

1 Appendix 1a. Location, date, and museum accession numbers for historic saddleback samples.

2	<u>Location</u>	<u>Date</u>	<u>Museum</u>	<u>Accession no.</u>
3	Banks Peninsula	<1900	American Museum of Natural History	669747
4	Banks Peninsula	<1900	American Museum of Natural History	669748
5	Bealey River, Arthur's Pass	<1900	Vienna Natural History Museum	45748
6	Big South Cape Island	1956	Te Papa Museum, NZ	OR 008698
7	Big South Cape Island	1939	Te Papa Museum, NZ	OR 016680
8	Big South Cape Island	1965	Te Papa Museum, NZ	OR 12227
9	Big South Cape Island	1965	Te Papa Museum, NZ	OR 025478
10	Big South Cape Island	1965	Te Papa Museum, NZ	OR 025479
11	Big South Cape Island	1965	Te Papa Museum, NZ	OR 025480
12	Big South Cape Island	1965	Te Papa Museum, NZ	OR 025481
13	Blue River	1887	Vienna Natural History Museum	11554
14	Chalky Inlet	1887	Vienna Natural History Museum	11557
15	Chalky Inlet	1887	Vienna Natural History Museum	11558
16	Dusky Sound	1884	Vienna Natural History Museum	11553
17	Milford Sound	1898	Canterbury Museum, NZ	AV 1100
18	Otago	1892	Canterbury Museum, NZ	AV 1071
19	Otago	1892	Canterbury Museum, NZ	AV 1072
20	Otago	1896	Otago Museum, NZ	AV 678
21	Otago	<1900	American Museum of Natural History	669746
22	Otago	<1897	The Natural History Museum, UK	1897.12.6.13
23	Otago	<1897	The Natural History Museum, UK	1897.12.6.14

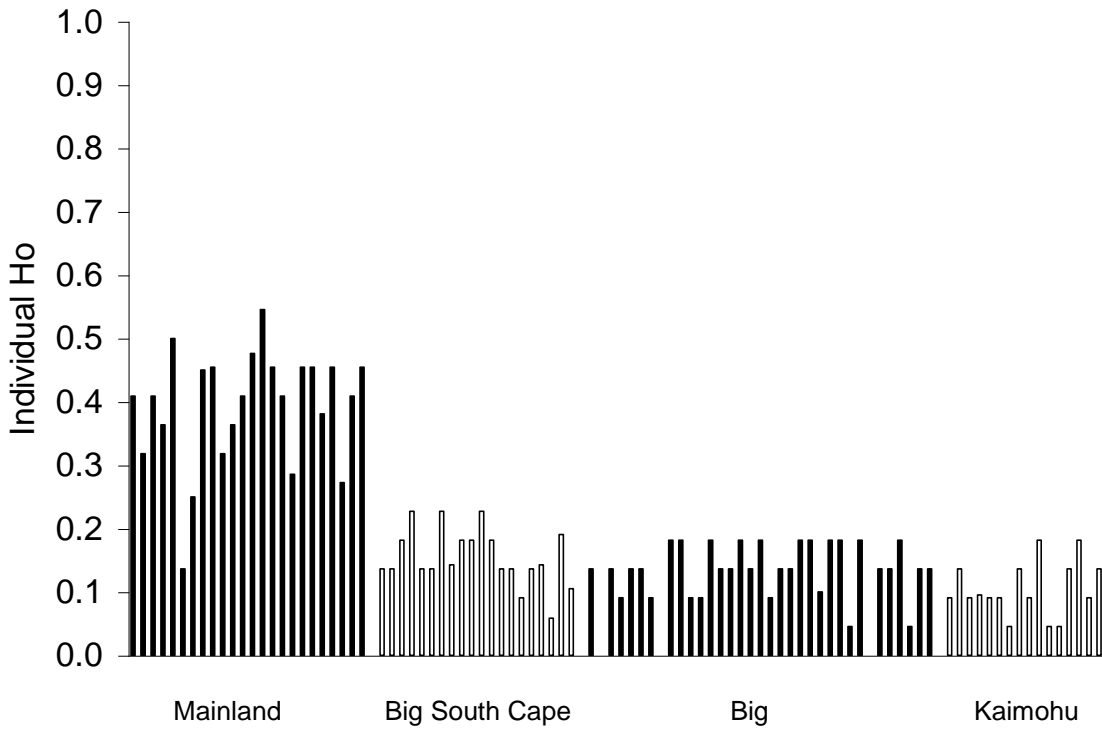
24	Pukaweka Island	1938	Te Papa Museum, NZ	OR 016678
25	Pukaweka Island	1938	Australian Museum	O 37382
26	Solomon Island	1932	Canterbury Museum, NZ	AV 313
27	Solomon Island	1932	Canterbury Museum, NZ	AV 315
28	Solomon Island	1932	Canterbury Museum, NZ	AV 324
29	Solomon Island	1930	Canterbury Museum, NZ	AV 329
30	Solomon Island	1931	Canterbury Museum, NZ	AV 331
31	Solomon Island	1931	Canterbury Museum, NZ	AV 1102
32	Solomon Island	1931	Te Papa Museum, NZ	OR 016679
33	Solomon Island	1938	Australian Museum	O 37378
34	Solomon Island	1938	Australian Museum	O 37379
35	Solomon Island	1938	Australian Museum	O 37380
36	Solomon Island	1938	Australian Museum	O 37381
37	South Taipo	<1900	American Museum of Natural History	669749
38	South Taipo	<1900	American Museum of Natural History	669750
39	Taipo River	<1900	Vienna Natural History Museum	45734
40	Taramakau River	1877	Vienna Natural History Museum	11544
41	Taramakau River	1877	Vienna Natural History Museum	11555
42	Taramakau River	1877	Vienna Natural History Museum	11556
43	Taramakau River	1877	Vienna Natural History Museum	52596
44	Taramakau River	1877	Vienna Natural History Museum	52595
45	West Coast Sounds	c. 1890	Canterbury Museum, NZ	AV 309
46	<u>West Coast Sounds</u>	<u>c. 1890</u>	<u>Canterbury Museum, NZ</u>	<u>AV 317</u>

47 Appendix 1b. Location, date, and museum accession numbers for historic robin samples.

48	<u>Location</u>	<u>Date</u>	<u>Museum</u>	<u>Accession no.</u>
49	Big South Cape Island	1955	Te Papa Museum, NZ	OR 009858
50	Chalky Inlet	1887	Vienna Natural History Museum	51169
51	Chalky Inlet	1887	Vienna Natural History Museum	11582
52	Chalky Inlet	1887	Vienna Natural History Museum	11583
53	Chalky Inlet	1887	Vienna Natural History Museum	11587
54	Dunedin*	1885	Auckland Museum, NZ	LB 4600
55	Dusky Sound	1884	Vienna Natural History Museum	51168
56	Dusky Sound	1884	Vienna Natural History Museum	11581
57	Dusky Sound	1884	Vienna Natural History Museum	11586
58	Dusky Sound*	1901	The Natural History Museum, UK	1902.2.21.28
59	Dusky Sound*	1901	The Natural History Museum, UK	1902.2.21.29
60	Eglinton Valley	c.1950	Te Papa Museum, NZ	OR 005258
61	George Sound	1889	The Natural History Museum, UK	1927.12.18.190
62	Jacques Lees Island	1932	Canterbury Museum, NZ	AV 271
63	Jacques Lees Island	1933	Canterbury Museum, NZ	AV 273
64	Otago	1892	Canterbury Museum, NZ	AV 963
65	Otago	1892	Canterbury Museum, NZ	AV 954
66	Otago	c.1885	Auckland Museum, NZ	LB4601
67	Otago	<1886	National Museum of Natural History, USA	109199
68	Otago	<1887	National Museum of Natural History, USA	109200
69	Papanui, Otago Peninsula	1896	Otago Museum, NZ	AV 596

70	Paringa	1887	Vienna Natural History Museum	11584
71	Paringa	1887	Vienna Natural History Museum	51170
72	Paringa	1887	Vienna Natural History Museum	11589
73	Paringa	1887	Vienna Natural History Museum	11588
74	Paringa	1887	Vienna Natural History Museum	11590
75	Pickersgill I.	1938	Australian Museum	O 37435
76	Pukaweka Island	1938	Australian Museum	O 37434
77	Solomon Island	1932/33	Canterbury Museum, NZ	AV 275
78	Solomon Island	1955	Te Papa Museum, NZ	OR 009857
79	Solomon Island	1938	Australian Museum	O 37433
80	South Otago	1874	American Museum of Natural History	608005
81	South Otago	1875	American Museum of Natural History	608006
82	Southland	c.1910	Canterbury Museum, NZ	AV 373
83	Stewart Island	1944	Otago Museum, NZ	AV 598
84	Stewart Island	1944	Otago Museum, NZ	AV 599
85	Taipo River	1873	American Museum of Natural History	608003
86	Taramakau River	1878	Vienna Natural History Museum	51172
87	Taramakau River	1878	Vienna Natural History Museum	11580
88	Taramakau River	1878	Vienna Natural History Museum	11585
89	Taramakau River	1878	The Natural History Museum, UK	1926.10.10.34
90	Taramakau River	1878	The Natural History Museum, UK	1926.10.10.35
91	<u>Winton</u>	1901	<u>Canterbury Museum, NZ</u>	<u>AV 266</u>
92	* No amplification			

Appendix 2. Observed heterozygosity for each individual saddleback in every population: Mainland (n = 24), Big South Cape (n = 20), Big (n = 35), and Kaimohu (n = 16).



Appendix 3. Allele frequencies for six loci that were polymorphic in contemporary saddlebacks from Kaimohu (n = 16) and Big Islands (n = 35) compared to allele frequencies for the same six loci in historic Big South Cape Island (n = 20) and three historic mainland areas, Fiordland (n = 6), Taramakau (n = 5), and Otago (n = 6). Note that Fiordland, Taramakau, and Otago show genetic variation at 16 additional loci, which are monomorphic in the Kaimohu, Big, and Big South Cape Island populations.

