## Journal of Avian Biology

## JAV-00713

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Supplementary material

## Appendix 1

Table A1. Characteristics of the microsatellite loci used to assign paternity in a population of great tits.

	2009				_	2010			
Locus	Alleles	Ho	$H_{ m E}$	$P_{ m E}$		Alleles	$H_0$	$H_{ m E}$	PE
PmaC25	10	0.420	0.388	0.237		11	0.410	0.440	0.276
PmaD22	28	0.900	0.910	0.820		29	0.927	0.919	0.838
PmaGAn27	20	0.881	0.921	0.837		20	0.789	0.918	0.833
PmaTGAn42	13	0.848	0.801	0.616		11	0.871	0.838	0.677
PmaTGAn45	9	0.617	0.659	0.424		9	0.693	0.668	0.450
Pma69u	11	0.405	0.401	0.245		9	0.416	0.419	0.257
Pma179	7	0.623	0.671	0.460		7	0.684	0.723	0.508
Pma303	13	0.749	0.740	0.520		11	0.789	0.736	0.521
Combined				>0.999					>0.999

Data are based on more than 401 and 449 individuals in 2009 and 2010, respectively. Alleles are the number of alleles detected,  $H_{\rm O}$  and  $H_{\rm E}$  are the observed and expected heterozygosity, respectively, and  $P_{\rm E}$  is the exclusion probability. Calculations were made using CERVUS 3.0.