

Contributions to a chromosome atlas of the New Zealand flora — 28 *Ourisia* (Scrophulariaceae)

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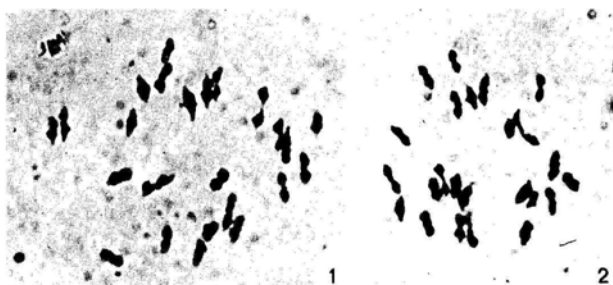
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Abstract Documented chromosome numbers are provided for the genus *Ourisia* in New Zealand (15 species) and Tasmania (1 species). All New Zealand taxa are hexaploid ($2n = 48$); *O. integrifolia* of Tasmania is tetraploid ($2n = 32$).

Fig. 1 *Ourisia macrocarpa* ssp. *macrocarpa* ($n = 24$), meiotic metaphase, $\times 1500$.

Fig. 2 *O. lactea* ssp. *lactea* ($n = 24$), meiotic metaphase, $\times 1500$.



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Table 1 Documented chromosome numbers of New Zealand plants: *Ourisia* (Scrophulariaceae)

Species	n	2n	Source	CHR	CANU
<i>Ourisia caespitosa</i> Hook. f.	-	48	Arthur's Pass, Canterbury	-	-
	-	48	Craigieburn Ra., Canterbury	-	-
	-	48	Coronet Pk, Otago	-	-
	-	48	Sealy Ra., Mount Cook N.P.	256847	-
	-	48	Gertrude Saddle, Fiordland	256837	-
<i>O. colensoi</i> Hook. f.	24	-	Waipawa R., Ruahine Ra., Hawke's Bay	-	17790
	-	48	Waipawa R., Ruahine Ra., Hawke's Bay	-	17388
<i>O. confertifolia</i> Arroyo	-	48	Gertrude Saddle, Fiordland	256836	-
<i>O. crosbyi</i> Ckn.	-	48	Alex Knob, Westland	256827	-
	24	-	Wilmot Pass, Fiordland North Arm Pt, Stewart I.	256839	-
<i>O. glandulosa</i> Hook. f.	24	-	Coronet Pk, Otago	-	17805
	-	48	Coronet Pk, Otago	256828	-
<i>O. goulandiana</i> Arroyo	-	48	Goulard Downs, NW Nelson	-	25110
	-	48	Goulard Downs, NW Nelson	227872	-
<i>O. lactea</i> (Moore) Arroyo ssp. <i>lactea</i>	-	48	Mt Patriarch, Nelson	200993	-
	-	48	Matiri Valley, Nelson	-	-
	-	48	Mt Robert, Nelson	-	-
	-	48	St Arnaud Ra., Nelson	-	17279
	-	48	Victoria Ra., Nelson	-	-
	-	48	Lewis Pass, N Canterbury	-	17759
	-	48	Punakaiki, Westland	-	17257
	-	48	Paparoa Mts, Westland	-	-
	-	48	Te Ao Whekere, Seaward Kaikoura Ra.	-	-
	-	48	Hurunui R. Valley, Canterbury	-	17270
	-	48	Arthur's Pass, Canterbury	-	17273
	-	48	Banks Peninsula	-	17729
	-	48	Banks Peninsula	256821	-
	-	48	Banks Peninsula	256822	-
	ssp. <i>drucei</i> (Moore) Arroyo	-	48	Raukumara Ra., Gisborne	131851
-		48	Ruahine Ra., Hawke's Bay	-	17789
24		48	Tararua Ra., Wellington	115735	-
24		48	Tararua Ra., Wellington	-	17785
<i>O. macrocarpa</i> Hook. f. ssp. <i>macrocarpa</i>	-	48	Gertrude Saddle, Fiordland	256832	-
	24	48	Wilmot Pass, Fiordland	256840	-
ssp. <i>calycina</i> (Col.) Arroyo	-	48	Victoria Ra., S Nelson	-	20005
	-	48	Alex Knob, Westland	-	19988
	24	-	Arthur's Pass, Canterbury	-	17753
<i>O. macrophylla</i> Hook. ssp. <i>macrophylla</i>	24	48	Mt Egmont, Taranaki	-	17332
	-	48	Mt Egmont, Taranaki	-	17334
	-	48	Mt Ruapehu, Central N.I.	-	17799
	-	48	Mt Ruapehu, Central N.I.	-	17325
	-	48	Ruahine Ra., Hawke's Bay	-	17321
	24	48	Ruahine Ra., Hawke's Bay	-	17802
ssp. <i>robusta</i> (Col.) Arroyo	-	48	Manawatu, Wellington Prov.	-	17323
	-	48	Goulard Downs, NW Nelson	-	-
<i>O. modesta</i> Diels	-	48	Sealy Ra., Mount Cook N.P.	256846	-
<i>O. remotifolia</i> Arroyo	-	48	Gertrude Saddle, Fiordland	256834	-

Table 1 continued

Species	n	2n	Source	CHR	CANU
<i>O. sessilifolia</i> Hook. f.					
<i>ssp. sessilifolia</i>	-	48	L. Luna, Nelson	-	-
	-	48	Gertrude Saddle, Fiordland	256832	-
	-	48	Gertrude Saddle, Fiordland	256833	-
<i>ssp. splendida</i> (Moore) Arroyo	-	48	Arthur's Pass, Canterbury	256824	-
	-	48	Sealy Ra., Mount Cook N.P.	256845	-
<i>O. simpsonii</i> (Moore) Arroyo					
	-	48	L. Luna, Nelson	-	-
	-	48	Mt Patriarch, Nelson	-	-
	-	48	St Arnaud Ra., Nelson	256811	-
	24	-	Mt Trovatore, Nelson	-	17764
	-	48	Arthur's Pass, Canterbury	256826	-
<i>O. spathulata</i> Arroyo					
	-	48	Mt George, Fiordland	-	-
	-	48	Eyre Mts, Southland	235774	-
<i>O. vulcanica</i> L. B. Moore					
	-	48	Mt Ruapehu, Central N.I.	-	19978
	-	48	Kaimanawa Mts, Central N.I.	-	19973
<i>O. macrocarpa</i> <i>ssp. calycina</i> × <i>O. caespitosa</i> (natural hybrid)	-	48	Arthur's Pass, Canterbury	256823	-
<i>O. integrifolia</i> R. Br.	-	32	Tasmania	-	-