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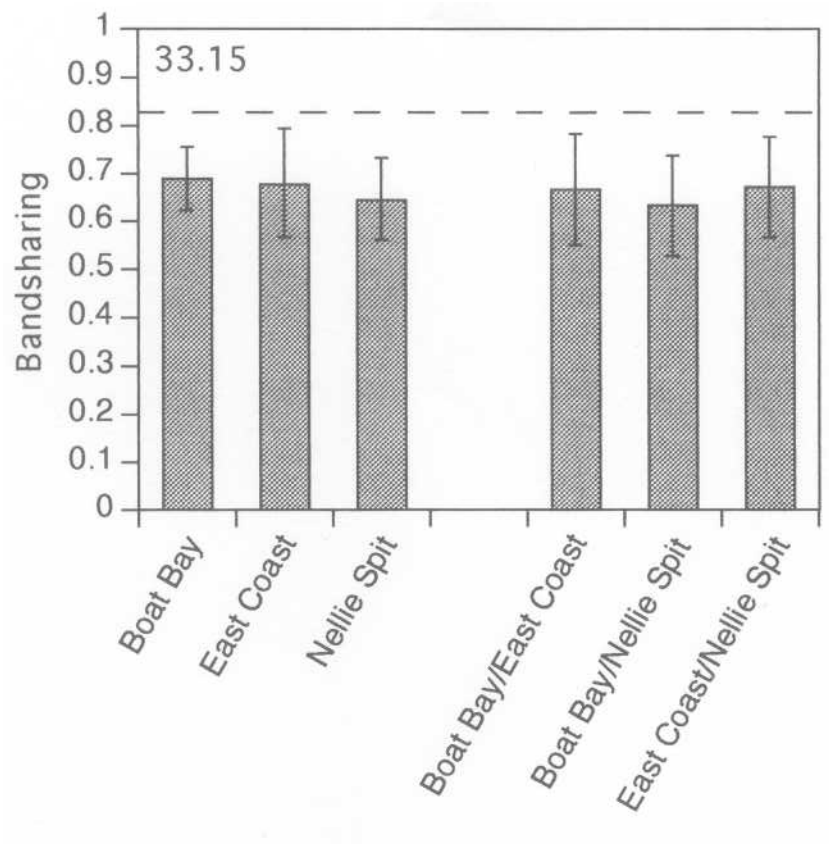

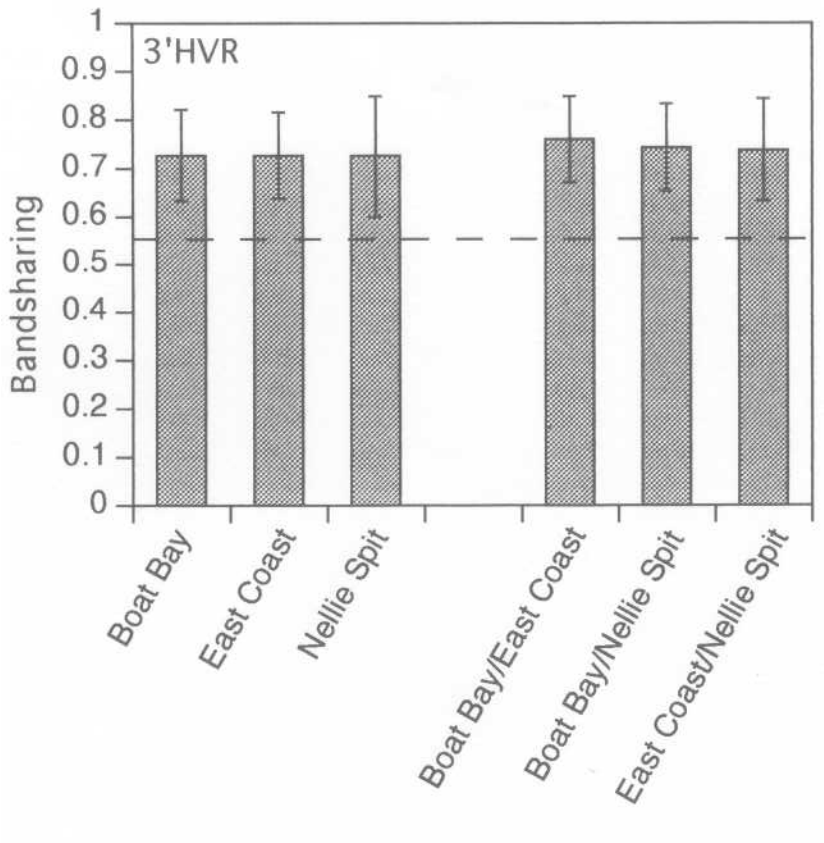
3'HVR
Bandsharing
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Boat Bay
East Coast
Nellie Spit
Boat Bay/East Coast
Boat Bay/Nellie Spit
East Coast/Nellie Spit

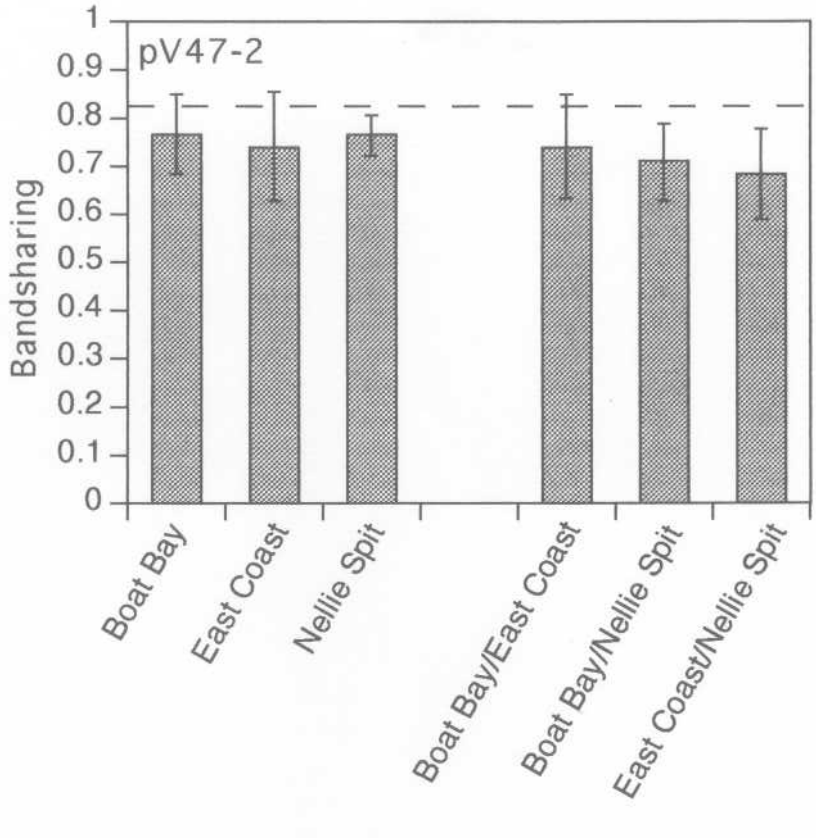
pV47-2
Bandsharing
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Boat Bay
East Coast
Nellie Spit
Boat Bay/East Coast
Boat Bay/Nellie Spit
East Coast/Nellie Spit

Table 1. Levels of bandsharing within and between populations of Auckland Island teal from Ewing Island.

Probe	Comparison	Site(s)	Bandsharing index	Standard Deviation (SD)	Number of comparisons
33.15					
	Within sites	Boat Bay	0.688	± 0.068	10
		East Coast	0.678	± 0.116	15
		Nellie Spit	0.645	± 0.084	10
	Between sites	Boat Bay/East Coast	0.666	± 0.116	30
		Boat Bay/Nellie Spit	0.633	± 0.106	25
		East Coast/Nellie Spit	0.67	± 0.108	30
pV47-2					
	Within sites	Boat Bay	0.765	± 0.081	10
		East Coast	0.739	± 0.115	15
		Nellie Spit	0.763	± 0.042	10
	Between sites	Boat Bay/East Coast	0.739	± 0.108	30
		Boat Bay/Nellie Spit	0.708	± 0.081	25
		East Coast/Nellie Spit	0.680	± 0.095	30
3'HVR					
	Within sites	Boat Bay	0.724	± 0.095	10
		East Coast	0.725	± 0.088	15
		Nellie Spit	0.724	± 0.126	10
	Between sites	Boat Bay/East Coast	0.759	± 0.09	30
		Boat Bay/Nellie Spit	0.743	± 0.089	25
		East Coast/Nellie Spit	0.737	± 0.107	30

The bandsharing index between pairs of individuals is calculated as:

$$D=2nAB/(nA + nB)$$

where nA and no are the numbers of bands scored in individuals A and B respectively, and nAB is the number of shared bands (Wetton et al. 1987).

Table 2. Number of bands and bandsharing indices for pairwise comparisons of presumptive unrelated individuals belonging to a number of New Zealand avian species. All samples were digested with HaeIII restriction enzyme.

Species	Number sampled (combinations)	Minisatellite probe used	Mean number of bands scored	Mean bandsharing Index (D)	Reference
Auckland Island teals (*Anas aucklandica aucklandica*)	**16 (120)**	**33.15** **3'HVR** **pV47-2**	**11** **7** **15**	**0.66** **0.73** **0.71**	**Lambert, 1993** **Lambert and Robins, current report**
Brown skua (*Catharacta longbergi*)	12 12	33.15 33.6	14 10	0.33 0.34	Millar et al., 1994a
South Polar skua (*Catharacta maccormicki*)	33 33 33	33.15 33.6 pV47-2	27 27 26	0.20 0.2 0.28	Millar et al., 1994b
Black Robins (*Petroica traversi*)	15 15 15	33.15 33.6 pV47-2	7 9 3	0.87 0.79 0.84	Holmes, 1994
South Island robins (*Petroica australis australis*)- Motuara Island	17 17 17	33.15 33.6 pV47-2	13 10 8	0.53 0.58 0.62	Holmes, 1994
North Island robins (*Petroica australis longipes*)	15 (27) 15 (27) 15 (27)	33.15 33.6 pV47-2	25 10 35	0.21 0.18 0.37	Holmes, 1994
Blue ducks (*Hymenolaimus malacorhynchos*) between populations within populations	 - (55) - (63)	 33.15 33.15	 	 0.17-0.24 0.36-0.51	 Triggs et al. 1992
Pukeko (*Porphyrio porphyrio melanotus*)	17 17 17	pV47-2 3'HVR per	18 16 5	0.6 - -	Lambert et al. 1994
Adélie penguins (*Pygoscelis adeliae*) Northern Cape Bird colony, Ross Island, Antarctica	23 (179) 23 (179)	33.15 33.6	- -	0.16 0.32	Monehan, 1994

Band sharing between pairs of individuals is calculated as: D=2nAB/(nA + nB) where nA and nB are the numbers of bands scored in individuals A and B respectively, and nAB is the number of shared bands (Wetton et al. 1987).