

INDIGENOUS PSILOPSIDS, LYCOPODS, QUILLWORTS,
FERNS, GYMNOSPERMS, AND FLOWERING PLANTS

OF

PEEL RA., MT SOMERS, AND TWO THUMB
RA., SOUTH CANTERBURY

Mt Peel: 537 23626 57031

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Combined list December 1992

Based on field trips, totalling some 35 days,
April 1983, February 1984, March 1985, March 1986,
March 1987, February 1991, November 1991;
and on earlier observations on Mt Peel by B.M.

List for Peel Range compiled July 1984 (revised May 1985,
July 1985, September 1985, August 1986, October 1987)
List for Mt Somers compiled May 1983 (revised July 1983,
September 1983, May 1984, July 1984, May 1985, July 1985,
August 1986, October 1987)
List for Two Thumb Range compiled June 1985 (revised
July 1985, August 1986, October 1987)

Trees and shrubs	6	Sedges	19
Lianas and related trailing plants	12	Rushes and allied plants	21
Psilopsids, lycopods, quillworts	12	Monocot herbs other than orchids, grasses, sedges,	22
Ferns	13	rushes and allied plants	
Orchids	15	Composite herbs	22
Grasses	16	Dicot herbs others than composites	26

MT SOMERS

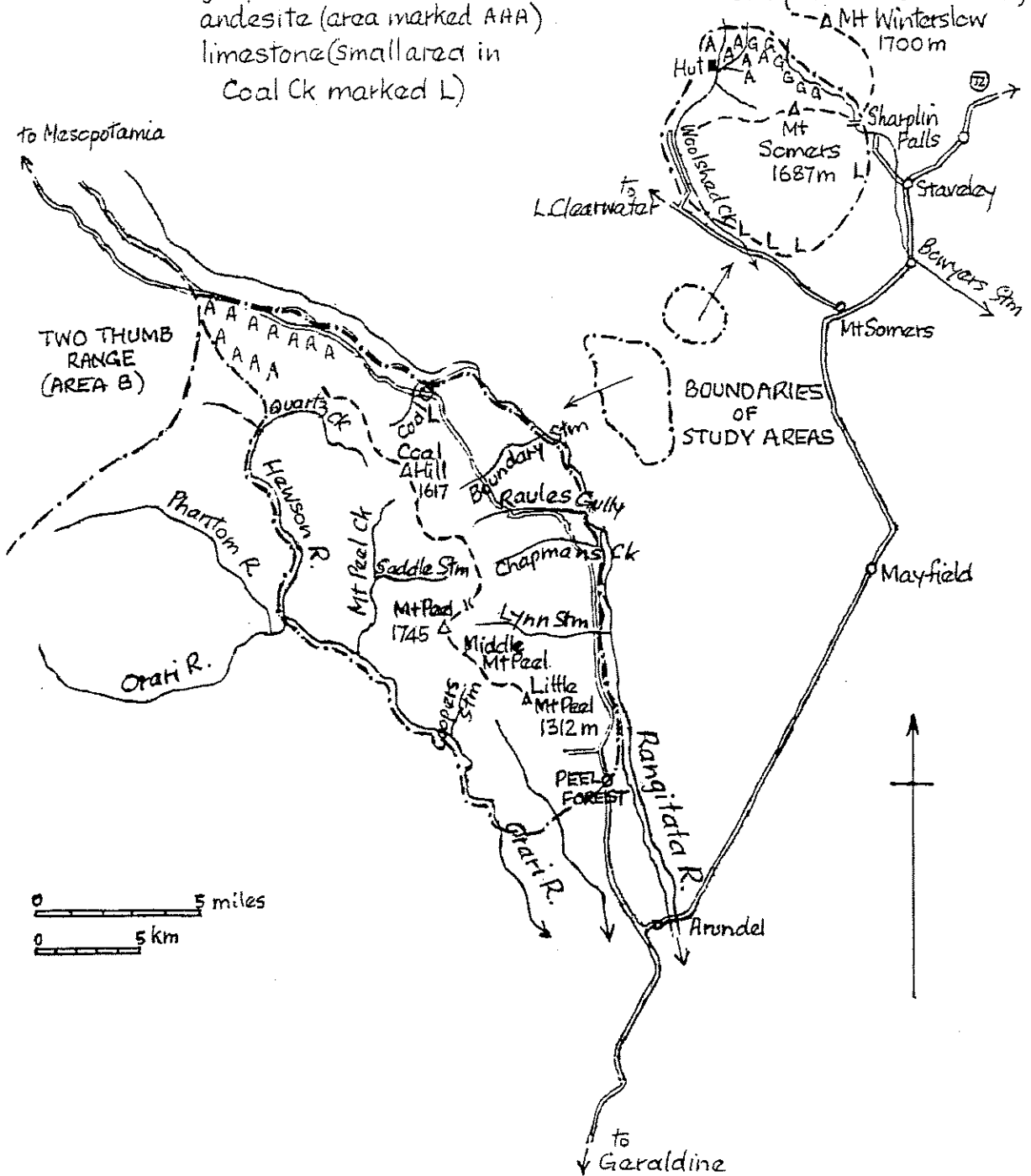
400-1687m

Rocks: rhyolite (most of the area)
 andesite (area marked AAA)
 graywacke (area marked GG)
 limestone (small areas marked L)

PEEL RANGE

275-1745m

Rocks: greywacke (most of the area)
 andesite (area marked AAA)
 limestone (small area in
 Coal Ck marked L)



TWO THUMB RANGE

450-2865 m

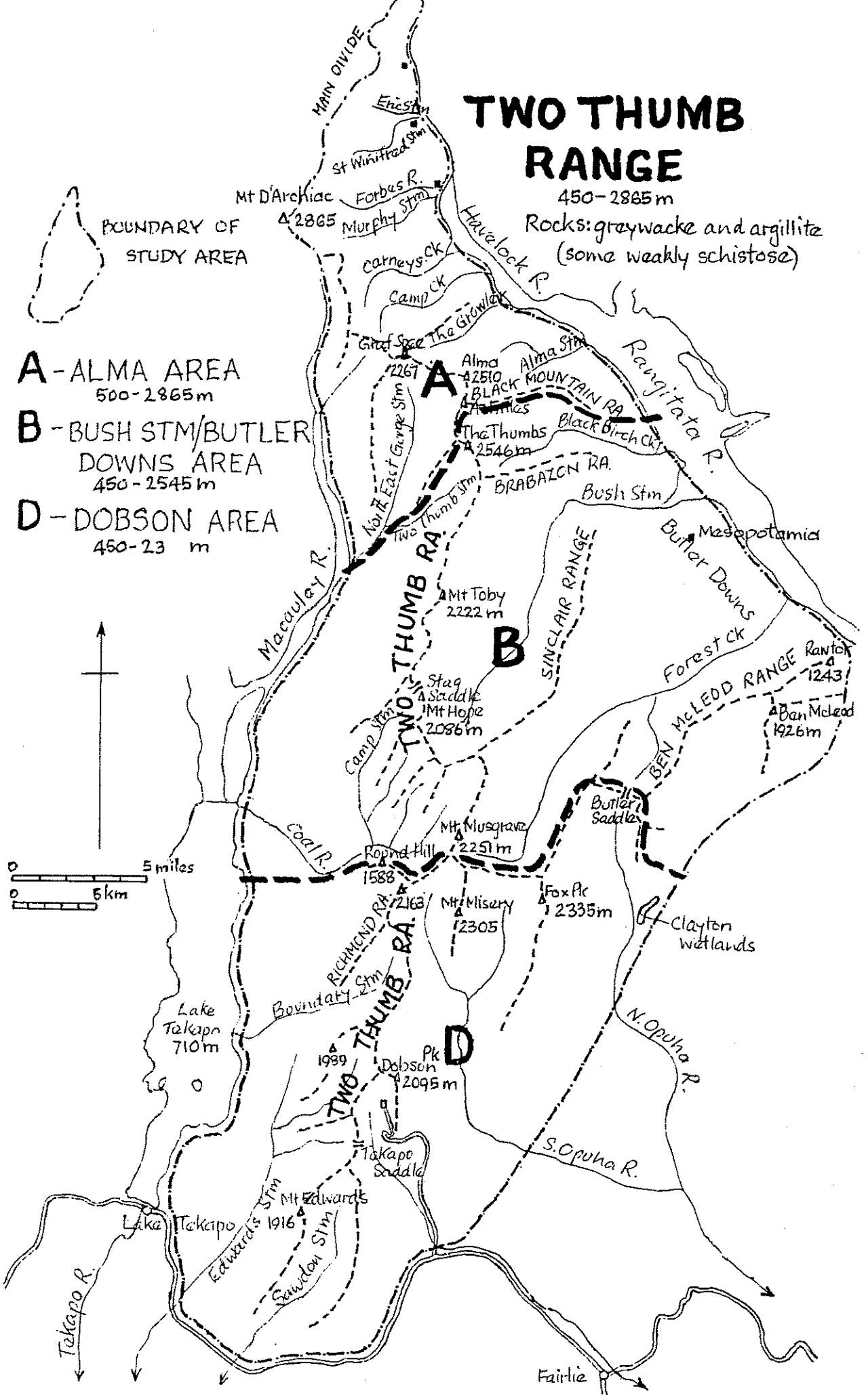
Rocks: graywacke and argillite
(some weakly schistose)

BOUNDARY OF STUDY AREA

A - ALMA AREA
500-2865 m

B - BUSH STM/BUTLER
DOWNS AREA
450-2545 m

D - DOBSON AREA
450-23 m



Abbreviations and signs

aff.	affinities with
agg.	aggregate, comprising more than one species
avct.	of authors
c.	about, approximately
cf.	compare with
et al.	and others
f.	form (used for plants of uncertain status)
fl., fls	flower, flowers
fr., frs	fruit, fruits
incl.	include (in concept of taxon)
infl.	inflorescence
lf, lvs	leaf, leaves
lfl, lfls	leaflet, leaflets
loc.	locality
pers. comm.	personal communication
s.l.	sensu lato, in a broad sense
sp., spp.	species (singular), species (plural)
s.s.	sensu stricto, in a narrow sense, excluding species other than the original in an aggregate
ssp., sspp.	subspecies (singular), subspecies (plural)
var., vars	variety, varieties

X hybrid between species

⇌ grading between varieties or subspecies

/ links two species not separately determined

? determination doubtful

Key to distributions

P - Peel Range (predominantly graywacke) (583 species)

P - seen in areas of graywacke but not in areas of andesite
(365 species)

Pd - seen only in areas of andesite (NE part of range)
(23 species)

Pag - seen in both graywacke and andesite areas (189 species)

Pc - seen only in small area of limestone (Coal Ck) (4 species)

Pac - seen in both andesite and limestone areas but not in
graywacke areas (2 species)

S - Mt Somers (predominantly rhyolite) (497 species)

S - seen in areas of rhyolite but not in areas of andesite
(309 species)

Sa - seen in areas of andesite (NE of Mt Somers) but not in areas
of rhyolite (20 species)

Sar - seen in both rhyolite and andesite areas (147 species)

Sc - seen only in small areas of limestone (9 species)

Sg - seen only in areas of graywacke (N of Mt Somers) (12 species)

ABD - Two Thumb Range (entirely graywacke and argillite) (593 species)

A - Alma area (N part of range)

B - Bush Stm/Butler-Downs area (central part of range)

D - Dobson area (S part of range)

() - uncommon or local

No. of species common to Peel Ra, Mt Somers, and Two Thumb Ra. : 338.

No. of species confined to Peel Ra. : 78.

No. of species confined to Mt Somers : 34.

No. of species confined to Two Thumb Ra. : 127.

No. of species on Peel Ra. and Mt Somers but not on Two Thumb Ra. : 82.

No. of species on Peel Ra. and Two Thumb Ra. but not on Mt Somers : 85.

No. of species on Mt Somers and Two Thumb Ra. but not on Mt Peel : 43.

Total no. of species: 785.

GYMNOSPERM TREES AND SHRUBS

<i>Dactycarpus dactydioides</i> [<i>Podocarpus dactydioides</i>]	P	S	
<i>Halocarpus bidwillii</i> [<i>Dactyidium bidwillii</i>]		S	(D)*
<i>Libocedrus bidwillii</i>	(P)		
<i>Phyllocladus alpinus</i> s.s. [<i>P. alpinus</i> in part]		S	A(BD)
<i>Podocarpus hallii</i>	P	(S)	A(BD)
<i>P. nivalis</i>		Sar	A(BD)
<i>P. totara</i> s.s. [<i>P. totara</i> in part]	P		
<i>P. hallii</i> x <i>P. nivalis</i>		(S)	A(B)
<i>P. hallii</i> x <i>P. totara</i>	P		
<i>Prumnopitys taxifolia</i> [<i>Podocarpus spicatus</i>]	P		

MONOCOT TREES

<i>Cordyline australis</i>	Pag	S	A
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DICOT TREES AND SHRUBS

<i>Alepis flavida</i> [<i>Elytranthe flavida</i>]	(P)	(S)	(A)B
<i>Aristotelia fruticosa</i>	Pag	Sa	ABD
<i>A. serrata</i>	P	S	AB
<i>A. fruticosa</i> x <i>A. serrata</i>	(P)		
<i>Brachyglottis cassinioides</i> [<i>Senecio cassinioides</i>]			ABD
<i>B. rotundifolia</i> var. (a) (incl. <i>B. buchananii</i> and <i>B. cockaynei</i>) [<i>Senecio bennettii</i>]	P		A
<i>Carmichaelia arborea</i> var. <i>arborea</i> s.l. (incl. <i>C. grandiflora</i>) [<i>C. grandiflora</i>]			A
<i>C. cunninghamii</i> var. (a) (incl. <i>C. robusta</i> and <i>C. violacea</i>)	Pag	Sar	ABD
<i>C. currugata</i>	(P)		(B)
<i>C. enysii</i> var. <i>enysii</i>			BD
<i>C. montroi</i> s.l. (incl. <i>C. montroi</i> var. <i>longicarinata</i>)	Pag	Sar	BD
<i>C. uniflora</i> (Thompson 1978)			(B)
<i>C. sp.</i> (b) (rhizomatous shrubs, upto 20 cm tall, forming extensive patches on river terraces)	(Pa)		A
<i>Carpodetus serratus</i>	P	S	(A)B
<i>Cassinia fulvida</i> s.s.	P	Sar	B

* subfossil wood

<i>C. vauvilliersii</i> s.l. (incl. <i>C. fulvida</i> var. <i>montana</i>)	P	Sar	ABD
<i>Coprosma acerosa</i> ssp.(a) (described as <i>C. acerosa</i> f. <i>brunnea</i>) [<i>C. brunnea</i> in part]	(P)	Sar	A D
<i>C. areolata</i>	P		
<i>C. atropurpurea</i> [<i>C. petrici</i> var. <i>atropurpurea</i>]		S	ABD
<i>C. cheesemanii</i> s.s.	P	S	ABD
<i>C. ciliata</i> ssp.(a) (lvs of adult plants glabrous or nearly so)	Pag	Sar	ABD
<i>C. crassifolia</i>	Pag	S	B
<i>C. depressa</i>	P	S	A D
<i>C. linariifolia</i>	P	S	AB
<i>C. lucida</i> s.s.	P		
<i>C. microcarpa</i>	(P)	S	
<i>C. perpusilla</i> ssp. <i>perpusilla</i> [<i>C. pumila</i> in part]	P	S	A
<i>C. petrici</i>	Pag	Sar	ABD
<i>C. propinqua</i> ssp. <i>propinqua</i>	Pag	Sar	ABD
<i>C. pseudocuneata</i> ssp.(a) (lvs narrower than in ssp. <i>pseudocuneata</i>) [<i>C. pseudocuneata</i> in part]		S	AB
<i>C. rhamnoides</i> s.l. (incl. <i>C. polymorpha</i>)	P	S	B
<i>C. rigida</i>	P	S	D
<i>C. rotundifolia</i>	P	S	
<i>C. rubra</i>	P		
<i>C. rugosa</i> ssp. <i>rugosa</i>	P	S	A D
<i>C. serrulata</i>	P	S	A
<i>C. wallii</i>	P		
<i>C. sp. (a)</i> (described as <i>C. parviflora</i> var. <i>dumosa</i> by Cheeseman 1906; non <i>C. parviflora</i> var. <i>dumosa</i> Allan 1961) [<i>C. parviflora</i> in part]	P	S	ABD
<i>C. sp. (c)</i> (aff. <i>C. intertexta</i> ; prostrate or lianoid shrubs)		S	
<i>C. sp. (d)</i> (aff. <i>C. pseudocuneata</i> ; low-growing shrubs with small, thick, arcuate lvs) [<i>C. pseudocuneata</i> in part]	P	S	A D
<i>C. sp. (g)</i> (aff. <i>C. parviflora</i>) (flowering branches slender, curved, bearing bracts only; drupes small, ± violet)	P		
<i>C. acerosa</i> X <i>C. rugosa</i>			(A)
<i>C. cheesemanii</i> X <i>C. ciliata</i>			(D)

	Pag	(S)	D
<i>Corallospartium crassicaule</i> var. <i>crassicaule</i>	Pag	(S)	D
<i>Coriaria angustissima</i>			A
<i>C. arborea</i>	P.		
<i>C. plumosa</i>	P.	Sar	ABD
<i>C. sarmentosa</i>	Pag	Sar	ABD
<i>C. angustissima</i> X <i>C. sarmentosa</i>			A
<i>C. plumosa</i> X <i>C. sarmentosa</i>	(P)	(S)	A D
<i>Corokia cotoneaster</i> var. <i>cotoneaster</i>	Pag	Sar	BD
<i>Cyathodes dealbata</i>		S	
<i>C. sp. (a)</i> (<i>C. juniperina</i> agg.) (lvs small, us. <1 cm X <1 mm)	P	S	B
<i>Discaria foemata</i>	Pag	Sa	ABD
<i>Dracophyllum acerosum</i>	(Pag)		BD
<i>D. kirkii</i> s.s.			A
<i>D. longifolium</i> var. <i>longifolium</i>	P	Sar	A D
<i>D. muscoides</i>		S	BD
<i>D. prinum</i>	P	S	ABD
<i>D. uniflorum</i> s.l. (incl. <i>D. uniflorum</i> var. <i>frondosum</i>)	Pag	Sar	ABD
<i>D. kirkii</i> X <i>D. longifolium</i>			(A)
<i>D. longifolium</i> X <i>D. prinum</i>			(B)
<i>Elaeocarpus hookerianus</i>	P	S	
<i>Exocarpos bidwillii</i>	Pag	S	(A)(B)(D)
<i>Fuchsia excorticata</i>	P	S	ABD
<i>F. excorticata</i> X <i>F. petscandens</i>	P		
<i>Gaulltheria antipoda</i>	P	S	ABD
<i>G. crassa</i>	Pag	Sar	ABD
<i>G. depressa</i> s.s.		S	
<i>G. macrostigma</i> [<i>Pernettya macrostigma</i>]	(P)	S	
<i>G. nubicola</i> [<i>Pernettya nana</i> in part]	(P)	S	A D
<i>G. parvula</i> [<i>Pernettya nana</i> in part]			BD
<i>G. sp. (a)</i> (described as <i>G. depressa</i> var. <i>novae-zelandiae</i> by Franklin 1962) [<i>G. depressa</i> in part]	Pag	Sar	ABD
<i>G. antipoda</i> X <i>G. crassa</i>		(S)	
<i>G. antipoda</i> X <i>G. macrostigma</i>		(S)	
<i>G. crassa</i> X <i>G. macrostigma</i>	P		
<i>G. crassa</i> X <i>G. nubicola</i>			(A)
<i>G. crassa</i> X <i>G. parvula</i>			(B)(D)
<i>G. crassa</i> X <i>G. sp. (a)</i>		(S)	
<i>G. parvula</i> X <i>G. sp. (a)</i>			BD

<i>Gnaphalium littoralis</i>	P	Sar	ABD
<i>Hebe amplexicaulis</i> s.l. (incl. <i>H. amplexicaulis</i> f. <i>hirta</i>)	Pag	Sar	
<i>H. anomala</i> [<i>H. odora</i> in part]	P	S	D
<i>H. buechananii</i>			D
<i>H. cheesemanii</i>	P	S	BD
<i>H. ciliolata</i>			A
<i>H. epacridea</i>			ABD
<i>H. haastii</i> var. <i>haastii</i>			BD
<i>H. lycopodioides</i> s.l. (incl. <i>H. lycopodioides</i> var. <i>patula</i> and <i>H. poppelwellii</i>)	P	S	ABD
<i>H. mactrantha</i> var. <i>mactrantha</i>			A
<i>H. pauciramosa</i>		S	
<i>H. pimaleoides</i> s.s. (incl. <i>H. pimaleoides</i> var. <i>minor</i>)	Pa		
<i>H. pinguiifolia</i> s.s.		S	ABD
<i>H. rakaiensis</i>	(P)	Sar	BD
<i>H. salicifolia</i> var. <i>salicifolia</i>	Pag	S	ABD
<i>H. subalpina</i> var. <i>subalpina</i>			A
<i>H. tetrastricha</i>		S	
<i>H. traversii</i>	Pag	S	ABD
<i>H. treadwellii</i>			A
<i>H. sp. (i)</i> (aff. <i>H. pimaleoides</i>)			(D)
<i>H. sp. (l)</i> (aff. <i>H. pinguiifolia</i>)	P	S	
<i>H. amplexicaulis</i> X <i>H. traversii</i>		S	
<i>H. salicifolia</i> X <i>H. traversii</i>	(P)		
<i>Helichrysum aggregatum</i> var. <i>aggregatum</i> [<i>H. glomeratum</i>]	P	S	B
<i>H. depressum</i>	(P)	(Sg)	AB
<i>H. intermedium</i> [<i>H. selago</i>]	Pag	Sar	ABD
<i>H. plumbeum</i>			D
<i>H. aggregatum</i> X <i>Anaphalis</i> sp. (a)	P		
<i>H. intermedium</i> X <i>Anaphalis</i> sp. (a)	(Pag)		
<i>Hoheria angustifolia</i>	P		
<i>H. lyallii</i> var. <i>lyallii</i>	Pag	Sar	BD
<i>H. lyallii</i> var. <i>lyallii</i> \rightleftharpoons var. (a) (incl. <i>H. glabrata</i>)			AB
<i>H. angustifolia</i> X <i>H. lyallii</i>	(P)		
<i>Ileostylus micranthus</i> [<i>Loranthus micranthus</i>]	P		
<i>Koehleria clavata</i> [<i>K. lindsayi</i> var. <i>clavata</i>]	P	(S)	(A)
<i>K. lindsayi</i>	P	(S)	
<i>K. salicornioides</i> (Allan 1927)	(P)		

<i>Kunzea ericoides</i> agg. [<i>Leptospermum ericoides</i>]	Pag	Sar	AB
<i>Leptospermum scoparium</i>	P	Sar	ABD
<i>Leucopogon fraseri</i> s.s. [<i>Cyathodes fraseri</i>]	Pag	Sar	ABD
<i>L. suaveolens</i> s.l. (incl. <i>L. colensoi</i>) [<i>Cyathodes colensoi</i>]	Pag	Sar	BD
<i>L. sp. (a)</i> (described as <i>L. fraseri</i> var. <i>muscosus</i> by Simpson 1945) [<i>Cyathodes fraseri</i> var. <i>muscosa</i>]	Pag	(Sa)	BD
<i>Lophomyrtus obcordata</i>	P		
<i>Melicope simplex</i>	P		
<i>Melicope alpinus</i> s.s. [<i>Hymenanthera alpina</i>]	Pag	Sar	ABD
<i>M. lanceolatus</i> s.l. (incl. <i>M. lanceolatus</i> var. <i>latior</i>)	P		
<i>M. micranthus</i> s.l. (incl. <i>M. micranthus</i> var. <i>microphyllus</i>)	P		
<i>M. ramiflorus</i> ssp. <i>ramiflorus</i>	P		
<i>M. sp. (b)</i> (aff. <i>M. alpinus</i> ; low-growing rhizomatous shrubs with recurved spinous branchlets and narrowly linear-oblancheolate lvs)	(Pa)	(Sa)	
<i>M. sp. (d)</i> (shrubs or small trees with flexuose branches)	(P)		
[<i>Hymenanthera angustifolia</i>]			
<i>M. micranthus</i> x <i>M. ramiflorus</i>	P		
<i>Metrosideros umbellata</i>	P	S	AB
<i>Myrsine australis</i>	P	(S)	
<i>M. divaricata</i> s.s.	Pag	S	AB
<i>M. nummularia</i>	Pag	Sar	AB
<i>Neomyrtus pedunculata</i>	P	S	
<i>Nothofagus menziesii</i>		S	
<i>N. solandri</i> var. <i>cliffortioides</i>	P	S	ABD
<i>N. solandri</i> var. <i>cliffortioides</i> \Rightarrow var. <i>solandri</i>	P	S	
<i>N. fusca</i> x <i>N. solandri</i> (Buttows 1977)			(B)
<i>Notospartium torulosum</i>	Pag		
<i>Olearia arborescens</i>	P	S	A
<i>O. avicenniifolia</i>	Pag	S	ABD
<i>O. bullata</i> [<i>O. virgata</i> var. <i>rugosa</i>]	P	Sar	ABD
<i>O. colensoi</i> var. <i>argentea</i>			A
<i>O. cymbifolia</i> [<i>O. nummulariifolia</i> var. <i>cymbifolia</i>]			(A)BD
<i>O. fragrantissima</i>	(P)		
<i>O. ilicifolia</i>		(S)	A
<i>O. lineata</i> [<i>O. virgata</i> var. <i>lineata</i>]	(P)		B
<i>O. moschata</i>			A
<i>O. nummulariifolia</i> var. (a) (lvs oval, rather than suborbicular as in var. <i>nummulariifolia</i>)	(P)		ABD

	P	Pa	Pc	Pag	Sar	S	BD	A	AB	ABD	II
<i>O. odorata</i>										ABD	
<i>O. paniculata</i>											
<i>O. arborescens</i> X <i>O. ilicifolia</i>								A			
<i>O. avicennifolia</i> X <i>O. moschata</i> (Allan 1927 and Burrows 1977, as <i>O. haastii</i>)	(P)								(A)		
<i>O. avicennifolia</i> X <i>O. nummularifolia</i>									(A)		
<i>Pannantia corymbosa</i>	P										
<i>Pentachondra pumila</i>		Pag			Sar		BD				
<i>Peraxilla tetrapetala</i> [<i>Elytranthe tetrapetala</i>]									(AB)		
<i>Pimelea microphylla</i> [<i>P. prostrata</i> in part]									(B)		
<i>P. prostrata</i>			(Pc)						AB		
<i>P. pseudolyallii</i>				Pag	Sar		BD				
<i>P. senecioides</i> s.s.									(B)		
<i>P. suteri</i> var. (a) (incl. <i>P. oreophila</i>) [<i>P. pseudolyallii</i> in part]		Pa			Sar		ABD				
<i>P. traversii</i>		(P)			(S)		AB				
<i>Pittosporum anomalum</i>									A(B)		
<i>P. divaricatum</i> [<i>P. divaricatum</i> and <i>P. lineare</i>]						S					
<i>P. eugenioides</i>			P		(S)						
<i>P. tenuifolium</i> ssp <i>tenuifolium</i>				P	S		AB(D)				
<i>Plagianthus regius</i> var. <i>regius</i> [<i>Plagianthus betulinus</i>]				P							
<i>Pseudopanax anomalum</i> [<i>Neopanax anomalum</i>]			(P)								
<i>P. arboreum</i> var. <i>arboreum</i> [<i>Neopanax arboreum</i>]				P							
<i>P. colensoi</i> s.s. [<i>Neopanax colensoi</i> in part]				P	S						
<i>P. crassifolius</i>				P	S		ABD				
<i>P. simplex</i> s.l. (incl. <i>P. simplex</i> var. <i>sinclairii</i>) [<i>Neopanax simplex</i>]				P	S		A				
<i>P. sp.</i> (a) (described as <i>P. colensoi</i> var. <i>ternatus</i> by Wardle 1968) [<i>Neopanax colensoi</i> in part]				P	S		A (D)				
<i>P. colensoi</i> X <i>P. crassifolius</i>			(P)*								
<i>P. colensoi</i> X <i>P. sp.</i> (a)			(P)		(S)						
<i>Pseudowintera colorata</i>				P	S						
<i>Schefflera digitata</i>				P	S						
<i>Solanum laciniatum</i>			(P)								
<i>Sophera microphylla</i>				P	S		A(BD)				
<i>S. prostrata</i>				Pag							
<i>S. microphylla</i> X <i>S. prostrata</i> (Allan 1927)			(P)								
<i>Streblus heterophyllus</i> [<i>Paratrophis microphylla</i>]				P							

* only one plant seen

MONOCOT LIANES

Ripogonum scandens (P)

DICOT LIANES AND RELATED TRAILING PLANTS

<i>Brachyglottis sciadophila</i> [<i>Senecio sciadophilus</i>]	(P)		
<i>Calystegia tugotium</i>	Pag	Sc	AB
<i>Clematis foetida</i>	P		
<i>C. forsteri</i> [<i>C. forsteri</i> , <i>C. australis</i> , <i>C. hookeriana</i> , and <i>C. petriei</i>]	(P)	(S)	
<i>C. marata</i>	Pag	Sar	
<i>C. paniculata</i>	P	S	
<i>Convolvulus verticundus</i> s.s.	(Pe)		D
<i>Fuchsia petscandens</i>	(P)		
<i>Metrosideros diffusa</i>	P	(S)	
<i>Muehlenbeckia australis</i>	P	S	ABD
<i>M. axillaris</i>	Pag	Sa	ABD
<i>M. complexa</i>	Pag	S	ABD
<i>M. ephedroides</i>	Pa		
<i>M. australis</i> X <i>M. complexa</i>	P		
<i>M. axillaris</i> X <i>M. ephedroides</i>	(Pa)		
<i>M. complexa</i> X <i>M. ephedroides</i>	(Pa)		
<i>Parsonsia capsularis</i>	Pag	(S)	ABD
<i>P. heterophylla</i>	P	S	
<i>Rubus australis</i>	P		
<i>R. cissoides</i> var. (a) ("form c" of Allan 1961; filts broader than in var. <i>cissoides</i>)	P	S	ABD
<i>R. schmidelioides</i> var. <i>subpauperatus</i>	Pag	S	ABD
<i>R. squarrosus</i>			AB
<i>R. cissoides</i> X <i>R. schmidelioides</i>	P		AB

PSILOPSIDS, LYCOPODS, AND QUILLWORTS

<i>Isoetes alpinus</i>			B
<i>Lycopodium australianum</i>	Pag	S	ABD
<i>L. fastigiatum</i>	Pag	Sar	ABD
<i>L. scariosum</i>	P	S	A(B)
<i>L. varium</i>	P	S	A
<i>L. volubile</i>	P	S	
<i>Tmesipteris tannensis</i>	P		

FERNS

<i>Asplenium colensoi</i>	(P)		
<i>A. flabellifolium</i> agg.	Pag	Sar	ABD
<i>A. flaccidum</i>	P	S	A
<i>A. gracillimum</i> [<i>A. bulbiferum</i> ssp. <i>gracillimum</i>]	P	S	
<i>A. hookerianum</i> ss.	(Pag)	(S)	AB
<i>A. lyallii</i>		(Sc)	
<i>A. oblongifolium</i>		(Sc)	
<i>A. richardii</i>	Pag	Sar	ABD
<i>A. terrestre</i> ssp. <i>terrestre</i>	Pag	S	ABD
<i>A. sp. (a)</i> (aff. <i>A. trichomanes</i>)	Pag	Sa	AB(D)
<i>A. flaccidum</i> X <i>A. gracillimum</i>	P		
<i>A. f.</i> X <i>A. terrestre</i>	P		
<i>A. gracillimum</i> X <i>A. hookerianum</i>	(P)		
<i>A. g.</i> X <i>A. terrestre</i>	P		
<i>A. richardii</i> X <i>A. terrestre</i> (Brownsey 1977)	(P)		
<i>Azolla filiculoides</i>	P		
<i>Blechnum chambetsii</i>	P	S	(B)
<i>B. colensoi</i>	P	S	
<i>B. discolor</i>	P	S	
<i>B. fluviatile</i> agg.	P	S	B
<i>B. minus</i>	Pag	S	
<i>B. penna-matina</i>	Pag	Sar	ABD
<i>B. procerum</i>	P	S	ABD
<i>B. vulcanicum</i>	P	Sar	
<i>B. sp. (a)</i> (lowland sp.; lower pinnae reduced in length)	P	S	
<i>B. sp. (b)</i> (mountain sp.; lower pinnae not reduced in length; "The Dunedin-Cass Variety" of Crookes 1963)	P	Sar	ABD
<i>B. minus</i> X <i>B. procerum</i>	P	S	
<i>B. m.</i> X <i>B. sp. (a)</i>	P		
<i>B. procerum</i> X <i>B. sp. (a)</i>	P	S	
<i>B. p.</i> X <i>B. sp. (b)</i>	P	S	
<i>Botrychium australe</i>	(P)	(S)	(B)
<i>B. bifforme</i>	(P)		
<i>Cheilanthes humilis</i>	(Pag)		(B)
<i>Ctenopteris heterophylla</i>	(P)	S	

<i>Cyathea colensei</i>	P		
<i>C. dealbata</i>	P		
<i>C. smithii</i>	P	(S)	
<i>Cystopteris tasmanica</i>	(Pag)	Sar	ABD
<i>Dicksonia fibrosa</i>	P		
<i>D. squarrosa</i>	P		
<i>Gleichenia dicatpa</i>	(P)	(S)	
<i>Grammitis billardierei</i>	(P)	(S)	
<i>G. magellanica</i> ssp. <i>notkofagei</i>		S	
<i>G. patagonica</i>	Pag	S	A
<i>G. poeppigiana</i>	Pag	Sar	ABD
<i>G. sp. (a)</i> (plants forming patches on rocks; rhizome short-creeping; stipe indistinct, winged to base; stipe hairs absent to sparse; lamina linear-oblancoelate; lamina hairs absent to sparse; sori oblong, parallel to midrib)			A
<i>Histiopteris incisa</i>	P	S	
<i>Hymenophyllum bivalve</i>		(S)	
<i>H. demissum</i>	P	(S)	
<i>H. flabellatum</i>	P		
<i>H. multifidum</i>	Pag	S	ABD
<i>H. peltatum</i>	(P)	(S)	(A)
<i>H. pulcherrimum</i>	(P)	(S)	
<i>H. ratum</i>	(P)		A
<i>H. sanguinolentum</i> agg.	P	S	
<i>H. scabrum</i>	(P)		
<i>H. villosum</i>	Pag	Sar	ABD
<i>Hypolepis ambigua</i>	P	S	
<i>H. millefolium</i>	Pag	Sar	ABD
<i>H. rufobarbata</i>	P	S	
<i>H. ambigua</i> x <i>H. rufobarbata</i>	(P)		
<i>Lastreopsis glabella</i>	(P)		
<i>Leptolepia novae-zelandiae</i>	P		
<i>Leptopteris hymenophylloides</i>	P	S	
<i>L. superba</i>		(S)	
<i>Ophioglossum coriaceum</i> agg.	Pag	S	(A)BD
<i>Paesia scaberula</i>	P		
<i>Pellaea rotundifolia</i>	P		
<i>Phymatosorus pustulatus</i> [<i>P. diversifolius</i>]	P	S	A

Pilularia novae-zelandiae
Pleurosorus rutifolius
Polystichum cystostegia
P. richardii
P. vestitum
P. richardii X *P. vestitum*
Pteridium esculentum
Pyrosia eleagnifolia
Stichetus cunninghamii
Trichomanes venosum

(D)¹⁵
 (Pd)
 (P) Sar ABD
 Pag B
 Pag Sar ABD
 (P) (S) (D)
 Pag S ABD
 P B
 (P) (S)
 (P)

MONOCOTYLEDONOUS HERBS

ORCHIDS

Adenochilus gracilis
Aporostylis bifolia
Bulbophyllum pygmaeum
Caladenia lyallii
Chiloglottis cornuta
Corybas macranthus
C. orbiculatus (?)
C. trilobus s.s.
Drymoanthus adversus
Gastrodia cunninghamii
G. sesamoides
Microtis oligantha
M. unifolia
Prasophyllum colensoi
Pterostylis areolata (Thompson 1978)

(P) S
 P S A
 (P)
 (P) (S)
 P S A
 P Sg (A)
 Pag S
 P S AB
 (P)
 (P) (S) B
 (P)
 (P) (S) ABD
 Pag Sar ABD
 P S ABD
 (B)

P. banksii
P. oliveri

P (S)
 A

P. sp. (a) (aff. *P. cyenocephala*) [*P. cyenocephala*]
P. sp. (*P. montana* agg.)
Thelymitra cyanea [*T. venosa*]
T. formosa
T. hatchii
T. longifolia
T. pulchella

(Pd) (BD)
 (S)
 (P) S
 (P) (S)
 P Sar (AB)
 Pag Sar ABD
 S

GRASSES

<i>Agrostis imbecilla</i> [<i>A. tenella</i>]			(B)
<i>A. muelleriana</i> [<i>A. subulata</i> in part]	Pag	S	ABD
<i>A. muscosa</i>	(P)	(S)	BD
<i>A. pallescens</i>		S	BD
<i>A. personata</i> [<i>A. parviflora</i>]	P	S	ABD
<i>A. petriei</i>	Pag	S	BD
<i>A. sp.(b)</i> (aff. <i>A. dyeri</i> but panicles not contracted) [<i>A. dyeri</i> in part]	(P)		A
<i>Amphibromus fluitans</i>			(D)
<i>Chionochloa conspicua</i> ssp. <i>conspicua</i> [<i>Danthonia cunninghamii</i>]	P	S	ABD
<i>C. crassiuscula</i> ssp. <i>torta</i> [<i>Danthonia crassiuscula</i>]		S	(B)
<i>C. macra</i> [<i>Danthonia raoulii</i> in part]	Pag	Sar	BD
<i>C. pallens</i> [<i>Danthonia raoulii</i> in part]	P	S	A
<i>C. rigida</i> ssp. <i>rigida</i> [<i>Danthonia raoulii</i> in part]	Pag	Sar	ABD
<i>C. rubra</i> ssp. <i>cuprea</i> [<i>Danthonia raoulii</i> in part]	(P)	Sar	ABD
<i>C. sp.(a)</i> (<i>C. flavescens</i> auct. South Island, non <i>C. flavescens</i> Zotov; If blade green on abaxial surface, glaucous on adaxial surface, wide, strap-like, without midribs or with faint midrib on abaxial surface only) [<i>Danthonia raoulii</i> in part]		Sar	A
<i>C. conspicua</i> X <i>C. rubra</i>		(S)	
<i>C. crassiuscula</i> X <i>C. pallens</i>		(S)	
<i>C. macra</i> X <i>C. rigida</i>			(D)
<i>C. macra</i> X <i>C. rubra</i>			(D)
<i>C. macra</i> X <i>C. sp.(a)</i>		(S)	
<i>C. pallens</i> X <i>C. rubra</i>		(S)	
<i>C. rigida</i> X <i>C. rubra</i>		(S)	(A) (D)
<i>C. rubra</i> X <i>C. sp.(a)</i>		(S)	
<i>Cortaderia richardii</i>	P	Sar	ABD
<i>Deschampsia novae-zelandiae</i> s.l. (incl. <i>D. chapmanii</i> ?)		(S)	BD
<i>D. tenella</i>	P	S	BD
<i>Deyeuxia aucklandica</i> [<i>D. setifolia</i>]	(Pag)	S	A D
<i>D. avenoides</i> s.l. (incl. <i>D. avenoides</i> var. <i>brachyantha</i>)	Pag	Sar	ABD
<i>D. youngii</i> s.l. (incl. <i>D. youngii</i> var. <i>petriei</i>)	(P)	S	
<i>Dichelachne cincta</i>	Pag	Sar	ABD
<i>Echinopogon ovatus</i>	P		

<i>Elymus enysii</i> [<i>Agropyron aristatum</i>]	(P)	S	
<i>E. narduroides</i> [<i>Asperella gracilis</i>]			(A) (D)
<i>E. tenuis</i> [<i>Agropyron scabrum</i> in part]	(Pag)		
<i>E. sp. (c)</i> (aff. <i>E. rectisetus</i> ; plants green or glaucous; lamina usually channelled, up to 3 mm wide when flattened; awns 2-3 cm long) [<i>Agropyron scabrum</i> in part]	Pag	Sar	ABD
<i>Festuca novae-zelandiae</i>	Pag	Sar	ABD
<i>F. sp. (a)</i> [<i>F. rubra</i> in part]	Pag	S	A D
<i>F. sp. (c)</i> (<i>F. matthewsii</i> sensu Connor 1968)	(P)	S	ABD
<i>Hierochloa cuprea</i>	(P)		A
<i>H. equisetata</i>		(S)	BD
<i>H. novae-zelandiae</i> [<i>H. fraseri</i> in part]	P	S	
<i>H. recurvata</i> [<i>H. fraseri</i> var. <i>recurvata</i>]	(P)		A
<i>H. redolens</i>	Pag	S	
<i>Koeleria cheesemanii</i> [<i>Trisetum cheesemanii</i>]	P	S	ABD
<i>K. sp. (a)</i> (<i>K. novozelandica</i> agg.; plants rhizomatous; lvs narrow, channelled) [<i>K. kurtzii</i> in part]			D
<i>K. sp. (b)</i> (<i>K. novozelandica</i> agg.; plants tufted; lvs flat) [<i>K. kurtzii</i> in part]	P	Sa	ABD
<i>Lachnagrostis filiformis</i> s.s. [<i>Deyeuxia forsteri</i> in part]			BD
<i>L. richardii</i> [<i>Deyeuxia forsteri</i> var. <i>pilosa</i>]			A
<i>L. striata</i> [<i>Deyeuxia forsteri</i> var. <i>humilior</i> in part]			D
<i>L. sp. (a)</i> (included in <i>L. filiformis</i> , as var. <i>semiglabra</i> , by Zotov 1965) [<i>Deyeuxia forsteri</i> var. <i>semiglabra</i>]	Pag	Sar	ABD
<i>L. sp. (c)</i> (glumes up to 4 mm long; awns short or absent) [<i>Deyeuxia forsteri</i> in part]			(D)
<i>Microlaena avenacea</i>	P	S	
<i>M. colensoi</i> [<i>Ehtharta colensoi</i>]	P	S	A
<i>M. stipoides</i>	P		
<i>Poa breviglumis</i> [<i>P. imbecilla</i> var. <i>breviglumis</i>]	Pag	S	(A) BD
<i>P. buechananii</i> [<i>P. sclerophylla</i>]	(P)	Sg	B(D)
<i>P. cita</i> ssp. <i>cita</i> [<i>P. caespitosa</i>]	Pag	Sar	ABD

<i>P. colensoi</i> s.l.	Pag	Sar	ABD
<i>P. dipsacea</i> [<i>P. dipsacea</i> and <i>P. cheesemani</i>]	P		BD
<i>P. imbecilla</i>	P	S	AB
<i>P. intrusa</i> [<i>P. kirkii</i> in part]	Pag	(S)	A D
<i>P. kirkii</i>		S	
<i>P. lindsayi</i>	Pag		ABD
<i>P. maniototo</i>			A D
<i>P. matthewsii</i> [<i>P. imbecilla</i> var. <i>matthewsii</i>]	P	S	A
<i>P. novae-zelandiae</i> s.s. [<i>P. novae-zelandiae</i> in part]			A
<i>P. pusilla</i> [<i>P. pusilla</i> and <i>P. seticulmis</i>]			A
<i>P. subvestita</i> [<i>P. novae-zelandiae</i> var. <i>subvestita</i>]	P	(S)	D
<i>P. sp. (c)</i> (aff. <i>P. novae-zelandiae</i> ; sedge plants with narrow lvs) [<i>P. novae-zelandiae</i> in part]	P	(S)	
<i>Pyrrhanthera exigua</i> [<i>Triodia exigua</i>]	(P)		ABD
<i>Rytidosperma australe</i> [<i>Triodia australis</i>]	(P)	S	BD
<i>R. buchananii</i> [<i>Danthonia buchananii</i>]	P	Sar	ABD
<i>R. clavatum</i> [<i>Danthonia pilosa</i> in part]	P	Sar	
<i>R. corinum</i>	Pa	Sa	BD
<i>R. gracile</i> [<i>Danthonia semiannularis</i> in part]	Pag	S	ABD
<i>R. maculatum</i>			ABD
<i>R. marum</i>	(Pac)		
<i>R. pumilum</i> [<i>Triodia pumila</i>]	Pag	Sar	ABD
<i>R. setifolium</i> [<i>Danthonia semiannularis</i> var. <i>setifolia</i>]	(Pa)	S	A
<i>R. thomsonii</i> [<i>Triodia thomsonii</i>]		(Sar)	(B)
<i>R. unarede</i> [<i>Danthonia semiannularis</i> in part]	P	(Sc)	
<i>Trisetum spicatum</i> agg.	(P)		BD
<i>T. youngii</i>			ABD
<i>T. sp. (a)</i> (plants up to 45cm high; culms spreading at base, slender; panicles drooping; lf sheath usually glabrous, occasionally slightly hairy in upper part, with hairs up 0.5mm long; lf blade flat, up to 2.5mm wide, margins smooth, usually with a few hairs near ligule) [<i>T. ant- arcticum</i> in part]	Pag	Sar	AB
<i>T. sp. (b)</i> (described as <i>T. antarcticum</i> ssp. <i>tenellum</i> by Petrie 1912) [<i>T. antarcticum</i> var. <i>tenellum</i>]			ABD

T.sp.© (plants up to 50cm high; culms erect; panicles erect or slightly drooping; lf sheath glabrous in upper part, densely hairy in lower part, with hairs mostly 20-1 mm long; lf blade flat, up to 7mm wide; margins scabrid, with some long hairs near ligule) [T. antarcticum in part]

SEDGES

<i>Baumea rubiginosa</i>		S	
<i>Carex acicularis</i> s.l. (incl. <i>C. allanii</i>)		S	A (D)
<i>C. albula</i>			(D)
<i>C. berggrenii</i>			BD
<i>C. breviculmis</i>	Pag	Sar	ABD
<i>C. buechananii</i>	P		A
<i>C. capillacea</i>			B
<i>C. cirrhosa</i>			(D)
<i>C. colensoi</i>	P	Sar	
<i>C. comans</i>	P	S	(A)
<i>C. coriacea</i>	P	Sar	(A)BD
<i>C. decurtata</i>			B
<i>C. diandra</i>			B(D)
<i>C. dipsacea</i> var. <i>dipsacea</i>	P		(B)
<i>C. dissita</i> s.s.	(P)	S	B
<i>C. echinata</i> var. (a) (incl. <i>C. stellulata</i> var. <i>australis</i>)	(P)	S	BD
<i>C. enysii</i>	Pa		BD
<i>C. flagellifera</i>	P		BD
<i>C. flaviformis</i>	(P)		D
<i>C. forsteri</i>	P		B
<i>C. gaudichaudiana</i>	P	S	(A)BD
<i>C. geminata</i> s.s.	P	S	
<i>C. goyenii</i>	P	(Sg)	(A)
<i>C. inversa</i>	(P)		B
<i>C. kaloides</i>			(A)BD
<i>C. kirkii</i> s.l. (incl. <i>C. kirkii</i> var. <i>elatiör</i>)	(P)	(S)	
<i>C. lachenalii</i> ssp. <i>parkeri</i>			D
<i>C. muelleri</i>			BD
<i>C. ochrosaccus</i>		(Sg)	
<i>C. petriei</i>	(Pag)		ABD

<i>C. pyrenaica</i> var. <i>cephalotes</i>	(P)	(S)	A D
<i>C. resectans</i>		(Sa)	BD
<i>C. rubicunda</i>			BD
<i>C. secta</i> s.s.	Pdg		BD
<i>C. sinclairii</i>	P	Sar	(A)BD
<i>C. solandri</i>	P	S	
<i>C. testacea</i> s.s.	(P)		
<i>C. wakatipu</i> s.s.	Pdg	Sar	BD
<i>Carpha alpina</i> s.s.		Sar	B
<i>Eleocharis acuta</i>	P		(A)BD
<i>E. gracilis</i>	P	(S)	BD
<i>E. pusilla</i>			BD
<i>Isolepis aveklandica</i> [<i>Scirpus aveklandicus</i>]	Pdg	Sar	BD
<i>I. basilaris</i> [<i>Scirpus basilaris</i>]			D
<i>I. caligenis</i> [<i>Scirpus caligenis</i>]	Pdg	Sar	A D
<i>I. habra</i> [<i>Scirpus habrus</i>]	(P)	S	(A)
<i>I. poltsii</i>	P		
<i>Lepidosperma australe</i>		(S)	
<i>Oreobolus pectinatus</i>	P	S	(A)BD
<i>O. strictus</i>	P		
<i>Schoenus concinnus</i> [<i>S. nitens</i> var. <i>concinnus</i>]			BD
<i>S. pauciflorus</i> s.s.	Pdg	Sar	ABD
<i>Uncinia banksii</i>	P	S	
<i>U. caespitosa</i>	(P)	(S)	A
<i>U. clavata</i>	P	S	AB
<i>U. divaricata</i>	Pdg	Sar	ABD
<i>U. drucei</i>			A
<i>U. egmontiana</i>	P	S	
<i>U. elegans</i>	(P)	(Sc)	
<i>U. ferruginea</i>	P	S	
<i>U. filiformis</i>		S	
<i>U. fuscovaginata</i>	Pdg	S	
<i>U. involuta</i>	(P)		
<i>U. laxiflora</i>	P	(Sc)	
<i>U. longifructus</i>			B
<i>U. purpurata</i> s.l. (incl. <i>U. fuscovaginata</i> var. <i>caespitans</i>)			D
<i>U. tubra</i>	P	S	AB(D)

<i>U. rupestris</i> s.l. (incl. <i>U. angustifolia</i>)	P	S	B
<i>U. scabra</i>	P	S	
<i>U. silvestris</i> s.l. (incl. <i>U. affinis</i>)	P	S	
<i>U. sinclairii</i>	P _a		(A) D
<i>U. strictissima</i>	P		
<i>U. uncinata</i>	P	S	AB
<i>U. viridis</i>		(S)	

RUSHES AND ALLIED PLANTS

<i>Centrolepis ciliata</i>		S	
<i>C. pallida</i>		S	B
<i>Juncus antarcticus</i>		Sar	BD
<i>J. australis</i>		S	B
<i>J. distegus</i>	P	(S)	BD
<i>J. gregiflorus</i>	Pag	S	BD
<i>J. novae-zelandiae</i>	Pag	Sar	(A)BD
<i>J. planifolius</i>	P	S	
<i>J. pusillus</i>	(Pag)	(S)	BD
<i>Luzula celata</i>			(BD)
<i>L. leptophylla</i>		(S)	BD
<i>L. migrata</i> [<i>L. banksiana</i> var. <i>migrata</i>]	Pag	S	ABD
<i>L. picta</i> s.s.		S	
<i>L. pumila</i>	P	S	(A)BD
<i>L. rhadina</i> [<i>L. banksiana</i> var. <i>rhadina</i>]			(A) D
<i>L. rufa</i> s.s.	Pag	Sar	ABD
<i>L. subclavata</i> [<i>L. picta</i> var. <i>pallida</i>]	P	(S)	
<i>L. traversii</i> s.s.	Pag	Sar	ABD
<i>L. ulophylla</i>			D
<i>L. sp. (a)</i> [<i>L. picta</i> var. <i>limosa</i>]	Pag	S	ABD
<i>L. sp. (b)</i> [<i>L. crinita</i> var. <i>petricana</i>]			A
<i>L. sp. (c)</i> [<i>L. rufa</i> var. <i>albicomans</i>]	P	Sar	AB
<i>L. sp. (e)</i> (aff. <i>L. rufa</i> but plants rhizomatous and infl. heads smaller) [<i>L. rufa</i> var. <i>rufa</i> in part]	Pag	Sar	ABD
<i>L. migrata</i> X <i>L. rufa</i>	(P)		
<i>Marsippospermum gracile</i>	P	(S)	(B)

MONOCOTYLEDONOUS HERBS OTHER THAN ORCHIDS,GRASSES, SEDGES, RUSHES AND ALLIED PLANTS

<i>Anthropodium candidum</i>	P		(B)
<i>Astelia fragrans</i>	P	S	AB
<i>A. nervosa</i> s.s.	Pag	Sar	AB
<i>A. petrici</i>	P	S	(A) D
<i>Bulbinella angustifolia</i>	P	Sar	BD
<i>Dianella nigra</i>	P		
<i>Heteropogon novae-zelandiae</i>		S	
<i>Iphigenia novae-zelandiae</i>			(B)
<i>Lemna</i> sp. (a) (<i>L. minor</i> auct. N.Z.)	Pag		(B D)
<i>Libertia ixioides</i>	P	(Sc)	(A)
<i>Luzuriaga parviflora</i>			(A)
<i>Phormium cookianum</i>	Pag	Sar	ABD
<i>P. tenax</i> (Allan 1926)	(P)		
<i>Potamogeton cheesemanii</i>	P		(D)
<i>Typha orientalis</i>	P		(B D)

DICOTYLEDONOUS HERBSCOMPOSITES

<i>Abrotanella caespitosa</i>		S	B
<i>Anaphalis</i> sp. (a) (incl. <i>Helichrysum bellidioides</i> s.s.)	Pag	S	ABD
<i>Brachyglottis bellidioides</i> s.s. [<i>Senecio bellidioides</i>]	P		ABD
<i>B. haastii</i> [<i>Senecio haastii</i>]			BD
<i>B. lagopus</i> var. <i>lagopus</i> [<i>Senecio lagopus</i>]	Pag		(B)
<i>B. sp.</i> (d)		Sar	
<i>Brachyscome longiscapa</i> [<i>B. sinclairii</i> in part]			(A)B(D)
<i>B. radicata</i>		(S)	
<i>B. sinclairii</i> s.s. [<i>B. sinclairii</i> in part]	Pag	Sar	BD
<i>Celmisia alpina</i>			BD
<i>C. angustifolia</i>	P	Sar	ABD
<i>C. bellidioides</i>			A
<i>C. densiflora</i> s.l. (incl. <i>C. prorepens</i>)	P	S	
<i>C. glandulosa</i>		S	AB
<i>C. gracilentata</i> ssp. (a) (plants tufted; lvs narrowly linear, with recurved margins)	Pag	Sar	ABD

<i>C. haastii</i> ssp. <i>haastii</i>	P	S	ABD
<i>C. laricifolia</i>	P	S	ABD
<i>C. lyallii</i>	P	Sar	ABD
<i>C. montroi</i> ssp. (a) [<i>C. coriacea</i> var. <i>semicordata</i>]	Pag		A D
<i>C. sessiliflora</i>	P		ABD
<i>C. sinclairii</i> s.l. (incl. <i>C. allanii</i> and <i>C. durietzii</i>)	P		A
<i>C. spectabilis</i> ssp. <i>magnifica</i>	Pag	Sar	BD
<i>C. verbascifolia</i> ssp. <i>verbascifolia</i>			A
<i>C. viscosa</i>	P		B
<i>C. walkeri</i>			A
<i>C. sp. (b)</i> (aff. <i>C. gracilentata</i> but plants strongly rhizomatous)	P	S	ABD
<i>C. gracilentata</i> X <i>C. spectabilis</i>	(P)		
<i>C. lyallii</i> X <i>C. montroi</i>	(P)		
<i>C. lyallii</i> X <i>C. spectabilis</i>	(P)	Sar	BD
<i>C. lyallii</i> X <i>C. verbascifolia</i>			(A)
<i>C. lyallii</i> X <i>C. viscosa</i>	(P)		
<i>C. montroi</i> X <i>C. spectabilis</i>			(D)
<i>C. montroi</i> X <i>C. sp. (b)</i>			(A)
<i>Craspedia lanata</i> s.s. (summer-green plants in dry sites; lvs white, both surfaces densely clad in cottony hairs which mat together to form a felt closely appressed to the lf surface; fls yellow)	Pag		(D)
<i>C. minor</i> var. <i>minor</i>	P		
<i>C. robusta</i> (summer-green plants on wet cliffs, in wet flushes, and in other moist sites; lvs green, both surfaces densely clad in short glandular hairs interspersed with long multicellular, non-glandular hairs without cottony tips; lf margins faintly white with a band of cottony hairs; fls white)			A (D)
<i>C. sp. (j)</i> (summer-green plants on open river terraces; lvs greyish green, both surfaces densely clad in cottony hairs which mat together to form a thin felt closely appressed to the lf surface; fls white)			A

C.sp.(p) (summer-green plants in damp herbfields at margin of fluctuating tarns; lvs green, somewhat glossy, both surfaces densely clad in very short glandular hairs of uniform length, interspersed with scattered long, multicellular, non-glandular hairs with or without cottony tips; lf margins not white, or only faintly so with a thin band of cottony hairs; fls yellow)			B
<i>Dolichoglossis lyallii</i> [<i>Senecio lyallii</i>]	P	S	BD
<i>D. scorzoneroides</i> [<i>Senecio scorzoneroides</i>]			A(B)
<i>Gnaphalium audax</i> [<i>G. collinum</i> in part]	Pag	Sar	ABD
<i>G. delicatum</i>		(S)	
<i>G. ensifer</i>	(P)		B(D)
<i>G. laterale</i>	P	Sar	BD
<i>G. limosum</i> ss.	Pag	S	BD
<i>G. mackayi</i> ss.	P	Sar	(A)BD
<i>G. polylepis</i>	(P)	(Sg)	B(D)
<i>G. ruahinicum</i> [<i>G. collinum</i> in part]	(P)	S	A
<i>G. traversii</i>	(P)	Sar	(A)BD
<i>Haastia sinclairii</i> ss.			BD
<i>Helichrysum filicaule</i>	Pag	Sar	ABD
<i>Kirkianella novae-zelandiae</i> s.s.	(Pc)		(B)D
<i>Lagenifera barketti</i> [<i>L. pumila</i> var. <i>barketti</i>]			B
<i>L. cuneata</i>	Pag	S	BD
<i>L. petiolata</i> [<i>L. pumila</i> var. <i>multidentata</i>]	P	S	BD
<i>L. pinnatifida</i>		S	(B)
<i>L. strangulata</i> [<i>L. petiolata</i>]	P	S	AB
<i>Leptinella atrata</i> ssp. <i>atrata</i> [<i>Cotula atrata</i>]	P	Sg	(A)BD
<i>L. maniotota</i> [<i>Cotula maniotota</i>]			D
<i>L. pectinata</i> ssp. <i>pectinata</i> [<i>Cotula pectinata</i>]	Pag	Sar	BD
<i>L. pectinata</i> ssp. <i>villosa</i> (Lloyd 1972) [<i>Cotula villosa</i>]			(A)
<i>L. pusilla</i> [<i>Cotula perpusilla</i> in part]	(Pa)		ABD
<i>L. pyrethrifolia</i> agg. [<i>Cotula pyrethrifolia</i>]			AB
<i>L. serrulata</i> [<i>Cotula perpusilla</i> in part]	(P)		BD
<i>L.sp.(b)</i> (included in <i>L. squalida</i> , as ssp. <i>mediana</i> , by Lloyd and Webb, 1987) [<i>Cotula squalida</i> in part]	Pag	S	ABD

L.sp.(d)(aff. L.sp.b but pinnae entire or nearly so)			A
L.sp.(f)(aff. L.sp.b but pinnae teeth broadly triangular rather than narrowly triangular)			BD
Leucogeneis grandiceps	P	Sar	A(BD)
L.sp.(a)	P		
L.grandiceps X Raoulia eximia	(P)	(S)	
L.grandiceps X Raoulia mamillaris		(S)	
L.grandiceps X Raoulia subsericea	(P)		
Microseris scapigera	Pag	S	BD
Pseudognaphalium sp.(a)(aff. P. luteoalbum; lvs mostly linear-spathulate to linear, acute) [Gnaphalium luteoalbum in part]	(P)		
P.sp.(b)(aff. P. luteoalbum; lvs mostly oblong spathulate to narrowly oblong, rounded) [Gnaphalium luteoalbum in part]	Pag	S	ABD
Raoulia apicinigra s.s. [R.hookeri var. apicinigra in part]	Pag	(Sa)*	BD
R.australis agg.	Pag	Sar	ABD
R.beauverdii [R.hookeri var. apicinigra in part]	Pc	(Sar)	D
R.eximia var. eximia	P	S	BD
R.glabra		(S)	ABD
R.grandiflora var.(a)(lvs more rigid than in var. grandiflora; tip almost acicular rather than bluntly acute)	Pag	Sar	BD
R.haastii	(Pag)		AB
R.hectorii		S	BD
R.mammillaris		Sar	
R.montoi	Pag	(Sg)	B
R.parkii	(P)	(Sar)	BD
R.subsericea	Pag	Sar	ABD
R.tenuicaulis (incl. R.tenuicaulis var. dimorpha and R.tenuicaulis var. pusilla)	Pag	Sar	ABD
R.youngii			BD
R.sp.(h)(aff. R.haastii)			(A)

*in addition one plant seen in area of rhyolitic rock

<i>R. apicinigra</i> X <i>R. beauverdii</i> (?)			(D)
<i>R. australis</i> X <i>Anaphalis</i> sp.(a)			(B)
<i>R. eximia</i> X <i>R. mammillaris</i>		(S)	
<i>R. eximia</i> X <i>R. subsericea</i>			(D)
<i>R. hectorii</i> X <i>R. subsericea</i> (?)			(D)
<i>R. parkii</i> X <i>R. subsericea</i> (?)			(D)
<i>R. subsericea</i> X <i>Anaphalis</i> sp.(a)		(Pa)	
<i>Senecio dunedinensis</i> [<i>Erechtites diversifolia</i>]		(Sar)	A
<i>S. glomeratus</i> [<i>Erechtites arguta</i> and <i>E. quadridentata</i> var. <i>traversii</i>]	P	(S)	
<i>S. minimus</i> [<i>Erechtites minima</i> var. <i>heterophylla</i> and <i>E. minima</i> var. <i>angustata</i>]	(P)	S	
<i>S. quadridentatus</i> [<i>Erechtites quadridentata</i>]	(Pag)		(A)B
<i>S. wairauensis</i> [<i>Erechtites wairauensis</i>]	Pag	S	ABD
<i>S. sp.(a)</i> (described as <i>S. glaucophyllus</i> ssp. <i>discoideus</i> by Ornduff 1960) ssp. (b)	(Pa)	Sar	ABD
<i>Taraxacum magellanicum</i>	P		A D
<i>Vittadinia australis</i> agg.	Pag	Sa	BD

DICOTYLEDONOUS HERBS OTHER THAN COMPOSITES

<i>Acaena anserinifolia</i> [<i>A. anserinifolia</i> , <i>A. vitidior</i> , and <i>A. pusilla</i>]	Pag	Sar	AB
<i>A. caesiiglauca</i>	Pag	Sar	(A)BD
<i>A. dumicola</i>	P	(Sc)	(A)B
<i>A. fissistipula</i>	P	Sar	ABD
<i>A. glabra</i>	(Pa)	(S)	D
<i>A. inermis</i> [<i>A. inermis</i> , <i>A. microphylla</i> var. <i>robusta</i> , and <i>A. microphylla</i> var. <i>pallideolivacea</i>]	P	Sar	A
<i>A. juvenca</i> [<i>A. anserinifolia</i> in part]	Pag	Sc	ABD
<i>A. profundeincisa</i> [<i>A. anserinifolia</i> var. <i>sericenitens</i> and <i>A. anserinifolia</i> var. <i>paucidens</i>]	Pag	S	ABD
<i>A. saecatocupula</i>			ABD
<i>A. anserinifolia</i> X <i>A. inermis</i>		(S)	A
<i>Aciphylla aurea</i>	Pag	Sar	ABD
<i>A. colensoi</i> var. <i>maxima</i> [<i>A. scott-thomsonii</i>]	Pag	Sar	ABD

<i>A. dobsonii</i>				D
<i>A. montana</i> var. <i>montana</i> s.l. (incl. <i>A. flexuosa</i>)	P	S		ABD
<i>A. subflabellata</i>	(Pag)	(Sa)		D
<i>A. aurea</i> X <i>A. colensoi</i>	(P)			
<i>Actinotis novaezelandiae</i>		S		
<i>Anisotome aromatica</i> [<i>A. aromatica</i> vars. <i>aromatica</i> , <i>flabellifolia</i> , <i>incisa</i> , <i>major</i> , <i>obtusa</i> , and <i>pinnatisecta</i>]	Pag	Sar		ABD
<i>A. filifolia</i>	(Pag)	Sg		BD
<i>A. flexuosa</i> var. <i>flexuosa</i> [<i>A. aromatica</i> var. <i>dissecta</i>]	Pag	Sar		ABD
<i>A. haastii</i>				A
<i>A. lanuginosa</i>				D
<i>A. pilifera</i>				A
<i>Australina pusilla</i>	P			
<i>Callitriche petrici</i> ssp. <i>petrici</i>	P			BD
<i>Cardamine bilobata</i>	Pd	Sar		
<i>C. corymbosa</i> agg.	P	S		ABD
<i>C. sp.(a)</i>	P	S		(B)D
<i>C. sp.(i)</i> ("Scree Race" of Pritchard 1957)	P	S		ABD
<i>C. debilis</i> agg.	Pag	S		AB
<i>C. sp.(c)</i> ("Narrow Petal" of Pritchard 1957)	Pag	S		A(B)
<i>C. sp.(h)</i> (siliques minutely hairy)		(S)		
<i>C.</i> (undetermined plants)	P			
<i>C. sp.(o)</i> (plants in tussock land; lvs simple, blade orbiculate)	(Pa)			
<i>Centella uniflora</i>	(P)	(S)		
<i>Cheesemaniania enysii</i>				(D)
<i>Chionohebe pulvinaris</i> [<i>Pygmea pulvinaris</i>]	P	S		D
<i>Colobanthus acicularis</i>	Pag	(Sar)		ABD
<i>C. apetalus</i> s.l. (incl. <i>C. apetalus</i> var. <i>alpinus</i>)	Pag	(S)		ABD
<i>C. brevisepalus</i>				(A)BD
<i>C. buechananii</i>	P			ABD
<i>C. strictus</i>	(Pag)	(Sar)		ABD

<i>Crassula multicaulis</i> [<i>Tillaea multicaulis</i>]			BD
<i>C. sinclairii</i> [<i>Tillaea sinclairii</i>]	P		BD
<i>C. tetramera</i> [<i>Tillaea sieberiana</i> in part]	Pag	Sa	BD
<i>Dichondra repens</i> agg.	Pag	Sa	(B)
<i>D. brevifolia</i> agg.		(S)	BD
<i>Drosera arcturi</i>	(P)	S	BD
<i>Epilobium alsinoides</i> s.s. [<i>E. alsinoides</i> and <i>E. thymifolium</i>]	P	S	(A)
<i>E. angustum</i> [<i>E. norterooides</i> var. <i>angustum</i>]			BD
<i>E. atriplicifolium</i> s.s. [<i>E. novae-zelandiae</i>]	Pag	Sar	ABD
<i>E. billardiereanum</i> s.s.	(P)		(B)
<i>E. brunnescens</i> s.s. [<i>E. pedunculata</i> var. <i>brunnescens</i>]	Pag	S	
<i>E. chionanthum</i>	(P)		(B D)
<i>E. chlorifolium</i>	Pag	S	AB
<i>E. cinereum</i>	(Pag)		
<i>E. cockayneanum</i>	Pag	Sar	A
<i>E. crassum</i>		Sg	
<i>E. elegans</i>	Pa		(B)
<i>E. glabellum</i> s.s. [<i>E. erubescens</i> and <i>E. glabellum</i>]	P	(S)	ABD
<i>E. hectorii</i> s.s. [<i>E. hectorii</i> and <i>E. simulans</i>]	(Pag)		(BD)
<i>E. hirtigerum</i> (Allan 1927)	(P)		
<i>E. insulare</i>	P	(S)	B
<i>E. komarovianum</i> [<i>E. norterooides</i> and <i>E. norterooides</i> var. <i>minimum</i>]	Pag	S	BD
<i>E. kullleanum</i>	P	(S)	BD
<i>E. linnaeoides</i>	P	S	B
<i>E. maeropus</i>	(Pag)	Sar	ABD
<i>E. melanocaulon</i> [<i>E. melanocaulon</i> , <i>E. melanocaulon</i> var. <i>viride</i> , and <i>E. polyclonum</i>]	Pag	(Sar)	ABD
<i>E. microphyllum</i> [<i>E. microphyllum</i> and <i>E. microphyllum</i> var. <i>prostratum</i>]	Pag	Sar	ABD
<i>E. norterooides</i> [<i>E. pedunculata</i> var. <i>viride</i>]	P	S	B
<i>E. nummulariifolium</i>	Pag	S	
<i>E. pallidiflorum</i>	(P)		
<i>E. pernitens</i>		S	
<i>E. pictum</i>			(A) D
<i>E. porphyrium</i>			D
<i>E. pubens</i> [<i>E. pubens</i> and <i>E. pubens</i> var. <i>strictum</i>]	Pag	S	ABD

<i>E. pycnostachyum</i>	P	Sa*	ABD
<i>E. rostratum</i> [<i>E. rostratum</i> and <i>E. rostratum</i> var. <i>pubens</i>]			BD
<i>E. rotundifolium</i>	P	S	
<i>E. tasmanicum</i>	P	S	(A)BD
<i>E. tenuipes</i> s.s.	Pag	(S)	ABD
<i>E. sp. (a)</i> (included in <i>E. brunnescens</i> , as ssp. <i>minutiflorum</i> , by Raven and Engelhorn, 1971) [<i>E. pedunculata</i> var. <i>minutiflorum</i>]	Pag	S	ABD
<i>E. angustum</i> X <i>E. tenuipes</i> (?)			(B)
<i>E. macropus</i> X <i>E. sp. (a)</i>			(D)
<i>E. pubens</i> X <i>E. sp. (a)</i> (?)		(Sa)	
<i>Euphrasia dyeri</i> s.s.		S	(D)
<i>E. laingii</i>	(P)	S	ABD
<i>E. zelandica</i> agg.	Pag	Sar	ABD
<i>E. sp. (h)</i> (slender plants)	Pag	Sar	ABD
<i>E. sp. (j)</i> (robust plants)			(A)
<i>Forstera tenella</i>	P	Sar	ABD
<i>F. sp. (b)</i> [<i>F. sedifolia</i> in part]	P	S	ABD
<i>Galium perpusillum</i> s.s.	P	(Sg)	ABD
<i>Galium propinquum</i>	(P)	(Sa)	(D)
<i>G. trilobum</i> [<i>G. tenuicaule</i>]	(P)	S	
<i>G. sp. (b)</i> (aff. <i>G. perpusillum</i> ; plants forming moss-like turf, 1-3 cm tall, on damp ground that is periodically inundated; lvs narrowly elliptic, 1-3 mm long, rounded to subacute; stipules slightly narrower and shorter, acute; apical bristles 0-1, rarely 2 or 3; fls c. mm diam., white) [<i>G. perpusillum</i> in part]	(P)		BD

* in addition seen once in area of rhyolitic rock

<i>G. sp. (c)</i> (aff. <i>G. perpusillum</i> ; plants in dry sites, forming cushions or growing interspersed in cushions of other spp.; lvs elliptic to narrowly elliptic, 2-3 mm long, rounded to subacute; stipules distinctly narrower, subacute to acute; lvs and stipules thick and fleshy, papillose and with numerous bristles on apex and upper margins; fls c. 4.5 mm diam, white or with the tips of the corolla lobes tinged pink; corolla tube c. 1 mm long, funnel-form; corolla lobes usually 4, sometimes 3, rarely 5) [<i>G. perpusillum</i> in part]	Pa	Sar	D
<i>Gentiana bellidifolia</i>		S	A
<i>G. corymbifera</i> s.s.	Pag	S	ABD
<i>G. divisa</i> s.l. (incl. <i>G. divisa</i> var. <i>magnifica</i>)			A
<i>G. grisebachii</i>		(S)	(D)
<i>G. sp.</i> (undetermined)			A
<i>Geranium sessiliflorum</i> var. <i>novae-zelandiae</i>	(Pag)	(Sar)	ABD
<i>G. sp. (c)</i> [<i>G. microphyllum</i> var. <i>obtusatum</i> and <i>G. microphyllum</i> var. <i>discolor</i>]	Pag	Sar	A(B)D
<i>Geum leiospermum</i>	Pag	Sar	D
<i>G. sp. (a)</i> (<i>G. parviflorum</i> agg.; stock short; terminal flt about as long as broad; fls up to 13 mm. diam.) [<i>G. parviflorum</i> in part]	Pag	S	ABD
<i>Giugidia decipiens</i> [<i>Angelica decipiens</i>]	(Pag)	Sar	ABD
<i>G. montana</i> [<i>Angelica montana</i>]	P	(Sar)	A(B)
<i>Glossostigma elatinooides</i>			BD
<i>Gonocarpus aggregatus</i> [<i>Haloragis depressa</i>]		S	ABD
<i>G. micranthus</i> ssp. <i>micranthus</i> [<i>Haloragis micrantha</i>]	P	Sar	BD
<i>G. montanus</i> [<i>Haloragis procumbens</i>]	(P)	Sar	
<i>Gratiola sexdentata</i>			B
<i>Gunnera dentata</i> var. <i>dentata</i>	(P)		(A)B
<i>G. monoica</i> [<i>G. monoica</i> , <i>G. albocarpa</i> , and <i>G. strigosa</i>]		S	(D)
<i>Haloragis erecta</i> ssp. <i>erecta</i>	Pag		B
<i>Hydrocotyle elongata</i>	P	S	
<i>H. heteromera</i> [<i>H. americana</i>]	P	S	
<i>H. hydrophila</i> [<i>H. tripartita</i> var. <i>hydrophila</i>]	(P)		BD
<i>H. microphylla</i>	P	S	D

<i>H. moschata</i>	Pag	Sar	(A)BD
<i>H. novae-zeelandiae</i> s.s.	(P)		(D)
<i>H. sulcata</i> [<i>H. tripartita</i> in part]	(P)		(A)BD
<i>H. sp. (a)</i> [<i>H. novae-zeelandiae</i> var. <i>montana</i>]	Pag	S	ABD
<i>Hypericum gramineum</i>	(P)		B
<i>H. japonicum</i> agg.	(P)	(S)	BD
<i>H. sp. (d)</i> (plants rhizomatous, in well-drained sites in tussock land; flowering stems up to 8 cm long, decumbent to erect; lvs on flowering stems larger than those on vegetative stems, narrowly elliptic-oblong, up to 5 x 2 mm in field, 8 x 3 mm in cultivated plants, rounded to subacute; fls 4-6 mm diam.; capsule 3-4 mm long x 1.5-2 mm diam.; illustrated in Moore and Irwin, 1978, p. 17)	(Pa)	(S)	BD
<i>H. (undetermined plants)</i>	(P)	(S)	B
<i>Hypsela rivalis</i>			BD
<i>Ischnocarpus novae-zeelandiae</i>		(S)	
<i>Kelleria croizatii</i> [<i>Drapetes lyallii</i> in part]			D
<i>K. dieffenbachii</i> [<i>Drapetes dieffenbachii</i>]	Pag	Sar	(A)BD
<i>K. laxa</i> [<i>Drapetes laxus</i>]			(A) (D)
<i>K. paludosa</i>		S	B(D)
<i>K. villosa</i> var. <i>villosa</i> [<i>Drapetes villosus</i>]	P		BD
<i>Lignocarpa carnosula</i> [<i>Anisotome carnosula</i>]			B
<i>Lilaeopsis ruthiana</i>			BD
<i>Limosella lineata</i>	(P)		B
<i>Lobelia linnaeoides</i>	(Pag)	S	ABD
<i>L. roughii</i>		Sg	B
<i>Mazus radicans</i>	(P)	(S)	BD
<i>Mentha cunninghamii</i>	(Pag)	S	ABD
<i>Montia fontana</i> s.s.	P		(A)BD
<i>Myosotis forsteri</i>	(P)	(S)	AB
<i>M. macrantha</i>	(Pa)		A
<i>M. suavis</i> (Burrows 1969)			(A)
<i>M. traversii</i> s.l. (incl. <i>M. traversii</i> var. <i>cantabrica</i>)	(P)		BD
<i>M. uniflora</i>			A
<i>M. sp. (e)</i> [<i>M. pygmaea</i> var. <i>drucei</i>]	(Pag)	(S)	D

M. sp. (e) (<i>M. australis</i> agg.; fls yellow)	Pag		ABD
M. sp. (j) (<i>M. pygmaea</i> var. <i>minutiflora</i>)			(B)
M. (undetermined plants)		(S)	(A)
<i>Myosurus minimus</i> ssp. <i>novae-zealandiae</i> [<i>M. novae-zealandiae</i>]			(D)
<i>Myriophyllum pedunculatum</i> ssp. <i>novae-zealandiae</i>			BD
<i>M. propinquum</i>	(P)	(S)	BD
<i>M. triphyllum</i> [<i>M. elatinoides</i>]	(P)		B
<i>Neopaxia</i> sp. (b) (described as <i>Claytonia calycina</i> by Colenso 1896) var. (b) (described as <i>Claytonia australasica</i> var. <i>sessiliflora</i> by Simpson 1952; lvs broader, up to 20 x 3 mm) [<i>Claytonia australasica</i> in part]	P	S	(A)BD
<i>N.</i> sp. (d) (plants forming mats on damp ground that is periodically inundated; lvs filiform, 1-3 cm long; fls 6-8 mm diam.; sepals rounded, margins pale; petals oval, rounded to subacute) [<i>Claytonia australasica</i> in part]	(P)		BD
<i>Nertera balfouriana</i>	P	S	BD
<i>N. ciliata</i>	P	S	D
<i>N. depressa</i> s.l. (incl. <i>N. cunninghamii</i>)	P	S	A
<i>N. setulosa</i>	P	S	(A) D
<i>N.</i> sp. (a) (aff. <i>N. dichondrifolia</i> but hairs present on both surfaces of lf, straight, not hooked) [<i>N. dichondrifolia</i> in part]	(P)	(S)	
<i>Notothlaspi australe</i> s.s. [<i>N. rosulatum</i>]			(B)
<i>Oreomyza hispidula</i> and <i>O. colensoi</i> s.l. (incl. <i>O. colensoi</i> var. <i>hispidula</i> and <i>O. colensoi</i> var. <i>multifida</i>)	P	S	A D
<i>O. ramosa</i> s.s.	Pag	Sar	ABD
<i>O. rigida</i>		(Sa)	(A)BD
<i>O.</i> sp. (c) (aff. <i>O. colensoi</i> ; small bog plants, 4-8 cm diam.; lvs 2-4 cm long; pinnae closely spaced but not overlapping, sessile or very shortly petiolulate, sparsely hirsute; frs ovoid, 2-2.5 mm long, c. 1 mm broad, widest below middle, glabrous)		S	B
<i>O.</i> (undetermined plants up to 15 cm diam. in grassland; lvs delicate, up to 9 cm long; pinnae widely		(S)	

spaced, sessile or very shortly petiolulate, almost glabrous; frs ovoid, c. 2mm long, c. 1.5mm broad, widest below middle)

<i>Ourisia caespitosa</i> ssp.(a) [<i>O. caespitosa</i> var. <i>graeilis</i>]	Pag	S	ABD
<i>O. macrocarpa</i> ssp. <i>calycina</i>			A
<i>O. sessilifolia</i> ssp. <i>splendida</i>			A
<i>O. caespitosa</i> X <i>O. sessilifolia</i>			A
<i>Oxalis exilis</i> [<i>O. corniculata</i> in part]	Pag	S	ABD
<i>O. magellanica</i> f.(a) (common New Zealand form; lvs green, up to 15mm diam.)	P	S	A D
<i>Patahebe birleyi</i> (Buttows 1969, p. 139)			(A) (D)
<i>P. canescens</i>			
<i>P. decora</i>	(Pa)		ABD
<i>P. linifolia</i> ssp. <i>linifolia</i>	(P)		A
<i>P. lyallii</i>	(P)	(S)	ABD
<i>Phyllachne colensoi</i>	P	S	ABD
<i>Plantago lanigera</i> / <i>P. novae-zelandiae</i>	Pag	Sar	A D
<i>P. lanigera</i> s.s.	Pag	Sar	D
<i>P. novae-zelandiae</i>			A
<i>P. obconica</i>		S	BD
<i>P. taoulii</i>	(P)		D
<i>P. spathulata</i> ssp. <i>spathulata</i>	(Pac)	(Sa)	D
<i>P. triandra</i> s.s.	(P)		(A)BD
<i>P. uniflora</i>	(P)	Sar	B
<i>Potentilla anserinoides</i>	P		
<i>Pratia angulata</i> agg.	P	Sar	ABD
<i>P. mactodon</i> s.s.		(Sar)	B
<i>P. perposilla</i>			BD
<i>Psychrophila novae-zelandiae</i> [<i>Caltha novae-zelandiae</i>]			(A)
<i>P. obtusa</i> [<i>Caltha obtusa</i>]	(P)		BD
<i>Ranunculus berggrenii</i> / <i>R. anysii</i>	(P)		(B)
<i>R. brevis</i>			(D)
<i>R. cheesemanii</i> ssp. <i>cheesemanii</i>			BD
<i>R. crithmifolius</i> ssp. <i>crithmifolius</i> [<i>R. crithmifolius</i> and <i>R. chordothisos</i>]	P	(Sar)	BD

<i>R. foliosus</i> / <i>R. royi</i>	Pag	Sar	ABD
<i>R. foliosus</i> [<i>R. foliosus</i> , <i>R. insertus</i> , and <i>R. porrectus</i>]		Sar	A
<i>R. royi</i>	(Pag)		BD
<i>R. glabri-folius</i> [<i>R. hirsutus</i> in part]	P	(S)	BD
<i>R. godleyanus</i>			(A)
<i>R. gracilipes</i> [<i>R. gracilipes</i> and <i>R. sinclairii</i>]	Pag	S	ABD
<i>R. haastii</i> ssp. <i>haastii</i>	(P)		(BD)
<i>R. insignis</i> [<i>R. insignis</i> , <i>R. lobulatus</i> , and <i>R. montoi</i>]	Pag	Sar	
<i>R. limosella</i>			(BD)
<i>R. lyallii</i>			A
<i>R. membranifolius</i> [<i>R. hirsutus</i> in part]	P	S	AB
<i>R. reflexus</i> [<i>R. hirsutus</i> in part]	Pag	S	ABD
<i>R. sericophyllus</i> (Burrows 1969)			(A)
<i>R. sp. (c)</i> (described as <i>R. lappaceus</i> var. <i>macrophyllus</i> by Kirk 1899) [<i>R. lappaceus</i> in part]	Pag	Sa	ABD
<i>R. sp. (i)</i> (plants tufted, up to 35 cm diam.; stems decumbent or ascending; lvs mostly 3-foliolate; flts shallowly to deeply 3-lobed; fls up to 4 per stem, c. 1.5 cm diam.; achenes in globose heads c. 1 cm diam., flattened, with scattered stiff appressed hairs on back; beak hooked)	(P)		(D)
<i>R. gracilipes</i> X <i>R. insignis</i>	(Pag)	(S)	
<i>Rumex flexuosus</i>	P		BD
<i>Schizeilema hydrocotyloides</i>	P		
<i>S. nitens</i>	(Pag)		(A)B
<i>S. pallidum</i>	(P)	(S)	BD
<i>S. trifoliolatum</i>		(S)	B
<i>S. sp. (a)</i> [<i>S. haastii</i> var. <i>cyanopetalum</i>]	P		A D
<i>Scleranthus brockiei</i>	P	Sar	ABD
<i>S. uniflorus</i>	Pag	Sar	ABD
<i>Selliera microphylla</i> [<i>S. radicans</i> in part]			(D)
<i>Stackhousia minima</i>		S	BD

<i>Stellaria decipiens</i> s.l. (incl. <i>S. parviflora</i>)	Pag	Sar	(A) D
<i>S. gracilentata</i>	Pag	Sa	ABD
<i>S. tooghii</i>	P		
<i>Urtica aspera</i>			D
<i>U. incisa</i>	P	S	(A)
<i>Utricularia novae-zelandiae</i>	(P)	S	BD
<i>Viola cunninghamii</i>	Pag	Sar	ABD
<i>V. filicaulis</i>	P	S	
<i>V. lyallii</i>			A
<i>Wahlenbergia albomarginata</i> var. <i>albomarginata</i>	Pag	Sar	ABD
<i>W. colensoi</i>		(Sar)	
<i>W. tupestis</i>	Pa	(S)	BD

DOUBTFUL AND ERRONEOUS RECORDS NOT INCLUDED IN MAIN LISTRECORDPROBABLE IDENTITY OF PLANT
ON WHICH RECORD BASEDDICOTYLEDONOUS TREES AND SHRUBS

Brachyglottis rotundifolia var. (incl. B. elaeagnifolia) (Allan 1926 and Burrows 1977, as Senecio elaeagnifolius)	Brachyglottis rotundifolia var. (a)
Carmichaelia cunninghamii var. (incl. C. flagelliformis) (Allan, 1926 and 1927, as C. flagelliformis)	Carmichaelia cunninghamii var. (a)
"C. subulata" (Allan, 1926 and 1927)	C. cunninghamii var. (a)
Coprosma cuneata (Allan 1926)	Coprosma sp. (d)
C. parviflora (many authors)	C. sp. (a)
C. repens (Allan 1927)	C. perpusilla ssp. perpusilla
C. "dumosa" (Burrows 1977)	
"Coriaria lurida" (Allan 1927)	Coriaria plumosa
Dracophyllum longifolium var. (incl. D. urvilleanum) (Allan 1926, as D. urvilleanum)	Dracophyllum longifolium var. longifolium
"D. tosmariniifolium" (Allan, 1926 and 1927)	D. pronum
Gaultheria rupestris (Allan, 1926 and 1927; Kelly 1972)	Gaultheria crassa
"Hebe latiphylla" (Allan 1926)	Hebe traversii
H. odora (many authors)	H. anomala
"H. x kirkii" (Allan, 1926 and 1927)	H. salicifolia x H. traversii
Oleaia virgata (many authors)	Oleaia bullata
Pittosporum colensoi var. (?) (Allan 1927)	

DICOTYLEDONOUS LIANES

Clematis quadribracteolata (Thompson 1978)	Clematis marata (?)
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RECORDPROBABLE IDENTITY OF PLANT
ON WHICH RECORD BASED

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FERNS

Asplenium bulbiferum (Allan
1926; Kelly 1972)

Asplenium gracillimum

Cyathea cunninghamii (Allan,
1926 and 1927)

Lastreopsis velutina (Thomp-
son 1978)

MONOCOTYLEDONOUS HERBSORCHIDS

Pterostylis cf. australis
(Burrows 1977)

Pterostylis oliveri(?)

P. tristis (Thompson 1978, as *P.*
mutica)

P. sp. (a)(?)

GRASSES

Agrostis subulata (Allan 1927;
Molloy and Campbell, 1978)

Agrostis muelleriana

"*Arundo conspicua*" (Allan 1927)

Cortaderia richardii

Chionochloa flavescens (Allan
1927, as *Danthonia flavescens*)

Chionochloa rigida

Trisetum antarcticum (Allan
1926)

Trisetum sp. (a)

SEDGES

Carex taoulii (Allan 1927)

Carex goyanae

C. ternaria (Allan 1927)

C. coriacea and/or *C. geminata*

Isoplepis inundata (Allan 1926,
as *Scirpus inundatus*)

DICOTYLEDONOUS HERBSCOMPOSITES

Celmisia coriacea (Allan 1927;
Burrows 1969; Kelly 1972)

Celmisia montoi ssp. (a)

"*C. discolor*" (Allan 1927; Kelly
1972)

C. sinclairii(?)

RECORDPROBABLE IDENTITY OF PLANT
ON WHICH RECORD BASED

" <i>C. incana</i> var?, possibly sp. nov." (Allan 1927)	<i>C. sinclairii</i> (?)
<i>C. coriacea</i> x <i>C. lyallii</i> (Allan 1927)	<i>C. montoi</i> x <i>C. lyallii</i>
<i>Craspedia</i> ? <i>incana</i> (Metcalf and Molloy, 1974)	<i>Craspedia lanata</i>
<i>C. uniflora</i> (Thompson 1978)	
" <i>C. uniflora</i> woolly form near akin to <i>C. alpina</i>) (Allan 1927)	<i>C. lanata</i>
" <i>C. alpina</i> " (Allan 1927)	<i>C. lanata</i>
" <i>Helichrysum grandiflorum</i> " (Allan 1927)	<i>Raoulia grandiflora</i>
<i>Lagenifera pumila</i> (Thompson 1978)	<i>Lagenifera barketti</i> (?)
<i>Leptinella squalida</i> (Allan 1926, as <i>Cotula squalida</i>)	<i>Leptinella</i> sp. (b)
<i>Leucogenes leontopodium</i> (Allan, 1927 and 1961)	<i>Leucogenes</i> sp. (a)

DICOTYLEDONOUS HERBS OTHER THANCOMPOSITES

<i>Acaena microphylla</i> (Allan 1927)	<i>Acaena inermis</i>
<i>Aciphylla montoi</i> (Allan 1927; Harrington et al. 1986)	<i>Aciphylla montana</i>
<i>A. squarrosa</i> (Allan 1927)	<i>A. subflabellata</i>
<i>Cardamine depressa</i> (Allan 1927)	<i>Cardamine</i> sp. (i) (?)
<i>Crassula sieberiana</i> (Allan 1927, as <i>Tillaea sieberiana</i>)	<i>Crassula tetramera</i>
<i>Euphrasia montoi</i> (Allan 1927)	<i>Euphrasia laingii</i>
<i>E. revoluta</i> (Harrington 1986)	
<i>Forstera bidwillii</i> (Allan, 1926 and 1927; Kelly 1972; Molloy and Camp- bell, 1978; Thompson 1978)	<i>Forstera tenella</i> and/or <i>F. sp. (b)</i>
<i>F. sedifolia</i> (Druce and Molloy, 1985)	<i>F. sp. (b)</i>

RECORDPROBABLE IDENTITY OF PLANT
ON WHICH RECORD BASED

Geranium microphyllum (Druce *Geranium* sp. (c)
and Molloy, 1985)

Myosotis pygmaea (Allan 1927) *Myosotis* sp. (c)

Nertera dichondrifolia (Allan 1926; Kelly 1972) *Nertera* sp. (a)

N. dichondrifolia (Allan 1927) *N. setulosa*

Plantago triantha (Allan 1927, as *P. brownii*) *Plantago lanigera* and/or *P. novae-zelandiae*)

Ranunculus multiscapus (Allan 1927) *Ranunculus* sp. (c)

"*R. rivularis*" (Allan, 1926 and 1927; Thompson 1978) *R. glabrifolius*

"*Schizilema hookeri*" (Allan 1926) *Schizilema pallidum*

Scleranthus biflorus (Allan 1927; Thompson 1978) *Scleranthus brockiei* and/or *S. uniflorus*

Wahlenbergia gracilis (Allan 1927; Thompson 1978) *Wahlenbergia rupestris*

Note: *Phymatosorus scandens* collected by H.H. Allan (CHR 2295) may not have come from Lynn Stm as indicated on the label, for the species is not otherwise known from the eastern foothills of S Canterbury.

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