Appendix A. Genetic data summary of 13 Zenaida Doves microsatellite markers for adults and juveniles from territorial and group-feeding areas. Sample size. Na: number of alleles and (total number). A: allelic richness based on minimum sample size of four individuals (overall value). He and Ho: expected and observed heterozygosities respectively. pHW: *P*-value from Hardy Weinberg equilibrium test. Significance levels were defined with BY's correction for adjusted 5% nominal level and significant values after correction are in bold.

	Territorial Zenaida Doves				flock-feeding Zenaida Doves			
Site	Bellairs		Sunset Crest		Harbour		Roberts	
Age class	Adults	Juveniles	Adults	Juveniles	Adults	Juveniles	Adults	Juveniles
Sample size	70	33	189	52	62	10	61	12
ZaA4								
Na (9)	8	5	8	7	6	4	8	5
A (3.95)	4.44	3.26	3.78	4.03	4.12	4.00	3.74	3.33
He	0.81	0.68	0.74	0.76	0.78	0.79	0.60	0.65
Ho	0.78	0.64	0.71	0.74	0.74	0.50	0.60	0.50
pHW	0.3455	0.4054	0.2457	0.4465	0.3090	0.2558	0.5497	0.1586
ZaA5								
Na (18)	15	9	12	14	9	6	12	7

A (5.45)	5.94	4.45	5.31	4.88	5.06	4.52	5.28	4.88
He	0.91	0.81	0.87	0.83	0.86	0.82	0.87	0.85
Ho	0.84	0.85	0.80	0.79	0.81	1.00	0.92	0.75
pHW	0.0485	0.7750	0.0049	0.2412	0.2155	1.0000	0.9137	0.2470
ZaA112								
Na (7)	6	6	7	6	5	3	6	5
A (3.77)	3.76	3.94	3.77	3.64	3.79	3.00	3.80	3.56
He	0.74	0.76	0.84	0.73	0.74	0.71	0.75	0.74
Ho	0.90	0.93	0.93	0.83	0.79	0.50	0.76	1.00
pHW	0.9992	0.9984	0.9985	0.9573	0.8399	0.3124	0.6448	1.0000
ZaC11								
Na (7)	7	7	6	7	7	4	5	5
A (3.83)	4.02	3.80	3.79	3.84	3.70	3.51	3.70	4.01
He	0.78	0.74	0.75	0.73	0.73	0.70	0.75	0.79
Ho	0.69	0.61	0.70	0.74	0.48	0.40	0.62	0.50
pHW	0.0624	0.0510	0.0863	0.6372	**0.0000**	0.0286	0.0149	0.0235
ZaC12								

Na (15)	11	9	12	11	11	6	13	6
A (4.65)	4.63	4.71	4.59	4.47	4.63	4.36	4.68	4.12
He	0.82	0.83	0.80	0.77	0.81	0.80	0.82	0.76
Ho	0.70	0.83	0.71	0.73	0.60	0.87	0.88	0.67
pHW	0.0100	0.5915	0.0008	0.2404	**0.0001**	0.8587	0.9298	0.3599
ZaD1								
Na (8)	8	7	8	7	8	7	8	7
A (4.61)	4.65	4.50	4.51	4.69	4.35	5.06	4.65	4.61
He	0.83	0.81	0.81	0.84	0.79	0.86	0.83	0.82
Ho	0.84	0.77	0.80	0.67	0.80	0.78	0.80	0.83
pHW	0.6400	0.3658	0.3038	0.0022	0.6544	0.3585	0.3329	0.6753
ZaD7								
Na (9)	8	8	8	8	8	5	9	6
A (4.37)	4.58	4.34	4.28	4.33	4.18	5.00	4.32	4.26
He	0.81	0.79	0.79	0.80	0.76	0.86	0.78	0.76
Ho	0.84	0.87	0.79	0.95	0.82	0.75	0.75	0.82
pHW	0.7985	0.9185	0.5587	0.9996	0.9186	0.4826	0.2917	0.8409

ZaD11

Na (10)	7	6	9	7	6	4	9	5
A (4.16)	4.35	4.29	4.19	4.00	4.08	3.70	4.10	4.22
He	0.79	0.80	0.78	0.73	0.78	0.77	0.77	0.80
Ho	0.81	0.69	0.82	0.72	0.85	0.75	0.82	0.44
pHW	0.7362	0.0930	0.9592	0.4694	0.9495	0.5670	0.8870	0.0152

ZaD104

Na (11)	9	8	10	7	8	8	9	6
A (4.49)	4.52	4.33	4.48	4.59	4.00	5.28	4.57	4.00
He	0.81	0.78	0.82	0.83	0.77	0.88	0.81	0.76
Ho	0.89	0.74	0.81	0.90	0.75	1.00	0.85	0.58
pHW	0.9795	0.3248	0.5091	0.9438	0.3882	1.0000	0.8451	0.1193

ZaD105

Na (7)	6	6	7	6	6	5	6	5
A (3.10)	3.10	3.28	2.94	3.25	3.17	3.79	3.08	2.56
He	0.62	0.62	0.57	0.65	0.58	0.71	0.63	0.38
Ho	0.72	0.70	0.55	0.72	0.52	0.78	0.64	0.25

pHW	0.9790	0.9195	0.3048	0.9351	0.1229	0.8435	0.6514	0.0683
ZaD108								
Na (11)	9	9	11	9	9	6	9	7
A (5.08)	5.23	5.29	4.94	4.89	5.11	4.55	5.03	4.92
He	0.87	0.87	0.84	0.85	0.86	0.82	0.85	0.85
Ho	0.72	0.78	0.80	0.90	0.86	0.70	0.80	0.83
pHW	0.0008	0.0945	0.0859	0.9225	0.5890	0.2476	0.1471	0.5411
ZaD119								
Na (10)	7	7	9	9	9	7	10	6
A (4.26)	4.17	4.34	4.34	4.39	4.23	4.53	4.19	3.62
He	0.77	0.79	0.79	0.79	0.76	0.75	0.77	0.67
Ho	0.67	0.81	0.79	0.71	0.88	0.75	0.76	0.82
pHW	0.0248	0.6871	0.5226	0.1027	0.9980	0.7186	0.4812	0.9832
ZaD121								
Na (14)	11	9	12	11	10	6	12	10
A (5.36)	5.62	5.22	5.22	5.35	5.24	4.45	5.48	5.65
He	0.89	0.87	0.87	0.87	0.87	0.81	0.88	0.89

Ho	0.84	0.71	0.79	0.67	0.84	0.80	0.91	0.75
pHW	0.1111	0.0139	0.0033	**0.0001**	0.2780	0.6071	0.8271	0.1188
ALL								
pHW	0.1034	0.1791	0.0095	0.2830	0.0327	0.0801	0.5020	0.0069