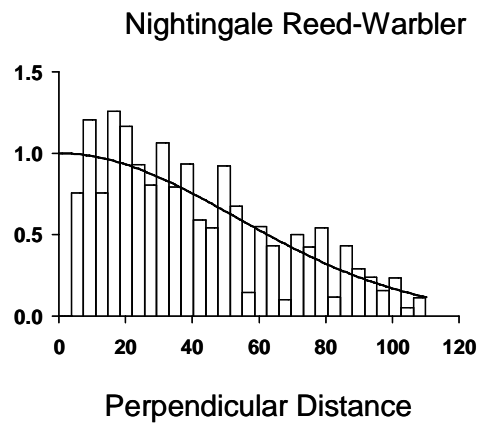
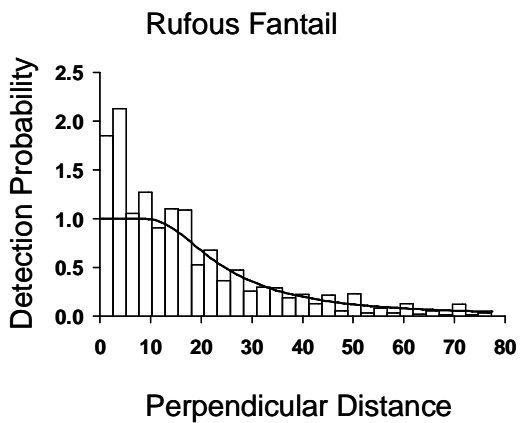
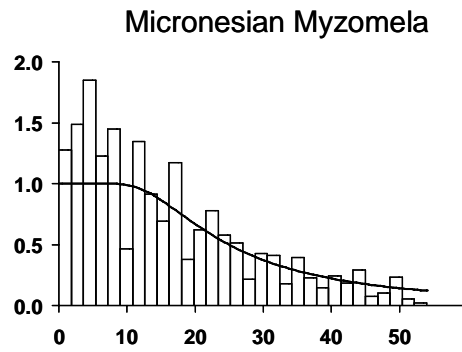
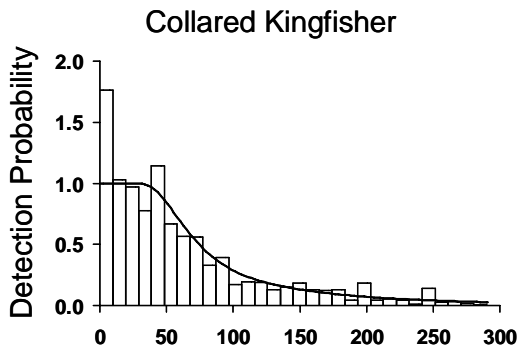
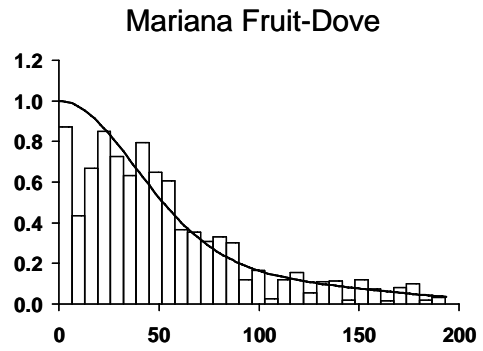
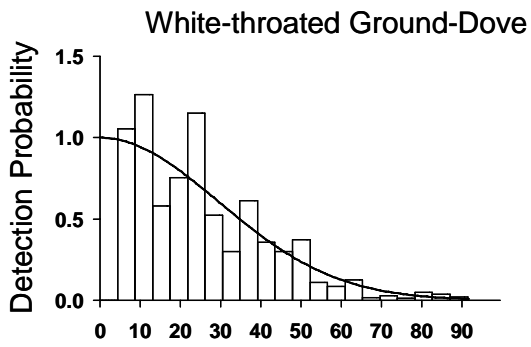
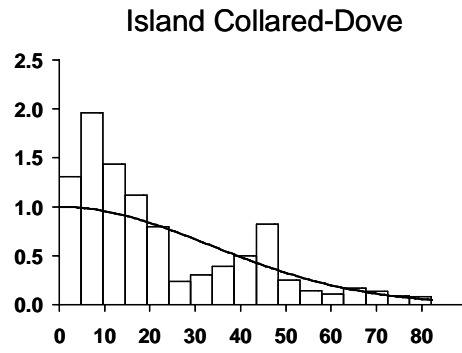
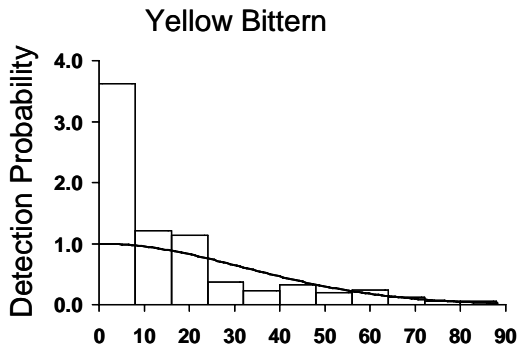


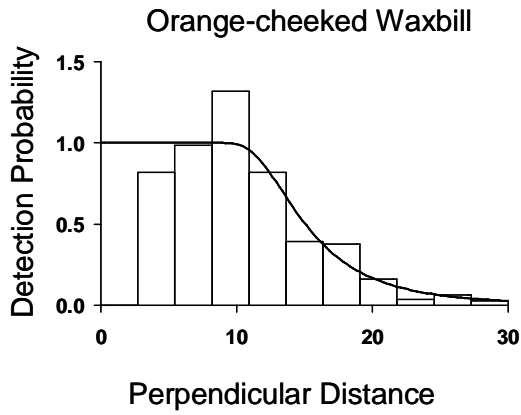
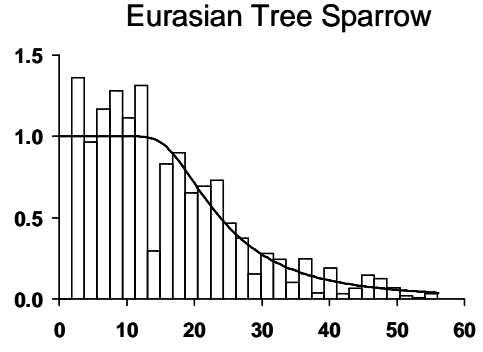
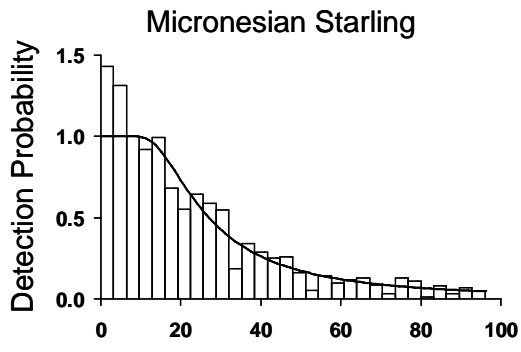
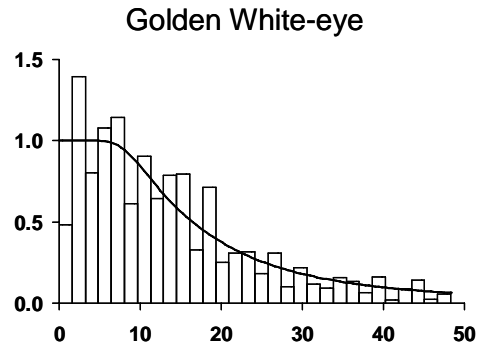
Appendix 1. Model parameters and detection probabilities used to derive population densities for Saipan land birds.

A)

Species	Truncation	Model + series expansion	Covariates
Yellow Bittern	88.0	Half-normal	None
Island Collared-Dove	82.1	Half-normal	None
White-throated Ground-Dove	91.4	Half-normal	None
Mariana Fruit-Dove	193.0	Half-normal + cosine	Observer
Collared Kingfisher	290.0	Hazard-rate	Year
Micronesian Myzomela	54.0	Hazard-rate	Observer
Rufous Fantail	77.3	Hazard-rate	Observer
Nightingale Reed-Warbler	110.0	Half-normal	None
Bridled White-eye	48.3	Half-normal + cosine	Observer
Golden White-eye	48.3	Hazard-rate	Observer
Micronesian Starling	96.0	Hazard-rate	None
Eurasian Tree Sparrow	56.0	Hazard-rate	None
Orange-cheeked Waxbill	30.0	Hazard-rate	None

B)





Appendix 2. Density estimates (birds/km²) and 95% confidence intervals (Lower and Upper 95% CI) by habitat and year for Saipan land birds. Habitat types are GC – golf course, L – limestone forest, O – open field, R – residential, S – secondary forest, and TT – tangantangan thicket.

Year	Habitat	Estimate	SE	L 95% CI	U 95% CI
Yellow Bittern					
1982	GC	0	0	0	0
	L	0	0	0	0
	O	6.4	4.53	0.0	16.3
	R	3.9	5.45	0.0	17.1
	S	1.7	2.17	0.0	7.2
	TT	3.0	3.03	0.0	10.3
1997	GC	15.5	16.11	0.0	54.4
	L	6.4	6.98	0.0	22.7
	O	28.6	13.98	8.1	64.2
	R	19.1	15.25	0.0	57.6
	S	13.4	5.59	4.5	25.9
	TT	29.1	13.17	10.3	60.2
2007	GC	0	0	0	0
	L	2	3.79	0	12.7
	O	20.2	9.72	5.5	41.5
	R	5.3	5.34	0.0	19.0
	S	11.2	5.62	2.7	25.0
	TT	16.5	8.55	4.2	37.8
Island Collared-Dove					
1982	GC	0	0	0	0
	L	0	0	0	0
	O	9.2	5.45	0.0	21.2
	R	13.4	9.22	0.0	34.8
	S	5.7	3.42	0.0	13.5
	TT	9.7	4.97	2.1	21.1
1997	GC	32.2	30.65	0.0	102.0
	L	12.6	8.60	0.0	30.8
	O	34.9	11.90	14.3	60.4
	R	25.8	14.49	0.0	56.9
	S	33.0	14.62	10.6	65.2
	TT	32.6	12.86	12.2	63.4
2007	GC	0	0	0	0
	L	20.6	11.93	0.0	47.6
	O	104.5	32.86	50.8	177.2
	R	33.5	17.61	8.4	73.4
	S	25.1	7.15	12.7	40.3
	TT	34.3	12.41	14.4	62.8
White-throated Ground-Dove					
1982	GC	0	0	0	0
	L	16.2	10.61	0.0	40.2
	O	0	0	0	0
	R	8.2	8.10	0.0	26.6
	S	4.9	3.15	0.0	11.3

		TT	9.5	5.38	0.0	21.8
1997		GC	0	0	0	0
		L	38.2	16.34	12.7	75.6
		O	15.6	7.60	3.5	32.0
		R	7.6	7.78	0.0	25.3
		S	14.3	5.72	4.3	26.5
2007		TT	18.5	11.02	2.7	44.5
		GC	58.8	34.14	0.0	137.4
		L	134.4	35.47	71.0	205.4
		O	64.7	16.03	35.8	98.7
		R	122.0	28.92	70.2	180.5
		S	126.9	20.48	90.2	169.5
		TT	42.9	14.05	18.4	73.5
Mariana Fruit-Dove						
1982		GC	16.5	7.12	4.3	31.4
		L	48.4	9.77	32.7	67.8
		O	15.2	4.19	8.5	23.3
		R	26.6	11.09	6.5	50.4
		S	36.9	6.80	25.9	51.5
		TT	24.8	6.22	14.9	37.3
1997		GC	15.1	7.43	4.2	30.0
		L	97.1	13.38	75.8	123.3
		O	55.0	10.15	34.6	72.7
		R	52.6	15.82	24.7	85.0
		S	100.2	11.82	79.2	122.8
		TT	58.9	10.54	40.6	80.6
2007		GC	80.7	19.71	45.2	119.3
		L	105.9	21.66	67.7	149.7
		O	49.9	12.89	26.0	73.4
		R	18.7	7.06	7.1	33.9
		S	138.9	15.36	110.9	177.0
		TT	35.6	9.47	20.1	55.7
Collared Kingfisher						
1982		GC	13.3	7.08	1.8	28.4
		L	39.4	10.96	21.3	65.9
		O	26.3	6.47	15.5	42.1
		R	22.2	8.60	8.2	40.5
		S	27.1	5.78	17.1	39.8
		TT	20.5	4.78	12.6	30.9
1997		GC	37.3	11.88	18.3	63.0
		L	27.8	8.64	13.8	47.5
		O	45.9	10.00	29.2	68.3
		R	19.9	6.84	9.7	36.0
		S	35.4	7.77	21.7	52.2
		TT	41.2	8.82	25.6	59.4
2007		GC	58.7	19.90	27.4	103.5
		L	17.2	5.17	8.8	29.4
		O	28.8	6.53	17.3	43.5
		R	25.5	6.72	13.9	40.9
		S	22.8	5.00	14.1	33.7

	TT	27.8	6.62	17.1	43.1
Micronesian Myzomela					
1982	GC	370.5	128.50	148.3	661.2
	L	255.5	78.55	121.2	420.4
	O	441.7	90.98	283.2	647.5
	R	522.6	140.95	276.8	833.1
	S	523.4	81.75	377.3	695.2
1997	TT	171.3	41.07	101.6	262.8
	GC	401.3	144.96	144.7	702.8
	L	294.9	100.95	123.0	516.4
	O	337.4	69.77	213.9	486.7
	R	543.5	122.23	322.7	785.0
	S	627.6	89.74	470.0	822.5
2007	TT	215.4	47.94	128.3	318.9
	GC	150.2	73.43	27.8	316.3
	L	627.9	115.03	426.5	869.9
	O	475.0	88.82	322.9	661.7
	R	845.8	130.09	627.7	1,129.7
	S	608.2	81.13	471.1	789.2
	TT	188.3	53.27	96.1	304.0
Rufous Fantail					
1982	GC	1,109.7	201.19	851.5	1,517.9
	L	912.8	157.28	697.9	1,184.5
	O	667.7	129.59	471.6	914.5
	R	968.4	193.78	686.3	1,316.4
	S	826.5	134.40	671.0	1,048.8
1997	TT	1,064.7	160.24	867.0	1,361.4
	GC	582.9	182.04	269.0	947.6
	L	887.5	141.91	728.6	1,092.9
	O	480.7	94.84	342.8	671.4
	R	666.0	141.98	465.4	917.6
	S	822.1	126.77	668.6	1,041.5
2007	TT	1,050.6	163.05	849.1	1,332.0
	GC	567.0	172.32	300.2	892.8
	L	570.5	112.73	403.2	785.6
	O	406.1	84.15	286.1	564.8
	R	298.9	68.93	188.7	443.5
	S	459.9	68.71	375.3	585.4
	TT	591.6	101.23	456.4	790.9
Nightingale Reed-Warbler					
1982	GC	52.7	13.30	28.6	80.7
	L	34.4	12.58	13.2	61.8
	O	50.9	10.95	31.7	74.6
	R	94.5	21.98	57.0	139.5
	S	45.7	7.27	32.8	60.5
1997	TT	74.5	13.79	49.1	102.1
	GC	18.7	8.73	5.5	37.6
	L	26.1	11.07	7.9	50.3
	O	30.1	6.62	18.1	44.0
	R	10.6	4.93	2.6	21.5

		S	38.2	5.78	27.8	49.9
		TT	72.3	10.70	52.0	94.0
2007		GC	4.8	4.72	0.0	15.9
		L	10.6	4.57	2.3	20.2
		O	27.7	6.93	15.3	42.7
		R	16.0	4.98	6.3	25.7
		S	25.7	4.22	18.2	34.2
		TT	25.9	5.84	15.4	38.3
Bridled White-eye						
1982		GC	3,898.3	479.88	3,025.0	4,842.0
		L	5,300.1	690.07	4,003.0	6,683.4
		O	4,032.6	571.82	3,014.8	5,280.1
		R	5,568.0	682.08	4,314.1	6,879.9
		S	4,626.0	392.75	3,896.9	5,440.3
		TT	4,935.0	393.81	4,196.4	5,720.5
1997		GC	3,517.8	901.26	1,941.3	5,441.3
		L	4,159.4	704.60	3,049.4	5,743.8
		O	4,892.5	666.85	3,713.9	6,360.2
		R	5,154.7	1619.61	2,708.2	8,895.6
		S	5,157.2	429.59	4,373.1	6,076.0
		TT	6,841.3	537.04	5,816.1	7,905.8
2007		GC	4,235.0	1,075.69	2,207.2	6,358.1
		L	4,272.7	470.42	3,423.8	5,234.5
		O	4,284.7	505.59	3,309.3	5,262.6
		R	2,767.4	471.84	1,888.1	3,756.8
		S	4,781.5	419.34	4,033.4	5,646.3
		TT	6,279.9	619.83	5,101.4	7,519.4
Golden White-eye						
1982		GC	1,372.1	421.65	626.7	2,240.1
		L	1,267.5	324.48	717.1	1,992.1
		O	930.7	217.87	566.9	1,402.8
		R	1,068.2	254.66	648.6	1,663.0
		S	1,522.9	249.60	1,139.8	2,055.5
		TT	1,313.6	235.53	923.8	1,847.9
1997		GC	420.6	252.66	0.0	998.1
		L	1,981.3	344.94	1,404.0	2,730.6
		O	225.0	71.32	100.0	378.6
		R	543.5	198.38	215.7	952.9
		S	1,320.6	245.76	943.4	1,882.6
		TT	1,042.3	197.20	712.7	1,515.7
2007		GC	334.5	152.24	90.3	705.8
		L	1,511.3	289.57	1,015.8	2,152.9
		O	310.4	114.39	133.0	564.5
		R	296.0	134.22	98.3	630.6
		S	922.0	150.93	685.7	1,236.5
		TT	402.3	93.18	244.6	614.6
Micronesian Starling						
1982		GC	20.9	20.72	0.0	69.3
		L	37.8	20.18	7.6	79.8
		O	48.5	23.29	13.5	97.5

		R	19.9	19.67	0.0	65.7
		S	80.9	26.00	42.6	139.7
		TT	23.5	10.07	8.1	48.0
1997		GC	40.9	28.95	0.0	110.9
		L	119.6	45.20	50.4	224.9
		O	174.7	55.00	88.2	301.1
		R	140.1	53.67	53.3	268.2
		S	127.5	39.11	65.1	215.9
		TT	66.9	22.71	31.0	119.4
2007		GC	404.4	209.35	118.4	901.5
		L	157.9	50.15	84.0	264.3
		O	176.1	57.14	89.6	300.5
		R	139.0	48.36	66.1	253.7
		S	186.5	54.31	107.3	304.9
		TT	65.5	21.37	30.6	112.7
Eurasian Tree Sparrow						
1982		GC	0	0	0	0
		L	0	0	0	0
		O	87.8	38.18	24.5	167.2
		R	281.1	117.03	90.8	536.9
		S	5.2	5.27	0.0	18.1
		TT	13.3	13.41	0.0	46.7
1997		GC	1,312.8	239.19	887.5	1,811.1
		L	0	0	0	0
		O	727.4	187.67	398.3	1,112.4
		R	2,228.5	443.47	1,457.1	3,184.5
		S	180.0	62.28	76.5	315.8
		TT	117.3	46.67	37.3	224.4
2007		GC	62.1	41.48	0.0	157.5
		L	0	0	0	0
		O	281.0	100.49	105.9	509.0
		R	2,762.9	530.48	1,863.9	3,893.8
		S	101.0	38.08	37.4	184.9
		TT	115.3	68.97	14.3	282.6
Orange-cheeked Waxbill						
1982		GC	0	0	0	0
		L	0	0	0	0
		O	0	0	0	0
		R	0	0	0	0
		S	0	0	0	0
		TT	0	0	0	0
1997		GC	0	0	0	0
		L	0	0	0	0
		O	0	0	0	0
		R	0	0	0	0
		S	0	0	0	0
		TT	0	0	0	0
2007		GC	0	0	0	0
		L	0	0	0	0
		O	594.7	528.47	0.0	1,974.5

R	137.1	98.80	0.0	368.5
S	251.0	187.92	33.3	704.8
TT	71.1	71.92	0.0	250.1

Appendix 3. Comparison of densities by year and habitat using repeated measures ANOVA for Saipan land birds (main and interaction effects presented in Table 3). Effect codes are Yr – year, Hab – habitat, and Y*H – interaction between year and habitat main effects. Codes for habitat types are GC – golf course, LF – limestone forest, O – open, R – residential, SF – secondary forest, and TT – tangantangan thicket.

Effect	Habitat	Year	Habitat	Year	Estimate	SE	DF	t Value	Adj P
Yellow Bittern									
Yr		1982		1997	-0.091	0.027	512	-3.39	0.002
Yr		1982		2007	-0.032	0.026	581	-1.24	0.431
Yr		1997		2007	0.059	0.026	581	2.29	0.058
Island Collared-Dove									
Yr		1982		1997	-0.103	0.039	528	-2.63	0.024
Yr		1982		2007	-0.130	0.038	590	-3.45	0.002
Yr		1997		2007	-0.027	0.038	590	-0.71	0.758
White-throated Ground-Dove									
Yr		1982		1997	-0.051	0.046	552	-1.12	0.501
Yr		1982		2007	-0.398	0.044	608	-9.01	<.0001
Yr		1997		2007	-0.346	0.044	608	-7.84	<.0001
Hab	GC		L		-0.188	0.099	309	-1.89	0.410
Hab	GC		O		-0.034	0.092	297	-0.37	0.999
Hab	GC		R		-0.118	0.099	301	-1.19	0.840
Hab	GC		S		-0.158	0.088	281	-1.79	0.474
Hab	GC		TT		-0.040	0.091	286	-0.44	0.998
Hab	L		O		0.153	0.065	475	2.34	0.180
Hab	L		R		0.069	0.075	419	0.93	0.940
Hab	L		S		0.030	0.060	478	0.49	0.996
Hab	L		TT		0.148	0.064	440	2.33	0.186
Hab	O		R		-0.084	0.065	471	-1.30	0.788
Hab	O		S		-0.124	0.047	558	-2.64	0.089
Hab	O		TT		-0.005	0.052	474	-0.10	1.000
Hab	R		S		-0.040	0.060	409	-0.67	0.985
Hab	R		TT		0.079	0.063	413	1.25	0.814
Hab	S		TT		0.119	0.045	413	2.64	0.090
Yr*Hab	GC	1982	L	1982	-0.090	0.161	763	-0.56	1.000
Yr*Hab	GC	1982	O	1982	0.003	0.148	761	0.02	1.000
Yr*Hab	GC	1982	R	1982	-0.049	0.161	762	-0.30	1.000
Yr*Hab	GC	1982	S	1982	-0.046	0.143	760	-0.32	1.000
Yr*Hab	GC	1982	TT	1982	-0.082	0.145	761	-0.57	1.000
Yr*Hab	GC	1982	GC	1997	0.000	0.179	552	0.00	1.000
Yr*Hab	GC	1982	L	1997	-0.226	0.161	763	-1.41	0.995
Yr*Hab	GC	1982	O	1997	-0.084	0.148	761	-0.57	1.000
Yr*Hab	GC	1982	R	1997	-0.049	0.161	762	-0.30	1.000
Yr*Hab	GC	1982	S	1997	-0.100	0.143	760	-0.70	1.000
Yr*Hab	GC	1982	TT	1997	-0.113	0.145	761	-0.78	1.000

Yr*Hab	GC	1982	GC	2007	-0.312	0.171	617	-1.83	0.936
Yr*Hab	GC	1982	L	2007	-0.560	0.156	765	-3.58	0.039
Yr*Hab	GC	1982	O	2007	-0.334	0.149	759	-2.25	0.721
Yr*Hab	GC	1982	R	2007	-0.569	0.154	763	-3.70	0.026
Yr*Hab	GC	1982	S	2007	-0.641	0.140	752	-4.58	0.001
Yr*Hab	GC	1982	TT	2007	-0.236	0.147	755	-1.60	0.981
Yr*Hab	L	1982	O	1982	0.093	0.107	773	0.86	1.000
Yr*Hab	L	1982	R	1982	0.041	0.125	770	0.32	1.000
Yr*Hab	L	1982	S	1982	0.044	0.101	773	0.43	1.000
Yr*Hab	L	1982	TT	1982	0.007	0.104	773	0.07	1.000
Yr*Hab	L	1982	GC	1997	0.090	0.161	763	0.56	1.000
Yr*Hab	L	1982	L	1997	-0.137	0.118	552	-1.16	1.000
Yr*Hab	L	1982	O	1997	0.005	0.107	773	0.05	1.000
Yr*Hab	L	1982	R	1997	0.041	0.125	770	0.32	1.000
Yr*Hab	L	1982	S	1997	-0.011	0.101	773	-0.11	1.000
Yr*Hab	L	1982	TT	1997	-0.023	0.104	773	-0.23	1.000
Yr*Hab	L	1982	GC	2007	-0.223	0.151	702	-1.47	0.992
Yr*Hab	L	1982	L	2007	-0.470	0.115	659	-4.09	0.006
Yr*Hab	L	1982	O	2007	-0.245	0.109	772	-2.25	0.718
Yr*Hab	L	1982	R	2007	-0.479	0.116	773	-4.14	0.005
Yr*Hab	L	1982	S	2007	-0.551	0.096	772	-5.75	<.0001
Yr*Hab	L	1982	TT	2007	-0.146	0.106	764	-1.37	0.997
Yr*Hab	O	1982	R	1982	-0.052	0.108	772	-0.48	1.000
Yr*Hab	O	1982	S	1982	-0.049	0.078	774	-0.63	1.000
Yr*Hab	O	1982	TT	1982	-0.085	0.082	774	-1.04	1.000
Yr*Hab	O	1982	GC	1997	-0.003	0.148	761	-0.02	1.000
Yr*Hab	O	1982	L	1997	-0.229	0.107	773	-2.13	0.796
Yr*Hab	O	1982	O	1997	-0.087	0.082	552	-1.07	1.000
Yr*Hab	O	1982	R	1997	-0.052	0.108	772	-0.48	1.000
Yr*Hab	O	1982	S	1997	-0.103	0.078	774	-1.33	0.998
Yr*Hab	O	1982	TT	1997	-0.116	0.082	774	-1.42	0.995
Yr*Hab	O	1982	GC	2007	-0.315	0.137	678	-2.30	0.682
Yr*Hab	O	1982	L	2007	-0.563	0.100	773	-5.61	<.0001
Yr*Hab	O	1982	O	2007	-0.337	0.086	731	-3.92	0.012
Yr*Hab	O	1982	R	2007	-0.572	0.096	767	-5.98	<.0001
Yr*Hab	O	1982	S	2007	-0.644	0.071	774	-9.02	<.0001
Yr*Hab	O	1982	TT	2007	-0.239	0.085	758	-2.81	0.312
Yr*Hab	R	1982	S	1982	0.003	0.101	770	0.03	1.000
Yr*Hab	R	1982	TT	1982	-0.033	0.104	771	-0.32	1.000
Yr*Hab	R	1982	GC	1997	0.049	0.161	762	0.30	1.000
Yr*Hab	R	1982	L	1997	-0.177	0.125	770	-1.42	0.995
Yr*Hab	R	1982	O	1997	-0.035	0.108	772	-0.33	1.000
Yr*Hab	R	1982	R	1997	0.000	0.118	552	0.00	1.000
Yr*Hab	R	1982	S	1997	-0.051	0.101	770	-0.51	1.000
Yr*Hab	R	1982	TT	1997	-0.064	0.104	771	-0.62	1.000
Yr*Hab	R	1982	GC	2007	-0.263	0.151	698	-1.74	0.958
Yr*Hab	R	1982	L	2007	-0.511	0.119	773	-4.28	0.003

Yr*Hab	R	1982	O	2007	-0.285	0.109	770	-2.62	0.438
Yr*Hab	R	1982	R	2007	-0.520	0.111	646	-4.67	0.001
Yr*Hab	R	1982	S	2007	-0.592	0.096	765	-6.14	<.0001
Yr*Hab	R	1982	TT	2007	-0.187	0.107	757	-1.75	0.956
Yr*Hab	S	1982	TT	1982	-0.036	0.073	773	-0.50	1.000
Yr*Hab	S	1982	GC	1997	0.046	0.143	760	0.32	1.000
Yr*Hab	S	1982	L	1997	-0.180	0.101	773	-1.79	0.946
Yr*Hab	S	1982	O	1997	-0.038	0.078	774	-0.49	1.000
Yr*Hab	S	1982	R	1997	-0.003	0.101	770	-0.03	1.000
Yr*Hab	S	1982	S	1997	-0.054	0.064	552	-0.84	1.000
Yr*Hab	S	1982	TT	1997	-0.067	0.073	773	-0.93	1.000
Yr*Hab	S	1982	GC	2007	-0.266	0.132	672	-2.03	0.856
Yr*Hab	S	1982	L	2007	-0.514	0.093	766	-5.55	<.0001
Yr*Hab	S	1982	O	2007	-0.288	0.079	768	-3.67	0.029
Yr*Hab	S	1982	R	2007	-0.523	0.089	774	-5.88	<.0001
Yr*Hab	S	1982	S	2007	-0.595	0.059	707	-10.04	<.0001
Yr*Hab	S	1982	TT	2007	-0.190	0.077	737	-2.48	0.550
Yr*Hab	TT	1982	GC	1997	0.082	0.145	761	0.57	1.000
Yr*Hab	TT	1982	L	1997	-0.144	0.104	773	-1.39	0.996
Yr*Hab	TT	1982	O	1997	-0.002	0.082	774	-0.03	1.000
Yr*Hab	TT	1982	R	1997	0.033	0.104	771	0.32	1.000
Yr*Hab	TT	1982	S	1997	-0.018	0.073	773	-0.25	1.000
Yr*Hab	TT	1982	TT	1997	-0.031	0.072	552	-0.43	1.000
Yr*Hab	TT	1982	GC	2007	-0.230	0.134	670	-1.72	0.963
Yr*Hab	TT	1982	L	2007	-0.477	0.096	773	-4.96	0.000
Yr*Hab	TT	1982	O	2007	-0.252	0.083	774	-3.04	0.185
Yr*Hab	TT	1982	R	2007	-0.487	0.092	773	-5.30	<.0001
Yr*Hab	TT	1982	S	2007	-0.558	0.066	774	-8.51	<.0001
Yr*Hab	TT	1982	TT	2007	-0.153	0.077	708	-1.99	0.874
Yr*Hab	GC	1997	L	1997	-0.226	0.161	763	-1.41	0.995
Yr*Hab	GC	1997	O	1997	-0.084	0.148	761	-0.57	1.000
Yr*Hab	GC	1997	R	1997	-0.049	0.161	762	-0.30	1.000
Yr*Hab	GC	1997	S	1997	-0.100	0.143	760	-0.70	1.000
Yr*Hab	GC	1997	TT	1997	-0.113	0.145	761	-0.78	1.000
Yr*Hab	GC	1997	GC	2007	-0.312	0.171	617	-1.83	0.936
Yr*Hab	GC	1997	L	2007	-0.560	0.156	765	-3.58	0.039
Yr*Hab	GC	1997	O	2007	-0.334	0.149	759	-2.25	0.721
Yr*Hab	GC	1997	R	2007	-0.569	0.154	763	-3.70	0.026
Yr*Hab	GC	1997	S	2007	-0.641	0.140	752	-4.58	0.001
Yr*Hab	GC	1997	TT	2007	-0.236	0.147	755	-1.60	0.981
Yr*Hab	L	1997	O	1997	0.142	0.107	773	1.32	0.998
Yr*Hab	L	1997	R	1997	0.177	0.125	770	1.42	0.995
Yr*Hab	L	1997	S	1997	0.126	0.101	773	1.25	0.999
Yr*Hab	L	1997	TT	1997	0.113	0.104	773	1.09	1.000
Yr*Hab	L	1997	GC	2007	-0.086	0.151	702	-0.57	1.000
Yr*Hab	L	1997	L	2007	-0.333	0.115	659	-2.90	0.256
Yr*Hab	L	1997	O	2007	-0.108	0.109	772	-0.99	1.000

Yr*Hab	L	1997	R	2007	-0.343	0.116	773	-2.96	0.224
Yr*Hab	L	1997	S	2007	-0.414	0.096	772	-4.32	0.002
Yr*Hab	L	1997	TT	2007	-0.009	0.106	764	-0.09	1.000
Yr*Hab	O	1997	R	1997	0.035	0.108	772	0.33	1.000
Yr*Hab	O	1997	S	1997	-0.016	0.078	774	-0.20	1.000
Yr*Hab	O	1997	TT	1997	-0.029	0.082	774	-0.35	1.000
Yr*Hab	O	1997	GC	2007	-0.228	0.137	678	-1.67	0.972
Yr*Hab	O	1997	L	2007	-0.475	0.100	773	-4.74	0.000
Yr*Hab	O	1997	O	2007	-0.250	0.086	731	-2.91	0.250
Yr*Hab	O	1997	R	2007	-0.485	0.096	767	-5.07	<.0001
Yr*Hab	O	1997	S	2007	-0.556	0.071	774	-7.80	<.0001
Yr*Hab	O	1997	TT	2007	-0.151	0.085	758	-1.78	0.949
Yr*Hab	R	1997	S	1997	-0.051	0.101	770	-0.51	1.000
Yr*Hab	R	1997	TT	1997	-0.064	0.104	771	-0.62	1.000
Yr*Hab	R	1997	GC	2007	-0.263	0.151	698	-1.74	0.958
Yr*Hab	R	1997	L	2007	-0.511	0.119	773	-4.28	0.003
Yr*Hab	R	1997	O	2007	-0.285	0.109	770	-2.62	0.438
Yr*Hab	R	1997	R	2007	-0.520	0.111	646	-4.67	0.001
Yr*Hab	R	1997	S	2007	-0.592	0.096	765	-6.14	<.0001
Yr*Hab	R	1997	TT	2007	-0.187	0.107	757	-1.75	0.956
Yr*Hab	S	1997	TT	1997	-0.013	0.073	773	-0.18	1.000
Yr*Hab	S	1997	GC	2007	-0.212	0.132	672	-1.61	0.980
Yr*Hab	S	1997	L	2007	-0.459	0.093	766	-4.96	0.000
Yr*Hab	S	1997	O	2007	-0.234	0.079	768	-2.98	0.216
Yr*Hab	S	1997	R	2007	-0.469	0.089	774	-5.27	<.0001
Yr*Hab	S	1997	S	2007	-0.540	0.059	707	-9.13	<.0001
Yr*Hab	S	1997	TT	2007	-0.135	0.077	737	-1.77	0.952
Yr*Hab	TT	1997	GC	2007	-0.199	0.134	670	-1.49	0.991
Yr*Hab	TT	1997	L	2007	-0.447	0.096	773	-4.64	0.001
Yr*Hab	TT	1997	O	2007	-0.221	0.083	774	-2.67	0.405
Yr*Hab	TT	1997	R	2007	-0.456	0.092	773	-4.96	0.000
Yr*Hab	TT	1997	S	2007	-0.528	0.066	774	-8.04	<.0001
Yr*Hab	TT	1997	TT	2007	-0.123	0.077	708	-1.59	0.983
Yr*Hab	GC	2007	L	2007	-0.247	0.146	702	-1.69	0.968
Yr*Hab	GC	2007	O	2007	-0.022	0.138	674	-0.16	1.000
Yr*Hab	GC	2007	R	2007	-0.257	0.144	694	-1.79	0.947
Yr*Hab	GC	2007	S	2007	-0.328	0.128	641	-2.56	0.488
Yr*Hab	GC	2007	TT	2007	0.077	0.136	652	0.56	1.000
Yr*Hab	L	2007	O	2007	0.225	0.102	774	2.21	0.748
Yr*Hab	L	2007	R	2007	-0.009	0.110	774	-0.08	1.000
Yr*Hab	L	2007	S	2007	-0.081	0.089	773	-0.91	1.000
Yr*Hab	L	2007	TT	2007	0.324	0.100	765	3.25	0.106
Yr*Hab	O	2007	R	2007	-0.235	0.098	773	-2.39	0.615
Yr*Hab	O	2007	S	2007	-0.306	0.074	761	-4.13	0.005
Yr*Hab	O	2007	TT	2007	0.099	0.087	744	1.13	1.000
Yr*Hab	R	2007	S	2007	-0.072	0.084	768	-0.85	1.000
Yr*Hab	R	2007	TT	2007	0.333	0.096	761	3.49	0.053

Yr*Hab	S	2007	TT	2007	0.405	0.071	693	5.71	<.0001
Mariana Fruit-Dove									
Hab	GC		L		-0.318	0.098	317	-3.26	0.015
Hab	GC		O		0.010	0.091	302	0.11	1.000
Hab	GC		R		0.013	0.098	306	0.13	1.000
Hab	GC		S		-0.253	0.088	287	-2.88	0.048
Hab	GC		TT		-0.070	0.090	296	-0.78	0.971
Hab	L		O		0.328	0.060	557	5.44	<.0001
Hab	L		R		0.331	0.071	466	4.68	<.0001
Hab	L		S		0.065	0.055	566	1.19	0.844
Hab	L		TT		0.248	0.059	523	4.18	0.001
Hab	O		R		0.003	0.060	542	0.04	1.000
Hab	O		S		-0.263	0.042	683	-6.27	<.0001
Hab	O		TT		-0.080	0.047	584	-1.69	0.538
Hab	R		S		-0.265	0.056	465	-4.71	<.0001
Hab	R		TT		-0.083	0.059	479	-1.39	0.732
Hab	S		TT		0.183	0.042	525	4.36	0.000
Collared Kingfisher									
Yr		1982		1997	-0.072	0.023	533	-3.15	0.005
Yr		1982		2007	-0.043	0.022	593	-1.97	0.120
Yr		1997		2007	0.029	0.022	593	1.29	0.399
Micronesian Myzomela									
Yr		1982		1997	-0.018	0.091	535	-0.20	0.978
Yr		1982		2007	-0.277	0.088	582	-3.14	0.005
Yr		1997		2007	-0.259	0.088	582	-2.94	0.010
Hab	GC		L		-0.202	0.221	308	-0.91	0.944
Hab	GC		O		-0.181	0.206	296	-0.88	0.951
Hab	GC		R		-0.612	0.221	298	-2.77	0.064
Hab	GC		S		-0.648	0.198	280	-3.27	0.015
Hab	GC		TT		0.189	0.203	287	0.93	0.938
Hab	L		O		0.020	0.142	504	0.14	1.000
Hab	L		R		-0.411	0.164	431	-2.50	0.125
Hab	L		S		-0.446	0.130	510	-3.44	0.008
Hab	L		TT		0.391	0.139	470	2.82	0.056
Hab	O		R		-0.431	0.140	495	-3.08	0.027
Hab	O		S		-0.467	0.100	616	-4.67	<.0001
Hab	O		TT		0.371	0.111	520	3.32	0.012
Hab	R		S		-0.035	0.131	426	-0.27	1.000
Hab	R		TT		0.802	0.138	435	5.81	<.0001
Hab	S		TT		0.837	0.098	459	8.55	<.0001
Yr*Hab	GC	1982	L	1982	0.251	0.336	742	0.75	1.000
Yr*Hab	GC	1982	O	1982	0.022	0.308	736	0.07	1.000
Yr*Hab	GC	1982	R	1982	-0.121	0.336	738	-0.36	1.000
Yr*Hab	GC	1982	S	1982	-0.256	0.298	733	-0.86	1.000

Yr*Hab	GC	1982	TT	1982	0.423	0.303	734	1.40	0.996
Yr*Hab	GC	1982	GC	1997	0.050	0.355	535	0.14	1.000
Yr*Hab	GC	1982	L	1997	0.341	0.336	742	1.02	1.000
Yr*Hab	GC	1982	O	1997	0.177	0.308	736	0.57	1.000
Yr*Hab	GC	1982	R	1997	-0.237	0.336	738	-0.71	1.000
Yr*Hab	GC	1982	S	1997	-0.456	0.298	733	-1.53	0.988
Yr*Hab	GC	1982	TT	1997	0.335	0.303	734	1.11	1.000
Yr*Hab	GC	1982	GC	2007	0.541	0.341	584	1.59	0.983
Yr*Hab	GC	1982	L	2007	-0.606	0.326	747	-1.86	0.926
Yr*Hab	GC	1982	O	2007	-0.152	0.310	739	-0.49	1.000
Yr*Hab	GC	1982	R	2007	-0.888	0.321	741	-2.77	0.337
Yr*Hab	GC	1982	S	2007	-0.640	0.293	722	-2.19	0.761
Yr*Hab	GC	1982	TT	2007	0.401	0.307	734	1.31	0.998
Yr*Hab	L	1982	O	1982	-0.229	0.223	772	-1.03	1.000
Yr*Hab	L	1982	R	1982	-0.372	0.260	766	-1.43	0.994
Yr*Hab	L	1982	S	1982	-0.507	0.208	773	-2.43	0.584
Yr*Hab	L	1982	TT	1982	0.172	0.215	772	0.80	1.000
Yr*Hab	L	1982	GC	1997	-0.201	0.336	742	-0.60	1.000
Yr*Hab	L	1982	L	1997	0.090	0.234	535	0.39	1.000
Yr*Hab	L	1982	O	1997	-0.074	0.223	772	-0.33	1.000
Yr*Hab	L	1982	R	1997	-0.488	0.260	766	-1.88	0.919
Yr*Hab	L	1982	S	1997	-0.707	0.208	773	-3.39	0.070
Yr*Hab	L	1982	TT	1997	0.084	0.215	772	0.39	1.000
Yr*Hab	L	1982	GC	2007	0.290	0.318	689	0.91	1.000
Yr*Hab	L	1982	L	2007	-0.856	0.231	632	-3.71	0.025
Yr*Hab	L	1982	O	2007	-0.402	0.225	773	-1.79	0.946
Yr*Hab	L	1982	R	2007	-1.139	0.240	771	-4.75	0.000
Yr*Hab	L	1982	S	2007	-0.891	0.199	773	-4.49	0.001
Yr*Hab	L	1982	TT	2007	0.151	0.221	768	0.68	1.000
Yr*Hab	O	1982	R	1982	-0.143	0.223	771	-0.64	1.000
Yr*Hab	O	1982	S	1982	-0.278	0.161	774	-1.73	0.960
Yr*Hab	O	1982	TT	1982	0.401	0.169	774	2.37	0.629
Yr*Hab	O	1982	GC	1997	0.028	0.308	736	0.09	1.000
Yr*Hab	O	1982	L	1997	0.319	0.223	772	1.43	0.994
Yr*Hab	O	1982	O	1997	0.155	0.162	535	0.96	1.000
Yr*Hab	O	1982	R	1997	-0.259	0.223	771	-1.16	1.000
Yr*Hab	O	1982	S	1997	-0.478	0.161	774	-2.98	0.215
Yr*Hab	O	1982	TT	1997	0.313	0.169	774	1.85	0.928
Yr*Hab	O	1982	GC	2007	0.519	0.289	666	1.79	0.945
Yr*Hab	O	1982	L	2007	-0.628	0.207	773	-3.04	0.186
Yr*Hab	O	1982	O	2007	-0.174	0.174	700	-1.00	1.000
Yr*Hab	O	1982	R	2007	-0.910	0.196	766	-4.64	0.001
Yr*Hab	O	1982	S	2007	-0.663	0.147	770	-4.51	0.001
Yr*Hab	O	1982	TT	2007	0.379	0.177	767	2.14	0.789
Yr*Hab	R	1982	S	1982	-0.135	0.209	766	-0.64	1.000
Yr*Hab	R	1982	TT	1982	0.544	0.215	768	2.53	0.511
Yr*Hab	R	1982	GC	1997	0.171	0.336	738	0.51	1.000

Yr*Hab	R	1982	L	1997	0.462	0.260	766	1.78	0.949
Yr*Hab	R	1982	O	1997	0.298	0.223	771	1.34	0.997
Yr*Hab	R	1982	R	1997	-0.116	0.234	535	-0.50	1.000
Yr*Hab	R	1982	S	1997	-0.335	0.209	766	-1.60	0.981
Yr*Hab	R	1982	TT	1997	0.456	0.215	768	2.12	0.805
Yr*Hab	R	1982	GC	2007	0.662	0.319	682	2.08	0.829
Yr*Hab	R	1982	L	2007	-0.485	0.247	771	-1.96	0.886
Yr*Hab	R	1982	O	2007	-0.031	0.225	771	-0.14	1.000
Yr*Hab	R	1982	R	2007	-0.767	0.223	623	-3.44	0.062
Yr*Hab	R	1982	S	2007	-0.519	0.200	762	-2.59	0.460
Yr*Hab	R	1982	TT	2007	0.522	0.222	759	2.35	0.644
Yr*Hab	S	1982	TT	1982	0.679	0.150	773	4.52	0.001
Yr*Hab	S	1982	GC	1997	0.306	0.298	733	1.02	1.000
Yr*Hab	S	1982	L	1997	0.597	0.208	773	2.87	0.276
Yr*Hab	S	1982	O	1997	0.433	0.161	774	2.69	0.387
Yr*Hab	S	1982	R	1997	0.019	0.209	766	0.09	1.000
Yr*Hab	S	1982	S	1997	-0.200	0.128	535	-1.57	0.985
Yr*Hab	S	1982	TT	1997	0.591	0.150	773	3.93	0.011
Yr*Hab	S	1982	GC	2007	0.797	0.278	659	2.86	0.277
Yr*Hab	S	1982	L	2007	-0.350	0.190	763	-1.84	0.931
Yr*Hab	S	1982	O	2007	0.104	0.161	755	0.65	1.000
Yr*Hab	S	1982	R	2007	-0.632	0.184	774	-3.44	0.061
Yr*Hab	S	1982	S	2007	-0.385	0.120	673	-3.22	0.117
Yr*Hab	S	1982	TT	2007	0.657	0.160	755	4.10	0.006
Yr*Hab	TT	1982	GC	1997	-0.373	0.303	734	-1.23	0.999
Yr*Hab	TT	1982	L	1997	-0.082	0.215	772	-0.38	1.000
Yr*Hab	TT	1982	O	1997	-0.246	0.169	774	-1.46	0.993
Yr*Hab	TT	1982	R	1997	-0.660	0.215	768	-3.07	0.173
Yr*Hab	TT	1982	S	1997	-0.879	0.150	773	-5.85	<.0001
Yr*Hab	TT	1982	TT	1997	-0.088	0.144	535	-0.61	1.000
Yr*Hab	TT	1982	GC	2007	0.118	0.284	657	0.42	1.000
Yr*Hab	TT	1982	L	2007	-1.029	0.198	773	-5.19	<.0001
Yr*Hab	TT	1982	O	2007	-0.575	0.171	771	-3.36	0.077
Yr*Hab	TT	1982	R	2007	-1.311	0.189	773	-6.93	<.0001
Yr*Hab	TT	1982	S	2007	-1.063	0.136	774	-7.84	<.0001
Yr*Hab	TT	1982	TT	2007	-0.022	0.156	663	-0.14	1.000
Yr*Hab	GC	1997	L	1997	0.291	0.336	742	0.87	1.000
Yr*Hab	GC	1997	O	1997	0.127	0.308	736	0.41	1.000
Yr*Hab	GC	1997	R	1997	-0.287	0.336	738	-0.85	1.000
Yr*Hab	GC	1997	S	1997	-0.506	0.298	733	-1.70	0.967
Yr*Hab	GC	1997	TT	1997	0.285	0.303	734	0.94	1.000
Yr*Hab	GC	1997	GC	2007	0.491	0.341	584	1.44	0.994
Yr*Hab	GC	1997	L	2007	-0.656	0.326	747	-2.01	0.863
Yr*Hab	GC	1997	O	2007	-0.202	0.310	739	-0.65	1.000
Yr*Hab	GC	1997	R	2007	-0.938	0.321	741	-2.92	0.243
Yr*Hab	GC	1997	S	2007	-0.690	0.293	722	-2.36	0.640
Yr*Hab	GC	1997	TT	2007	0.351	0.307	734	1.15	1.000

Yr*Hab	L	1997	O	1997	-0.164	0.223	772	-0.74	1.000
Yr*Hab	L	1997	R	1997	-0.578	0.260	766	-2.23	0.735
Yr*Hab	L	1997	S	1997	-0.797	0.208	773	-3.83	0.017
Yr*Hab	L	1997	TT	1997	-0.006	0.215	772	-0.03	1.000
Yr*Hab	L	1997	GC	2007	0.200	0.318	689	0.63	1.000
Yr*Hab	L	1997	L	2007	-0.947	0.231	632	-4.10	0.006
Yr*Hab	L	1997	O	2007	-0.493	0.225	773	-2.19	0.760
Yr*Hab	L	1997	R	2007	-1.229	0.240	771	-5.12	<.0001
Yr*Hab	L	1997	S	2007	-0.981	0.199	773	-4.94	0.000
Yr*Hab	L	1997	TT	2007	0.060	0.221	768	0.27	1.000
Yr*Hab	O	1997	R	1997	-0.414	0.223	771	-1.86	0.926
Yr*Hab	O	1997	S	1997	-0.633	0.161	774	-3.94	0.011
Yr*Hab	O	1997	TT	1997	0.158	0.169	774	0.94	1.000
Yr*Hab	O	1997	GC	2007	0.364	0.289	666	1.26	0.999
Yr*Hab	O	1997	L	2007	-0.783	0.207	773	-3.79	0.019
Yr*Hab	O	1997	O	2007	-0.329	0.174	700	-1.89	0.917
Yr*Hab	O	1997	R	2007	-1.065	0.196	766	-5.43	<.0001
Yr*Hab	O	1997	S	2007	-0.817	0.147	770	-5.56	<.0001
Yr*Hab	O	1997	TT	2007	0.224	0.177	767	1.27	0.999
Yr*Hab	R	1997	S	1997	-0.219	0.209	766	-1.05	1.000
Yr*Hab	R	1997	TT	1997	0.572	0.215	768	2.66	0.413
Yr*Hab	R	1997	GC	2007	0.778	0.319	682	2.44	0.576
Yr*Hab	R	1997	L	2007	-0.369	0.247	771	-1.49	0.991
Yr*Hab	R	1997	O	2007	0.086	0.225	771	0.38	1.000
Yr*Hab	R	1997	R	2007	-0.651	0.223	623	-2.92	0.247
Yr*Hab	R	1997	S	2007	-0.403	0.200	762	-2.01	0.862
Yr*Hab	R	1997	TT	2007	0.638	0.222	759	2.88	0.269
Yr*Hab	S	1997	TT	1997	0.791	0.150	773	5.27	<.0001
Yr*Hab	S	1997	GC	2007	0.997	0.278	659	3.58	0.039
Yr*Hab	S	1997	L	2007	-0.150	0.190	763	-0.79	1.000
Yr*Hab	S	1997	O	2007	0.305	0.161	755	1.89	0.915
Yr*Hab	S	1997	R	2007	-0.432	0.184	774	-2.35	0.645
Yr*Hab	S	1997	S	2007	-0.184	0.120	673	-1.54	0.987
Yr*Hab	S	1997	TT	2007	0.857	0.160	755	5.36	<.0001
Yr*Hab	TT	1997	GC	2007	0.206	0.284	657	0.73	1.000
Yr*Hab	TT	1997	L	2007	-0.941	0.198	773	-4.74	0.000
Yr*Hab	TT	1997	O	2007	-0.487	0.171	771	-2.85	0.286
Yr*Hab	TT	1997	R	2007	-1.223	0.189	773	-6.46	<.0001
Yr*Hab	TT	1997	S	2007	-0.975	0.136	774	-7.19	<.0001
Yr*Hab	TT	1997	TT	2007	0.066	0.156	663	0.43	1.000
Yr*Hab	GC	2007	L	2007	-1.147	0.308	694	-3.72	0.024
Yr*Hab	GC	2007	O	2007	-0.693	0.292	672	-2.37	0.627
Yr*Hab	GC	2007	R	2007	-1.429	0.303	681	-4.72	0.000
Yr*Hab	GC	2007	S	2007	-1.181	0.273	635	-4.33	0.002
Yr*Hab	GC	2007	TT	2007	-0.140	0.289	655	-0.48	1.000
Yr*Hab	L	2007	O	2007	0.454	0.210	773	2.16	0.781
Yr*Hab	L	2007	R	2007	-0.282	0.226	774	-1.25	0.999

Yr*Hab	L	2007	S	2007	-0.035	0.183	773	-0.19	1.000
Yr*Hab	L	2007	TT	2007	1.007	0.207	772	4.87	0.000
Yr*Hab	O	2007	R	2007	-0.736	0.203	774	-3.64	0.032
Yr*Hab	O	2007	S	2007	-0.489	0.153	774	-3.18	0.127
Yr*Hab	O	2007	TT	2007	0.553	0.181	769	3.05	0.180
Yr*Hab	R	2007	S	2007	0.248	0.174	772	1.42	0.995
Yr*Hab	R	2007	TT	2007	1.289	0.199	769	6.49	<.0001
Yr*Hab	S	2007	TT	2007	1.042	0.149	743	7.00	<.0001

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Yr		1982		1997	0.208	0.076	522	2.73	0.018
Yr		1982		2007	0.585	0.074	566	7.92	<.0001
Yr		1997		2007	0.377	0.074	566	5.10	<.0001
Hab	GC		L		-0.163	0.193	300	-0.84	0.959
Hab	GC		O		0.444	0.179	287	2.48	0.133
Hab	GC		R		0.297	0.192	290	1.55	0.635
Hab	GC		S		0.029	0.173	272	0.17	1.000
Hab	GC		TT		-0.184	0.177	279	-1.04	0.904
Hab	L		O		0.606	0.122	510	4.97	<.0001
Hab	L		R		0.460	0.142	430	3.25	0.016
Hab	L		S		0.191	0.112	517	1.71	0.523
Hab	L		TT		-0.022	0.120	475	-0.18	1.000
Hab	O		R		-0.146	0.121	499	-1.21	0.831
Hab	O		S		-0.415	0.086	631	-4.84	<.0001
Hab	O		TT		-0.628	0.096	531	-6.55	<.0001
Hab	R		S		-0.269	0.113	426	-2.38	0.167
Hab	R		TT		-0.482	0.119	437	-4.04	0.001
Hab	S		TT		-0.213	0.084	469	-2.53	0.119
Yr*Hab	GC	1982	L	1982	0.217	0.286	731	0.76	1.000
Yr*Hab	GC	1982	O	1982	0.906	0.263	723	3.45	0.060
Yr*Hab	GC	1982	R	1982	0.388	0.286	725	1.35	0.997
Yr*Hab	GC	1982	S	1982	0.474	0.254	718	1.86	0.925
Yr*Hab	GC	1982	TT	1982	0.190	0.258	720	0.74	1.000
Yr*Hab	GC	1982	GC	1997	0.950	0.296	522	3.20	0.121
Yr*Hab	GC	1982	L	1997	0.196	0.286	731	0.69	1.000
Yr*Hab	GC	1982	O	1997	1.021	0.263	723	3.89	0.013
Yr*Hab	GC	1982	R	1997	0.694	0.286	725	2.42	0.590
Yr*Hab	GC	1982	S	1997	0.384	0.254	718	1.51	0.990
Yr*Hab	GC	1982	TT	1997	0.176	0.258	720	0.68	1.000
Yr*Hab	GC	1982	GC	2007	0.718	0.286	567	2.51	0.520
Yr*Hab	GC	1982	L	2007	0.768	0.278	736	2.77	0.338
Yr*Hab	GC	1982	O	2007	1.072	0.265	727	4.05	0.007
Yr*Hab	GC	1982	R	2007	1.479	0.273	729	5.41	<.0001
Yr*Hab	GC	1982	S	2007	0.897	0.250	706	3.59	0.038
Yr*Hab	GC	1982	TT	2007	0.749	0.261	722	2.86	0.276
Yr*Hab	L	1982	O	1982	0.689	0.189	772	3.65	0.031
Yr*Hab	L	1982	R	1982	0.171	0.221	764	0.77	1.000

Yr*Hab	L	1982	S	1982	0.257	0.177	773	1.45	0.993
Yr*Hab	L	1982	TT	1982	-0.027	0.182	771	-0.15	1.000
Yr*Hab	L	1982	GC	1997	0.733	0.286	731	2.56	0.482
Yr*Hab	L	1982	L	1997	-0.021	0.195	522	-0.11	1.000
Yr*Hab	L	1982	O	1997	0.805	0.189	772	4.26	0.003
Yr*Hab	L	1982	R	1997	0.477	0.221	764	2.16	0.778
Yr*Hab	L	1982	S	1997	0.168	0.177	773	0.95	1.000
Yr*Hab	L	1982	TT	1997	-0.041	0.182	771	-0.22	1.000
Yr*Hab	L	1982	GC	2007	0.502	0.272	679	1.84	0.930
Yr*Hab	L	1982	L	2007	0.551	0.194	618	2.84	0.289
Yr*Hab	L	1982	O	2007	0.855	0.191	774	4.48	0.001
Yr*Hab	L	1982	R	2007	1.262	0.204	771	6.20	<.0001
Yr*Hab	L	1982	S	2007	0.680	0.168	773	4.04	0.008
Yr*Hab	L	1982	TT	2007	0.532	0.188	769	2.84	0.293
Yr*Hab	O	1982	R	1982	-0.518	0.189	771	-2.74	0.355
Yr*Hab	O	1982	S	1982	-0.432	0.136	773	-3.18	0.131
Yr*Hab	O	1982	TT	1982	-0.716	0.143	774	-5.00	0.000
Yr*Hab	O	1982	GC	1997	0.044	0.263	723	0.17	1.000
Yr*Hab	O	1982	L	1997	-0.710	0.189	772	-3.76	0.021
Yr*Hab	O	1982	O	1997	0.116	0.135	522	0.85	1.000
Yr*Hab	O	1982	R	1997	-0.212	0.189	771	-1.12	1.000
Yr*Hab	O	1982	S	1997	-0.521	0.136	773	-3.83	0.017
Yr*Hab	O	1982	TT	1997	-0.730	0.143	774	-5.09	<.0001
Yr*Hab	O	1982	GC	2007	-0.188	0.248	654	-0.76	1.000
Yr*Hab	O	1982	L	2007	-0.138	0.175	772	-0.79	1.000
Yr*Hab	O	1982	O	2007	0.166	0.147	685	1.13	1.000
Yr*Hab	O	1982	R	2007	0.573	0.166	764	3.45	0.059
Yr*Hab	O	1982	S	2007	-0.009	0.124	767	-0.07	1.000
Yr*Hab	O	1982	TT	2007	-0.157	0.150	769	-1.04	1.000
Yr*Hab	R	1982	S	1982	0.086	0.178	764	0.48	1.000
Yr*Hab	R	1982	TT	1982	-0.198	0.183	766	-1.08	1.000
Yr*Hab	R	1982	GC	1997	0.562	0.286	725	1.96	0.885
Yr*Hab	R	1982	L	1997	-0.192	0.221	764	-0.87	1.000
Yr*Hab	R	1982	O	1997	0.634	0.189	771	3.35	0.080
Yr*Hab	R	1982	R	1997	0.306	0.195	522	1.57	0.985
Yr*Hab	R	1982	S	1997	-0.003	0.178	764	-0.02	1.000
Yr*Hab	R	1982	TT	1997	-0.212	0.183	766	-1.16	1.000
Yr*Hab	R	1982	GC	2007	0.331	0.272	670	1.21	0.999
Yr*Hab	R	1982	L	2007	0.380	0.210	770	1.81	0.940
Yr*Hab	R	1982	O	2007	0.684	0.191	772	3.57	0.040
Yr*Hab	R	1982	R	2007	1.091	0.187	610	5.83	<.0001
Yr*Hab	R	1982	S	2007	0.509	0.170	761	2.99	0.208
Yr*Hab	R	1982	TT	2007	0.361	0.189	759	1.91	0.906
Yr*Hab	S	1982	TT	1982	-0.284	0.127	773	-2.23	0.735
Yr*Hab	S	1982	GC	1997	0.476	0.254	718	1.87	0.921
Yr*Hab	S	1982	L	1997	-0.278	0.177	773	-1.57	0.984
Yr*Hab	S	1982	O	1997	0.548	0.136	773	4.02	0.008

Yr*Hab	S	1982	R	1997	0.220	0.178	764	1.24	0.999
Yr*Hab	S	1982	S	1997	-0.089	0.107	522	-0.84	1.000
Yr*Hab	S	1982	TT	1997	-0.297	0.127	773	-2.33	0.658
Yr*Hab	S	1982	GC	2007	0.245	0.238	646	1.03	1.000
Yr*Hab	S	1982	L	2007	0.294	0.161	761	1.83	0.934
Yr*Hab	S	1982	O	2007	0.598	0.136	747	4.39	0.002
Yr*Hab	S	1982	R	2007	1.005	0.156	774	6.45	<.0001
Yr*Hab	S	1982	S	2007	0.423	0.101	657	4.21	0.004
Yr*Hab	S	1982	TT	2007	0.275	0.136	759	2.02	0.857
Yr*Hab	TT	1982	GC	1997	0.760	0.258	720	2.95	0.231
Yr*Hab	TT	1982	L	1997	0.006	0.182	771	0.03	1.000
Yr*Hab	TT	1982	O	1997	0.832	0.143	774	5.80	<.0001
Yr*Hab	TT	1982	R	1997	0.504	0.183	766	2.76	0.345
Yr*Hab	TT	1982	S	1997	0.195	0.127	773	1.53	0.989
Yr*Hab	TT	1982	TT	1997	-0.014	0.120	522	-0.11	1.000
Yr*Hab	TT	1982	GC	2007	0.528	0.243	644	2.18	0.767
Yr*Hab	TT	1982	L	2007	0.578	0.168	772	3.44	0.061
Yr*Hab	TT	1982	O	2007	0.882	0.145	768	6.10	<.0001
Yr*Hab	TT	1982	R	2007	1.289	0.160	773	8.04	<.0001
Yr*Hab	TT	1982	S	2007	0.707	0.115	774	6.15	<.0001
Yr*Hab	TT	1982	TT	2007	0.559	0.131	643	4.27	0.003
Yr*Hab	GC	1997	L	1997	-0.754	0.286	731	-2.64	0.428
Yr*Hab	GC	1997	O	1997	0.072	0.263	723	0.27	1.000
Yr*Hab	GC	1997	R	1997	-0.256	0.286	725	-0.89	1.000
Yr*Hab	GC	1997	S	1997	-0.565	0.254	718	-2.22	0.737
Yr*Hab	GC	1997	TT	1997	-0.774	0.258	720	-3.00	0.204
Yr*Hab	GC	1997	GC	2007	-0.232	0.286	567	-0.81	1.000
Yr*Hab	GC	1997	L	2007	-0.182	0.278	736	-0.66	1.000
Yr*Hab	GC	1997	O	2007	0.122	0.265	727	0.46	1.000
Yr*Hab	GC	1997	R	2007	0.529	0.273	729	1.94	0.897
Yr*Hab	GC	1997	S	2007	-0.053	0.250	706	-0.21	1.000
Yr*Hab	GC	1997	TT	2007	-0.201	0.261	722	-0.77	1.000
Yr*Hab	L	1997	O	1997	0.826	0.189	772	4.37	0.002
Yr*Hab	L	1997	R	1997	0.498	0.221	764	2.26	0.714
Yr*Hab	L	1997	S	1997	0.189	0.177	773	1.07	1.000
Yr*Hab	L	1997	TT	1997	-0.020	0.182	771	-0.11	1.000
Yr*Hab	L	1997	GC	2007	0.522	0.272	679	1.92	0.903
Yr*Hab	L	1997	L	2007	0.572	0.194	618	2.95	0.228
Yr*Hab	L	1997	O	2007	0.876	0.191	774	4.59	0.001
Yr*Hab	L	1997	R	2007	1.283	0.204	771	6.30	<.0001
Yr*Hab	L	1997	S	2007	0.701	0.168	773	4.16	0.005
Yr*Hab	L	1997	TT	2007	0.553	0.188	769	2.95	0.230
Yr*Hab	O	1997	R	1997	-0.328	0.189	771	-1.73	0.960
Yr*Hab	O	1997	S	1997	-0.637	0.136	773	-4.68	0.001
Yr*Hab	O	1997	TT	1997	-0.845	0.143	774	-5.90	<.0001
Yr*Hab	O	1997	GC	2007	-0.303	0.248	654	-1.22	0.999
Yr*Hab	O	1997	L	2007	-0.254	0.175	772	-1.45	0.994

Yr*Hab	O	1997	O	2007	0.050	0.147	685	0.34	1.000
Yr*Hab	O	1997	R	2007	0.457	0.166	764	2.75	0.345
Yr*Hab	O	1997	S	2007	-0.125	0.124	767	-1.00	1.000
Yr*Hab	O	1997	TT	2007	-0.273	0.150	769	-1.81	0.939
Yr*Hab	R	1997	S	1997	-0.309	0.178	764	-1.74	0.958
Yr*Hab	R	1997	TT	1997	-0.518	0.183	766	-2.83	0.297
Yr*Hab	R	1997	GC	2007	0.025	0.272	670	0.09	1.000
Yr*Hab	R	1997	L	2007	0.074	0.210	770	0.35	1.000
Yr*Hab	R	1997	O	2007	0.378	0.191	772	1.97	0.880
Yr*Hab	R	1997	R	2007	0.785	0.187	610	4.19	0.004
Yr*Hab	R	1997	S	2007	0.203	0.170	761	1.19	0.999
Yr*Hab	R	1997	TT	2007	0.055	0.189	759	0.29	1.000
Yr*Hab	S	1997	TT	1997	-0.208	0.127	773	-1.63	0.977
Yr*Hab	S	1997	GC	2007	0.334	0.238	646	1.40	0.996
Yr*Hab	S	1997	L	2007	0.383	0.161	761	2.39	0.617
Yr*Hab	S	1997	O	2007	0.687	0.136	747	5.05	<.0001
Yr*Hab	S	1997	R	2007	1.094	0.156	774	7.02	<.0001
Yr*Hab	S	1997	S	2007	0.512	0.101	657	5.10	<.0001
Yr*Hab	S	1997	TT	2007	0.365	0.136	759	2.68	0.398
Yr*Hab	TT	1997	GC	2007	0.542	0.243	644	2.23	0.729
Yr*Hab	TT	1997	L	2007	0.592	0.168	772	3.52	0.047
Yr*Hab	TT	1997	O	2007	0.896	0.145	768	6.19	<.0001
Yr*Hab	TT	1997	R	2007	1.303	0.160	773	8.12	<.0001
Yr*Hab	TT	1997	S	2007	0.720	0.115	774	6.27	<.0001
Yr*Hab	TT	1997	TT	2007	0.573	0.131	643	4.38	0.002
Yr*Hab	GC	2007	L	2007	0.049	0.263	684	0.19	1.000
Yr*Hab	GC	2007	O	2007	0.353	0.249	663	1.42	0.995
Yr*Hab	GC	2007	R	2007	0.761	0.259	670	2.94	0.235
Yr*Hab	GC	2007	S	2007	0.178	0.233	622	0.76	1.000
Yr*Hab	GC	2007	TT	2007	0.031	0.247	646	0.12	1.000
Yr*Hab	L	2007	O	2007	0.304	0.178	771	1.71	0.965
Yr*Hab	L	2007	R	2007	0.711	0.192	774	3.71	0.025
Yr*Hab	L	2007	S	2007	0.129	0.155	772	0.83	1.000
Yr*Hab	L	2007	TT	2007	-0.019	0.175	773	-0.11	1.000
Yr*Hab	O	2007	R	2007	0.407	0.172	772	2.37	0.629
Yr*Hab	O	2007	S	2007	-0.175	0.130	770	-1.35	0.997
Yr*Hab	O	2007	TT	2007	-0.323	0.154	773	-2.10	0.817
Yr*Hab	R	2007	S	2007	-0.582	0.148	772	-3.93	0.011
Yr*Hab	R	2007	TT	2007	-0.730	0.169	771	-4.33	0.002
Yr*Hab	S	2007	TT	2007	-0.148	0.127	753	-1.17	1.000

Nightingale Reed-Warbler

Yr		1982		1997	0.140	0.036	533	3.94	0.000
Yr		1982		2007	0.225	0.034	586	6.57	<.0001
Yr		1997		2007	0.085	0.034	586	2.49	0.035
Hab	GC		L		0.032	0.081	297	0.39	0.999
Hab	GC		O		-0.033	0.076	286	-0.44	0.998

Hab	GC		R		-0.057	0.081	288	-0.71	0.981
Hab	GC		S		-0.078	0.073	270	-1.07	0.894
Hab	GC		TT		-0.171	0.075	276	-2.29	0.199
Hab	L		O		-0.065	0.053	477	-1.24	0.819
Hab	L		R		-0.090	0.061	412	-1.47	0.685
Hab	L		S		-0.110	0.048	481	-2.26	0.213
Hab	L		TT		-0.203	0.052	442	-3.93	0.001
Hab	O		R		-0.024	0.052	470	-0.46	0.997
Hab	O		S		-0.044	0.038	577	-1.17	0.849
Hab	O		TT		-0.138	0.042	485	-3.30	0.013
Hab	R		S		-0.020	0.049	404	-0.41	0.999
Hab	R		TT		-0.114	0.051	410	-2.21	0.234
Hab	S		TT		-0.093	0.036	423	-2.57	0.108
Yr*Hab	GC	1982	L	1982	0.156	0.128	753	1.22	0.999
Yr*Hab	GC	1982	O	1982	0.075	0.117	749	0.64	1.000
Yr*Hab	GC	1982	R	1982	-0.178	0.128	750	-1.40	0.996
Yr*Hab	GC	1982	S	1982	0.062	0.113	747	0.54	1.000
Yr*Hab	GC	1982	TT	1982	-0.032	0.115	748	-0.28	1.000
Yr*Hab	GC	1982	GC	1997	0.230	0.138	533	1.66	0.972
Yr*Hab	GC	1982	L	1997	0.197	0.128	753	1.54	0.987
Yr*Hab	GC	1982	O	1997	0.181	0.117	749	1.55	0.987
Yr*Hab	GC	1982	R	1997	0.294	0.128	750	2.31	0.679
Yr*Hab	GC	1982	S	1997	0.106	0.113	747	0.94	1.000
Yr*Hab	GC	1982	TT	1997	-0.086	0.115	748	-0.75	1.000
Yr*Hab	GC	1982	GC	2007	0.330	0.133	592	2.49	0.543
Yr*Hab	GC	1982	L	2007	0.304	0.124	756	2.45	0.570
Yr*Hab	GC	1982	O	2007	0.204	0.118	749	1.73	0.961
Yr*Hab	GC	1982	R	2007	0.271	0.122	753	2.23	0.736
Yr*Hab	GC	1982	S	2007	0.160	0.111	737	1.44	0.994
Yr*Hab	GC	1982	TT	2007	0.165	0.117	744	1.42	0.995
Yr*Hab	L	1982	O	1982	-0.081	0.085	772	-0.96	1.000
Yr*Hab	L	1982	R	1982	-0.334	0.099	768	-3.37	0.074
Yr*Hab	L	1982	S	1982	-0.094	0.080	773	-1.18	0.999
Yr*Hab	L	1982	TT	1982	-0.188	0.082	772	-2.29	0.688
Yr*Hab	L	1982	GC	1997	0.074	0.128	753	0.58	1.000
Yr*Hab	L	1982	L	1997	0.041	0.091	533	0.45	1.000
Yr*Hab	L	1982	O	1997	0.025	0.085	772	0.30	1.000
Yr*Hab	L	1982	R	1997	0.138	0.099	768	1.40	0.996
Yr*Hab	L	1982	S	1997	-0.050	0.080	773	-0.63	1.000
Yr*Hab	L	1982	TT	1997	-0.242	0.082	772	-2.95	0.226
Yr*Hab	L	1982	GC	2007	0.174	0.120	693	1.44	0.994
Yr*Hab	L	1982	L	2007	0.148	0.090	639	1.65	0.975
Yr*Hab	L	1982	O	2007	0.048	0.086	773	0.56	1.000
Yr*Hab	L	1982	R	2007	0.116	0.092	772	1.26	0.999
Yr*Hab	L	1982	S	2007	0.004	0.076	772	0.05	1.000
Yr*Hab	L	1982	TT	2007	0.009	0.084	766	0.11	1.000
Yr*Hab	O	1982	R	1982	-0.253	0.085	771	-2.97	0.216

Yr*Hab	O	1982	S	1982	-0.013	0.061	774	-0.21	1.000
Yr*Hab	O	1982	TT	1982	-0.107	0.065	774	-1.65	0.974
Yr*Hab	O	1982	GC	1997	0.156	0.117	749	1.33	0.998
Yr*Hab	O	1982	L	1997	0.122	0.085	772	1.44	0.994
Yr*Hab	O	1982	O	1997	0.107	0.063	533	1.69	0.968
Yr*Hab	O	1982	R	1997	0.220	0.085	771	2.59	0.466
Yr*Hab	O	1982	S	1997	0.031	0.061	774	0.51	1.000
Yr*Hab	O	1982	TT	1997	-0.161	0.065	774	-2.49	0.537
Yr*Hab	O	1982	GC	2007	0.255	0.109	669	2.33	0.658
Yr*Hab	O	1982	L	2007	0.229	0.079	773	2.90	0.258
Yr*Hab	O	1982	O	2007	0.129	0.067	713	1.92	0.903
Yr*Hab	O	1982	R	2007	0.197	0.075	766	2.61	0.444
Yr*Hab	O	1982	S	2007	0.085	0.056	772	1.52	0.989
Yr*Hab	O	1982	TT	2007	0.091	0.067	762	1.35	0.997
Yr*Hab	R	1982	S	1982	0.240	0.080	768	3.01	0.200
Yr*Hab	R	1982	TT	1982	0.146	0.082	769	1.78	0.949
Yr*Hab	R	1982	GC	1997	0.408	0.128	750	3.20	0.122
Yr*Hab	R	1982	L	1997	0.375	0.099	768	3.79	0.019
Yr*Hab	R	1982	O	1997	0.359	0.085	771	4.23	0.004
Yr*Hab	R	1982	R	1997	0.472	0.091	533	5.18	<.0001
Yr*Hab	R	1982	S	1997	0.284	0.080	768	3.56	0.042
Yr*Hab	R	1982	TT	1997	0.092	0.082	769	1.12	1.000
Yr*Hab	R	1982	GC	2007	0.508	0.121	687	4.21	0.004
Yr*Hab	R	1982	L	2007	0.482	0.094	772	5.11	<.0001
Yr*Hab	R	1982	O	2007	0.382	0.086	770	4.44	0.001
Yr*Hab	R	1982	R	2007	0.449	0.087	628	5.19	<.0001
Yr*Hab	R	1982	S	2007	0.338	0.076	763	4.43	0.002
Yr*Hab	R	1982	TT	2007	0.343	0.084	757	4.06	0.007
Yr*Hab	S	1982	TT	1982	-0.094	0.057	773	-1.63	0.977
Yr*Hab	S	1982	GC	1997	0.169	0.113	747	1.49	0.991
Yr*Hab	S	1982	L	1997	0.135	0.080	773	1.70	0.967
Yr*Hab	S	1982	O	1997	0.120	0.061	774	1.95	0.893
Yr*Hab	S	1982	R	1997	0.233	0.080	768	2.92	0.246
Yr*Hab	S	1982	S	1997	0.044	0.050	533	0.89	1.000
Yr*Hab	S	1982	TT	1997	-0.148	0.057	773	-2.58	0.471
Yr*Hab	S	1982	GC	2007	0.268	0.105	662	2.55	0.492
Yr*Hab	S	1982	L	2007	0.242	0.073	764	3.32	0.087
Yr*Hab	S	1982	O	2007	0.142	0.062	762	2.30	0.685
Yr*Hab	S	1982	R	2007	0.210	0.070	774	2.99	0.209
Yr*Hab	S	1982	S	2007	0.098	0.046	686	2.12	0.803
Yr*Hab	S	1982	TT	2007	0.104	0.061	746	1.70	0.966
Yr*Hab	TT	1982	GC	1997	0.262	0.115	748	2.28	0.697
Yr*Hab	TT	1982	L	1997	0.229	0.082	772	2.79	0.322
Yr*Hab	TT	1982	O	1997	0.213	0.065	774	3.31	0.091
Yr*Hab	TT	1982	R	1997	0.326	0.082	769	3.98	0.010
Yr*Hab	TT	1982	S	1997	0.138	0.057	773	2.41	0.603
Yr*Hab	TT	1982	TT	1997	-0.054	0.056	533	-0.97	1.000

Yr*Hab	TT	1982	GC	2007	0.362	0.107	660	3.38	0.073
Yr*Hab	TT	1982	L	2007	0.336	0.076	773	4.42	0.002
Yr*Hab	TT	1982	O	2007	0.236	0.065	773	3.61	0.036
Yr*Hab	TT	1982	R	2007	0.303	0.072	773	4.19	0.004
Yr*Hab	TT	1982	S	2007	0.192	0.052	774	3.70	0.026
Yr*Hab	TT	1982	TT	2007	0.197	0.060	680	3.27	0.099
Yr*Hab	GC	1997	L	1997	-0.034	0.128	753	-0.26	1.000
Yr*Hab	GC	1997	O	1997	-0.049	0.117	749	-0.42	1.000
Yr*Hab	GC	1997	R	1997	0.064	0.128	750	0.50	1.000
Yr*Hab	GC	1997	S	1997	-0.124	0.113	747	-1.10	1.000
Yr*Hab	GC	1997	TT	1997	-0.317	0.115	748	-2.75	0.346
Yr*Hab	GC	1997	GC	2007	0.099	0.133	592	0.75	1.000
Yr*Hab	GC	1997	L	2007	0.073	0.124	756	0.59	1.000
Yr*Hab	GC	1997	O	2007	-0.026	0.118	749	-0.22	1.000
Yr*Hab	GC	1997	R	2007	0.041	0.122	753	0.34	1.000
Yr*Hab	GC	1997	S	2007	-0.070	0.111	737	-0.63	1.000
Yr*Hab	GC	1997	TT	2007	-0.065	0.117	744	-0.56	1.000
Yr*Hab	L	1997	O	1997	-0.015	0.085	772	-0.18	1.000
Yr*Hab	L	1997	R	1997	0.098	0.099	768	0.99	1.000
Yr*Hab	L	1997	S	1997	-0.091	0.080	773	-1.14	1.000
Yr*Hab	L	1997	TT	1997	-0.283	0.082	772	-3.45	0.059
Yr*Hab	L	1997	GC	2007	0.133	0.120	693	1.11	1.000
Yr*Hab	L	1997	L	2007	0.107	0.090	639	1.20	0.999
Yr*Hab	L	1997	O	2007	0.007	0.086	773	0.08	1.000
Yr*Hab	L	1997	R	2007	0.075	0.092	772	0.82	1.000
Yr*Hab	L	1997	S	2007	-0.037	0.076	772	-0.49	1.000
Yr*Hab	L	1997	TT	2007	-0.031	0.084	766	-0.37	1.000
Yr*Hab	O	1997	R	1997	0.113	0.085	771	1.33	0.998
Yr*Hab	O	1997	S	1997	-0.075	0.061	774	-1.23	0.999
Yr*Hab	O	1997	TT	1997	-0.268	0.065	774	-4.15	0.005
Yr*Hab	O	1997	GC	2007	0.149	0.109	669	1.36	0.997
Yr*Hab	O	1997	L	2007	0.122	0.079	773	1.55	0.987
Yr*Hab	O	1997	O	2007	0.023	0.067	713	0.34	1.000
Yr*Hab	O	1997	R	2007	0.090	0.075	766	1.20	0.999
Yr*Hab	O	1997	S	2007	-0.021	0.056	772	-0.38	1.000
Yr*Hab	O	1997	TT	2007	-0.016	0.067	762	-0.24	1.000
Yr*Hab	R	1997	S	1997	-0.188	0.080	768	-2.36	0.637
Yr*Hab	R	1997	TT	1997	-0.381	0.082	769	-4.64	0.001
Yr*Hab	R	1997	GC	2007	0.035	0.121	687	0.29	1.000
Yr*Hab	R	1997	L	2007	0.009	0.094	772	0.10	1.000
Yr*Hab	R	1997	O	2007	-0.090	0.086	770	-1.05	1.000
Yr*Hab	R	1997	R	2007	-0.023	0.087	628	-0.26	1.000
Yr*Hab	R	1997	S	2007	-0.134	0.076	763	-1.76	0.953
Yr*Hab	R	1997	TT	2007	-0.129	0.084	757	-1.53	0.989
Yr*Hab	S	1997	TT	1997	-0.192	0.057	773	-3.35	0.080
Yr*Hab	S	1997	GC	2007	0.224	0.105	662	2.13	0.798
Yr*Hab	S	1997	L	2007	0.198	0.073	764	2.72	0.372

Yr*Hab	S	1997	O	2007	0.098	0.062	762	1.58	0.983
Yr*Hab	S	1997	R	2007	0.165	0.070	774	2.36	0.641
Yr*Hab	S	1997	S	2007	0.054	0.046	686	1.17	1.000
Yr*Hab	S	1997	TT	2007	0.059	0.061	746	0.98	1.000
Yr*Hab	TT	1997	GC	2007	0.416	0.107	660	3.89	0.013
Yr*Hab	TT	1997	L	2007	0.390	0.076	773	5.14	<.0001
Yr*Hab	TT	1997	O	2007	0.290	0.065	773	4.43	0.002
Yr*Hab	TT	1997	R	2007	0.358	0.072	773	4.94	0.000
Yr*Hab	TT	1997	S	2007	0.246	0.052	774	4.75	0.000
Yr*Hab	TT	1997	TT	2007	0.252	0.060	680	4.17	0.004
Yr*Hab	GC	2007	L	2007	-0.026	0.117	696	-0.22	1.000
Yr*Hab	GC	2007	O	2007	-0.126	0.110	670	-1.14	1.000
Yr*Hab	GC	2007	R	2007	-0.058	0.115	685	-0.51	1.000
Yr*Hab	GC	2007	S	2007	-0.170	0.103	634	-1.65	0.974
Yr*Hab	GC	2007	TT	2007	-0.164	0.109	650	-1.51	0.990
Yr*Hab	L	2007	O	2007	-0.100	0.081	774	-1.24	0.999
Yr*Hab	L	2007	R	2007	-0.032	0.086	774	-0.37	1.000
Yr*Hab	L	2007	S	2007	-0.144	0.070	774	-2.06	0.840
Yr*Hab	L	2007	TT	2007	-0.138	0.079	769	-1.75	0.955
Yr*Hab	O	2007	R	2007	0.067	0.077	774	0.87	1.000
Yr*Hab	O	2007	S	2007	-0.044	0.059	772	-0.75	1.000
Yr*Hab	O	2007	TT	2007	-0.039	0.069	759	-0.56	1.000
Yr*Hab	R	2007	S	2007	-0.112	0.067	770	-1.68	0.970
Yr*Hab	R	2007	TT	2007	-0.106	0.076	765	-1.40	0.996
Yr*Hab	S	2007	TT	2007	0.006	0.056	719	0.10	1.000

Bridled White-eye

Hab	GC		L		-0.402	0.202	283	-1.99	0.353
Hab	GC		O		-0.026	0.188	277	-0.14	1.000
Hab	GC		R		-0.006	0.201	276	-0.03	1.000
Hab	GC		S		-0.461	0.180	259	-2.56	0.110
Hab	GC		TT		-0.714	0.185	268	-3.85	0.002
Hab	L		O		0.376	0.134	413	2.80	0.060
Hab	L		R		0.396	0.153	362	2.58	0.104
Hab	L		S		-0.059	0.123	406	-0.48	0.997
Hab	L		TT		-0.312	0.131	387	-2.38	0.165
Hab	O		R		0.020	0.133	412	0.15	1.000
Hab	O		S		-0.435	0.097	484	-4.50	0.000
Hab	O		TT		-0.688	0.107	432	-6.44	<.0001
Hab	R		S		-0.455	0.122	347	-3.74	0.003
Hab	R		TT		-0.708	0.130	364	-5.46	<.0001
Hab	S		TT		-0.253	0.093	361	-2.73	0.071

Golden White-eye

Yr		1982		1997	0.380	0.130	523	2.93	0.010
Yr		1982		2007	0.597	0.125	579	4.78	<.0001
Yr		1997		2007	0.217	0.125	579	1.74	0.193

Hab	GC		L		-1.001	0.292	283	-3.43	0.009
Hab	GC		O		0.369	0.271	271	1.36	0.748
Hab	GC		R		0.192	0.291	274	0.66	0.986
Hab	GC		S		-0.716	0.260	256	-2.75	0.068
Hab	GC		TT		-0.315	0.267	261	-1.18	0.846
Hab	L		O		1.370	0.191	457	7.19	<.0001
Hab	L		R		1.192	0.219	394	5.44	<.0001
Hab	L		S		0.285	0.175	461	1.63	0.579
Hab	L		TT		0.685	0.186	422	3.69	0.004
Hab	O		R		-0.178	0.188	452	-0.94	0.935
Hab	O		S		-1.085	0.136	555	-8.00	<.0001
Hab	O		TT		-0.685	0.150	463	-4.56	<.0001
Hab	R		S		-0.908	0.175	386	-5.20	<.0001
Hab	R		TT		-0.507	0.185	391	-2.75	0.069
Hab	S		TT		0.401	0.131	400	3.06	0.029
Yr*Hab	GC	1982	L	1982	0.329	0.462	755	0.71	1.000
Yr*Hab	GC	1982	O	1982	0.624	0.424	752	1.47	0.992
Yr*Hab	GC	1982	R	1982	0.333	0.462	752	0.72	1.000
Yr*Hab	GC	1982	S	1982	-0.116	0.410	750	-0.28	1.000
Yr*Hab	GC	1982	TT	1982	0.084	0.416	750	0.20	1.000
Yr*Hab	GC	1982	GC	1997	1.269	0.505	523	2.51	0.521
Yr*Hab	GC	1982	L	1997	-0.643	0.462	755	-1.39	0.996
Yr*Hab	GC	1982	O	1997	1.468	0.424	752	3.46	0.057
Yr*Hab	GC	1982	R	1997	1.079	0.462	752	2.34	0.657
Yr*Hab	GC	1982	S	1997	0.067	0.410	750	0.16	1.000
Yr*Hab	GC	1982	TT	1997	0.295	0.416	750	0.71	1.000
Yr*Hab	GC	1982	GC	2007	1.071	0.484	586	2.21	0.744
Yr*Hab	GC	1982	L	2007	-0.348	0.449	758	-0.77	1.000
Yr*Hab	GC	1982	O	2007	1.356	0.427	750	3.17	0.131
Yr*Hab	GC	1982	R	2007	1.503	0.442	755	3.40	0.069
Yr*Hab	GC	1982	S	2007	0.241	0.402	739	0.60	1.000
Yr*Hab	GC	1982	TT	2007	1.015	0.422	745	2.41	0.603
Yr*Hab	L	1982	O	1982	0.296	0.308	772	0.96	1.000
Yr*Hab	L	1982	R	1982	0.004	0.359	768	0.01	1.000
Yr*Hab	L	1982	S	1982	-0.445	0.288	773	-1.54	0.987
Yr*Hab	L	1982	TT	1982	-0.245	0.297	772	-0.82	1.000
Yr*Hab	L	1982	GC	1997	0.940	0.462	755	2.04	0.851
Yr*Hab	L	1982	L	1997	-0.971	0.333	523	-2.92	0.246
Yr*Hab	L	1982	O	1997	1.139	0.308	772	3.70	0.026
Yr*Hab	L	1982	R	1997	0.751	0.359	768	2.09	0.820
Yr*Hab	L	1982	S	1997	-0.262	0.288	773	-0.91	1.000
Yr*Hab	L	1982	TT	1997	-0.034	0.297	772	-0.12	1.000
Yr*Hab	L	1982	GC	2007	0.742	0.435	689	1.70	0.965
Yr*Hab	L	1982	L	2007	-0.677	0.326	634	-2.07	0.830
Yr*Hab	L	1982	O	2007	1.027	0.312	772	3.30	0.094
Yr*Hab	L	1982	R	2007	1.174	0.332	772	3.54	0.045
Yr*Hab	L	1982	S	2007	-0.088	0.275	772	-0.32	1.000

Yr*Hab	L	1982	TT	2007	0.686	0.305	764	2.25	0.719
Yr*Hab	O	1982	R	1982	-0.292	0.308	771	-0.95	1.000
Yr*Hab	O	1982	S	1982	-0.740	0.223	774	-3.32	0.087
Yr*Hab	O	1982	TT	1982	-0.540	0.234	773	-2.31	0.677
Yr*Hab	O	1982	GC	1997	0.645	0.424	752	1.52	0.989
Yr*Hab	O	1982	L	1997	-1.267	0.308	772	-4.12	0.006
Yr*Hab	O	1982	O	1997	0.844	0.231	523	3.66	0.030
Yr*Hab	O	1982	R	1997	0.455	0.308	771	1.48	0.992
Yr*Hab	O	1982	S	1997	-0.558	0.223	774	-2.50	0.529
Yr*Hab	O	1982	TT	1997	-0.330	0.234	773	-1.41	0.995
Yr*Hab	O	1982	GC	2007	0.447	0.395	663	1.13	1.000
Yr*Hab	O	1982	L	2007	-0.972	0.287	773	-3.39	0.072
Yr*Hab	O	1982	O	2007	0.731	0.245	714	2.99	0.209
Yr*Hab	O	1982	R	2007	0.878	0.273	765	3.21	0.118
Yr*Hab	O	1982	S	2007	-0.383	0.204	773	-1.88	0.919
Yr*Hab	O	1982	TT	2007	0.391	0.244	760	1.60	0.981
Yr*Hab	R	1982	S	1982	-0.448	0.289	768	-1.55	0.986
Yr*Hab	R	1982	TT	1982	-0.248	0.298	769	-0.83	1.000
Yr*Hab	R	1982	GC	1997	0.937	0.462	752	2.03	0.855
Yr*Hab	R	1982	L	1997	-0.975	0.359	768	-2.72	0.369
Yr*Hab	R	1982	O	1997	1.136	0.308	771	3.69	0.027
Yr*Hab	R	1982	R	1997	0.747	0.333	523	2.24	0.724
Yr*Hab	R	1982	S	1997	-0.266	0.289	768	-0.92	1.000
Yr*Hab	R	1982	TT	1997	-0.038	0.298	769	-0.13	1.000
Yr*Hab	R	1982	GC	2007	0.738	0.436	684	1.69	0.967
Yr*Hab	R	1982	L	2007	-0.680	0.342	772	-1.99	0.873
Yr*Hab	R	1982	O	2007	1.023	0.312	770	3.28	0.098
Yr*Hab	R	1982	R	2007	1.170	0.316	622	3.71	0.026
Yr*Hab	R	1982	S	2007	-0.091	0.276	762	-0.33	1.000
Yr*Hab	R	1982	TT	2007	0.683	0.306	755	2.23	0.733
Yr*Hab	S	1982	TT	1982	0.200	0.208	773	0.96	1.000
Yr*Hab	S	1982	GC	1997	1.385	0.410	750	3.38	0.074
Yr*Hab	S	1982	L	1997	-0.527	0.288	773	-1.83	0.936
Yr*Hab	S	1982	O	1997	1.584	0.223	774	7.11	<.0001
Yr*Hab	S	1982	R	1997	1.195	0.289	768	4.14	0.005
Yr*Hab	S	1982	S	1997	0.183	0.182	523	1.00	1.000
Yr*Hab	S	1982	TT	1997	0.410	0.208	773	1.97	0.881
Yr*Hab	S	1982	GC	2007	1.187	0.380	657	3.13	0.149
Yr*Hab	S	1982	L	2007	-0.232	0.264	764	-0.88	1.000
Yr*Hab	S	1982	O	2007	1.471	0.225	763	6.55	<.0001
Yr*Hab	S	1982	R	2007	1.618	0.255	774	6.36	<.0001
Yr*Hab	S	1982	S	2007	0.357	0.168	685	2.12	0.803
Yr*Hab	S	1982	TT	2007	1.131	0.220	740	5.13	<.0001
Yr*Hab	TT	1982	GC	1997	1.185	0.416	750	2.85	0.287
Yr*Hab	TT	1982	L	1997	-0.727	0.297	772	-2.45	0.572
Yr*Hab	TT	1982	O	1997	1.384	0.234	773	5.91	<.0001
Yr*Hab	TT	1982	R	1997	0.995	0.298	769	3.35	0.081

Yr*Hab	TT	1982	S	1997	-0.018	0.208	773	-0.09	1.000
Yr*Hab	TT	1982	TT	1997	0.210	0.205	523	1.03	1.000
Yr*Hab	TT	1982	GC	2007	0.987	0.387	654	2.55	0.493
Yr*Hab	TT	1982	L	2007	-0.432	0.275	773	-1.57	0.985
Yr*Hab	TT	1982	O	2007	1.271	0.237	773	5.36	<.0001
Yr*Hab	TT	1982	R	2007	1.418	0.263	773	5.40	<.0001
Yr*Hab	TT	1982	S	2007	0.157	0.188	774	0.83	1.000
Yr*Hab	TT	1982	TT	2007	0.931	0.219	681	4.24	0.003
Yr*Hab	GC	1997	L	1997	-1.912	0.462	755	-4.14	0.005
Yr*Hab	GC	1997	O	1997	0.199	0.424	752	0.47	1.000
Yr*Hab	GC	1997	R	1997	-0.190	0.462	752	-0.41	1.000
Yr*Hab	GC	1997	S	1997	-1.203	0.410	750	-2.93	0.238
Yr*Hab	GC	1997	TT	1997	-0.975	0.416	750	-2.34	0.653
Yr*Hab	GC	1997	GC	2007	-0.198	0.484	586	-0.41	1.000
Yr*Hab	GC	1997	L	2007	-1.617	0.449	758	-3.60	0.036
Yr*Hab	GC	1997	O	2007	0.086	0.427	750	0.20	1.000
Yr*Hab	GC	1997	R	2007	0.234	0.442	755	0.53	1.000
Yr*Hab	GC	1997	S	2007	-1.028	0.402	739	-2.56	0.487
Yr*Hab	GC	1997	TT	2007	-0.254	0.422	745	-0.60	1.000
Yr*Hab	L	1997	O	1997	2.111	0.308	772	6.86	<.0001
Yr*Hab	L	1997	R	1997	1.722	0.359	768	4.80	0.000
Yr*Hab	L	1997	S	1997	0.709	0.288	773	2.46	0.562
Yr*Hab	L	1997	TT	1997	0.937	0.297	772	3.15	0.138
Yr*Hab	L	1997	GC	2007	1.714	0.435	689	3.94	0.011
Yr*Hab	L	1997	L	2007	0.295	0.326	634	0.90	1.000
Yr*Hab	L	1997	O	2007	1.998	0.312	772	6.42	<.0001
Yr*Hab	L	1997	R	2007	2.145	0.332	772	6.46	<.0001
Yr*Hab	L	1997	S	2007	0.884	0.275	772	3.22	0.117
Yr*Hab	L	1997	TT	2007	1.658	0.305	764	5.43	<.0001
Yr*Hab	O	1997	R	1997	-0.389	0.308	771	-1.26	0.999
Yr*Hab	O	1997	S	1997	-1.401	0.223	774	-6.29	<.0001
Yr*Hab	O	1997	TT	1997	-1.174	0.234	773	-5.02	0.000
Yr*Hab	O	1997	GC	2007	-0.397	0.395	663	-1.01	1.000
Yr*Hab	O	1997	L	2007	-1.816	0.287	773	-6.33	<.0001
Yr*Hab	O	1997	O	2007	-0.113	0.245	714	-0.46	1.000
Yr*Hab	O	1997	R	2007	0.035	0.273	765	0.13	1.000
Yr*Hab	O	1997	S	2007	-1.227	0.204	773	-6.01	<.0001
Yr*Hab	O	1997	TT	2007	-0.453	0.244	760	-1.86	0.927
Yr*Hab	R	1997	S	1997	-1.013	0.289	768	-3.50	0.050
Yr*Hab	R	1997	TT	1997	-0.785	0.298	769	-2.64	0.427
Yr*Hab	R	1997	GC	2007	-0.009	0.436	684	-0.02	1.000
Yr*Hab	R	1997	L	2007	-1.427	0.342	772	-4.18	0.004
Yr*Hab	R	1997	O	2007	0.276	0.312	770	0.89	1.000
Yr*Hab	R	1997	R	2007	0.423	0.316	622	1.34	0.997
Yr*Hab	R	1997	S	2007	-0.838	0.276	762	-3.03	0.187
Yr*Hab	R	1997	TT	2007	-0.064	0.306	755	-0.21	1.000
Yr*Hab	S	1997	TT	1997	0.228	0.208	773	1.10	1.000

Yr*Hab	S	1997	GC	2007	1.004	0.380	657	2.65	0.422
Yr*Hab	S	1997	L	2007	-0.414	0.264	764	-1.57	0.985
Yr*Hab	S	1997	O	2007	1.289	0.225	763	5.73	<.0001
Yr*Hab	S	1997	R	2007	1.436	0.255	774	5.64	<.0001
Yr*Hab	S	1997	S	2007	0.175	0.168	685	1.04	1.000
Yr*Hab	S	1997	TT	2007	0.948	0.220	740	4.30	0.003
Yr*Hab	TT	1997	GC	2007	0.776	0.387	654	2.01	0.865
Yr*Hab	TT	1997	L	2007	-0.642	0.275	773	-2.33	0.659
Yr*Hab	TT	1997	O	2007	1.061	0.237	773	4.47	0.001
Yr*Hab	TT	1997	R	2007	1.208	0.263	773	4.60	0.001
Yr*Hab	TT	1997	S	2007	-0.053	0.188	774	-0.28	1.000
Yr*Hab	TT	1997	TT	2007	0.721	0.219	681	3.28	0.097
Yr*Hab	GC	2007	L	2007	-1.419	0.422	691	-3.37	0.077
Yr*Hab	GC	2007	O	2007	0.285	0.398	663	0.71	1.000
Yr*Hab	GC	2007	R	2007	0.432	0.414	680	1.04	1.000
Yr*Hab	GC	2007	S	2007	-0.830	0.371	625	-2.24	0.729
Yr*Hab	GC	2007	TT	2007	-0.056	0.394	641	-0.14	1.000
Yr*Hab	L	2007	O	2007	1.703	0.292	774	5.83	<.0001
Yr*Hab	L	2007	R	2007	1.850	0.313	774	5.90	<.0001
Yr*Hab	L	2007	S	2007	0.589	0.254	774	2.32	0.667
Yr*Hab	L	2007	TT	2007	1.363	0.286	768	4.77	0.000
Yr*Hab	O	2007	R	2007	0.147	0.281	774	0.52	1.000
Yr*Hab	O	2007	S	2007	-1.114	0.213	769	-5.24	<.0001
Yr*Hab	O	2007	TT	2007	-0.341	0.250	753	-1.36	0.997
Yr*Hab	R	2007	S	2007	-1.261	0.241	769	-5.23	<.0001
Yr*Hab	R	2007	TT	2007	-0.488	0.274	763	-1.78	0.950
Yr*Hab	S	2007	TT	2007	0.774	0.204	706	3.79	0.019

Micronesian Starling

Yr		1982		1997	-0.277	0.065	530	-4.27	<.0001
Yr		1982		2007	-0.525	0.063	571	-8.33	<.0001
Yr		1997		2007	-0.248	0.063	571	-3.94	0.000
Hab	GC		L		-0.090	0.168	312	-0.53	0.995
Hab	GC		O		0.031	0.156	299	0.20	1.000
Hab	GC		R		0.035	0.168	302	0.21	1.000
Hab	GC		S		-0.069	0.151	283	-0.46	0.997
Hab	GC		TT		0.146	0.154	291	0.95	0.935
Hab	L		O		0.120	0.106	529	1.14	0.865
Hab	L		R		0.125	0.123	446	1.02	0.912
Hab	L		S		0.021	0.097	537	0.21	1.000
Hab	L		TT		0.236	0.104	495	2.27	0.207
Hab	O		R		0.005	0.105	517	0.04	1.000
Hab	O		S		-0.100	0.074	650	-1.35	0.757
Hab	O		TT		0.115	0.083	551	1.39	0.734
Hab	R		S		-0.105	0.098	444	-1.07	0.895
Hab	R		TT		0.111	0.103	455	1.07	0.894
Hab	S		TT		0.215	0.073	491	2.94	0.040

Yr*Hab	GC	1982	L	1982	-0.182	0.246	728	-0.74	1.000
Yr*Hab	GC	1982	O	1982	-0.050	0.226	719	-0.22	1.000
Yr*Hab	GC	1982	R	1982	-0.024	0.247	722	-0.10	1.000
Yr*Hab	GC	1982	S	1982	-0.294	0.219	714	-1.34	0.997
Yr*Hab	GC	1982	TT	1982	-0.115	0.222	716	-0.52	1.000
Yr*Hab	GC	1982	GC	1997	-0.108	0.253	530	-0.43	1.000
Yr*Hab	GC	1982	L	1997	-0.545	0.246	728	-2.21	0.745
Yr*Hab	GC	1982	O	1997	-0.487	0.226	719	-2.15	0.785
Yr*Hab	GC	1982	R	1997	-0.515	0.247	722	-2.09	0.824
Yr*Hab	GC	1982	S	1997	-0.386	0.219	714	-1.76	0.953
Yr*Hab	GC	1982	TT	1997	-0.283	0.222	716	-1.27	0.999
Yr*Hab	GC	1982	GC	2007	-1.052	0.244	571	-4.31	0.003
Yr*Hab	GC	1982	L	2007	-0.703	0.239	734	-2.94	0.234
Yr*Hab	GC	1982	O	2007	-0.531	0.228	724	-2.33	0.663
Yr*Hab	GC	1982	R	2007	-0.515	0.236	726	-2.19	0.762
Yr*Hab	GC	1982	S	2007	-0.688	0.215	702	-3.20	0.124
Yr*Hab	GC	1982	TT	2007	-0.324	0.225	720	-1.44	0.994
Yr*Hab	L	1982	O	1982	0.131	0.162	772	0.81	1.000
Yr*Hab	L	1982	R	1982	0.157	0.190	764	0.83	1.000
Yr*Hab	L	1982	S	1982	-0.112	0.152	773	-0.74	1.000
Yr*Hab	L	1982	TT	1982	0.067	0.157	772	0.43	1.000
Yr*Hab	L	1982	GC	1997	0.073	0.246	728	0.30	1.000
Yr*Hab	L	1982	L	1997	-0.363	0.167	530	-2.18	0.766
Yr*Hab	L	1982	O	1997	-0.306	0.162	772	-1.88	0.918
Yr*Hab	L	1982	R	1997	-0.333	0.190	764	-1.75	0.955
Yr*Hab	L	1982	S	1997	-0.205	0.152	773	-1.35	0.997
Yr*Hab	L	1982	TT	1997	-0.102	0.157	772	-0.65	1.000
Yr*Hab	L	1982	GC	2007	-0.870	0.235	680	-3.71	0.025
Yr*Hab	L	1982	L	2007	-0.521	0.166	620	-3.15	0.140
Yr*Hab	L	1982	O	2007	-0.349	0.164	774	-2.13	0.799
Yr*Hab	L	1982	R	2007	-0.334	0.175	771	-1.90	0.909
Yr*Hab	L	1982	S	2007	-0.506	0.145	773	-3.50	0.051
Yr*Hab	L	1982	TT	2007	-0.143	0.161	770	-0.88	1.000
Yr*Hab	O	1982	R	1982	0.026	0.163	771	0.16	1.000
Yr*Hab	O	1982	S	1982	-0.243	0.117	773	-2.08	0.826
Yr*Hab	O	1982	TT	1982	-0.064	0.123	774	-0.52	1.000
Yr*Hab	O	1982	GC	1997	-0.058	0.226	719	-0.26	1.000
Yr*Hab	O	1982	L	1997	-0.494	0.162	772	-3.05	0.182
Yr*Hab	O	1982	O	1997	-0.437	0.115	530	-3.79	0.019
Yr*Hab	O	1982	R	1997	-0.464	0.163	771	-2.86	0.281
Yr*Hab	O	1982	S	1997	-0.336	0.117	773	-2.87	0.272
Yr*Hab	O	1982	TT	1997	-0.233	0.123	774	-1.89	0.914
Yr*Hab	O	1982	GC	2007	-1.001	0.214	656	-4.69	0.001
Yr*Hab	O	1982	L	2007	-0.652	0.150	772	-4.34	0.002
Yr*Hab	O	1982	O	2007	-0.480	0.126	683	-3.83	0.017
Yr*Hab	O	1982	R	2007	-0.465	0.142	765	-3.26	0.103
Yr*Hab	O	1982	S	2007	-0.637	0.107	766	-5.98	<.0001

Yr*Hab	O	1982	TT	2007	-0.274	0.129	771	-2.12	0.803
Yr*Hab	R	1982	S	1982	-0.269	0.153	764	-1.76	0.953
Yr*Hab	R	1982	TT	1982	-0.091	0.157	766	-0.58	1.000
Yr*Hab	R	1982	GC	1997	-0.084	0.247	722	-0.34	1.000
Yr*Hab	R	1982	L	1997	-0.521	0.190	764	-2.74	0.354
Yr*Hab	R	1982	O	1997	-0.463	0.163	771	-2.85	0.287
Yr*Hab	R	1982	R	1997	-0.490	0.167	530	-2.94	0.232
Yr*Hab	R	1982	S	1997	-0.362	0.153	764	-2.37	0.634
Yr*Hab	R	1982	TT	1997	-0.259	0.157	766	-1.65	0.975
Yr*Hab	R	1982	GC	2007	-1.027	0.235	671	-4.37	0.002
Yr*Hab	R	1982	L	2007	-0.679	0.180	770	-3.76	0.021
Yr*Hab	R	1982	O	2007	-0.506	0.165	772	-3.08	0.168
Yr*Hab	R	1982	R	2007	-0.491	0.160	613	-3.07	0.172
Yr*Hab	R	1982	S	2007	-0.664	0.146	762	-4.53	0.001
Yr*Hab	R	1982	TT	2007	-0.300	0.162	760	-1.85	0.930
Yr*Hab	S	1982	TT	1982	0.179	0.110	773	1.63	0.977
Yr*Hab	S	1982	GC	1997	0.185	0.219	714	0.85	1.000
Yr*Hab	S	1982	L	1997	-0.251	0.152	773	-1.65	0.974
Yr*Hab	S	1982	O	1997	-0.193	0.117	773	-1.65	0.974
Yr*Hab	S	1982	R	1997	-0.221	0.153	764	-1.44	0.994
Yr*Hab	S	1982	S	1997	-0.092	0.091	530	-1.02	1.000
Yr*Hab	S	1982	TT	1997	0.010	0.110	773	0.09	1.000
Yr*Hab	S	1982	GC	2007	-0.758	0.206	648	-3.69	0.027
Yr*Hab	S	1982	L	2007	-0.409	0.138	760	-2.97	0.218
Yr*Hab	S	1982	O	2007	-0.237	0.117	745	-2.03	0.854
Yr*Hab	S	1982	R	2007	-0.221	0.134	774	-1.65	0.974
Yr*Hab	S	1982	S	2007	-0.394	0.086	657	-4.59	0.001
Yr*Hab	S	1982	TT	2007	-0.031	0.117	762	-0.26	1.000
Yr*Hab	TT	1982	GC	1997	0.006	0.222	716	0.03	1.000
Yr*Hab	TT	1982	L	1997	-0.430	0.157	772	-2.74	0.353
Yr*Hab	TT	1982	O	1997	-0.372	0.123	774	-3.02	0.192
Yr*Hab	TT	1982	R	1997	-0.400	0.157	766	-2.54	0.500
Yr*Hab	TT	1982	S	1997	-0.271	0.110	773	-2.48	0.549
Yr*Hab	TT	1982	TT	1997	-0.169	0.102	530	-1.65	0.975
Yr*Hab	TT	1982	GC	2007	-0.937	0.210	646	-4.47	0.001
Yr*Hab	TT	1982	L	2007	-0.588	0.144	772	-4.08	0.007
Yr*Hab	TT	1982	O	2007	-0.416	0.124	767	-3.35	0.080
Yr*Hab	TT	1982	R	2007	-0.400	0.138	773	-2.91	0.252
Yr*Hab	TT	1982	S	2007	-0.573	0.099	774	-5.81	<.0001
Yr*Hab	TT	1982	TT	2007	-0.209	0.112	642	-1.87	0.921
Yr*Hab	GC	1997	L	1997	-0.436	0.246	728	-1.77	0.951
Yr*Hab	GC	1997	O	1997	-0.379	0.226	719	-1.67	0.971
Yr*Hab	GC	1997	R	1997	-0.406	0.247	722	-1.65	0.975
Yr*Hab	GC	1997	S	1997	-0.278	0.219	714	-1.27	0.999
Yr*Hab	GC	1997	TT	1997	-0.175	0.222	716	-0.79	1.000
Yr*Hab	GC	1997	GC	2007	-0.943	0.244	571	-3.87	0.014
Yr*Hab	GC	1997	L	2007	-0.594	0.239	734	-2.49	0.542

Yr*Hab	GC	1997	O	2007	-0.422	0.228	724	-1.85	0.928
Yr*Hab	GC	1997	R	2007	-0.407	0.236	726	-1.73	0.961
Yr*Hab	GC	1997	S	2007	-0.579	0.215	702	-2.69	0.388
Yr*Hab	GC	1997	TT	2007	-0.216	0.225	720	-0.96	1.000
Yr*Hab	L	1997	O	1997	0.058	0.162	772	0.36	1.000
Yr*Hab	L	1997	R	1997	0.030	0.190	764	0.16	1.000
Yr*Hab	L	1997	S	1997	0.159	0.152	773	1.04	1.000
Yr*Hab	L	1997	TT	1997	0.262	0.157	772	1.67	0.972
Yr*Hab	L	1997	GC	2007	-0.507	0.235	680	-2.16	0.779
Yr*Hab	L	1997	L	2007	-0.158	0.166	620	-0.95	1.000
Yr*Hab	L	1997	O	2007	0.014	0.164	774	0.09	1.000
Yr*Hab	L	1997	R	2007	0.030	0.175	771	0.17	1.000
Yr*Hab	L	1997	S	2007	-0.143	0.145	773	-0.99	1.000
Yr*Hab	L	1997	TT	2007	0.221	0.161	770	1.37	0.997
Yr*Hab	O	1997	R	1997	-0.028	0.163	771	-0.17	1.000
Yr*Hab	O	1997	S	1997	0.101	0.117	773	0.86	1.000
Yr*Hab	O	1997	TT	1997	0.204	0.123	774	1.65	0.974
Yr*Hab	O	1997	GC	2007	-0.565	0.214	656	-2.64	0.424
Yr*Hab	O	1997	L	2007	-0.216	0.150	772	-1.43	0.994
Yr*Hab	O	1997	O	2007	-0.044	0.126	683	-0.35	1.000
Yr*Hab	O	1997	R	2007	-0.028	0.142	765	-0.20	1.000
Yr*Hab	O	1997	S	2007	-0.201	0.107	766	-1.88	0.918
Yr*Hab	O	1997	TT	2007	0.163	0.129	771	1.26	0.999
Yr*Hab	R	1997	S	1997	0.129	0.153	764	0.84	1.000
Yr*Hab	R	1997	TT	1997	0.231	0.157	766	1.47	0.992
Yr*Hab	R	1997	GC	2007	-0.537	0.235	671	-2.29	0.694
Yr*Hab	R	1997	L	2007	-0.188	0.180	770	-1.04	1.000
Yr*Hab	R	1997	O	2007	-0.016	0.165	772	-0.10	1.000
Yr*Hab	R	1997	R	2007	-0.001	0.160	613	0.00	1.000
Yr*Hab	R	1997	S	2007	-0.173	0.146	762	-1.18	0.999
Yr*Hab	R	1997	TT	2007	0.190	0.162	760	1.17	1.000
Yr*Hab	S	1997	TT	1997	0.103	0.110	773	0.94	1.000
Yr*Hab	S	1997	GC	2007	-0.666	0.206	648	-3.24	0.110
Yr*Hab	S	1997	L	2007	-0.317	0.138	760	-2.30	0.683
Yr*Hab	S	1997	O	2007	-0.145	0.117	745	-1.24	0.999
Yr*Hab	S	1997	R	2007	-0.129	0.134	774	-0.96	1.000
Yr*Hab	S	1997	S	2007	-0.302	0.086	657	-3.51	0.049
Yr*Hab	S	1997	TT	2007	0.062	0.117	762	0.53	1.000
Yr*Hab	TT	1997	GC	2007	-0.768	0.210	646	-3.67	0.029
Yr*Hab	TT	1997	L	2007	-0.419	0.144	772	-2.91	0.251
Yr*Hab	TT	1997	O	2007	-0.247	0.124	767	-1.99	0.872
Yr*Hab	TT	1997	R	2007	-0.232	0.138	773	-1.68	0.969
Yr*Hab	TT	1997	S	2007	-0.405	0.099	774	-4.10	0.006
Yr*Hab	TT	1997	TT	2007	-0.041	0.112	642	-0.37	1.000
Yr*Hab	GC	2007	L	2007	0.349	0.227	685	1.54	0.988
Yr*Hab	GC	2007	O	2007	0.521	0.215	665	2.42	0.592
Yr*Hab	GC	2007	R	2007	0.536	0.223	671	2.40	0.606

Yr*Hab	GC	2007	S	2007	0.364	0.202	625	1.80	0.942
Yr*Hab	GC	2007	TT	2007	0.727	0.213	650	3.41	0.067
Yr*Hab	L	2007	O	2007	0.172	0.153	770	1.13	1.000
Yr*Hab	L	2007	R	2007	0.188	0.165	774	1.14	1.000
Yr*Hab	L	2007	S	2007	0.015	0.133	771	0.11	1.000
Yr*Hab	L	2007	TT	2007	0.379	0.151	774	2.51	0.522
Yr*Hab	O	2007	R	2007	0.015	0.147	772	0.11	1.000
Yr*Hab	O	2007	S	2007	-0.157	0.112	767	-1.41	0.995
Yr*Hab	O	2007	TT	2007	0.206	0.132	774	1.56	0.985
Yr*Hab	R	2007	S	2007	-0.173	0.127	773	-1.36	0.997
Yr*Hab	R	2007	TT	2007	0.191	0.145	772	1.32	0.998
Yr*Hab	S	2007	TT	2007	0.364	0.109	759	3.34	0.083

Eurasian Tree Sparrow

Yr		1982		1997	-0.982	0.082	505	-12.03	<.0001
Yr		1982		2007	-0.516	0.079	556	-6.53	<.0001
Yr		1997		2007	0.466	0.079	556	5.90	<.0001
Hab	GC		L		0.904	0.197	275	4.58	<.0001
Hab	GC		O		0.301	0.183	264	1.65	0.569
Hab	GC		R		-0.938	0.197	266	-4.76	<.0001
Hab	GC		S		0.698	0.176	249	3.96	0.001
Hab	GC		TT		0.714	0.181	255	3.95	0.001
Hab	L		O		-0.603	0.127	470	-4.76	<.0001
Hab	L		R		-1.841	0.146	395	-12.58	<.0001
Hab	L		S		-0.206	0.116	476	-1.77	0.484
Hab	L		TT		-0.190	0.124	434	-1.53	0.644
Hab	O		R		-1.239	0.125	461	-9.90	<.0001
Hab	O		S		0.397	0.089	588	4.44	0.000
Hab	O		TT		0.413	0.100	485	4.15	0.001
Hab	R		S		1.636	0.117	390	14.02	<.0001
Hab	R		TT		1.652	0.123	398	13.41	<.0001
Hab	S		TT		0.016	0.087	422	0.18	1.000
Yr*Hab	GC	1982	L	1982	-0.032	0.300	738	-0.11	1.000
Yr*Hab	GC	1982	O	1982	-0.219	0.276	731	-0.79	1.000
Yr*Hab	GC	1982	R	1982	-0.553	0.300	733	-1.84	0.932
Yr*Hab	GC	1982	S	1982	-0.048	0.267	728	-0.18	1.000
Yr*Hab	GC	1982	TT	1982	-0.062	0.271	729	-0.23	1.000
Yr*Hab	GC	1982	GC	1997	-2.544	0.318	505	-8.00	<.0001
Yr*Hab	GC	1982	L	1997	-0.032	0.300	738	-0.11	1.000
Yr*Hab	GC	1982	O	1997	-1.146	0.276	731	-4.16	0.005
Yr*Hab	GC	1982	R	1997	-2.395	0.300	733	-7.98	<.0001
Yr*Hab	GC	1982	S	1997	-0.393	0.267	728	-1.47	0.992
Yr*Hab	GC	1982	TT	1997	-0.294	0.271	729	-1.09	1.000
Yr*Hab	GC	1982	GC	2007	-0.250	0.306	559	-0.82	1.000
Yr*Hab	GC	1982	L	2007	-0.020	0.291	743	-0.07	1.000
Yr*Hab	GC	1982	O	2007	-0.526	0.278	734	-1.90	0.913
Yr*Hab	GC	1982	R	2007	-2.660	0.287	737	-9.27	<.0001

Yr*Hab	GC	1982	S	2007	-0.258	0.262	715	-0.99	1.000
Yr*Hab	GC	1982	TT	2007	-0.296	0.274	728	-1.08	1.000
Yr*Hab	L	1982	O	1982	-0.187	0.199	772	-0.94	1.000
Yr*Hab	L	1982	R	1982	-0.521	0.232	764	-2.24	0.724
Yr*Hab	L	1982	S	1982	-0.017	0.186	773	-0.09	1.000
Yr*Hab	L	1982	TT	1982	-0.030	0.192	771	-0.16	1.000
Yr*Hab	L	1982	GC	1997	-2.513	0.300	738	-8.38	<.0001
Yr*Hab	L	1982	L	1997	0.000	0.210	505	0.00	1.000
Yr*Hab	L	1982	O	1997	-1.114	0.199	772	-5.60	<.0001
Yr*Hab	L	1982	R	1997	-2.363	0.232	764	-10.18	<.0001
Yr*Hab	L	1982	S	1997	-0.362	0.186	773	-1.94	0.895
Yr*Hab	L	1982	TT	1997	-0.262	0.192	771	-1.37	0.997
Yr*Hab	L	1982	GC	2007	-0.219	0.285	676	-0.77	1.000
Yr*Hab	L	1982	L	2007	0.012	0.207	612	0.06	1.000
Yr*Hab	L	1982	O	2007	-0.495	0.201	773	-2.46	0.565
Yr*Hab	L	1982	R	2007	-2.628	0.215	771	-12.24	<.0001
Yr*Hab	L	1982	S	2007	-0.226	0.178	772	-1.27	0.999
Yr*Hab	L	1982	TT	2007	-0.264	0.198	766	-1.34	0.997
Yr*Hab	O	1982	R	1982	-0.334	0.199	771	-1.68	0.971
Yr*Hab	O	1982	S	1982	0.170	0.144	774	1.19	0.999
Yr*Hab	O	1982	TT	1982	0.157	0.151	774	1.04	1.000
Yr*Hab	O	1982	GC	1997	-2.325	0.276	731	-8.44	<.0001
Yr*Hab	O	1982	L	1997	0.187	0.199	772	0.94	1.000
Yr*Hab	O	1982	O	1997	-0.927	0.145	505	-6.39	<.0001
Yr*Hab	O	1982	R	1997	-2.176	0.199	771	-10.92	<.0001
Yr*Hab	O	1982	S	1997	-0.175	0.144	774	-1.21	0.999
Yr*Hab	O	1982	TT	1997	-0.075	0.151	774	-0.50	1.000
Yr*Hab	O	1982	GC	2007	-0.032	0.259	649	-0.12	1.000
Yr*Hab	O	1982	L	2007	0.199	0.185	773	1.08	1.000
Yr*Hab	O	1982	O	2007	-0.307	0.156	689	-1.97	0.883
Yr*Hab	O	1982	R	2007	-2.441	0.176	764	-13.90	<.0001
Yr*Hab	O	1982	S	2007	-0.039	0.131	770	-0.30	1.000
Yr*Hab	O	1982	TT	2007	-0.077	0.158	765	-0.49	1.000
Yr*Hab	R	1982	S	1982	0.504	0.187	764	2.69	0.387
Yr*Hab	R	1982	TT	1982	0.491	0.193	766	2.55	0.494
Yr*Hab	R	1982	GC	1997	-1.992	0.300	733	-6.63	<.0001
Yr*Hab	R	1982	L	1997	0.521	0.232	764	2.24	0.724
Yr*Hab	R	1982	O	1997	-0.593	0.199	771	-2.98	0.214
Yr*Hab	R	1982	R	1997	-1.843	0.210	505	-8.79	<.0001
Yr*Hab	R	1982	S	1997	0.159	0.187	764	0.85	1.000
Yr*Hab	R	1982	TT	1997	0.258	0.193	766	1.34	0.997
Yr*Hab	R	1982	GC	2007	0.302	0.285	668	1.06	1.000
Yr*Hab	R	1982	L	2007	0.533	0.221	770	2.41	0.600
Yr*Hab	R	1982	O	2007	0.026	0.202	771	0.13	1.000
Yr*Hab	R	1982	R	2007	-2.107	0.200	602	-10.53	<.0001
Yr*Hab	R	1982	S	2007	0.294	0.179	760	1.64	0.976
Yr*Hab	R	1982	TT	2007	0.257	0.199	755	1.29	0.998

Yr*Hab	S	1982	TT	1982	-0.013	0.134	773	-0.10	1.000
Yr*Hab	S	1982	GC	1997	-2.496	0.267	728	-9.36	<.0001
Yr*Hab	S	1982	L	1997	0.017	0.186	773	0.09	1.000
Yr*Hab	S	1982	O	1997	-1.098	0.144	774	-7.64	<.0001
Yr*Hab	S	1982	R	1997	-2.347	0.187	764	-12.54	<.0001
Yr*Hab	S	1982	S	1997	-0.345	0.115	505	-3.01	0.198
Yr*Hab	S	1982	TT	1997	-0.246	0.134	773	-1.83	0.935
Yr*Hab	S	1982	GC	2007	-0.202	0.249	642	-0.81	1.000
Yr*Hab	S	1982	L	2007	0.029	0.170	761	0.17	1.000
Yr*Hab	S	1982	O	2007	-0.478	0.144	752	-3.31	0.090
Yr*Hab	S	1982	R	2007	-2.611	0.164	774	-15.89	<.0001
Yr*Hab	S	1982	S	2007	-0.210	0.107	658	-1.96	0.888
Yr*Hab	S	1982	TT	2007	-0.247	0.143	750	-1.73	0.961
Yr*Hab	TT	1982	GC	1997	-2.482	0.271	729	-9.17	<.0001
Yr*Hab	TT	1982	L	1997	0.030	0.192	771	0.16	1.000
Yr*Hab	TT	1982	O	1997	-1.084	0.151	774	-7.17	<.0001
Yr*Hab	TT	1982	R	1997	-2.333	0.193	766	-12.12	<.0001
Yr*Hab	TT	1982	S	1997	-0.332	0.134	773	-2.47	0.556
Yr*Hab	TT	1982	TT	1997	-0.232	0.129	505	-1.80	0.942
Yr*Hab	TT	1982	GC	2007	-0.189	0.253	639	-0.74	1.000
Yr*Hab	TT	1982	L	2007	0.042	0.177	773	0.24	1.000
Yr*Hab	TT	1982	O	2007	-0.464	0.153	771	-3.04	0.186
Yr*Hab	TT	1982	R	2007	-2.598	0.169	773	-15.34	<.0001
Yr*Hab	TT	1982	S	2007	-0.196	0.121	774	-1.62	0.979
Yr*Hab	TT	1982	TT	2007	-0.234	0.140	647	-1.68	0.971
Yr*Hab	GC	1997	L	1997	2.513	0.300	738	8.38	<.0001
Yr*Hab	GC	1997	O	1997	1.398	0.276	731	5.07	<.0001
Yr*Hab	GC	1997	R	1997	0.149	0.300	733	0.50	1.000
Yr*Hab	GC	1997	S	1997	2.151	0.267	728	8.07	<.0001
Yr*Hab	GC	1997	TT	1997	2.250	0.271	729	8.32	<.0001
Yr*Hab	GC	1997	GC	2007	2.294	0.306	559	7.50	<.0001
Yr*Hab	GC	1997	L	2007	2.525	0.291	743	8.66	<.0001
Yr*Hab	GC	1997	O	2007	2.018	0.278	734	7.27	<.0001
Yr*Hab	GC	1997	R	2007	-0.115	0.287	737	-0.40	1.000
Yr*Hab	GC	1997	S	2007	2.286	0.262	715	8.74	<.0001
Yr*Hab	GC	1997	TT	2007	2.249	0.274	728	8.20	<.0001
Yr*Hab	L	1997	O	1997	-1.114	0.199	772	-5.60	<.0001
Yr*Hab	L	1997	R	1997	-2.363	0.232	764	-10.18	<.0001
Yr*Hab	L	1997	S	1997	-0.362	0.186	773	-1.94	0.895
Yr*Hab	L	1997	TT	1997	-0.262	0.192	771	-1.37	0.997
Yr*Hab	L	1997	GC	2007	-0.219	0.285	676	-0.77	1.000
Yr*Hab	L	1997	L	2007	0.012	0.207	612	0.06	1.000
Yr*Hab	L	1997	O	2007	-0.495	0.201	773	-2.46	0.565
Yr*Hab	L	1997	R	2007	-2.628	0.215	771	-12.24	<.0001
Yr*Hab	L	1997	S	2007	-0.226	0.178	772	-1.27	0.999
Yr*Hab	L	1997	TT	2007	-0.264	0.198	766	-1.34	0.997
Yr*Hab	O	1997	R	1997	-1.249	0.199	771	-6.27	<.0001

Yr*Hab	O	1997	S	1997	0.753	0.144	774	5.24	<.0001
Yr*Hab	O	1997	TT	1997	0.852	0.151	774	5.64	<.0001
Yr*Hab	O	1997	GC	2007	0.896	0.259	649	3.46	0.057
Yr*Hab	O	1997	L	2007	1.126	0.185	773	6.09	<.0001
Yr*Hab	O	1997	O	2007	0.620	0.156	689	3.97	0.010
Yr*Hab	O	1997	R	2007	-1.514	0.176	764	-8.62	<.0001
Yr*Hab	O	1997	S	2007	0.888	0.131	770	6.75	<.0001
Yr*Hab	O	1997	TT	2007	0.850	0.158	765	5.38	<.0001
Yr*Hab	R	1997	S	1997	2.002	0.187	764	10.70	<.0001
Yr*Hab	R	1997	TT	1997	2.101	0.193	766	10.91	<.0001
Yr*Hab	R	1997	GC	2007	2.145	0.285	668	7.53	<.0001
Yr*Hab	R	1997	L	2007	2.375	0.221	770	10.75	<.0001
Yr*Hab	R	1997	O	2007	1.869	0.202	771	9.27	<.0001
Yr*Hab	R	1997	R	2007	-0.265	0.200	602	-1.32	0.998
Yr*Hab	R	1997	S	2007	2.137	0.179	760	11.93	<.0001
Yr*Hab	R	1997	TT	2007	2.099	0.199	755	10.58	<.0001
Yr*Hab	S	1997	TT	1997	0.099	0.134	773	0.74	1.000
Yr*Hab	S	1997	GC	2007	0.143	0.249	642	0.58	1.000
Yr*Hab	S	1997	L	2007	0.374	0.170	761	2.20	0.754
Yr*Hab	S	1997	O	2007	-0.133	0.144	752	-0.92	1.000
Yr*Hab	S	1997	R	2007	-2.266	0.164	774	-13.79	<.0001
Yr*Hab	S	1997	S	2007	0.135	0.107	658	1.26	0.999
Yr*Hab	S	1997	TT	2007	0.098	0.143	750	0.68	1.000
Yr*Hab	TT	1997	GC	2007	0.044	0.253	639	0.17	1.000
Yr*Hab	TT	1997	L	2007	0.274	0.177	773	1.55	0.987
Yr*Hab	TT	1997	O	2007	-0.232	0.153	771	-1.52	0.989
Yr*Hab	TT	1997	R	2007	-2.365	0.169	773	-13.97	<.0001
Yr*Hab	TT	1997	S	2007	0.036	0.121	774	0.30	1.000
Yr*Hab	TT	1997	TT	2007	-0.002	0.140	647	-0.01	1.000
Yr*Hab	GC	2007	L	2007	0.231	0.275	681	0.84	1.000
Yr*Hab	GC	2007	O	2007	-0.276	0.261	656	-1.06	1.000
Yr*Hab	GC	2007	R	2007	-2.409	0.271	667	-8.90	<.0001
Yr*Hab	GC	2007	S	2007	-0.008	0.244	614	-0.03	1.000
Yr*Hab	GC	2007	TT	2007	-0.045	0.258	636	-0.18	1.000
Yr*Hab	L	2007	O	2007	-0.507	0.188	773	-2.69	0.390
Yr*Hab	L	2007	R	2007	-2.640	0.202	774	-13.05	<.0001
Yr*Hab	L	2007	S	2007	-0.238	0.164	773	-1.46	0.993
Yr*Hab	L	2007	TT	2007	-0.276	0.185	772	-1.49	0.991
Yr*Hab	O	2007	R	2007	-2.133	0.181	774	-11.77	<.0001
Yr*Hab	O	2007	S	2007	0.268	0.137	774	1.95	0.890
Yr*Hab	O	2007	TT	2007	0.231	0.162	768	1.42	0.995
Yr*Hab	R	2007	S	2007	2.401	0.156	771	15.40	<.0001
Yr*Hab	R	2007	TT	2007	2.364	0.178	768	13.30	<.0001
Yr*Hab	S	2007	TT	2007	-0.038	0.133	735	-0.28	1.000

Orange-cheeked Waxbill

Yr		1982		1997	0.000	0.053	502	0.00	1.000
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Yr	1982	2007	-0.132	0.051	590	-2.60	0.026
Yr	1997	2007	-0.132	0.051	590	-2.60	0.026
