only plant recorded in this habitat is a single-celled alga (*Chlamydomonas* sp.) which stains the snow light red.

Miscellaneous classes occupying more than one altitudinal zone

The course of the Stony River, with its braided channel and series of flood terraces, extending from below Bells Falls to the park boundary, supports a complex of successional vegetation types. These range from pioneer types dominated by the mat daisy *Raoulia tenuicaulis* and the lichen *Stereocaulon corticatulum* to intermediate shrubland types in which any one of tutu (*Coriaria arborea* var. *arborea*), manuka, *Hebe* "egmontiana", or *H. macrocarpa* var. is prominent and finally, and most extensive of all, to late successional kanuka scrub and forest. Many plants more common at higher altitude such as silver tussock, mountain tutu (*Coriaria pteridoides*), *Celmisia gracilentia* var., and everlasting daisy are components of the early successional types found down at the park boundary.

Zones of manuka scrub, kamahi forest and rimu-rata/kamahi forest on the western margin of "Potaema Bog".

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