

## **Plant species List of Erua wetland, riparian forest and scarp, part of Erua Conservation Area, 60097**

### **File number: DOCDM–392501**

This list incorporates all vascular plants found west of SH 4 and the top of the Erua fault scarp, east of Erua Road including the wetland, alluvial terraces, fault scarp and talus slope

This list is incorporates several lists of indigenous vascular plants over many years.

- Ecroyd and Bergin (1981). Ecroyd and Bergin cover the area from N111/885722 on the Erua road in the north to N111/870705 at the southern end of the wetland, including the eastern side of the Waimarino River.
- Druce and Ogle (1982) cover the area between the Erua road on the west and Waimarino river on the east, from Erua road (NZMS 1, N111/881723) in the north to N121/865696 in the south, and include species in the large wetland, as well as the native forest near the road.
- Data from C.E. Ecroyd and B.N Spring-Rice 1992, 1994 and 1995 plot records from block A. Block A is the northern stand of *Pinus ponderosa*, east of the Waimarino River to the “White horse” forestry access road and S.H.4.
- Additions to block A, next to the Waimarino River and adventives from December 1998 by N.J.D. Singers and Cate P. Ryan φ
- Additions by C.C. Ogle, and N.J.D. Singers 11<sup>th</sup> January 2002 φ
- Additions by C.C. Ogle, N.J.D. Singers and R.B. Whyman February 3<sup>rd</sup> 2003 #
- Additions by C.C. Ogle, P. de Lange and Nicholas Singers 14<sup>th</sup> and 16<sup>th</sup> February 2005 ¥
- Additions by Nicholas Singers, 9<sup>th</sup> January 2009 J.

Revision with common names sourced from Nicol 1997 and abundance rankings added, by N.J.D. Singers 1999, 2002 and thereafter for new records.

Numbers in brackets after species refer to voucher specimens held in various herbarium except e.g. FRI is for New Zealand forest Research herbarium, CHR is for Landcare Lincoln and AK is for Auckland Museum.

### **Vegetation types**

- (moribund *Pinus ponderosa*) / mountain toatoa – *Coprosma* sp. t: “taylorae” (Eagle, 1982) – *Coprosma propinqua* subsp. *propinqua* (found within block A)
- wire rush – tanglefern – baumea peat bog
- flaxland
- Riverine toatoa – silver pine / divaricating shrubs
- Matai – Hall’s totara – pahautea on fault scarp

### **Abundance rankings**

Species abundance was quantified subjectively using the following abundance key.

r = rare

u = uncommon



Scientific name	Common name		A/*
<i>Coprosma wallii</i> (FRI 10982; CHR ...; NZFRI ....)		A	o
<i>Coprosma</i> sp. t. "taylorae" (Eagle, 1982)		A	c
<i>Coriaria arborea</i> #	tutu		l
<i>Coriaria pteridoides</i> #	small leaved tutu		l
<i>Corokia cotoneaster</i>	small leaved korokio	A	c
<i>Dracophyllum longifolium</i> (FRI 21547) (incl. <i>D. filifolium</i> )	inanga	A	la
<i>Elaeocarpus hookerianus</i>	pokaka	A	o
<i>Gaultheria antipoda</i>	snowberry	A	o
<i>Gaultheria</i> sp. (unnamed; <i>G. depressa</i> var. <i>novae-zelandiae</i> )	creeping snowberry	A	p
<i>Gaultheria paniculata</i>	gautheria	A	p
<i>Griselinia littoralis</i>	broadleaf, papauma	A	c
<i>Hebe parviflora</i>	tree hebe		o
<i>Hebe odora</i> (FRI 10932)	mountain koromiko		u
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko	A	o
<i>Hebe venustula</i> (FRI 21539)	mountain koromiko		u
<i>Hoheria populnea</i> var. <i>lanceolata</i> ✕	houhere, lacebark		r
<i>Kunzea ericoides</i>	kanuka, tea tree	A	p
<i>Leptecophylla juniperina</i> ✕	prickly mingimingi		u
<i>Leptospermum scoparium</i>	manuka, tea tree	A	o
<i>Leucopogon fasciculatus</i>	mingimingi	A	p
<i>Leucopogon fraseri</i> agg.	patotara	A	p
<i>Melicope simplex</i>	poataniwha	A	o
<i>Melicytus flexuosus</i> (FRI 11902)	leafless mahoe	A	o
<i>Melicytus lanceolatus</i>	mahoe-wao	A	o
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe		u
<i>Myrsine divaricata</i> s.s.	weeping mapou	A	c
<i>Myrsine salicina</i>	toro		u
<i>Neomyrtus pedunculatus</i>	mountain rohutu	A	p
<i>Nestegis cunninghamii</i>	black maire	A	l
<i>Nestegis lanceolata</i>	white maire	A	l
<i>Nothofagus fusca</i>	red beech		l
<i>Nothofagus solandri</i> var. <i>cliffortioides</i>	mountain beech		l
<i>Nothofagus solandri</i> var. <i>solandri</i> ✕	black beech		u
<i>Olearia arborescens</i>	tree daisy		l
<i>Olearia arborescens</i> x <i>O. capillaris</i>			u
<i>Olearia quinquevulnera</i> (FRI 10952)			lc
<i>Olearia virgata</i>	twiggy tree daisy	A	lc
<i>Ozothamnus leptophyllus</i>	tauhinu		p
<i>Pennantia corymbosa</i>	kaikomako, duck's foot		u
<i>Pittosporum tenuifolium</i> var. <i>colensoi</i> (FRI 964)	kohuhu	A	o
<i>Pittosporum turneri</i> FRI 20022)	Turner's kohuhu	A*	la
<i>Plagianthus regius</i>	ribbonwood		l
<i>Pseudopanax colensoi</i>	mountain five-finger		o
<i>Pseudopanax crassifolius</i>	lancewood, whauwhaupaka	A	a
<i>Pseudopanax laetus</i>			l
<i>Pseudowintera colorata</i>	horopito, pepper tree	A	o

Scientific name	Common name		A/*
<i>Raukaua anomalus</i>		A	a
<i>Raukaua anomalus</i> x <i>R. simplex</i>		A	u
<i>Raukaua simplex</i>	haumakaroa	A	o
* <i>Salix cinerea</i> ϕ	greywillow	A	p
* <i>Salix fragilis</i>	crackwillow		p
<i>Schefflera digitata</i>	pate	A	l
<i>Weinmannia racemosa</i> var. <i>racemosa</i>	kamahi	A	o
<b>Dicot lianes</b>			
<i>Clematis foetida</i> ¥			u
<i>Clematis paniculata</i>	clematis, puawhanganga	A	p
<i>Clematis quadribracteolata</i>		A	p
* <i>Lonicera periclymenum</i> <sup>1</sup>	English honeysuckle		r
<i>Muehlenbeckia australis</i>	pohuehue		l
<i>Parsonsia capsularis</i>	N.Z. jasmine	A	p
<i>Rubus australis</i> ϕ	bush lawyer, tataramoa	A	r
<i>Rubus cissoides</i> var. (narrow-leaved)	bush lawyer, tataramoa	A	c
<i>Rubus schmideloides</i> var. <i>schmideloides</i>	bush lawyer, tataramoa	A	c
<b>Psilopsids and lycopods (fern allies)</b>			
<i>Tmesipteris tannensis</i>			u
<i>Huperzia australiana</i> (FRI 11077)	clubmoss		l
<i>Huperzia varia</i>	clubmoss		p
<i>Lycopodiella laterale</i> (incl. <i>L. ramulosum</i> )	clubmoss		p
<i>Lycopodium fastigiatum</i>	clubmoss	A	o
<i>Lycopodium scariosum</i>	clubmoss	A	u
<i>Lycopodium volubile</i>	climbing clubmoss	A	p
<b>Ferns</b>			
<i>Asplenium flabellifolium</i>		A	u
<i>Asplenium flaccidum</i> ssp. <i>flaccidum</i>	hanging spleenwort	A	o
<i>Asplenium polyodon</i>	sickle spleenwort		p
<i>Blechnum chambersii</i> #			u
<i>Blechnum colensoi</i>	kiokio		l
<i>Blechnum discolor</i>	crown fern, piopio	A	lc
<i>Blechnum fluviatile</i>	kiwakiwa, ray water fern	A	c
<i>Blechnum membranaceum</i>		A	l
<i>Blechnum minus</i> (of N.Z. authors)	swamp kiokio		
<i>Blechnum novae-zelandiae</i>	kiokio	A	u
<i>Blechnum pennamarina</i>	alpine hard fern	A	a
<i>Blechnum procerum</i>	small kiokio	A	c
<i>Blechnum vulcanicum</i>	mountain hard fern, kiokio	A	p
<i>Botrychium australe</i>	parsley fern, patotara	A	u
<i>Botrychium bifforme</i> (FRI 7991)	parsley fern, patotara		u
<i>Cyathea colensoi</i>	mountain tree fern		p
<i>Dicksonia fibrosa</i>	wheki-ponga	A	o
<i>Dicksonia lanata</i>	prostrate wheki		p
<i>Dicksonia squarrosa</i>	wheki	A	l

<sup>1</sup> Growing amongst flax along Waimarino Stream. Was sprayed on the 9<sup>th</sup> January 2009.

Scientific name	Common name		A/*
<i>Gleichenia dicarpa</i> var. <i>alpina</i> (FRI 7999)	tangle fern	A	la
<i>Grammitis billardierei</i>		A	p
<i>Grammitis magellanica</i> ssp. <i>nothofageti</i> (FRI 21538)		A	c
<i>Histiopteris incisa</i>	water fern	A	c
<i>Hymenophyllum bivalve</i>	filmy fern		p
<i>Hymenophyllum demissum</i>	filmy fern		l
<i>Hymenophyllum flabellatum</i>	filmy fern		p
<i>Hymenophyllum malingii</i> ‡	filmy fern		u
<i>Hymenophyllum multifidum</i>	filmy fern		c
<i>Hymenophyllum pulcherrimum</i>	filmy fern		u
<i>Hymenophyllum rarum</i>	filmy fern		p
<i>Hymenophyllum revolutum</i>	filmy fern		p
<i>Hymenophyllum sanguinolentum</i>	filmy fern		p
<i>Hypolepis millefolium</i>	thousand leaf fern		c
<i>Leptopteris hymenophylloides</i>	crepe fern	A	p
<i>Leptopteris superba</i>	Prince of Wales' feathers	A	p
<i>Ophioglossum coriaceum</i> (FRI 20150)	adders tongue		l
<i>Paesia scaberula</i>	scented fern, ring fern	A	lc
<i>Microsorium novae-zelandiae</i>	hounds tongue		u
<i>Microsorium pustulatum</i>	hounds tongue		p
<i>Polystichum silvaticum</i> ‡			l
<i>Polystichum vestitum</i>	scaly fern	A	c
<i>Pteridium esculentum</i>	bracken fern		l
<i>Schizaea australis</i>	comb fern		p
<i>Sticherus cunninghamii</i>	umbrella fern		la

### Orchids

<i>Adenochilus gracilis</i> ‡			u
<i>Aporostylis bifolia</i>	odd-leaved orchid		o
<i>Chiloglottis cornuta</i>	green bird orchid		o
<i>Corybas trilobus</i> agg.	spider orchid		o
<i>Gastrodia</i> sp. (unidentified; poss. <i>G.</i> "long column") ‡			u
<i>Microtis oligantha</i> ? ‡	onion-leaved orchid		r
<i>Orthoceras novaezelandiae</i> †		A	u
<i>Prasophyllum hectorii</i> (FRI 21535, 22108)	swamp leek orchid		u
<i>Pterostylis</i> sp. (prob. <i>graminea</i> ) †	greenhood		p
<i>Pterostylis patens</i> (FRI 11903)	greenhood		c
<i>Pterostylis</i> sp. aff. <i>P. montana</i>	greenhood		o
<i>Pterostylis irwinii</i>	greenhood		r
<i>Pterostylis micromega</i> <sup>2</sup>	swamp green hood		
<i>Thelymitra cyanea</i>	striped sun orchid		l
<i>Thelymitra hatchii</i> ‡ <sup>3</sup>	sun orchid		u
<i>Thelymitra longifolia</i>	white sun orchid	A	u

### Grasses

<sup>2</sup> This species was collected by H.B. Mathews from Tongariro, Erua and Erua – Waimarino in December 1920. Grid references may not be accurate however one is within "block A".

<sup>3</sup> This species occurs on a bare volcanic clay forestry skid site and track in the western area where *Pinus contorta* was removed in 1993.

Scientific name	Common name		A/*
* <i>Agrostis capillaris</i>	browntop		u
* <i>Anthoxanthum odoratum</i>	sweet vernal		p
<i>Chionochloa rubra</i>	red tussock	A	l
<i>Cortaderia fulvida</i>	toetoe	A	la
* <i>Dactylis glomerata</i>	cocksfoot		p
<i>Deyeuxia avenoides</i> (incl. <i>D.a.</i> var. <i>brachyantha</i> )	mountain oat grass		lc
<i>Deyeuxia</i> aff. <i>quadriseta</i>			o
<i>Deschampsia caespitosa</i> † (CHR603267)			r
<i>Hierochloa redolens</i>	holy grass	A	lc
* <i>Holcus lanatus</i>	Yorkshire fog		p
<i>Microlaena avenacea</i>	bush rice grass, oat grass	A	c
<i>Poa anceps</i> var. <i>anceps</i> (CHR565698)	broad leaf poa		la
<i>Poa pusilla</i> # (CHR565706)			u
<i>Rytidosperma gracile</i>		A	c
* <i>Schedonorus phoenix</i>	tall fescue		la
<i>Stenostachys gracilis</i> (CHR565708)	blue wheat grass		u

### Sedges

<i>Baumea rubiginosa</i>		A	la
<i>Baumea tenax</i>			lc
<i>Carex capillacea</i> † (CHR549828)			r
<i>Carex carsei</i> # (CHR565703)			r
<i>Carex coriacea</i>	cutty grass		p
* <i>Carex demissa</i> #			l
<i>Carex dipsacea</i>			p
<i>Carex dissita</i>			p
<i>Carex echinata</i>	star sedge		l
<i>Carex flagellifera</i>	Glen Murray tussock		p
<i>Carex geminata</i> s.s. †			l
<i>Carex lessoniana</i> #	cutty grass		la
<i>Carex maorica</i> #			l
<i>Carex secta</i> s.s.	niggerhead, pukio	A	o
<i>Carex sinclairii</i> (and/or <i>C. gaudichaudiana</i> ) <sup>4</sup> †			l
<i>Carex tahoata</i>			p
<i>Carpha alpina</i> (FRI 11116)		A	lc
<i>Eleocharis gracilis</i>	slender spike sedge		l
<i>Gahnia procera</i>	giant sedge		u
<i>Isolepis crassiuscula</i>			l
<i>Isolepis distigmata</i> † (AK289615)			u
<i>Isolepis fluitans</i>			p
<i>Isolepis habra</i> # (CHR 565708)			p
<i>Isolepis inundatus</i> † (AK289617)			u or r
<i>Isolepis pottsii</i> †			u
<i>Isolepis reticularis</i> † (CHR572272; AK289481)			o

<sup>4</sup> A few plants seen among shrubs and sparse harakeke; with pedunculate spikes and seemed too tall for *C. gaudichaudiana*. Did PdL collect this for AK?

Scientific name	Common name		A/*
<i>Isolepis subtilissima</i>			l
<i>Lepidosperma australe</i>	square stemmed sedge	A	c
<i>Schoenus maschalinus</i> #			l
<i>Schoenus pauciflorus</i> (slender form) (see Moore and Edgar 1970, p. 194)	bog rush, sedge tussock		p
<i>Uncinia affinis</i> ¥			
<i>Uncinia banksii</i> ¥			r
<i>Uncinia clavata</i> ¥			u
<i>Uncinia fuscovaginata</i> var.(glaucous) (CHR565700)	hook grass		l
<i>Uncinia gracilentia</i>	hook grass	A	u
<i>Uncinia laxiflora</i> (565702) <sup>5</sup>	hook grass		p
<i>Uncinia obtusifolia</i> ¥ (CHR 572270)	hookgrass		u
<i>Uncinia scabra</i> ¥			
<i>Uncinia rupestris</i> ¥ (CHR 572271)	hook grass		c
<i>Uncinia uncinata</i>	hook grass	A	lc
<i>Uncinia zotovii</i> (AK..)	hook grass		o
<i>Uncinia</i> sp. <sup>6</sup> (CHR565699)	hook grass		l
<b>Rushes and allied plants</b>			
<i>Centrolepis ciliata</i>			l
<i>Empodisma minus</i>	wire rush	A	la
* <i>Juncus articulatus</i> ¥	jointed-leaved rush		u?
* <i>Juncus bulbosus</i> ¥	bulbous rush		lc
<i>Juncus distegus</i> ¥			u
<i>Juncus edgariae</i>	leafless rush		p
* <i>Juncus fockei</i> ¥			u
<i>Juncus novae-zelandiae</i> ¥¥			u
<i>Luzula subclavata</i>	wood rush		o
<b>Monocots herbs (other than orchids, grasses, sedges, rushes and allied plants)</b>			
<i>Arthropodium candidum</i>			p
<i>Astelia fragrans</i>	kakaha	A	o
<i>Astelia grandis</i>	swamp astelia	A	lc
<i>Astelia</i> sp. (unnamed; aff. <i>A. nervosa</i> ) (leaves not conspicuously white adaxially)		A	p
<i>Collospermum microspermum</i>			l
* <i>Crocoshia × crocosmiiflora</i>	montbretia		lc
<i>Lemna minor</i> #	duckweed		l
<i>Libertia grandiflora</i> φ	N.Z. iris	A	l
<i>Libertia ixioides</i> ¥	NZ iris		r
* <i>Lillium tigrinum</i>	Tiger lily		r
<i>Luzuriaga parviflora</i>	lantern berry		u
<i>Phormium tenax</i>	flax, harakeke	A	la
<i>Potamogeton suboblongus</i> (FRI 21542)	mud pond weed	A	l
<i>Triglochin striatum</i> (FRI 21579)	arrow grass		l

<sup>5</sup> This specimen should be checked – it might be same as '*Uncinia* sp. CHR 565699 (below)

<sup>6</sup> Specimen CHR565699 from Feb 2003 could not be identified for certain by Landcare Research staff; live material was collected Feb 2005 and sent to Dr Peter Heenan to grow

Scientific name	Common name		A/*
<b>Composite herbs</b>			
<i>Anaphalioides trinervis</i> #	everlasting daisy		l
<i>Celmisia</i> sp. ( <i>C. setacea</i> ?) Bog sp. with rhizomes)		A	l
* <i>Cirsium arvense</i> φ	California thistle		p
* <i>Cirsium palustre</i> φ	marsh thistle		l
* <i>Cirsium vulgare</i> ¥	Scotch thistle		u
<i>Craspedia</i> aff. minor (unnamed, peat bog)	woollyhead	A	lc
<i>Craspedia</i> minor s.s.#	woollyhead	A	l
<i>Euchiton audax</i>	cudweed		p
<i>Euchiton involucrata</i>	cudweed		p
<i>Euchiton limosa</i>	creeping cudweed		p
<i>Helianthus tuberosus</i> ¥	Jerusalem artichoke		r
<i>Helichrysum filicaule</i> ¥			l
* <i>Hieracium pilosella</i> ¥	mouse-eared hawkweed		u
<i>Lagenifera pinnatifida</i> ¥			o?
<i>Lagenifera strangulata</i>	parani	A	c
<i>Leptinella squalida</i> (FRI 20519)			p
<i>Senecio minimus</i>	fireweed		p
<i>Senecio wairauensis</i>	fireweed		p
* <i>Sonchus aspera</i> φ	prickly sowthistle		p
<b>Dicot herbs</b>			
<i>Acaena anserinifolia</i>	bidbidi, piripiri	A	c
<i>Aciphylla</i> aff. <i>A. squarrosa</i>	spaniard, speargrass	A	u
* <i>Aquilegia vulgaris</i> φ	columbine		u
<i>Cardamine</i> sp. (a) (cf. <i>C. corymbosa</i> ) (FRI 11906)			p
<i>C.</i> sp. (b) ( <i>C. debilis</i> agg.) ("Long Style" of Pritchard 1957)			o
<i>C.</i> sp. (c) ( <i>C. debilis</i> agg.) <sup>7</sup> (CHR .....			p
* <i>Cerastium fontanum</i> ¥	mouse-ear chickweed		u
<i>Dactylanthus taylorii</i> (uncommon)	pua-o-te-reinga, wood rose		u
<i>Drosera binata</i>			u
<i>Drosera spathulata</i>			l
<i>Galium trilobum</i> (CHR565705)			p
<i>Gentianella chathamica</i> ssp. <i>nemorosa</i> ¥	forest gentian?		o
<i>Gentianella grisebachii</i> (FRI 20149) <sup>8</sup>	marsh gentain		l
<i>Geranium</i> aff. <i>microphyllum</i>	small leaved cranesbill	A	p
<i>Epilobium nerteroides</i> #	small leaved willowherb		l
<i>Epilobium pedunculare</i> (small-leaved form)	long-stalked willowherb		u
<i>Gonocarpus aggregatus</i>		A	c
<i>Gonocarpus micranthus</i>			c
<i>Gunnera monoica</i> ¥			u
<i>Gunnera prorepens</i> (FRI 20517)			u
<i>Hydrocotyle dissecta</i>		A	p

<sup>7</sup> A robust form of the *C. debilis* agg. was found in seepages below the fault scarp. It may be Pritchard's (1957) *C.* 'Narrow Petal', but it grew to 40 cm or more tall and was a semi-scrambler at times. Material for CHR and for Peter Heenan to grow on was collected in Feb 2005

<sup>8</sup> In Feb 2005, *G. chathamica* appeared far more common than *G. grisebachii* – specimen AK 20149 should be re-examined?



Scientific name	Common name		A/*
<i>Hydrocotyle heteromeria</i>	pennywort waxweed	A	u
<i>Hydrocotyle microphylla</i>	hydrocotyle	A	p
<i>Hydrocotyle novae-zeelandiae</i>	hydrocotyle		u
<i>Hydrocotyle sulcata</i> #	hydrocotyle		l
<i>Hypericum japonicum</i> (FRI 21541)	swamp hypericum	A	p
* <i>Hypericum</i> sp. (moderate leaves, an adventive)			p
<i>Leptostigma setulosa</i>	nertera		p
<i>Liparophyllum gunnii</i>			p
* <i>Linum catharticum</i> #			l
* <i>Lotus pedunculatus</i>	lotus		p
<i>Mentha cunninghamii</i> φ	N.Z. mint		u
<i>Myosotis</i> sp.( <i>M. forsteri</i> agg.)			l
* <i>Myosotis laxa</i> #	water for–get–me–not		p
<i>Myriophyllum triphyllum</i> # [in river 2003]	water milfoil		l
<i>Nertera villosa</i>	nertera	A	o
<i>Nertera scapanioides</i>	nertera		p
<i>Oreomyrrhis ramosa</i>	myrrh		o
<i>Ourisia macrophylla</i> subsp. <i>robusta</i>	mountain foxglove		la
<i>Oxalis exilis</i>	yellow oxalis	A	o
<i>Oxalis magellanica</i> (FRI 11901)			o
<i>Parahebe diffusa</i> #	parahebe		l
<i>Plantago raoulii</i> var. (leaves narrowly elliptic)			lc
<i>Pratia angulata</i> agg.		A	lc
* <i>Prunella vulgaris</i> ¥	selfheal		lc
* <i>Ranunculus acris</i> φ	giant buttercup		lc
<i>Ranunculus amphitrichus</i> (FRI 20138)	waoriki	A	o
<i>Ranunculus glabrifolius</i>	swamp buttercup		p
<i>Ranunculus reflexus</i> (FRI 20518)	hairy buttercup	A	c
* <i>Ranunculus repens</i> φ	buttercup		lc
<i>Ranunculus ternatifolius</i> (CHR 394215, 565704)			r
* <i>Ranunculus trichophyllus</i> #	water buttercup		l
<i>Rumex flexuosus</i> ]	native dock		r
<i>Sellieria microphylla</i> ]	selliera, half star		r
<i>Schizeilema colensoi</i> (FRI 20140)			c
<i>Schizeilema nitens</i> (FRI 20139)			u
<i>Schizeilema trifoliolatum</i> (AK 237271)			o
<i>Stellaria parviflora</i> (incl. <i>S. minuta</i> )	N.Z. chickweed	A	p
* <i>Trifolium repens</i>	white clover		p
<i>Urtica incisa</i>	scrub nettle		o
<i>Utricularia novae-zeelandiae</i> incl.			
<i>U. monanthos</i> (FRI 21577)	bladderwort		p
<i>Viola cunninghamii</i> (11899)	mountain violet, white violet	A	l
<i>Viola filicaulis</i>	forest violet	A	a
<i>Viola lyallii</i> φ (AK ?)	swamp violet		lc
<i>Wahlenbergia colensoi</i> (incl. by Pettersen 1997 in <i>W. rupestris</i> ) ¥	white harebell		u