

Appendix Tables 1 – 4

Table 1 provides information relevant to the species origins and sample sources for the 59 populations that were sampled for this study, and each population is assigned an ascension number. Referenced by these ascension numbers, population sample sizes, means, standard deviations, standard errors, general linear model and Kruskal-Wallis statistics, Tukey's homogeneous subsets, and insular and continental means and weighted means are included in Tables 2A (agglutination), 2B (lysis), 3 (haptoglobin), and 4 (leukocytes).

Appendix, Table 1

Pop. #	Genus	Species	Origin		Native, Intro, Endem	Sample Source			Sample Mo	Breeding Season
			Isl/Cont	Loc		In/Ex situ	Loc	Captive/Wild		
01	<i>Anas</i>	<i>georgica</i> ¹	Island	South Georgia Island	Endemic (subsp)	Ex	North Carolina	Captive	9	Post-Breed
02	<i>Anas</i>	<i>laysanensis</i>	Island	Laysan Island	Endemic (sp)	Ex	North Carolina	Captive	9	Post-Breed
03	<i>Anas</i>	<i>georgica</i> ¹	Cont	South America	Native	Ex	North Carolina	Captive	9	Post-Breed
04	<i>Anas</i>	<i>rubripes</i>	Cont	North America	Native	Ex	North Carolina	Captive	9	Post-Breed
05	<i>Branta</i>	<i>sandvicensis</i>	Island	Hawaii (Hawaii)	Native	In	Hawaii	Captive	6	Post-Breed
06	<i>Branta</i>	<i>sandvicensis</i>	Island	Hawaii	Native	Ex	North Carolina	Captive	9	Post-Breed
07	<i>Branta</i>	<i>hutchinsii</i> ¹	Island	Aleutian Islands, Alaska	Endemic (subsp)	Ex	North Carolina	Captive	9	Post-Breed
08	<i>Branta</i>	<i>canadensis</i>	Cont	Illinois	Native	In	Illinois	Wild	6	Post-Breed
09	<i>Buteo</i>	<i>galapagoensis</i>	Island	Galapagos (Espanola)	Endemic (sp)	In	Espanola	Wild	5-6-7-8	Breed
10	<i>Buteo</i>	<i>galapagoensis</i>	Island	Galapagos (Fernandina)	Endemic (sp)	In	Fernandina	Wild	5-6-7	Breed
11	<i>Buteo</i>	<i>galapagoensis</i>	Island	Galapagos (Isabela)	Endemic (sp)	In	Isabela	Wild	5-6-7-8	Breed
12	<i>Buteo</i>	<i>galapagoensis</i>	Island	Galapagos (Marchena)	Endemic (sp)	In	Marchena	Wild	5-6-7-8	Breed
13	<i>Buteo</i>	<i>galapagoensis</i>	Island	Galapagos (Pinta)	Endemic (sp)	In	Pinta	Wild	5-6-7	Breed
14	<i>Buteo</i>	<i>galapagoensis</i>	Island	Galapagos (Santiago)	Endemic (sp)	In	Santiago	Wild	5-6-7	Breed
15	<i>Buteo</i>	<i>galapagoensis</i>	Island	Galapagos (Santa Fe)	Endemic (sp)	In	Santa Fe	Wild	5-6-7-8	Breed
16	<i>Buteo</i>	<i>solitarius</i>	Island	Hawaii (Hawaii)	Endemic (sp)	In	Hawaii	Captive (Rehab)	6	Breed
17	<i>Buteo</i>	<i>swainsoni</i>	Cont	Idaho	Native	In	Idaho	Wild	7-8	Breed
18	<i>Cardinalis</i>	<i>cardinalis</i>	Island	Bermuda	Introduced	In	Bermuda	Wild	5-6	Breed
19	<i>Cardinalis</i>	<i>cardinalis</i>	Island	Hawaii (Hawaii)	Introduced	In	Hawaii	Wild	6	Breed
20	<i>Cardinalis</i>	<i>cardinalis</i>	Island	Hawaii (Oahu)	Introduced	In	Oahu	Wild	6	Breed
21	<i>Cardinalis</i>	<i>cardinalis</i>	Cont	Missouri	Native	In	Missouri	Wild	2	Winter
22	<i>Cardinalis</i>	<i>cardinalis</i>	Cont	Missouri	Native	In	Missouri	Wild	4-5	Breed
23	<i>Cardinalis</i>	<i>cardinalis</i>	Cont	Missouri	Native	In	Missouri	Wild	8-9-10	Post-Breed
24	<i>Cardinalis</i>	<i>cardinalis</i>	Cont	Missouri	Native	In	Missouri	Captive (Rehab)	8-9-10	Post-Breed
25	<i>Columba</i>	<i>livia</i>	Island	Bermuda	Introduced	In	Bermuda	Wild	5-6	Breed
26	<i>Columba</i>	<i>livia</i>	Island	Galapagos (Isabela)	Introduced	In	Isabela	Wild	7	Breed
27	<i>Columba</i>	<i>livia</i>	Cont	Missouri	Introduced	In	Missouri	Captive (Rehab)	9	Post-Breed
28	<i>Columbina</i>	<i>passerina</i>	Island	Bermuda	Non-Native	In	Bermuda	Wild	5-6	Breed
29	<i>Columbina</i>	<i>talpacoti</i>	Cont	Panama	Native	In	Panama	Wild	3-4	Breed
30	<i>Dendroica</i>	<i>petechia</i> ¹	Island	Galapagos (Isabela)	Endemic (subsp)	In	Isabela	Wild	7	Post-Breed
31	<i>Dendroica</i>	<i>petechia</i> ¹	Island	Galapagos (Santa Cruz)	Endemic (subsp)	In	Santa Cruz	Wild	7	Post-Breed
32	<i>Dendroica</i>	<i>petechia</i>	Cont	Michigan	Native	In	Michigan	Wild	7	Breed

33	<i>Dumetella</i>	<i>carolinensis</i>	Island	Bermuda	Native	In	Bermuda	Wild	5-6	Breed
34	<i>Dumetella</i>	<i>carolinensis</i>	Cont	Missouri	Native	In	Missouri	Wild	4-5	Breed
35	<i>Dumetella</i>	<i>carolinensis</i>	Cont	Missouri	Native	In	Missouri	Wild	8-9	Post-Breed
36	<i>Dumetella</i>	<i>carolinensis</i>	Cont	Missouri	Native	In	Missouri	Captive (Rehab)	8-9	Post-Breed
37	<i>Hemignathus</i>	<i>virens</i>	Island	Hawaii (Hawaii)	Endemic (gen)	In	Hawaii	Wild	6	Breed
38	<i>Carpodacus</i>	<i>mexicanus</i>	Island	Hawaii (Hawaii)	Introduced	In	Hawaii	Wild	6	Breed
39	<i>Carpodacus</i>	<i>mexicanus</i>	Island	Hawaii (Oahu)	Introduced	In	Oahu	Wild	6	Breed
40	<i>Carpodacus</i>	<i>mexicanus</i>	Cont	New Jersey	Native	In	New Jersey	Wild	3	Pre-Breed
41	<i>Nesomimus</i>	<i>parvulus</i>	Island	Galapagos (Genovesa)	Endemic (gen)	In	Galapagos	Wild	7	Post-Breed
42	<i>Mimus</i>	<i>polyglottos</i>	Cont	Missouri	Native	In	Missouri	Captive (Rehab)	9	Post-Breed
43	<i>Passer</i>	<i>domesticus</i>	Island	Bermuda	Introduced	In	Bermuda	Wild	5-6	Breed
44	<i>Passer</i>	<i>domesticus</i>	Island	Hawaii (Hawaii)	Introduced	In	Hawaii	Wild	6	Breed
45	<i>Passer</i>	<i>domesticus</i>	Island	Hawaii (Oahu)	Introduced	In	Oahu	Wild	6	Breed
46	<i>Passer</i>	<i>domesticus</i>	Cont	Missouri	Introduced	In	Missouri	Wild	5-6-7	Breed
47	<i>Sialia</i>	<i>sialis</i>	Island	Bermuda	Native	In	Bermuda	Wild	5-6	Breed
48	<i>Sialia</i>	<i>sialis</i>	Cont	Illinois	Native	In	Illinois	Wild	5	Breed
49	<i>Sturnus</i>	<i>vulgaris</i>	Island	Bermuda	Introduced	In	Bermuda	Wild	5-6	Breed
50	<i>Sturnus</i>	<i>vulgaris</i>	Cont	Missouri	Introduced	In	Missouri	Wild	4-5	Breed
51	<i>Vireo</i>	<i>griseus</i> ¹	Island	Bermuda	Endemic (subsp)	In	Bermuda	Wild	5-6	Breed
52	<i>Vireo</i>	<i>griseus</i>	Cont	Missouri	Native	In	Missouri	Wild	4-5	Breed
53	<i>Vireo</i>	<i>griseus</i>	Cont	Missouri	Native	In	Missouri	Wild	8-9	Post-Breed
54	<i>Zenaida</i>	<i>macroura</i>	Island	Bermuda	Introduced	In	Bermuda	Wild	5-6	Breed
55	<i>Zenaida</i>	<i>galapagoensis</i>	Island	Galapagos (Genovesa)	Endemic (sp)	In	Genovesa	Wild	7	Post-Breed
56	<i>Zenaida</i>	<i>galapagoensis</i>	Island	Galapagos (Santa Cruz)	Endemic (sp)	In	Santa Cruz	Wild	7	Post-Breed
57	<i>Zenaida</i>	<i>macroura</i>	Cont	Missouri	Native	In	Missouri	Wild	1	Winter
58	<i>Zenaida</i>	<i>macroura</i>	Cont	Missouri	Native	In	Missouri	Wild	4	Breed
59	<i>Zenaida</i>	<i>macroura</i>	Cont	Missouri	Native	In	Missouri	Wild	6	Breed

1 Endemic subspecies: #01 A. g. georgica, #03 A. g. spinicauda, #07 B. h. leucopareia, #30 and #31 D. p. aureolla, #51 V. g. bermudianus.

Appendix, Table 2A

AGGLUTINATION																
(titers)																
Origin																
Pop. #	Genus	Isl/Cont	N	Mean	SD	SE	df	K-W Chi ²	Sig	ANOVA F	Sig	Tukey	Mean (Indiv)	Weighted Mean	Isl/Cont	
01	<i>Anas</i>	Island	8	6.1250	0.5175	0.1830						a				
02	<i>Anas</i>	Island	8	10.0000	0.8018	0.2835						c	8.1	8.1	I	
03	<i>Anas</i>	Cont	8	7.8125	1.3076	0.4623						b				
04	<i>Anas</i>	Cont	6	7.6667	0.9832	0.4014	3	21.028	0.000	22.759	0.000	b	7.8	7.7	C	
05	<i>Branta</i>	Island	5	7.3000	1.3964	0.6245										
06	<i>Branta</i>	Island	8	7.0625	1.2082	0.4272										
07	<i>Branta</i>	Island	7	8.2143	0.7559	0.2857							7.5	7.5	I	
08	<i>Branta</i>	Cont	26	7.4038	1.2886	0.2527	3	4.450	0.217	1.213	0.317		7.4	7.4	C	
09	<i>Buteo</i>	Island	3	6.9167	1.0104	0.5833						a				
10	<i>Buteo</i>	Island	15	9.3333	1.6165	0.4174						a				
11	<i>Buteo</i>	Island	3	9.5833	1.4216	0.8207						a				
12	<i>Buteo</i>	Island	5	10.3500	0.8588	0.3841						a				
13	<i>Buteo</i>	Island	7	8.6429	1.5736	0.5948						a				
14	<i>Buteo</i>	Island	8	9.0625	1.6298	0.5762						a				
15	<i>Buteo</i>	Island	5	7.1500	0.7826	0.3500						a				
16	<i>Buteo</i>	Island	5	8.1000	2.9026	1.2981						a	8.8	8.7	I	
17	<i>Buteo</i>	Cont	21	7.5952	2.4628	0.5374	8	19.409	0.013	2.274	0.033	a	7.6	7.6	C	
18	<i>Cardinalis</i>	Island	2	7.7500	0.0000	0.0000										
19	<i>Cardinalis</i>	Island	22	6.5000	1.3093	0.2791										
20	<i>Cardinalis</i>	Island	5	5.2500	1.7766	0.7945							6.4	6.4	I	
21	<i>Cardinalis</i>	Cont	9	6.8333	0.7395	0.2465										
22	<i>Cardinalis</i>	Cont	11	6.3182	1.3652	0.4116										
23	<i>Cardinalis</i>	Cont	10	6.5500	0.8563	0.2708										
24	<i>Cardinalis</i>	Cont	3	6.0000	1.7321	1.0000	6	9.689	0.138	1.398	0.232		6.5	6.5	C	
25	<i>Columba</i>	Island	8	5.5313	1.8049	0.6381						ab				
26	<i>Columba</i>	Island	5	7.8000	0.5701	0.2550						b	6.4	6.5	I	
27	<i>Columba</i>	Cont	7	4.0714	3.2968	1.2461	2	6.032	0.049	3.863	0.041	a	4.1	4.1	C	
28	<i>Columbina</i>	Island	15	4.8667	2.4014	0.6200							4.9	4.9	I	
29	<i>Columbina</i>	Cont	6	4.1250	2.4622	1.0052	1	0.125	0.724	0.403	0.533		4.1	4.1	C	
30	<i>Dendroica</i>	Island	8	4.0000	0.4629	0.1637							4.3	4.3	I	
31	<i>Dendroica</i>	Island	8	4.5625	1.5910	0.5625							4.3	4.3	I	
32	<i>Dendroica</i>	Cont	5	3.7000	2.2804	1.0198	2	2.153	0.341	0.574	0.573		3.7	3.7	C	

33	Dumetella	Island	13	4.5769	2.0901	0.5797							4.6	4.6	I
34	Dumetella	Cont	17	4.4706	1.9880	0.4822									
35	Dumetella	Cont	19	4.7368	2.1945	0.5035									
36	Dumetella	Cont	2	3.5000	3.5355	2.5000	3	0.812	0.847	0.217	0.884		4.6	4.4	C
37	Hemignathus	Island	2	4.7500	0.3536	0.2500									
38	Carpodacus	Island	16	3.5938	1.1138	0.2785									
39	Carpodacus	Island	16	2.8438	1.4913	0.3728							3.3	3.4	I
40	Carpodacus	Cont	4	3.2500	0.8660	0.4330	3	6.721	0.081	1.862	0.155		3.3	3.3	C
41	Nesomimus	Island	8	5.0000	2.0000	0.7071							5.0	5.0	I
42	Mimus	Cont	8	4.6875	1.0670	0.3772	1	0.102	0.750	0.152	0.702		4.7	4.7	C
43	Passer	Island	26	6.3654	1.3119	0.2573									
44	Passer	Island	13	6.5769	1.6627	0.4611									
45	Passer	Island	6	6.1250	1.4296	0.5836							6.4	6.4	I
46	Passer	Cont	12	5.6875	1.7027	0.4915	3	2.486	0.478	0.840	0.478		5.7	5.7	C
47	Sialia	Island	7	3.3571	1.7491	0.6611							3.4	3.4	I
48	Sialia	Cont	11	4.1818	1.8203	0.5489	1	0.305	0.581	0.904	0.356		4.2	4.2	C
49	Sturnus	Island	10	3.8500	1.1797	0.3731							3.9	3.9	I
50	Sturnus	Cont	7	5.0714	1.5392	0.5818	1	4.113	0.043	3.446	0.083		5.1	5.1	C
51	Vireo	Island	13	5.6538	3.6764	1.0197							5.7	5.7	I
52	Vireo	Cont	5	4.4000	4.0373	1.8055									
53	Vireo	Cont	3	7.6667	5.7735	3.3333	2	1.531	0.465	0.613	0.553		5.6	5.8	C
54	Zenaida	Island	10	6.0500	2.6609	0.8415									
55	Zenaida	Island	5	3.2000	1.6047	0.7176									
56	Zenaida	Island	1	4.5000	.	.							5.1	4.8	I
57	Zenaida	Cont	3	5.6667	2.2546	1.3017									
58	Zenaida	Cont	1	3.0000	.	.									
59	Zenaida	Cont	6	4.9583	2.0762	0.8476	5	5.705	0.336	1.241	0.327		5.0	4.8	C

Appendix, Table 2B

LYSIS (titers)																
Pop. #	Genus	Origin		n	Mean	SD	SE	df	K-W Chi ²	ANOVA			Mean (Indiv)	Weighted Mean	Isl/Cont	
		Isl/Cont								Sig	F	Sig				Tukey
01	<i>Anas</i>	Island		8	4.0000	0.5345	0.1890									
02	<i>Anas</i>	Island		8	4.7500	0.4629	0.1637						4.4	4.4	I	
03	<i>Anas</i>	Cont		8	4.7500	0.4629	0.1637									
04	<i>Anas</i>	Cont		6	4.7500	0.4183	0.1708	3	9.954	0.019	4.868	0.008	b	4.8	4.8	C
05	<i>Branta</i>	Island		5	3.9000	0.7416	0.3317									
06	<i>Branta</i>	Island		8	4.5000	0.5345	0.1890									
07	<i>Branta</i>	Island		7	4.0000	0.5774	0.2182						4.2	4.2	I	
08	<i>Branta</i>	Cont		26	4.8846	0.4540	0.0890	3	16.197	0.001	8.792	0.000	b	4.9	4.9	C
09	<i>Buteo</i>	Island		3	0.0000	0.0000	0.0000									
10	<i>Buteo</i>	Island		15	0.3833	0.8497	0.2194									
11	<i>Buteo</i>	Island		3	0.0000	0.0000	0.0000									
12	<i>Buteo</i>	Island		5	0.4000	0.8944	0.4000									
13	<i>Buteo</i>	Island		7	0.2857	0.7559	0.2857									
14	<i>Buteo</i>	Island		8	0.6250	1.4079	0.4978									
15	<i>Buteo</i>	Island		5	0.0000	0.0000	0.0000									
16	<i>Buteo</i>	Island		5	0.2000	0.4472	0.2000						0.3	0.3	I	
17	<i>Buteo</i>	Cont		21	0.0714	0.3273	0.0714	8	6.202	0.625	0.675	0.712	0.1	0.1	C	
18	<i>Cardinalis</i>	Island		2	0.0000	0.0000	0.0000									
19	<i>Cardinalis</i>	Island		22	1.0455	1.4712	0.3137									
20	<i>Cardinalis</i>	Island		5	0.9000	1.7464	0.7810						0.9	0.8	I	
21	<i>Cardinalis</i>	Cont		9	0.0000	0.0000	0.0000									
22	<i>Cardinalis</i>	Cont		11	0.0000	0.0000	0.0000									
23	<i>Cardinalis</i>	Cont		10	0.5000	1.0801	0.3416									
24	<i>Cardinalis</i>	Cont		3	1.3333	2.3094	1.3333	6	10.231	0.115	1.679	0.143	0.3	0.3	C	
25	<i>Columba</i>	Island		8	0.0000	0.0000	0.0000									
26	<i>Columba</i>	Island		5	0.0000	0.0000	0.0000						0.0	0.0	I	
27	<i>Columba</i>	Cont		7	0.0000	0.0000	0.0000	2	1.000	0.000	.	.	0.0	0.0	C	
28	<i>Columbina</i>	Island		15	0.0000	0.0000	0.0000						0.0	0.0	I	
29	<i>Columbina</i>	Cont		6	0.0000	0.0000	0.0000	1	1.000	0.000	.	.	0.0	0.0	C	
30	<i>Dendroica</i>	Island		8	0.0000	0.0000	0.0000									
31	<i>Dendroica</i>	Island		8	0.0000	0.0000	0.0000						0.0	0.0	I	
32	<i>Dendroica</i>	Cont		5	0.6000	0.8216	0.3674	2	6.737	0.034	4.571	0.025	b	0.6	0.6	C

33	<i>Dumetella</i>	Island	13	3.2692	1.1835	0.3282						3.3	3.3	I	
34	<i>Dumetella</i>	Cont	17	2.9412	1.6191	0.3927									
35	<i>Dumetella</i>	Cont	19	3.7105	1.1939	0.2739									
36	<i>Dumetella</i>	Cont	2	2.0000	2.8284	2.0000	3	3.863	0.277	1.483	0.231	3.3	3.1	C	
37	<i>Hemignathus</i>	Island	2	0.0000	0.0000	0.0000									
38	<i>Carpodacus</i>	Island	16	0.0000	0.0000	0.0000									
39	<i>Carpodacus</i>	Island	16	0.0000	0.0000	0.0000						0.0	0.0	I	
40	<i>Carpodacus</i>	Cont	4	0.0000	0.0000	0.0000	3	1.000	0.000	.	.	0.0	0.0	C	
41	<i>Nesomimus</i>	Island	8	1.5625	1.4985	0.5298						1.6	1.6	I	
42	<i>Mimus</i>	Cont	8	1.0000	1.3093	0.4629	1	0.974	0.324	0.639	0.437	1.0	1.0	C	
43	<i>Passer</i>	Island	26	0.3654	0.8192	0.1607								a	
44	<i>Passer</i>	Island	13	0.6154	1.1022	0.3057								ab	
45	<i>Passer</i>	Island	6	1.5833	1.9600	0.8002						0.6	0.7	I	
46	<i>Passer</i>	Cont	12	0.0000	0.0000	0.0000	3	7.325	0.062	3.720	0.017	a	0.0	0.0	C
47	<i>Sialia</i>	Island	7	0.0000	0.0000	0.0000						a	0.0	0.0	I
48	<i>Sialia</i>	Cont	11	1.2273	1.4554	0.4388	1	5.139	0.023	4.867	0.042	b	1.2	1.2	C
49	<i>Sturnus</i>	Island	10	0.3500	0.9443	0.2986						a	0.4	0.4	I
50	<i>Sturnus</i>	Cont	7	3.0714	1.4268	0.5393	1	8.856	0.003	22.602	0.000	b	3.1	3.1	C
51	<i>Vireo</i>	Island	13	2.5000	1.9149	0.5311						a	2.5	2.5	I
52	<i>Vireo</i>	Cont	5	0.1000	0.2236	0.1000						a			
53	<i>Vireo</i>	Cont	3	1.1667	2.0207	1.1667	2	4.826	0.090	3.771	0.043	a	0.5	0.6	C
54	<i>Zenaida</i>	Island	10	0.0000	0.0000	0.0000									
55	<i>Zenaida</i>	Island	5	0.0000	0.0000	0.0000									
56	<i>Zenaida</i>	Island	1	0.0000	.	.						0.0	0.0	I	
57	<i>Zenaida</i>	Cont	3	0.0000	0.0000	0.0000									
58	<i>Zenaida</i>	Cont	1	0.0000	.	.									
59	<i>Zenaida</i>	Cont	6	0.0000	0.0000	0.0000	5	1.000	0.000	.	.	0.0	0.0	C	

Appendix, Table 3

[HAPTOGLOBIN] (mg/mL)		Origin		ANOVA							Mean	Weighted			
Pop. #	Genus	Isl/Cont	N	Mean	SD	SE	df	K-W Chi ²	Sig	F	Sig	Tukey	(Indiv)	Mean	Isl/Cont
01	<i>Anas</i>	Island	8	0.1838	0.0635	0.0224						ab			
02	<i>Anas</i>	Island	8	0.2838	0.1373	0.0485						b	0.234	0.234	I
03	<i>Anas</i>	Cont	8	0.1725	0.0602	0.0213						ab			
04	<i>Anas</i>	Cont	6	0.1300	0.0283	0.0115	3	8.330	0.040	4.268	0.014	a	0.154	0.153	C
18	<i>Cardinalis</i>	Island	2	0.1800	0.0141	0.0100									
19	<i>Cardinalis</i>	Island	22	0.2659	0.2462	0.0525									
20	<i>Cardinalis</i>	Island	5	0.2000	0.0985	0.0440							0.249	0.234	I
23	<i>Cardinalis</i>	Cont	11	0.1582	0.0502	0.0151									
24	<i>Cardinalis</i>	Cont	3	0.2600	0.1997	0.1153	4	4.136	0.388	0.649	0.631		0.180	0.193	C
28	<i>Columbina</i>	Island	7	0.1286	0.0219	0.0083						b	0.129	0.129	I
29	<i>Columbina</i>	Cont	6	0.0383	0.0147	0.0060	1	9.176	0.002	72.911	0.000	a	0.038	0.038	C
30	<i>Dendroica</i>	Island	4	0.2425	0.1053	0.0527						b			
31	<i>Dendroica</i>	Island	4	0.1050	0.0624	0.0312						a	0.174	0.174	I
32	<i>Dendroica</i>	Cont	6	0.1100	0.0569	0.0232	2	5.253	0.072	4.652	0.034	ab	0.110	0.110	C
33	<i>Dumetella</i>	Island	13	0.4454	0.1583	0.0439						ab	0.445	0.445	I
35	<i>Dumetella</i>	Cont	20	0.3390	0.1478	0.0838						a			
36	<i>Dumetella</i>	Cont	2	0.6650	0.3748	0.2650	2	5.352	0.069	4.511	0.019	b	0.369	0.417	C
37	<i>Hemignathus</i>	Island	2	0.1200	0.0424	0.0300									
38	<i>Carpodacus</i>	Island	4	0.1150	0.0603	0.0301									
39	<i>Carpodacus</i>	Island	4	0.1275	0.0386	0.0193							0.121	0.121	I
40	<i>Carpodacus</i>	Cont	4	0.0725	0.0150	0.0075	3	4.322	0.229	1.314	0.324		0.073	0.073	C
43	<i>Passer</i>	Island	6	0.0650	0.0451	0.0184									
44	<i>Passer</i>	Island	2	0.0700	0.0283	0.0200									
45	<i>Passer</i>	Island	4	0.1375	0.0556	0.0278							0.090	0.091	I
46	<i>Passer</i>	Cont	9	0.0833	0.0472	0.0157	3	4.464	0.216	2.057	0.144		0.083	0.083	C
47	<i>Sialia</i>	Island	7	0.1643	0.0877	0.0332							0.164	0.164	I
48	<i>Sialia</i>	Cont	7	0.1229	0.0647	0.0245	1	1.209	0.272	1.011	0.335		0.123	0.123	C
54	<i>Zenaida</i>	Island	10	0.1220	0.0781	0.0247									
55	<i>Zenaida</i>	Island	5	0.1180	0.0726	0.0325									
56	<i>Zenaida</i>	Island	1	0.1100	.	.							0.120	0.119	I
57	<i>Zenaida</i>	Cont	2	0.0477	0.0039	0.0325									
58	<i>Zenaida</i>	Cont	1	0.0596	.	.									
59	<i>Zenaida</i>	Cont	6	0.1050	0.0704	0.0287	5	3.210	0.668	0.458	0.803		0.087	0.079	C

Appendix, Table 4

[HETEROPHIL] (no.*10 ³ /uL)																
Pop. #	Genus	Origin		n	Mean	SD	SE	df	K-W Chi ²	ANOVA			Tukey	Mean (Indiv)	Weighted Mean	Isl/Cont
		Isl/Cont								Sig.	F	Sig.				
18	<i>Cardinalis</i>	Isl		2	7.1300	4.6810	3.3100						b			
19	<i>Cardinalis</i>	Isl		22	2.0418	1.8308	0.3903						a			
20	<i>Cardinalis</i>	Isl		5	2.7720	2.4757	1.1072						a	2.52	3.10	I
22	<i>Cardinalis</i>	Cont		3	0.7300	0.2166	0.1250						a			
23	<i>Cardinalis</i>	Cont		11	1.1136	0.6449	0.1944						a			
24	<i>Cardinalis</i>	Cont		3	0.8633	0.8223	0.4748	5	14.027	0.015	4.766	0.002	a	1.00	0.95	C
33	<i>Dumetella</i>	Isl		10	2.4810	1.6264	0.5143						ab	2.48	2.48	I
34	<i>Dumetella</i>	Cont		8	1.4138	0.6344	0.2243						a			
35	<i>Dumetella</i>	Cont		20	1.5600	1.0213	0.2284						a			
36	<i>Dumetella</i>	Cont		2	4.1500	3.8467	2.7200	3	3.847	0.278	3.469	0.026	b	1.69	1.93	C
54	<i>Zenaida</i>	Isl		9	3.4589	1.8162	0.6054									
55	<i>Zenaida</i>	Isl		5	1.9000	1.1594	0.5185									
56	<i>Zenaida</i>	Isl		1	1.7600	.	.							2.83	2.63	I
59	<i>Zenaida</i>	Cont		6	2.5850	1.4507	0.5923	3	2.976	0.395	1.243	0.325		2.59	2.59	C

[LYMPHOCYTE] (no.*10 ³ /uL)																
Pop. #	Genus	Origin		n	Mean	SD	SE	df	K-W Chi ²	ANOVA			Tukey	Mean (Indiv)	Weighted Mean	Isl/Cont
		Isl/Cont								Sig.	F	Sig.				
18	<i>Cardinalis</i>	Isl		2	5.405	1.775	1.2550									
19	<i>Cardinalis</i>	Isl		22	4.793	4.520	0.9636									
20	<i>Cardinalis</i>	Isl		5	4.056	1.940	0.8677							4.71	4.70	I
22	<i>Cardinalis</i>	Cont		3	2.450	0.611	0.3528									
23	<i>Cardinalis</i>	Cont		11	4.334	1.193	0.3598									
24	<i>Cardinalis</i>	Cont		3	3.513	0.782	0.4517	5	7.807	0.167	0.342	0.884		3.86	3.64	C
33	<i>Dumetella</i>	Isl		10	3.3240	1.8735	0.5924						a	3.32	3.32	I
34	<i>Dumetella</i>	Cont		8	3.1350	1.1650	0.4119						a			
35	<i>Dumetella</i>	Cont		20	5.0200	1.8285	0.4089						a			
36	<i>Dumetella</i>	Cont		2	4.0400	1.0889	0.7700	3	9.995	0.019	3.427	0.027	a	4.45	4.25	C
54	<i>Zenaida</i>	Isl		9	4.6544	1.3958	0.4653									
55	<i>Zenaida</i>	Isl		5	4.0800	1.5881	0.7102									
56	<i>Zenaida</i>	Isl		1	2.8400	.	.							4.34	4.16	I
59	<i>Zenaida</i>	Cont		6	4.9717	2.9316	1.1968	3	1.372	0.712	0.427	0.736		4.97	4.97	C

[MONOCYTE]

(no.*10³/uL)

Pop. #	Genus	Origin Isl/Cont	n	Mean	SD	SE	df	K-W Chi ²	ANOVA Sig.	F	Sig.	Tukey	Mean	Weighted	Isl/Cont
													(Indiv)	Mean	
18	Cardinalis	Isl	2	0.6150	0.4031	0.2850									
19	Cardinalis	Isl	22	0.6650	1.0278	0.2191									
20	Cardinalis	Isl	5	0.2540	0.0750	0.0336							0.59	0.55	I
22	Cardinalis	Cont	3	0.0700	0.1212	0.0700									
23	Cardinalis	Cont	11	0.3873	0.2576	0.0777									
24	Cardinalis	Cont	3	0.2367	0.1721	0.0994	5	8.394	0.136	0.630	0.678		0.30	0.27	C
33	Dumetella	Isl	10	0.5150	0.4217	0.1334							0.52	0.52	I
34	Dumetella	Cont	8	0.1075	0.1156	0.0409									
35	Dumetella	Cont	20	0.3480	0.2320	0.0519									
36	Dumetella	Cont	2	0.4450	0.4455	0.3150	3	8.579	0.035	3.130	0.037	a	0.29	0.29	C
54	Zenaida	Isl	9	0.2444	0.3091	0.1030									
55	Zenaida	Isl	5	0.3060	0.1585	0.0709									
56	Zenaida	Isl	1	0.2500	.	.							0.27	0.27	I
59	Zenaida	Cont	6	0.2950	0.3190	0.1302	3	0.632	0.889	0.067	0.977		0.30	0.30	C

[EOSINOPHIL]

(no.*10³/uL)

Pop. #	Genus	Origin Isl/Cont	n	Mean	SD	SE	df	K-W Chi ²	ANOVA Sig.	F	Sig.	Tukey	Mean	Weighted	Isl/Cont
													(Indiv)	Mean	
18	Cardinalis	Isl	2	0.0000	0.0000	0.0000									
19	Cardinalis	Isl	22	0.0382	0.0844	0.0180									
20	Cardinalis	Isl	5	0.0580	0.1297	0.0580							0.039	0.037	I
22	Cardinalis	Cont	3	0.0533	0.0924	0.0533									
23	Cardinalis	Cont	11	0.0155	0.0513	0.0155									
24	Cardinalis	Cont	3	0.0233	0.0404	0.0233	5	1.813	0.874	0.328	0.893		0.024	0.027	C
33	Dumetella	Isl	10	0.1250	0.1822	0.0576							0.125	0.125	I
34	Dumetella	Cont	8	0.1725	0.2159	0.0763									
35	Dumetella	Cont	20	0.0325	0.0675	0.0151									
36	Dumetella	Cont	2	0.0650	0.0919	0.0650	3	3.612	0.307	2.220	0.103		0.072	0.083	C
54	Zenaida	Isl	9	0.1089	0.2011	0.0670									
55	Zenaida	Isl	5	0.0340	0.0760	0.0340									
56	Zenaida	Isl	1	0.0500	.	.							0.080	0.073	I
59	Zenaida	Cont	6	0.0000	0.0000	0.0000	3	4.081	0.253	0.759	0.532		0.000	0.000	C

[BASOPHIL]

(no.*10³/uL)

Pop. #	Genus	Origin Isl/Cont	n	Mean	SD	SE	df	K-W Chi ²	Sig.	ANOVA		Tukey	Mean	Weighted	Isl/Cont
										F	Sig.		(Indiv)	Mean	
18	<i>Cardinalis</i>	Isl	2	0.0000	0.0000	0.0000									
19	<i>Cardinalis</i>	Isl	22	0.0087	0.0297	0.0063									
20	<i>Cardinalis</i>	Isl	5	0.0000	0.0000	0.0000							0.007	0.005	I
22	<i>Cardinalis</i>	Cont	3	0.0000	0.0000	0.0000									
23	<i>Cardinalis</i>	Cont	11	0.0000	0.0000	0.0000									
24	<i>Cardinalis</i>	Cont	3	0.0000	0.0000	0.0000	5	2.230	0.816	0.377	0.862		0.000	0.000	C
33	<i>Dumetella</i>	Isl	10	0.0340	0.0943	0.0298							0.034	0.034	I
34	<i>Dumetella</i>	Cont	8	0.0000	0.0000	0.0000									
35	<i>Dumetella</i>	Cont	20	0.0120	0.0537	0.0120									
36	<i>Dumetella</i>	Cont	2	0.0000	0.0000	0.0000	3	3.156	0.368	0.537	0.660		0.008	0.006	C
54	<i>Zenaida</i>	Isl	9	0.0000	0.0000	0.0000									
55	<i>Zenaida</i>	Isl	5	0.0000	0.0000	0.0000									
56	<i>Zenaida</i>	Isl	1	0.0000	.	.							0.000	0.000	I
59	<i>Zenaida</i>	Cont	6	0.0000	0.0000	0.0000	3	0.000	1.000	.	.		0.000	0.000	C

**[TOTAL
LEUKOCYTE]**

(no.*10³/uL)

Pop. #	Genus	Origin Isl/Cont	n	Mean	SD	SE	df	K-W Chi ²	Sig.	ANOVA		Tukey	Mean	Weighted	Isl/Cont
										F	Sig.		(Indiv)	Mean	
18	<i>Cardinalis</i>	Isl	2	13.1500	6.8589	4.8500									
19	<i>Cardinalis</i>	Isl	22	7.5455	7.2152	1.5383									
20	<i>Cardinalis</i>	Isl	5	7.1400	4.2741	1.9114							7.86	8.39	I
22	<i>Cardinalis</i>	Cont	3	3.4333	0.5132	0.2963									
23	<i>Cardinalis</i>	Cont	11	5.8455	1.2817	0.3864									
24	<i>Cardinalis</i>	Cont	3	4.6333	1.4640	0.8452	5	10.841	0.055	0.980	0.442		5.21	4.92	C
33	<i>Dumetella</i>	Isl	10	6.4900	3.2220	1.0189							6.49	6.49	I
34	<i>Dumetella</i>	Cont	8	4.8250	1.8242	0.6450									
35	<i>Dumetella</i>	Cont	20	6.9700	2.5567	0.5717									
36	<i>Dumetella</i>	Cont	2	8.7000	3.1113	2.2000	3	5.410	0.144	1.750	0.174		6.51	6.55	C
54	<i>Zenaida</i>	Isl	9	8.4667	3.0830	1.0277									
55	<i>Zenaida</i>	Isl	5	6.3200	2.2073	0.9871									
56	<i>Zenaida</i>	Isl	1	4.9000	.	.							7.51	7.12	I
59	<i>Zenaida</i>	Cont	6	7.8500	4.3029	1.7567	3	2.313	0.510	0.681	0.576		7.85	7.85	C