

JCA

Trip No 33

New Zealand

5th February - 12th February 2000

JCA16600 – 16649

8 FEBRUARY, 2000 : NEW ZEALAND : SOUTH ISLAND

16,600	<i>Haastia pulvinaris</i>	} Marlborough, W of Seddon, Black Birch Range }
601	<i>Ranunculus eximius</i>	
602	<i>Ranunculus pumila</i>	
603	"	
604	"	
605	<i>Ranunculus insignis</i>	
606	<i>Celmisia sessiliflora</i>	
607	<i>Celmisia spectabilis</i>	
608	<i>Ranunculus grandiflora</i>	
609	<i>Gentiana</i>	
610	"	
611	"	
612	<i>Aciphylla</i>	
613	"	
614	"	

Among fragmented rock along exposed ridge top

Seed immature P
In fruit PS
" S red fruits
" S
" & flower S
Seed immature O
" P
White P

Subalpine grassland on steep open slopes.

Seed immature P 2 m.

9 FEBRUARY, 2000 : NEW ZEALAND

16,615	<i>Astelia cockaynei nervosa</i>	} Nelson SW of Lewis Pass }
616	<i>Phormium colensoi cookianum</i>	
617	<i>Gaultheria depressa</i>	

950 m. Open rocky areas on steep slopes in *Nothofagus* zone
" " " " " " " " " " " "

In fruit : orange : S
In fruit S
In fruit : white fruits : S

10 FEBRUARY, 2000 : NEW ZEALAND

16,618	<i>Gentiana corymbifera</i>	} Nelson,
619	<i>Celmisia discolor</i>	
620	<i>Cyathodes colensoi</i>	
621	"	"
622	"	"
623	<i>Gentiana? corymbifera</i>	} Nelson,
624	<i>Celmisia gracilentia</i>	
625	"	"
626	<i>Epilobium pycnostachyum</i>	} Nelson,
627	<i>Notothlaspi rosulatum</i>	
628	<i>Sobelia toughii</i>	"
629	<i>Stellaria toughii</i> [<i>Lignocarpa</i>]	"
630	(<i>Anisotome</i>) (<i>Aciphylla</i>) <i>camosula</i>	"
631	<i>Myosotis</i>	"
632	<i>Wahlenbergia castalaginica</i>	"
633	<i>Cotula (atrata) dendyi</i>	"
634	"	"
635	<i>Helichrysum</i>	"

± 30 cm. high P
Mat-forming; grey-backed leaves S
Orange fruits

Among grass & sphagnum tussocks in marshy ground

White S few
White O

Loose talus & highly mobile stone slides on steep slopes

White; pinkish O
In fruit SP
White; in fruit SP
Seed immature P
In fruit SP
" S
White; pale lilac-blue PS
Seed dispersed O

Crevices on outcropping igneous rock

P

11 FEBRUARY, 2000 : NEW ZEALAND : SOUTH ISLAND

- 16,636 *Celmisia semicordata*
- 637 *Celmisia discolor*
- 638 *Bulbinella*
- 639 *Asplenium*
- 640
- 641

Canterbury,
Jack's Pass

12 FEBRUARY, 2000

- 16,642 *Wahlenbergia*
- 643 *Hebe*
- 644 *Claspedia incana*
- 645 *Sigmacarpa carnosula*
- 646
- 647
- 648

Canterbury,
Porters Pass

15 FEBRUARY, 2000

- 16,649 *Anisotome*
- Phyllocladus*

Central Otago
Pisa Range

Gentiana divisa

- Ranunculus pachyrrhizus*
- Ranunculus*
- Gentiana amabilis*
- Clivisia sessilifolia*
- Viola cunninghamii*

Aciphylla aurea

16 FEBRUARY, 2000 : NEW ZEALAND : SOUTH ISLAND

Central Otago: