

ADDITIONS TO THE CRAIGIEBURN RANGE

SPECIES LIST

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A published species list exists for alpine areas of the Craigieburn Range¹. Another unpublished list has been compiled for the Mt Olympus area². During the summer of 1985-1986 a number of plants were found on Hamilton Peak which extend these lists³:

Epilobium porphyrium
E. tasmanicum⁷
Acaena profundeincisa
Leucogenes grandiceps x Raoulia mammillaris
Ourisia caespitosa x O. sessilifolia
Raoulia youngii
Euphrasia laingii⁷
Hebe treadwellii
Oreobolus strictus⁷

E. tasmanicum and R. youngii are listed for the Mt Olympus area, and these findings extend their known distribution to the main Craigieburn Range.

Craigieburn collections which postdate the published list (or were made about the time of its publication) may be found in the D.S.I.R. Botany Division Herbarium for E. tasmanicum, E. porphyrium, A. profundeincisa, L. grandiceps x R. mammillaris, R. youngii and E. laingii. (Origin of herbarium collections could not be determined for O. strictus, because the folder was out on loan.)

Only 2 findings remain - O. caespitosa x O. sessilifolia and H. treadwellii - for which no Craigieburn collections exist.

The D.S.I.R. Herbarium has only two collections of O. caespitosa x O. sessilifolia⁸, both from Stewart Island.

H. treadwellii had been collected from S. Westland, Hooker Valley, the Havelock Valley (Rangitata R. tributary), and Mt Sebastopol. A rather similar looking plant, H. obovata, has been collected from Mt Sebastopol, Fog Peak, Ribbonwood Creek (Craigieburn Range), and Broken River (type locality). There is some possibility that H. treadwellii and H. obovata are the same plant⁹. Herbarium collections which have been called H. obovata may be H. treadwellii, or possibly hybrids⁶.

In summary, the plants listed above should be added to the species list for the Craigieburn Range.

- 1 Burrows, C.J. 1962: The flora of the Waimakariri Basin. Trans of the Royal Society of N.Z. (Botany) 1: 195-216.
- 2 Canterbury Botanical Society Camp, Mt Olympus Ski Club Hut, January 3rd - 9th, 1975.
- 3 Plant material was collected for use in a course of alpine plants which I taught for Christchurch Polytechnic Summer School. Plant collections were made with permission from Mr Ray Goldring, Ranger, Craigieburn Forest Park.
- 4 All plants in this list were identified by Hugh Wilson except Leucogenes grandiceps x Raoulia mamillaris which was confirmed by Brian Molloy.
- 5 Personal communication, Phil Garnock-Jones.
- 6 Personal communication, Hugh Wilson. Thanks are due to him for teaching me how to identify these plants and many more. Assistance from Bryony Macmillan in identifying Acaena spp. is gratefully acknowledged, and also thanks for permission to use the herbarium and assistance with herbarium facilities.
Hebe treadwellii illustrated was collected on the Broken River skifield near Windy Corner.
- 7 Included in Checklist of the flora of Cass. Cass - History and Science in the Cass district, ed C.J. Burrows, Botany Department University of Canterbury, 1977.
- 8 Also reported for Arthurs Pass. Burrows, C.J. 1986: Botany of Arthurs National Park, S. Id, N.Z. 1. History of botanical studies and checklist of the vascular flora. New Zealand journal of botany 24: 9-68.



Hebe treadwellii