Restocked and non-restocked populations genetic composition: a case study in red-legged partridge (*Alectoris rufa*)

Natalia SEVANE[*], Susana DUNNER, Paloma GARCÍA-ATANCE and Javier CAÑÓN

Department of Animal Production, Veterinary Faculty, Universidad Complutense, 28040 Madrid, Spain

Supplementary material

* Corresponding author: tel.: +34 91 394 3765, fax: +34 91 394 3772, e-mail: nata_sf@hotmail.com

TABLE S1. Descriptive statistics for each of the 22 microsatellite markers genotyped in four partridge populations

Locus	No. of alleles	Repeat motif	Allele size range	H_o	H_e	F_{IS}	F_{ST}	F_{IT}
MCW0104	12	$(TG)_{14}$	81-109	79.3	88.0	1.43	10.74	12.02
MCW118	3	TG	160-180	20.5	42.2	3.04	56.39	57.72
MCW0199	12	$(TG)_5(GC)_2(TG)_{11}$	274-288	75.0	86.1	3.21	12.43	15.24
MCW0121	7	$(TG)_{13}$	174-190	44.6	69.7	19.06	25.52	39.72
MCW0215	4	$(TG)_n$	250-256	25.9	47.2	40.85	10.03	46.79
Aru1.9	25	$T18(GT)_{18}$	110-155	58.6	91.4	28.54	13.45	38.16
Aru1.19	6	$(GT)_{11}TT(GT)_5$	198-208	55.4	80.8	11.07	27.84	35.83
Aru1.23	4	$(GT)_{17}$	177-185	27.9	34.5	3.88	18.06	21.24
Aru1.27	15	$(GT)_{17}$	170-204	72.0	83.1	2.28	14.13	16.08
Aru1.29	12	$(GT)_{17}$	140-166	51.4	81.7	23.47	22.30	40.53
MCW295	7		94-108	66.7	75.7	-7.27	21.65	15.96
MCW0152	4	$(TG)_7G_8$	178-190	2.7	42.4	49.89	93.07	96.53
MCW0212	2	$(GT)_{11}$	160-162	5.1	6.0	-5.06	4.22	-0.62
MCW0127	4	$(TG)_{30}$	206-212	57.5	74.6	13.50	13.49	25.17
MCW280	4		174-180	35.5	63.9	6.40	47.01	50.40
MCW0043	3	$(T)_{21}$	133-137	12.6	29.9	32.70	44.55	62.68
MCW0044	2	$(T)_{27}$	140-144	48.6	50.9	0.35	4.15	4.48
MCW276	4	GT-GA	208-216	32.7	57.0	15.85	37.71	47.58
MCW225	4		176-192	20.0	47.5	6.05	61.76	64.08
MCW323	11	CA	92-116	62.0	78.2	-0.62	25.67	25.20
MCW135	10	CA	120-138	65.8	82.0	4.17	19.99	23.33
MCW0146	8	$(TG)_8TC(TG)_2N_6(TG)_7$	141-159	63.6	77.1	10.84	9.30	19.13

TABLE S2. Microsatellite name, allele size (first row) and allele frequency (second row) for each of the 22 microsatellite markers in four partridge populations

MCW0104	81	89	91	93	95	97	99	101	103	105	107	109
	0.09	0.01	0.19	0.16	0.09	0.05	0.01	0.06	0.14	0.14	0.07	0.01

MCW118	160	170	180
	0.03	0.73	0.24

MCW0199	274	278	279	280	281	282	283	284	285	286	287	288
	0.01	0.11	0.10	0.01	0.03	0.20	0.03	0.20	0.13	0.16	0.02	0.01

MCW0121	174	180	182	184	186	188	190
	0.01	0.01	0.24	0.02	0.05	0.25	0.44

MCW0215	250	252	254	256
	0.05	0.71	0.14	0.10

Aru1.9	110	112	114	116	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	138	155
	0.01	0.01	0.01	0.08	0.08	0.01	0.08	0.03	0.22	0.04	0.06	0.01	0.04	0.01	0.02	0.09	0.03	0.05	0.04	0.04	0.04	0.01	0.01	0.02	0.01

Aru1.19	198	200	202	204	206	208
	0.12	0.08	0.21	0.30	0.17	0.11

Aru1.23	177	179	183	185
	0.10	0.03	0.81	0.06

Aru1.27	170	174	176	178	180	182	184	186	188	190	192	196	198	200	204
	0.01	0.01	0.32	0.01	0.08	0.13	0.05	0.16	0.14	0.07	0.01	0.01	0.01	0.01	0.01

Aru1.29	140	144	148	150	152	154	156	158	160	162	164	166
	0.05	0.01	0.01	0.01	0.01	0.23	0.09	0.30	0.01	0.04	0.17	0.10

MCW295	94	96	100	102	104	106	108
	0.02	0.16	0.15	0.07	0.20	0.40	0.01

MCW152	178	182	186	190
	0.01	0.72	0.26	0.01

MCW0212	160	162
	0.98	0.02

MCW0127	206	208	210	212
	0.21	0.29	0.19	0.32

MCW280	174	176	178	180
	0.29	0.50	0.21	0.01

MCW0043	133	135	137
	0.12	0.84	0.05

MCW0044	140	144
	0.54	0.46

MCW276	208	210	214	216
	0.63	0.15	0.09	0.14

MCW225	176	180	182	192
	0.12	0.70	0.17	0.01

MCW323	92	96	98	100	102	104	106	108	112	114	116
	0.02	0.08	0.03	0.02	0.02	0.41	0.08	0.03	0.12	0.03	0.18

MCW135	120	122	124	126	128	130	132	134	136	138
	0.01	0.16	0.09	0.01	0.25	0.07	0.28	0.02	0.10	0.02

MCW0146	141	147	149	151	153	155	157	159
	0.01	0.04	0.08	0.12	0.36	0.28	0.08	0.04