

INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF RUAHINE RANGE, 200-5687 FT/60-1733 M

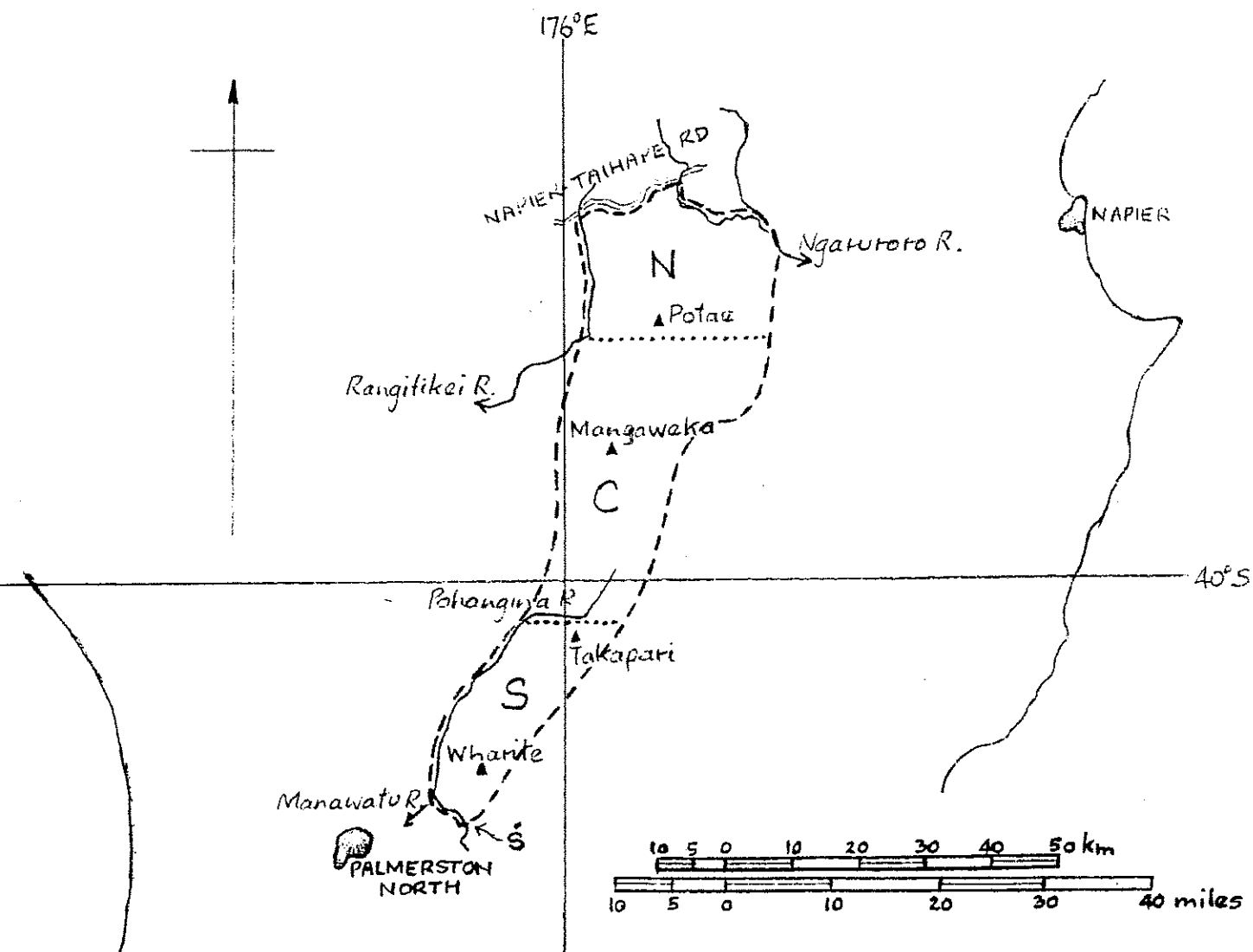
Highest peak: Mangaweka, grid.ref. NZMS 260^{U22} 741496

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(revised May 1980, Aug. 1981, June 1983, March 1984, June 1984, July 1985, May 1986, July 1987, Dec. 1990, July 1991, July 1992)

(Based on observations 1940-1991)

- N - northern Ruahine Ra
- C - central Ruahine Ra.
- S - southern Ruahine Ra
- Ṡ - Manawatu Gorge part of S only



GYMNOSPERM TREES AND SHRUBS

<i>Dactyctenium daeydiioides</i>	(N C S)	<i>Fuchsia excorticata</i>	(N C S)
<i>Dactyctenium cupressinum</i>	(N C S)	<i>Griselinia littoralis</i>	(N C S)
<i>Halocarpus bidwillii</i>	(NC)	<i>G. lucida</i>	(N C S)
<i>H. biformis</i>	(N C S)	<i>Hedycarya arborea</i>	(N C S)
<i>H. bidwillii</i> X <i>H. biformis</i>	(NC)	<i>Hoheria angustifolia</i>	(S)
<i>Lagarostrobos colensoi</i> (subfossi)	(N)	<i>H. populnea</i> var. <i>lauceolata</i>	(N C S)
<i>Lepidothamnus laxifolius</i>	(NC)	<i>H. angustifolia</i> X <i>H. populnea</i>	(S)
<i>Libocedrus bidwillii</i>	(N C S)		
<i>Phyllocladus alpinus</i> ss.	(NC)		
<i>Podocarpus hallii</i>	(N C S)		
<i>P. nivalis</i>	(NC)		
<i>P. tetara</i> ss.	(N C S)	<i>Knightsia excelsa</i>	(N C S)
<i>P. hallii</i> X <i>P. nivalis</i>	(N C S)	<i>Laurelia novae-zelandiae</i>	(S)
<i>Prumnopitys ferruginea</i>	(N C S)	<i>Lophomyrtus bullata</i>	(S)
<i>P. taxifolia</i>	(N C S)	<i>L. obcordata</i>	(N C S)

(N)	<i>Macropiper excelsum</i> var. <i>excelsum</i>	(N C S)
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MONOCOT TREES AND SHRUBS

<i>Cordyline australis</i>	(N C S)	<i>Meliccytus lanceolatus</i> (incl. <i>M. c. var. latior</i>)	(C S)
<i>C. banksii</i>	(N C S)	<i>M. ramiflorus</i> ssp. <i>ramiflorus</i>	(N C S)
<i>C. indivisa</i>	(N C S)	<i>M. lanceolatus</i> X <i>M. ramiflorus</i> (Allan 1927)	
<i>C. australis</i> X <i>C. banksii</i>	(N C S)	<i>Metrosideros robusta</i>	(C S)
<i>C. banksii</i> X <i>C. indivisa</i>	(C)	<i>Mida salicifolia</i> (incl. <i>M. s. var. myrtifolia</i>)	(S)
<i>Rhopalostylis sapida</i>	(S)		

DICOT TREES

<i>Alectryon excelsus</i> var. <i>excelsus</i>	(N C S)	<i>Myoporum laetum</i> var. <i>laetum</i>	(N S)
<i>Aristotelia serrata</i>	(N C S)	<i>Myrsine australis</i>	(N C S)
<i>Beilschmiedia tawa</i>	(C S)	<i>M. salicina</i>	(C S)
<i>Carpodetus serratus</i>	(N C S)	<i>Nestegis cunninghamii</i>	(N C S)
<i>Corynocarpus laevigatus</i>	(S)	<i>N. lanceolata</i>	(N C S)
<i>Dodonaea viscosa</i> var.	(N S)	<i>N. montana</i>	(N C S)
<i>Elaeocarpus dentatus</i> (incl. <i>E. d. var. obovatus</i>)	(N C S)		
<i>E. hookerianus</i>	(N C S)		

<i>Nothofagus fusca</i>	(N C S)	<i>Syzygium maire</i>	(S)
<i>N. menziesii</i>	(C)		
<i>N. solandri</i> var. <i>cliffortioides</i>	(N C)		
<i>N. s.</i> var. <i>solandri</i>	(N C S)	<i>Weinmannia racemosa</i> var. <i>racemosa</i>	(N C S)
<i>N. fusca</i> X <i>N. solandri</i>	(N C)		
<i>N. solandri</i> var. <i>cliffortioides</i>		DICOT SHRUBS	
⇒ <i>N. s.</i> var. <i>solandri</i>	(N C)	<i>Alepis flavida</i>	(N C)
<i>Olea</i> <i>paniculata</i>	(S)	<i>Alseuosmia pusilla</i>	(N C S)
<i>O. tani</i> var. <i>colorata</i>	(N C S)	<i>Aristotelia fruticosa</i> var. <i>microphylla</i>	(N)
<i>Pennantia corymbosa</i>	(N C S)	<i>A. f.</i> var. <i>suberecta</i>	(N C S)
<i>Pittosporum eugenicoides</i>	(N C S)	<i>A. f.</i> var. <i>suberecta</i> X <i>A. serrata</i>	(N C)
<i>P. ralphii</i>	(N)	<i>Brachyglottis bidwillii</i> var. <i>bidwillii</i>	(N C)
<i>P. tenuifolium</i> ssp. <i>colensoi</i> (Aston 1914 & Elder 1965, as <i>P.</i> <i>colensoi</i>)	(C)	<i>B. kirkii</i> s.s.	(C S)
<i>P. t.</i> ssp. <i>tenuifolium</i>	(N C S)	<i>B. repanda</i> s.s.	(N C S)
<i>P. turneri</i>	(N)	<i>B. rotundifolia</i> var. (<i>B. elaeagnifolia</i>)	(N C S)
<i>Plagianthus regius</i> var. <i>regius</i>	(N C S)	<i>B. bidwillii</i> X <i>B. rotundifolia</i>	(C)
		<i>Carmichaelia arborea</i> var. (<i>C. odorata</i>)	(N C S)
<i>Pseudopanax arboreus</i> var. <i>arboreus</i>	(N C S)	<i>C. sp.</i> (subgenus <i>Carmichaelia</i>)	(N C S)
<i>P. colensoi</i> s.s.	(N C S)	<i>Cassinia leptophylla</i> var. <i>leptophylla</i>	(N)
<i>P. crassifolius</i>	(N C S)	<i>C. vauvilliersii</i>	(N C S)
<i>P. edgerleyi</i>	(N C S)		
<i>P. simplex</i> (incl. <i>P. s.</i> var. <i>sinclairii</i>)	(N C S)	<i>C. leptophylla</i> X <i>C. vauvilliersii</i>	(N)
<i>Schefflera digitata</i>	(N C S)		
<i>Sophora microphylla</i>	(N C S)		
<i>S. tetraptera</i>	(N C)		
<i>S. microphylla</i> X <i>S. tetraptera</i>	(N C)		
<i>Strabulus heterophyllus</i>	(N C S)		

<i>Coprosma acetosa</i> ssp.	(N C)	<i>C. sp. (ii)</i> (unnamed) (<i>C. parviflora</i> var. <i>dumosa</i> Allan 1961, non <i>C. p.</i>	
<i>C. areolata</i>	(N C S)	var. <i>dumosa</i> Cheeseman)	(N C S)
<i>C. cheesemanii</i> s.s.	(N C)	<i>C. sp. (iii)</i> (unnamed; aff. <i>C. cheese-</i>	
<i>C. colensoi</i> s.s.	(N C S)	manii) (lvs broader than in	
<i>C. crassifolia</i>	(N C S)	<i>C. cheesemanii</i>)	(N C S)
<i>C. depressa</i>	(N C S)	<i>C. propinqua</i> x <i>C. robusta</i>	(N C S)
<i>C. foetidissima</i>	(N C S)	<i>C. p.</i> x <i>C. tenuifolia</i>	(N C)
<i>C. grandifolia</i>	(N C S)	<i>C. robusta</i> x <i>C. rugosa</i>	(N C)
<i>C. linariifolia</i>	(N C)	<i>C. r.</i> x <i>C. tenuifolia</i>	(N C)
<i>C. lucida</i> s.s.	(N C S)	<i>C. rugosa</i> x <i>C. tenuifolia</i>	(C)
<i>C. microcarpa</i>	(N C)	<i>C. sp. (i)</i> x <i>C. sp. (iii)</i>	(C)
<i>C. perpusilla</i> ssp. <i>perpusilla</i>	(N C S)		
<i>C. petriei</i>	(N)		
<i>C. propinqua</i> ssp. <i>propinqua</i>	(N C S)		
<i>C. pseudocuneata</i> ssp. <i>pseudo-</i> <i>cuneata</i>	(N C S)		
<i>C. rhamnoides</i> (incl. <i>C. poly-</i> <i>morpha</i>)	(N C S)	<i>Cornaria arborea</i>	(N C S)
<i>C. rigida</i>	(N C S)	<i>C. kingiana</i>	(N C)
<i>C. robusta</i>	(N C S)	<i>C. plumosa</i>	(N C S)
<i>C. rotundifolia</i>	(N C S)	<i>C. pteridoides</i>	(N C S)
<i>C. rubra</i>	(N C S)	<i>C. arborea</i> x <i>C. kingiana</i>	(N C)
<i>C. rugosa</i> ssp. <i>rugosa</i>	(N C)	<i>C. a.</i> x <i>C. pteridoides</i>	(N C)
<i>C. tenuicaulis</i>	(S)	<i>C. kingiana</i> x <i>C. pteridoides</i>	(N)
<i>C. tenuifolia</i>	(N C S)		
<i>C. vitescens</i>	(N)		
<i>C. sp. (i)</i> (unnamed; included in <i>C. parviflora</i> by Oliver, 1935, and others) (If undersurface not min- utely hairy as is usual in <i>C.</i> <i>parviflora</i> ; drupes usually un- pigmented, occasionally purplish red)	(N C S)	<i>Cotokia cotoneaster</i> var. <i>cot-</i> <i>oneaster</i>	(N C)

*doubtfully distinct - appear to grade into one another.		5
<i>Cyathodes dealbata</i> (incl. <i>C. pumila</i>)	(N C)	<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i> (N C S)
<i>C. ampetrifolia</i>	(N C S)	<i>Hebe colensoi</i> (incl. <i>H. c. hillii</i>) (N)
<i>C. sp.</i> (<i>C. juniperina</i> agg.) (lvs small, vs. $\angle 1\text{cm} \times \angle 1\text{mm}$)	(N C S)	<i>H. macrocarpa</i> var. (<i>H. corriganii</i>) (N C)
* <i>Dracophyllum longifolium</i> var. (incl. <i>D. filifolium</i> and <i>D. oliveri</i>)	(N C)	<i>H. odora</i> s.s. (N C S)
* <i>D. l.</i> var. <i>septentrionale</i>	(S)	<i>H. stricta</i> var. <i>stricta</i> (N C S)
<i>D. recurvum</i>	(N C S)	<i>H. subalpina</i> var. (<i>H. truncatula</i>) (N C S)
<i>D. strictum</i>	(S)	<i>H. tetragona</i> var. <i>tetragona</i> (N)
<i>D. subulatum</i>	(N C)	<i>H. t.</i> var. (<i>H. subsimilis</i>) (C)
<i>D. longifolium</i> x <i>D. recurvum</i>	(N C S)	<i>H. t.</i> var. <i>tetragona</i> \approx var. (<i>H. subsimilis</i>) (C)
<i>D. l.</i> x <i>D. subulatum</i>	(N C)	<i>H. venustula</i> (incl. <i>H. brachysiphon</i>) (N C)
<i>Epactis alpina</i>	(N C)	<i>H. sp. (i)</i> (<i>Veronica arborea</i>) (N C)
<i>Fuchsia excorticata</i> x <i>F. scandens</i>	(N S)	<i>H. sp. (ii)</i> (<i>Veronica squalida</i>) (N C S)
<i>Gaulltheria antipoda</i>	(N C S)	<i>H. sp. (iii)</i> (unnamed; included in <i>H. stricta</i> , as var. <i>egmontiana</i> , by Meore 1961) (N C)
<i>G. colensoi</i>	(N C)	<i>H. odora</i> x <i>H. tetragona</i> (N C)
<i>G. rupestris</i> (incl. <i>G. subcorym.</i> ^{bosa})	(N C S)	<i>H. truncatula</i> x <i>H. sp.</i> (<i>H. stricta</i> or <i>H. sp. c</i>) (N C)
<i>G. macrostigma</i>	(N)	<i>Helichysum aggregatum</i> var. agg. (N C S)
<i>G. rubicola</i>	(C)	<i>Ileostylus micranthus</i> (S)
<i>G. sp.</i> (unnamed; included in <i>G. depressa</i> , as var. <i>novae-zelandiae</i> , by Franklin 1962)	(N C S)	<i>Kerriaella lindsayi</i> s.s. (S)
<i>G. antipoda</i> x <i>G. rupestris</i>	(C S)	<i>Kunzea ericoides</i> agg. (N C S)
<i>G. a.</i> x <i>G. sp.</i> (unnamed)	(N)	<i>Leptospermum scoparium</i> (N C S)
<i>G. colensoi</i> x <i>G. rupestris</i>	(C)	<i>Leucopogon fasciculatus</i> var. (juv. lvs not much broader than adult lvs) (N C S)
<i>G. c.</i> x <i>G. sp.</i> (unnamed)	(N C)	<i>L. fraseri</i> s.s. (N C)
<i>G. macrostigma</i> x <i>G. sp.</i> (unnamed)	(N)	<i>L. suaveolens</i> (incl. <i>Cyathodes colensoi</i>) (N C)
<i>G. rupestris</i> x <i>G. sp.</i> (unnamed)	(N C S)	<i>Melicope simplex</i> (N C S)
		<i>Melicytus alpinus</i> s.s. (N C S)
		<i>M. micranthus</i> (incl. <i>M. m.</i> var. <i>microphylla</i>) (N C)
		<i>M. m.</i> x <i>M. tamiflorus</i> (N)

		<i>Pseudopanax anomalus</i>	(N C S)
<i>Myrsine divaricata</i> s.s.	(N C S)		
<i>M. nummularia</i>	(N C S)	<i>Pseudowintera axillaris</i>	(C S)
<i>M. divaricata</i> X <i>M. australis</i> (<i>M. montana</i> -type loc. Rualihie Rd) ^(C)	(C)	<i>P. colorata</i>	(N C S)
<i>Neomyrtus pedunculata</i>	(N C S)	<i>Rhabdothamnus solandri</i>	(S)
<i>Olea arborescens</i>	(N C S)		
<i>O. colensoi</i> var. <i>colensoi</i>	(N C S)		
<i>O. furfuracea</i> var.	(N C S)		
<i>O. ilicifolia</i>	(N C S)		
<i>O. nummularifolia</i> var. <i>nummularifolia</i>	(N C)	<i>Solanum aviculare</i> var. <i>aviculare</i>	(N C S)
<i>O. solandri</i>	(S)		
<i>C. virgata</i> var. <i>virgata</i> (incl. <i>O.</i> <i>v. var. ramuliflora</i>)	(C S)	<i>Tectidium parvifolium</i> (incl. <i>T. p. var. luxurians</i>)	(N S)
<i>O. v. var.</i> (lvs smaller than in var. <i>virgata</i>)	(N)	<i>Tupeia antarctica</i>	(N C)
<i>O. arborescens</i> X <i>O. ilicifolia</i> (incl. <i>O. macrodonata</i>)	(N C S)	<i>Urtica ferox</i>	(N C S)
<i>Pentachondria pumila</i>	(N C S)	<u>MONOCOT LIANES</u>	
<i>Petaxilla tetrapetala</i>	(N C S)	<i>Freyinetia bauetiana</i> ssp. <i>banksii</i>	(S)
		<i>Ripogonum scandens</i>	(N C S)
<i>Pimelea buxifolia</i>	(N C S)		
<i>P. longifolia</i> var.	(N)	<u>DICOT LIANES AND RELATED PLANTS</u>	
<i>P. prostrata</i>	(N C)	<i>Calystegia tuguriorum</i>	(N C S)
<i>P. suteri</i> var. (<i>P. oreophila</i>)	(N C)	<i>Clematis foetida</i>	(N C S)
		<i>C. forsteri</i>	(N C S)
<i>Pittosporum cornifolium</i>	(C S)	<i>C. paniculata</i>	(N C S)
<i>P. rigidum</i> var. <i>rigidum</i>	(N C S)	<i>C. quadribracteolata</i>	(N)
		<i>Fuchsia scandens</i>	(S)
<i>Pomadouris ericifolia</i>	(N)	<i>Metrosideros colensoi</i> (incl. <i>M. c.</i> <i>var. pendens</i>)	(N C S)

<i>M. diffusa</i>	(N C S)	<i>Lycopodium australianum</i>	(N C)
<i>M. fulgens</i>	(S)	<i>L. fastigiatum</i>	(N C S)
<i>M. perforata</i>	(N C S)	<i>L. laterale</i> (incl. <i>L. ramulosum</i> ?)	(N)
<i>Muehlenbeckia australis</i>	(N C S)	<i>L. scariosum</i>	(N C S)
<i>M. axillaris</i>	(N C)	<i>L. varium</i> (incl. <i>L. billardierei</i>	
<i>M. complexa</i>	(N)	and <i>L. novae-zelandicum</i>)	(N C S)
<i>M. ephedroides</i>	(N)	<i>L. volubile</i>	(N C S)
<i>M. australis</i> x <i>M. axillaris</i>	(N)		
<i>M. a.</i> x <i>M. complexa</i>	(N)		
<i>M. axillaris</i> x <i>M. complexa</i>	(N)		
<i>M. a.</i> x <i>M. ephedroides</i>	(N)		

FERNS

<i>Parsonsia capsularis</i> var.	(N C S)	<i>Adiantum cunninghamii</i>	(N C S)
<i>P. heterophylla</i>	(N C S)	<i>A. diaphanum</i>	(S)
<i>P. capsularis</i> x <i>P. heterophylla</i>	(C S)	<i>A. formosum</i>	(S)
<i>Passiflora tetrandra</i>	(N C S)	<i>A. fulvum</i>	(S)
<i>Rubus australis</i>	(C S)	<i>Anarthropteris lanceolata</i>	(N S)
<i>R. cissoides</i> var. <i>cissoides</i>	(C S)	<i>Anarthropteris tenella</i>	(S)
<i>R. c.</i> var. (leaflets narrower than in var. <i>cissoides</i>)	(N)	<i>Asplenium bulbiferum</i>	(C S)
<i>R. c.</i> var. <i>cissoides</i> → var.	(N)	<i>A. flabellifolium</i> agg.	(N C S)
<i>R. schmidelioides</i> var. <i>schmidelioides</i>	(N C S)	<i>A. flaccidum</i>	(N C S)
<i>R. squarrosus</i>	(N S)	<i>A. gracillimum</i>	(N C S)
<i>R. australis</i> x <i>R. schmidelioides</i>	(S)	<i>A. hookerianum</i>	(N C S)
<i>R. cissoides</i> x <i>R. schmidelioides</i>	(S)	<i>A. lyallii</i>	(N C)
<i>R. schmidelioides</i> x <i>R. squarrosus</i>	(S)	<i>A. oblongifolium</i>	(N C S)
		<i>A. polyodon</i>	(N C S)
		<i>A. terrestre</i> ssp. <i>terrestre</i>	(N C)
		<i>A. sp.</i> (<i>A. tichomanes</i> agg.)	(N)
		<i>A. bulbiferum</i> x <i>A. flaccidum</i>	(S)
		<i>A. b.</i> x <i>A. gracillimum</i> (Brownsey p.c.)	(S)
		<i>A. b.</i> x <i>A. hookerianum</i>	(S)
		<i>A. flaccidum</i> x <i>A. hookerianum</i>	(S)
		<i>A. f.</i> x <i>A. terrestre</i> (Brownsey 1977)	(C)
		<i>A. gracillimum</i> x <i>A. hookerianum</i>	(N)

PSILOPSIDS AND LYCOPODS

<i>Tmesipteris elongata</i> (incl. <i>T. e.</i> ssp. <i>robusta</i>)	(* C S)		
<i>T. tannensis</i>	(* C S)		

**Tmesipteris* sp. present in N

<i>Azolla filiculoides</i>	(N C S)	<i>Cystopteris tasmanica</i>	(N)
<i>Blechnum chambersii</i>	(N C S)	<i>Dicksonia fibrosa</i>	(N C S)
<i>B. colensoi</i>	(N C S)	<i>D. lanata</i> s.s.	(N C)
<i>B. discolor</i>	(N C S)	<i>D. squarrosa</i>	(N C S)
<i>B. filiforme</i>	(S)		
<i>B. fluviatile</i> agg.	(N C S)	<i>Gleichenia dicarpa</i>	(N C)
<i>B. membranaceum</i>	(N S)		
<i>B. minus</i>	(N C S)	<i>Grammitis billardierei</i>	(N C S)
<i>B. nigrum</i>	(S)		
<i>B. pennamarina</i>	(N C S)	<i>G. ciliata</i>	(C S)
<i>B. procerum</i>	(N C S)	<i>G. givenii</i>	(C)
<i>B. vulcanicum</i>	(N C S)	<i>G. magellanica</i> ssp. <i>nothofagetii</i>	(N C S)
<i>B. sp. (i)</i> (unnamed) (common lowland sp.; lower pinnae reduced in length)	(N C S)	<i>G. patagonica</i>	(N C)
<i>B. sp. (ii)</i> (unnamed) (cliff sp.; lower pinnae not reduced) ("The Green Bay Species" of Crookes 1963)	(N C S)	<i>G. poeppigiana</i>	(N C S)
<i>B. sp. (iii)</i> (unnamed) (mountain sp.; lower pinnae not reduced) ("The Dunedin-Cass Variety" of Crookes 1963)	(N C)	<i>G. patagonica</i> X <i>G. poeppigiana</i>	(N)
<i>B. chambersii</i> X <i>B. membranaceum</i>	(N S)	<i>Histiopteris incisa</i>	(N C S)
<i>B. procerum</i> X <i>B. sp. (i)</i>	(C)	<i>Hymenophyllum armstrongii</i>	(S)
<i>Betrichium australe</i>	(N)	<i>H. bivalve</i>	(N C S)
<i>B. bifforme</i>	(N C)	<i>H. cupressiforme</i>	(N)
	(N C S)	<i>H. demissum</i>	(N C S)
		<i>H. dilatatum</i>	(N C S)
<i>Choilanthus distans</i>	(N)	<i>H. ferrugineum</i>	(C S)
<i>C. humilis</i>	(N)	<i>H. flabellatum</i>	(N C S)
<i>Ctenopteris heterophylla</i>	(N C S)	<i>H. flavosum</i>	(S)
<i>Cyathaea colensoi</i>	(N C S)	<i>H. malingii</i>	(N C S)
<i>C. cunninghamii</i>	(S)	<i>H. multifidum</i>	(N C S)
<i>C. dealbata</i>	(N C S)	<i>H. peltatum</i>	(N C S)
<i>C. medullaris</i>	(N C S)	<i>H. pulcherrimum</i>	(N C S)
<i>C. smithii</i>	(N C S)	<i>H. ratum</i>	(N C S)
		<i>H. revolutum</i>	(N C S)
		<i>H. rufescens</i>	(N C S)

<i>Pterostylis banksii</i>	(N C S)	<i>Anemantele lessoniana</i>	(N) 10
<i>P. foliata</i>	(N)	<i>Chionocheila cheesemani</i>	(S)
<i>P. furcata</i>	(N)	<i>C. conspicua</i> ssp. <i>cunning-</i>	
<i>P. graminea</i>	(C)	<i>hamii</i>	(N C S)
<i>P. humilis</i>	(N)	<i>C. flavicans</i>	(N)
<i>P. irsoniana</i>	(C)	<i>C. pallens</i> ssp. <i>pallens</i>	(N C S)
<i>P. sp. (unnamed; aff. P. montana)</i>	(S)		
<i>P. patens</i>	(N C S)	<i>C. tubra</i> ssp. <i>tubra</i>	(N C S)
<i>P. tristis</i>	(N)	<i>C. conspicua</i> X <i>C. pallens</i>	(C)
<i>P. venosa</i>	(N C S)	<i>C. c.</i> X <i>C. tubra</i>	(N S)
<i>Spiranthes novae-zealandiae</i>	(N)	<i>C. pallens</i> X <i>C. tubra</i>	(N C S)
<i>Thelymitra cyanea</i>	(N)		
<i>T. decora</i>	(N C)		
<i>T. hatchii</i>	(N)		
<i>T. longifolia</i>	(N C S)	<i>Cortaderia fulvida</i>	(N C S)
		<i>C. tetoe</i>	(S)
		<i>Deschampsia caespitosa</i>	
		var. <i>macrantha</i>	(N)
		<i>D. novae-zealandiae</i>	(N C)
		<i>D. tenella</i>	(N C S)
		<i>Deyouxià aucklandica</i>	(N C S)
		<i>D. avenoides</i> (incl. <i>D. a.</i> var. <i>brachyantha</i>)	(N C)
		<i>D. sp.</i> (<i>D. quadriseta</i> agg.) (lvs narrow)	(N)
		<i>Dichelachne ciliata</i>	(N C S)
		<i>Echinopogon ovatus</i>	(N C S)
		<i>Elymus laevis</i>	(N)
		<i>E. multiflorus</i>	(N C)
		<i>E. harduroides</i>	(N)
		<i>E. tenuis</i>	(N C)
		<i>E. sp.</i> (aff. <i>E. rectisetus</i>) (Group Waiouru of Löve & Connor, 1982)	(N C S)
		<i>E. laevis</i> X <i>E. harduroides</i> (?)	(N)
		<i>E. multiflorus</i> X <i>E. sp.</i> (aff. <i>E. rect.</i>)	(N C)
		<i>Festuca multinodis</i>	(N S)

GRASSES

<i>Agrostis dyeri</i> s.s.	(N C)		
<i>A. muelleriana</i>	(C)		
<i>A. muscosa</i>	(N C)		
<i>A. otesbia</i>	(C)		
<i>A. pallescens</i>	(C)		
<i>A. personata</i>	(N C S)		
<i>A. sp.</i> (<i>A. imbecilla</i> ?)	(N)		

<i>F. novae-zelandiae</i>	(NC)		
<i>F. sp.</i> (unnamed; aff. <i>F. tubra</i>)	(C)		
<i>Hierachloe cuprea</i>	(C)	<i>P. matthewsii</i>	(N)
<i>H. recurvata</i>	(NCS)		
<i>H. todolens</i>	(NCS)	<i>P. pusilla</i>	(N S)
<i>Koeleria cheesemanii</i>	(C)	<i>P. sp.</i> (unnamed; aff. <i>P. novae-zelandiae</i>) (lvs narrow)	(NC)
<i>Lachnagrostis striata</i>	(N S)	<i>P. breviglumis</i> X <i>P. colensoi</i>	(C)
<i>L. sp.</i> (i) (unnamed; included in <i>L. filiformis</i> , as var. <i>semiglabra</i> , by Zotov 1965)	(NCS)	<i>Rytidosperma australe</i>	(NC)
<i>L. sp.</i> (ii) (unnamed) (tall slender plants with narrow lvs)	(N)	<i>R. bochananii</i>	(NCS)
<i>L. striata</i> X <i>L. sp.</i> (i) (?)	(N)	<i>R. clavatum</i>	(NCS)
<i>Microlaena avenacea</i>	(NCS)	<i>R. gracile</i>	(NCS)
<i>M. colensoi</i>	(C)	<i>R. merum</i>	(NC)
<i>M. polynoda</i>	(NCS)	<i>R. nudum</i>	(C)
<i>M. stipoides</i>	(NCS)	<i>R. pulchrum</i>	(C)
		<i>R. setifolium</i>	(NCS)
		<i>R. unarede</i>	(NCS)
		<i>R. viride</i>	(NC)
		<i>Trisetum youngii</i>	(C)
		<i>T. sp.</i> (i) (unnamed; aff. <i>T. antarcticum</i>) (lf sheath densely hairy; lf blade up to 5mm wide, margins with hairs)	(NCS)
		<i>T. sp.</i> (ii) (unnamed; aff. <i>T. antarcticum</i>) (plants robust; lf sheath glabrous at least in upper part; lf blade up to 7mm wide, margins scabrid)	(NC)
<i>Oplismenus imbecillus</i>	(S)	<i>T. sp.</i> (iii) (unnamed) (plants slender; lf sheath glabrous, or nearly so)	(NC)
<i>Poa anceps</i> ssp. <i>anceps</i>	(NCS)	<i>T. sp.</i> (iv) (unnamed; aff. <i>T. antarcticum</i>) (lf sheath glabrous; lf blade up to 3mm wide, margins minutely scabrid)	(S)
<i>P. breviglumis</i>	(NCS)		
<i>P. cita</i> ssp.	(N)	<i>T. sp.</i> (v) (<i>T. antarcticum</i> var. <i>lasiorhachis</i> ?)	(N)
<i>P. colensoi</i>	(NC)		
<i>P. imbecilla</i>	(NC)	<i>Zoysia minima</i>	(N)
<i>P. kirkii</i>	(C)		
<i>P. lindsayi</i>	(C)		

SEDGES

<i>Baumea rubiginosa</i>	(N)	<i>C.sp(ii)</i> (unnamed)(Section Acutae)	(N c s)
		<i>C.echinata</i> X <i>C.secta</i>	(N)
<i>Carex acicularis</i>	(N c)	<i>C.rubicunda</i> X <i>C.tahoeata</i>	(N)
<i>C.astonii</i>	(N)	<i>Carpha alpina</i> s.s.	(N c s)
<i>C.breviculmis</i>	(N c)	<i>Cyperus ustulatus</i>	(s)
<i>C.buchananii</i>	(N)	<i>Eleocharis acuta</i>	(N c s)
<i>C.coleusei</i>	(N)	<i>E.gracilis</i>	(N c)
<i>C.cemans</i>	(N)	<i>Gahnia pauciflora</i>	(N c s)
<i>C.coriacea</i>	(N)	<i>G.precera</i>	(c s)
<i>C.dipsacea</i> var. <i>dypsacea</i>	(N c s)	<i>G.setifolia</i>	(N c s)
<i>C.d. var. (C.tahoeata)</i>	(N)	<i>Isolapis aucklandica</i>	(c)
<i>C.dissita</i> s.s.	(N c s)	<i>I.crassiuscula</i>	(N c)
<i>C.druceana</i> s.s.	(c)	<i>I.distigmatica</i>	(N)
<i>C.echinata</i> var. (<i>C.stellulata</i> var. <i>australis</i>)	(N c)	<i>I.fluitans</i>	(N)
<i>C.flagellifera</i>	(N c s)	<i>I.hatira</i>	(N c s)
<i>C.fosteri</i>	(N c s)	<i>I.nodosa</i>	(s)
<i>C.gaudichaudiana</i>	(N c)	<i>I.pottsii</i>	(N c s)
<i>C.geminata</i> s.s.	(N c s)	<i>I.prolifera</i>	(s)
<i>C.inversa</i>	(N c s)	<i>I.reticulata</i>	(s)
<i>C.lambertiana</i>	(s)	<i>I.subtilissima</i>	(N)
<i>C.lessoniana</i>	(c s)	<i>Lepidosperma australe</i>	(N c)
<i>C.mactica</i>	(N c s)	<i>Machaetina sinclairii</i>	(N c s)
<i>C.pyrenaica</i> var. <i>cephalotes</i>	(c)	<i>Morelotia affinis</i>	(c)
<i>C.raoulii</i>	(N)	<i>Oreobolus pectinatus</i>	(N c s)
<i>C.rubicunda</i>	(N)	<i>Scheenus apogen</i> (incl. <i>S.a.</i>	
<i>C.secta</i> s.s.	(N c s)	var. <i>caespitosus</i>)	(N)
<i>C.sinclairii</i>	(N c)	<i>S.fluitans</i>	(N)
<i>C.solandri</i>	(N c s)	<i>S.maschalinus</i>	(N)
<i>C.spirirostris</i>	(N s)	<i>S.pauciflorus</i> s.s.	(N s)
		<i>S.sp.</i> (unnamed; aff. <i>S.pauciflorus</i>)	(c)
<i>C.testacea</i> s.s.	(N c s)		
<i>C.virgata</i>	(N c s)		
<i>C.sp(i)</i> (unnamed; aff. <i>C.geminata</i>) (much larger than <i>C.geminata</i> ; lvs up to 2.5cm wide)	(c s)		

RUSHES

<i>Uncinia astonii</i>	(c s)	<i>Centrolepis ciliata</i>	(N c s)
<i>U. banksii</i>	(N c s)	<i>C. pallida</i>	(N c)
<i>U. caespitosa</i>	(N c s)	<i>Empodisma minus</i>	(N c s)
<i>U. clavata</i>	(N c s)	<i>Juncus antarcticus</i>	(N c s)
<i>U. distans</i>	(N)	<i>J. australis</i>	(N c s)
<i>U. divaricata</i>	(N c)	<i>J. distegus</i>	(N c)
<i>U. drucei</i>	(c)	<i>J. gregiflorus</i>	(N c s)
<i>U. egyptiana</i>	(N c)	<i>J. novae-zelandiae</i>	(N c s)
<i>U. ferruginea</i>	(N c s)	<i>J. pallidus</i>	(N c s)
<i>U. filiformis</i>	(N c s)	<i>J. planifolius</i>	(N c s)
<i>U. fuscovaginata</i> var. <i>fuscovaginata</i>	(N c s)	<i>J. pusillus</i>	(N s)
<i>U. gracilentata</i>	(c s)	<i>J. sarophorus</i>	(c s)
<i>U. involuta</i> (Edgar 1970)	(c)	<i>J. australis</i> x <i>J. gregiflorus</i>	(s)
<i>U. laxiflora</i>	(N c s)		
<i>U. leptostachya</i>	(N)	<i>Luzula colensoi</i>	(c)
<i>U. longifructus</i>	(N c)	<i>L. decipiens</i>	(N)
<i>U. rubra</i>	(N c)	<i>L. leptophylla</i>	(N c)
<i>U. rupestris</i> (incl. <i>U. angustifolia</i>)	(N c s)	<i>L. migrata</i>	(N c s)
<i>U. scabra</i>	(N c s)	<i>L. picta</i> s.s.	(N c s)
<i>U. silvestris</i> (incl. <i>U. affinis</i>)	(N c s)	<i>L. subclavata</i>	(N c s)
<i>U. uncinata</i>	(N c s)	<i>L. sp. (i)</i> (unnamed; included in	
<i>U. viridis</i>	(N c)	<i>L. picta</i> , as var. <i>limosa</i> , by	
<i>U. zotovii</i>	(N c s)	Edgar 1966)	(N c s)
<i>U. sp. (i)</i> (unnamed; aff. <i>U. nervosa</i>) (more slender than <i>U. nervosa</i> ; see Edgar 1970, p. 231)	(N c s)	<i>L. sp. (ii)</i> (unnamed; included in	
<i>U. sp. (ii)</i> (unnamed) (<i>U. affinis</i> Hamblin, 1959, non <i>U. riparia</i> var. <i>affinis</i> Col. ex Clarke; see Nooteboom 1978)	(N c s)	<i>L. cernita</i> , as var. <i>petricana</i> , by Edgar 1966)	(c)
<i>U. fuscovaginata</i> x <i>U. rubra</i>	(N c)	<i>L. colensoi</i> x <i>L. migrata</i>	(c)
<i>U. f.</i> x <i>U. sp. (ii)</i>	(s)	<i>L. migrata</i> x <i>L. picta</i>	(s)
		<i>L. picta</i> x <i>L. subclavata</i>	(s)
		<i>L. subclavata</i> x <i>L. sp. (i)</i>	(N)

COMPOSITE HERBS

MONOCOT HERBS (OTHER THAN ORCHIDS)

GRASSES, SEDGES, RUSHES

- Anthropodium candidum* (N C S)
- Astelia fragrans* (N C S)
- A. linearis* var. *novae-zelandiae* (N C S)
- A. solandri* (N C S)
- A. sp.* (unnamed; aff. *A. nervosa*) (lvs not conspicuously white axially as in *A. nervosa*) (N C S)
- Bulbinella gibbsii* var. *balanifera* (C)
- B. hookeri* (N)
- Collospermum hastatum* (S)
- C. microspermum* (N C S)
- Dianella nigra* (N C S)
- Herpolimon novae-zelandiae* (N C)
- Leinna sp.* (*L. minor* auct.) (C S)
- Libertia grandiflora* (N C S)
- L. ixicides* (N C S)
- L. pulchella* (N C S)
- Luzuriaga parviflora* (N C S)
- Phormium cockianum* (N C S)
- P. tenax* (S)
- Potamogeton cheesemanii* (C S)
- P. suboblongus* (N C)
- Sparganium subglobosum* (N)
- Triglochin striata* (N)
- Typha orientalis* (N C S)

- Abrotanella caespitosa* (N C S)
- A. pusilla* (C)
- Anaphalis keriensis* s.s. (N C S)
- A. subrigida* (N C S)
- A. sp.* (i) (unnamed; aff. *A. keriensis*) (lvs shorter, and capitula smaller, than in *A. keriensis*) (N)
- A. sp.* (ii) (*Helichrysum bellidioides* s.s.) (N C S)
- A. sp.* (iii) (unnamed; aff. *Helichrysum bellidioides*) ("*H. alpinum*" of Codrington 1928) (N C S)
- A. keriensis* X *A. subrigida* (N C)
- A. k.* X *A. sp.* (ii) (C)
- Brachyglottis lagopus* var. *lagopus* (N C)
- Brachyscome radicata* (N C S)
- Celmisia glandulosa* ssp. *glandulosa* (incl. *C. g.* var. *latifolia*) (N C)
- C. gracilentata* ssp. (large) (N C)
- C. g.* ssp. (small, in alpine herbfield) (C S)
- C. incana* (incl. *C. discolor*) (N C S)
- C. spectabilis* ssp. *spectabilis* (N C)
- C. sp.* (unnamed; aff. *C. gracilentata*) (plants strongly rhizomatous) (N C)
- C. glandulosa* X *C. incana* (C)
- C. gracilentata* X *C. incana* (S)
- C. g.* X *C. spectabilis* (C)
- C. incana* X *C. spectabilis* (C)
- C. i.* X *Oleatia arborescens* (C)
- Cotula coronopifolia* (S)
- Craspedia minor* var. *minor* (incl. *C. major*) (N C S)
- C. viscosa* (N C)

- C. sp. (i)* (unnamed) (plants summer-green; lvs small, green; both surfaces densely clad in multicellular, non-glandular hairs, with or without cottony tips, over short glandular hairs; margins \pm white with cottony hairs; capitula small, 0.8-1.5 cm diam.; fls white) (N)
- C. sp. ii* (unnamed) (plants summer-green; lvs green, or greenish white; both surfaces densely clad in multicellular, non-glandular hairs, with cottony tips; margins white with cottony hairs; capitula large, 1.8-2.5 cm diam.; fls white) (N C)
- Gnaphalium auctax* (N C S)
- G. delicatum* (N C)
- G. gymnocephalum* (N C S)
- G. involucreatum* (N C S)
- G. limosum* s.s. (N C S)
- G. mackayi* s.s. (N C S)
- G. paludosum* s.s. (N C)
- G. polylepis* (N)
- G. tuahinicum* (N C S)
- G. sphaerium* (N C S)
- G. traversii* (N C)
- G. sp.* (unnamed; aff. *G. paludosum*) (lvs linear, green on upper surface) (N)
- Helichrysum filicaule* (N C S)
- Lagenifera cuneata* (N C)
- L. petiolata* (N)
- L. pinnatifida* (N)
- L. pumila* (N C S)
- L. strangulata* (N C)
- Leptinella dispersa* ssp. *dispersa* (Lloyd 1972) (N)
- L. squalida* s.s. (N C S)
- L. sp.* (aff. *L. squalida*) (C)
- Leucogenes leontopodium* s.s. (C)
- Microseris scapigera* (N C)
- Pseudognaphalium sp. (i)* (unnamed; aff. *P. luteoalbum*) (lvs mostly oblong-spathulate to narrow oblong, rounded) (N)
- P. sp. (ii)* (unnamed; aff. *P. luteoalbum*) (lvs mostly linear-spathulate to linear, acute) (N C S)
- Raoulia albosericea* (N)
- R. glabra* (N C S)
- R. grandiflora* var. *grandiflora* (C)
- R. tenuicaulis* (incl. *R. t.* var. *dimorpha* and *R. t.* var. *pusilla*) (N C S)
- R. sp. (i)* (unnamed; aff. *R. australis*) (N)
- R. sp. (ii)* (unnamed) (lvs small, grey; inner phylls. dark tipped) (N)
- Senecio banksii* var. (lvs sparsely hairy to almost glabrous) (N)
- S. glaucophyllus* ssp. *toa* (N)
- S. glomeratus* (N C S)
- S. hispidulus* (N C S)
- S. minimus* (N C S)
- S. quadridentatus* (N C S)

- S. rufiglandulosus* var. *rufiglandulosus* (N C S)
- S. waitauensis* (N C)
- S. sp.* (unnamed; included in *S. glaucophyllus*, as *ssp. discoideus*, by O'Rourke (1960) (C)
- Taraxacum magellanicum* (NC)
- Vittadinia australis* (N)

- Australina pusilla* (N C S)
- Callitriche muelleri* (C S)
- C. petriei* ssp. *petriei* (S)

- **Cardamine sp. (i)* (*C. debilis* agg.) ("Narrow Petal" of Pritchard 1957) (N C S)
- C. sp. (ii)* (*C. debilis* agg.) ("Long Style" of Pritchard 1957) (N C S)
- C. sp. (iii)* (*C. debilis* agg.) ("Glossy Leaf" of Pritchard 1957) (N S)
- C. sp. (iv)* (*C. debilis* agg.) (fls apetalous) (= *C. sp. iii?*) (S)
- C. sp. (v)* (*C. debilis* agg.) ("Scree Race" of Pritchard 1957) (C)
- C. sp. (vi)* (*C. debilis* agg.) ("Tussock Race" of Pritchard 1957) (C)
- C. sp. (vii)* (*C. debilis* agg.) (*C. debilis* var. *b* of Allan 1961) (N)
- C. sp. (viii)* (aff. *C. corymbosa*) (N S)

DICOT HERBS (OTHER THAN COMPOSITES)

- Acaena anserinifolia* (N C S)
- A. amittans* (N)
- A. inermis* (N)
- A. juvenca* (N C)
- A. microphylla* var. *microphylla* (N)
- A. profunde incisa* (N C)
- A. torida* (N)
- Aciphylla colensoi* var. *colensoi* (N C S)
- A. sp. (i)* (unnamed; aff. *A. squarrosa*) (N C)
- A. sp. (ii)* (unnamed; included in *A. squarrosa*, as var. *flaccida*, by Kirk 1899) (C)
- Anisotome aromatica* (N C S)

- Centella uniflora* (NC)
- Colobanthus acicularis* (C)
- C. affinis* (C)
- C. apetalus* (incl. *C. a.* var. *alpinus*) (N C)
- C. strictus* (NC)
- C. sp.* (unnamed; aff. *C. buchananii*) (discussed by Moore 1961, p. 212) (C)
- Crassula siebetiana* (N S)

*There may be another sp. present besides the 8 listed.

<i>Dichondra repens</i> agg.	(NCS)	<i>E. narteroides</i>	(NCS)
<i>D. sp.</i> (cf. <i>D. brevifolia</i>) (lvs small; fls c. 4mm diam.; corolla lobes oblong, much > sepals)	(NC)	<i>E. nummulatifolium</i>	(NCS)
		<i>E. pallidiflorum</i>	(NS)
		<i>E. pedunculare</i> ss.	(N)
<i>Drosera arcturi</i>	(NCS)	<i>E. pernitens</i>	(NCS)
<i>D. binata</i>	(NS)	<i>E. pubens</i>	(NCS)
<i>D. peltata</i> ssp. <i>auriculata</i>	(NCS)	<i>E. pycnostachyum</i>	(NC)
<i>D. pygmaea</i>	(N)	<i>E. rotundifolium</i>	(NCS)
<i>D. spatulata</i>	(NC)	<i>E. tenuipes</i> s.s.	(NC)
<i>D. stenopetala</i>	(NC)	<i>E. sp.</i> (unnamed; included in	
<i>Elatostema rugosum</i>	(S)	<i>E. brunnescens</i> , as ssp.	
<i>Epilobium alsinoides</i> ss.	(NCS)	<i>minutiflorum</i> , by Raven and	
<i>E. astenii</i>	(N)	Engelhorn 1971)	(NCS)
<i>E. atriplicifolium</i> s.s.	(NC)		
<i>E. billardiereanum</i>	(S)		
<i>E. brunnescens</i> ss.	(NCS)		
<i>E. chionanthum</i>	(N)	<i>Euphrasia cuneata</i>	(NCS)
<i>E. chlorifolium</i>	(NCS)	<i>E. disperma</i> ss.	(N)
<i>E. cinereum</i>	(NCS)	<i>E. revoluta</i>	(NC)
<i>E. cockayneanum</i>	(NCS)	<i>E. zelandica</i> agg.	(NC)
<i>E. glabellum</i> s.s.	(NCS)	<i>Forstera tenella</i>	(NCS)
<i>E. gracilipes</i>	(N)	<i>Galium perpusillum</i>	(NC)
<i>E. hectorii</i> s.s.	(N)	<i>G. propinquum</i>	(NC)
<i>E. hirtigerum</i> (Raven & Raven, 1976)	(NS)	<i>G. trilobum</i>	(NCS)
<i>E. insulare</i>	(NCS)	<i>G. sp.</i> (unnamed; aff. <i>G. per-</i>	
<i>E. komarovianum</i>	(NC)	<i>pusilla</i>) (lvs wider than stip-	
<i>E. linnaeoides</i>	(NCS)	ules, narrowly lanceolate; apex	
<i>E. maetopus</i>	(C)	rounded to subacute, bristles	
<i>E. melanocaulon</i>	(NC)	0-2)	(N)
<i>E. microphyllum</i>	(NCS)		

<i>Gentiana ballidifolia</i> var. <i>ball.</i> (N C)	<i>Haloragis erecta</i> ssp.	
<i>G. grisebachii</i> (N C)	<i>erecta</i>	(N C S)
<i>G. matthewsii</i> (C S)		
<i>G. montana</i> (incl. ^{<i>G. m. var. stolonifera,</i>} <i>G. patula</i> and <i>G. ballidifolia</i> var. <i>pulchella</i>) (N C)	<i>Hydrocotyle dissecta</i>	(N C S)
<i>G. sp.</i> (unnamed; aff. <i>G. spenceri</i>) (discussed by Allan 1961, p. 769) (N C)	<i>H. elongata</i>	(N C S)
	<i>H. heteromeria</i>	(N C S)
	<i>H. hydrophila</i>	(N S)
	<i>H. microphylla</i>	(N C)
	<i>H. moschata</i>	(N C S)
<i>G. matthewsii</i> X <i>G. montana</i> (C)	<i>H. novae-zeelandiae</i> ssp.	(N C S)
<i>Geranium</i> (^{sp. (unnamed; aff. <i>G. microphyllum</i>)} (N C S)	<i>H. pterocarp</i>	(N C)
<i>G. potentilloides</i> var. <i>potentilloides</i> (N C)	<i>H. sp.</i> (unnamed; included in <i>H. n. z.</i> as var. <i>montana</i> , by Kirk (1899) ssp. (C)	
<i>G. sessiliflorum</i> var. <i>sessiliflorum</i> (N C)	<i>Hypericum japonicum</i> agg.	(N C)
<i>G. sp.</i> (Aston 1915, as <i>G. dissectum</i> var. <i>australe</i>) (N)	<i>H. sp.</i> (unnamed) (smaller than <i>H. japonicum</i>)	(N)
<i>Geum leiospermum</i> (N C)	<i>Hypsela rivalis</i>	(N)
<i>G. sp.</i> (<i>G. parviflorum</i> agg.) (sterile sheet; terminal leaflet about as long as broad; fls up to 13mm diam) (N C S)	<i>Jovellana repens</i>	(N C S)
	<i>J. sinclairii</i>	(N)
	<i>Kelletia dieffenbachii</i>	(N C)
	<i>K. laxa</i>	(N C S)
<i>G. leiospermum</i> X <i>G. sp.</i> (<i>G. parvi-</i> <i>florum</i> agg.) (sterile) (C)	<i>Lilaeopsis ruthiana</i>	(N S)
<i>Gingidia montana</i> (N)	<i>Linum monogynum</i>	(N C S)
<i>Glossostigma elatinooides</i> (N C S)	<i>Liparophyllum gunnii</i>	(N C S)
<i>Gonocarpus aggregatus</i> (N C S)	<i>Mentha cunninghamii</i>	(N)
<i>G. micranthus</i> ssp. <i>micranthus</i> (N C)	<i>Montia fontana</i>	(N C S)
<i>Gratiola sextidentata</i> (N)	<i>Myosotis eximia</i>	(N C)
<i>Gunnera dentata</i> var. <i>dentata</i> (N C)	<i>M. forsteri</i>	(N C S)
<i>G. monoica</i> (N C S)	<i>M. pygmaea</i> ssp.	(N)
	<i>M. spathulata</i> (incl. <i>M. s.</i> var. <i>radicata</i>)	(N C)
<i>G. protepens</i> (N)		

<i>M. tenericaulis</i>	(N)	<i>Ouhisia caespitosa</i> ssp. <i>caesp.</i>	(C)
<i>M. venosa</i>	(NC S)	<i>O. colensoi</i>	(NC S)
<i>M. sp. (i)</i> (unnamed; included in <i>M. pygmaea</i> as var. <i>drucei</i> , by Moore 1961)	(C)	<i>O. lactea</i> ssp. <i>drucei</i>	(NC S)
		<i>O. macrophylla</i> ssp. <i>robusta</i>	(NC S)
		<i>O. modesta</i>	(N)
<i>M. sp. (ii)</i> (unnamed; aff. <i>M. pygmaea</i>)	(N)	<i>O. caespitosa</i> x <i>O. colensoi</i>	(NC S) (C)
<i>M. sp. (iii)</i> (unnamed; aff. <i>M. forsteri</i>) (plants large, with decumbent branches up to 50cm long; fls up to 10mm diam.)	(S)	<i>O. colensoi</i> x <i>O. macrophylla</i>	(N)
		<i>O. c.</i> x <i>O. lactea</i>	(CS)
		<i>O. macrophylla</i> x <i>O. lactea</i>	(N)
		<i>Oxalis exilis</i>	(NC S)
		<i>O. magellanica</i>	(NC S)
<i>Myriophyllum pedunculatum</i> ssp. <i>novae-zealandiae</i>	(NC)	<i>Parakebe diffusa</i> ssp. <i>diffusa</i>	(NC S)
<i>M. propinquum</i>	(N)	<i>P. olsenii</i>	(C)
<i>M. triphyllum</i>	(N)	<i>P. spathulata</i>	(C)
<i>Neopaxia sp. (i)</i> (include <i>Montia calycina</i> and <i>Claytonia australasica</i> var. <i>biflora</i>)	(NC S)	<i>P. diffusa</i> x <i>P. olsenii</i>	(C)
<i>N. sp. (ii)</i> (petals acute; seeds dark red-brown)	(C)	<i>Parietaria debilis</i>	(N S)
<i>Nettlera balfouriana</i>	(NC S)	<i>Peperomia utvilleana</i>	(S)
<i>N. ciliata</i>	(NC S)	<i>Phyllachne colensoi</i> var. <i>colensoi</i>	(C)
<i>N. depressa</i> (incl. <i>N. cunningghamii</i>)	(NC S)	<i>Plantago lanigera</i> s.s.	(C)
<i>N. scapanioides</i>	(N)	<i>P. novae-zealandiae</i>	(C)
<i>N. setulosa</i>	(NC S)	<i>P. raoulii</i>	(NC)
<i>N. sp.</i> (unnamed; aff. <i>N. dichondrifolia</i>) (hairs present on both surfaces of lf, straight, not hooked as in <i>N. dichondrifolia</i>)	(NC)	<i>P. triandra</i> s.s.	(N)
<i>Oreomyrrhis colensoi</i> s.s. (incl. <i>O. c.</i> var. <i>hispida</i> and <i>C. c.</i> var. <i>multifida</i>)	(NC S)	<i>P. uniflora</i>	(C)
<i>O. sp.</i> (unnamed; aff. <i>O. ramosa</i>)	(NC)	<i>P. raoulii</i> x <i>P. triandra</i>	(N)
<i>Oreostylidium subulatum</i>	(NC)	<i>Potentilla auserinoides</i>	(N)
		<i>Pratia angulata</i> agg.	(NC S)
		<i>P. perpusilla</i>	(S)
		<i>Psychrophila novae-zealandiae</i>	(CS)

<i>Ranunculus amphitrichus</i>	(C)		
<i>R. cheesemani</i> var. (<i>R. carsei</i>)	(C)	<i>S. sp.</i> (unnamed) (lvs cut $\frac{1}{3}$ - $\frac{2}{3}$ to base; scattered hairs on upper surface; involucrel bracts obtuse; fr = or \angle its pedicel)	(C)
<i>R. glabrifolius</i>	(N)		
<i>R. insignis</i>	(N C)	<i>Scleranthus biflorus</i>	(N C)
<i>R. macropus</i>	(S)	<i>S. uniflorus</i>	(N)
<i>R. membranifolius</i>	(N C S)		
<i>R. multiscapus</i>	(N)		
<i>R. reflexus</i>	(N C S)	<i>Stackhousia minima</i>	(N)
<i>R. toyi</i>	(N C)	<i>Stellaria decipiens</i> (incl. <i>S. parviflora</i>)	(N C S)
<i>R. simulans</i>	(N)	<i>S. gracilentia</i>	(C)
<i>R. ternatifolius</i>	(N)	<i>Tetlachondra hamiltonii</i>	(N)
<i>R. verticillatus</i>	(C)	<i>Urtica incisa</i>	(N C S)
		<i>U. linearifolia</i>	(S)
		<i>Utricularia novae-zelandiae</i>	(N C)
		<i>Viola cunninghamii</i>	(N C)
		<i>V. filicaulis</i>	(N C S)
		<i>V. lyallii</i>	(S)
		<i>Wahlenbergia albomarginata</i> var. <i>pygmaea</i>	(N C)
<i>R. sp.</i> (unnamed: included in <i>R. lappaceus</i> , as var. <i>macrophyllus</i> , by Kirk 1899)	(N)	<i>W. colensoi</i>	(N S)
<i>R. multiscapus</i> X <i>R. sp.</i> (unnamed) (?)	(N)	<i>W. rupestris</i>	(N C S)
<i>Rotippa palustris</i>	(S)		
<i>Rumex flexuosus</i>	(N)		
<i>Scandia geniculata</i>	(S)		
<i>S. sp.</i> (<i>S. rosifolia</i> agg.) (leaflets ovate-lanceolate)	(N C)		
<i>Schizaelema allanii</i>	(S)		
<i>S. colensoi</i>	(N C)		
<i>S. nitens</i>	(N C S)		
<i>S. trifoliolatum</i>	(N S)		

Plants commonly regarded as indigenous, and present in Ruahine Ra.,

that may be adventive:

Carex comans
 Cotula coronopifolia
 Isolopis prolifer
 Lamna sp. (L. minor auct.)
 Gnaphalium sphaeticum
 Senecio glomeratus
 S. hispidulus

The presence of the following plants in Ruahine Ra. is in doubt:

(they have not been seen by A.P.D. in the field)

Anogramma leptophylla (there is a specimen in Nat. Mus. WELT P. 8186, labelled as having been collected in Ruahine Ra. by E. Tryon)

Fotstera bidwillii (Cheeseman, 1925, indicates that F. major from the Ruahine Ra. is probably this sp.; also recorded by Hooker 1853, and Aston 1914a)

Nothofagus truncata (the type locality is given by Colenso, 1899, as "Ruahine Mountain-range, east side"; the species has never been collected again from Ruahine Ra., and Cockayne seems to have been wrongly informed when he says, 1926: "According to... E. Phillips Turner, Nothofagus truncata is dominant in the montane belt both of the east and west side of the range".

Ranunculus foliosus (there is a specimen in Nat. Mus. WELT 26908, collected by D. Petrie, Jan. 1889)

Doubtful and erroneous records not included in main list:

(It seems unlikely that any of these plants occur in Ruahine Ra.)

<u>Record</u>	<u>Probable identity of plant on which record based (and other comments)</u>
<i>Acaena caesiiglauca</i> (Aston 1914a, as <i>A. sanguisorbae</i> var. <i>pilosa</i>)	<i>Acaena unzerinifolia</i> and <i>A. profunde-incisa</i>
<i>Aciphylla glaucescens</i> (Oliver 1956, Elder 1965)	<i>Aciphylla</i> sp.(i)
<i>A. squarrosa</i> (Aston 1915)	<i>A.</i> sp.(i)
<i>A.s.</i> var. "minor" (Aston 1915)	<i>A.</i> sp.(i)
<i>Alseuosmia quercifolia</i> (Aston 1914a)	<i>A. pusilla</i>
<i>Astelia nervosa</i> (various authors)	<i>Astelia fragrans</i> and/or <i>A. sp.</i> (unnamed)
<i>Anaphalis trinervis</i> (Cheeseman 1925, as <i>Gnaphalium lyallii</i>)	<i>Anaphalis keriensis</i>
<i>A. trinervis</i> (Colenso 1884, Lees 1986)	<i>A. solandri</i>
<i>Brachyscome sinclairii</i> (Kirk 1899, Aston 1914a)	<i>Brachyscome radicata</i>
<i>Carex allanii</i> (?) (Hamlin 1962, Edgar 1970)	<i>Carex acicularis</i>
<i>Celmisia hieraciifolia</i> (Allan 1961; Mark and Adams, 1973)	(recorded in error)
<i>C. graminifolia</i> X <i>C. spectabilis</i> (Given 1984)	<i>Celmisia gracilenta</i> X <i>C. spectabilis</i>
<i>Chionocholea antarctica</i> (Hooker 1853, as <i>Danthonia antarctica</i>)	<i>Chionocholea pallens</i>
<i>C. flavescens</i> (implied by Hamlin 1968 and Edgar 1970, as <i>Danthonia flavescens</i> — see under <i>Carex dtuceana</i>)	<i>C. pallens</i>

- C. rigida* (Hooker 1864 and Buchanan 1880, as *Danthonia raoulii*; Anon 1944, as *Danthonia rigida*) *C. rubra*
- Clematis conninghamii* (Cheeseman, 1925 (type of *Clematis hillii* not found))
 • Allan, 1961, place *C. hillii* - type loc. Ruahine Ra. - in this sp., under the name *C. parviflora*)
- Colobanthus canaliculatus* (?) *Colobanthus* sp. (unnamed)
 (Moore 1961)
- Coprosma acutifolia* (Coleenso 1884) *Coprosma tenuifolia*
C. cuneata (various authors) *C. pseudocuneata*
C. parviflora (various authors) *C. sp. (i)*
C. repens (Aston 1914a) *C. petpusilla*
C. colensoi x *C. foetidissima* (Oliv. 1935) *C. colensoi*
- C. grandifolia* x *C. tenuifolia* (Oliver 1935, as *C. australis* x *C. tenuifolia*) *C. grandifolia*
- Cotiaria angustissima* (Coleenso 1884, Aston 1914a, Cheeseman 1925) *Cotiaria plumosa*
- Craspedia uniflora* (Aston 1914a) *Craspedia* sp. (ii)
- Dracophyllum scoparium* (Hooker 1853) *Dracophyllum longifolium*
D. uniflorum (Oliver 1952) (recorded in error)
- Diosora acuta* x *D. stenopetala* (Cochayne and Allan, 1934)
- D. spathulata* x *D. stenopetala* (Chu. and Allan, 1934)

Elatine (Anon 1944)	(recorded in error)
Forstera sedifolia(?) (Colenso 1884)	Forstera tenella
Gaultheria crassa (Burt and Hill, 1935, as G. rupestris var. parvifolia; Allan 1961, Elder 1965)	Gaultheria colensoi X G. rupestris
G. depressa (Elder 1965)	G. sp. (unnamed)

Hebe salicifolia (Aston 1914a, as Veronica salicifolia)	Hebe stricta
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Hierochloa novae-zelandiae (Hooker 1853, as H. borealis)	Hierochloa recurvata
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Leptinella pyrethriifolia (Allan 1961, as Cotula pyrethriifolia)	
Lepidolobium intermedium (Aston 1914a and Cheeseman 1925, as Dactydwim intermedium)	Halocarpus bifemmis
Libocedrus plumosa (Hooker 1853, as Thuja doniana)	Libocedrus bidwillii
Myosotis antarctica (Colenso 1884)	Myosotis sp. (i)
M. petiolata (Cheeseman 1925, Elder 1965)	M. venosa
Nertera dichondrifolia (Aston 1914a)	Nertera sp. (unnamed)
Oreobolus impar (Colenso 1884, as O. punilio)	Oreobolus pectinatus
O. strictus (Aston 1914b, Cheeseman 1925)	O. pectinatus
Melicytus crassifolius (Aston 1915 & Elder 1965, as Hymenanthera crassifolia)	Melicytus alpinus

<p><i>Parahebe lyallii</i> (Colenso 1884, Aston 1914a, and Cheeseman 1925, as <i>Veronica lyallii</i>)</p>	<p><i>Parahebe diffusa</i></p>
<p><i>Pimelea aridula</i> (Cheeseman 1925, Elder 1965)</p>	<p><i>Pimelea suteri</i> var. (<i>P. oreophila</i>)</p>
<p><i>P. gnidia</i> (Colenso 1884, Aston 1914a, Cheeseman 1925)</p>	<p><i>P. longifolia</i></p>
<p><i>P. lyallii</i> (Colenso 1884, Aston 1911, Cheeseman 1925)</p>	<p><i>P. suteri</i> var. (<i>P. oreophila</i>)</p>
<p><i>Plantago triantha</i> (Hooker 1853, as <i>P. carnosae</i>; Colenso 1884, Aston 1914a, and Cheeseman 1925, as <i>P. brownii</i>)</p>	<p><i>Plantago novae-zelandiae</i></p>
<p><i>Pratia macrodon</i> (Lees 1986)</p>	<p><i>Pratia angulata</i></p>
<p><i>Pteris macilentata</i> (Lees 1986)</p>	<p><i>Pteris pendula</i></p>
<p><i>Raoulia australis</i> (Aston 1914a)</p>	<p><i>Raoulia tenuicaulis</i></p>
<p><i>Schizaelema haastii</i> (Aston 1914a, as <i>Azorella haastii</i>; Cheeseman 1925)</p>	<p><i>Schizaelema</i> sp. (unnamed)</p>
<p><i>S. hydrocotylodes</i> (?) (C. K. Allan 1927, p. 266)</p>	<p><i>S. allanii</i> and <i>S.</i> sp. (unnamed)</p>
<p><i>Trisetum antarcticum</i> (Aston 1914a, Esler 1978)</p>	<p><i>Trisetum</i> sp. or spp</p>
<p><i>Uncinia nervosa</i> (Hamilton 1959)</p>	<p><i>Uncinia</i> sp. (i)</p>
<p><i>Psychrophila obtusa</i> (?) (Cheeseman 1925 and Allan 1961, as <i>Caltha obtusa</i>?)</p>	<p>(specimens probably not from Ruahine Ra.)</p>

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