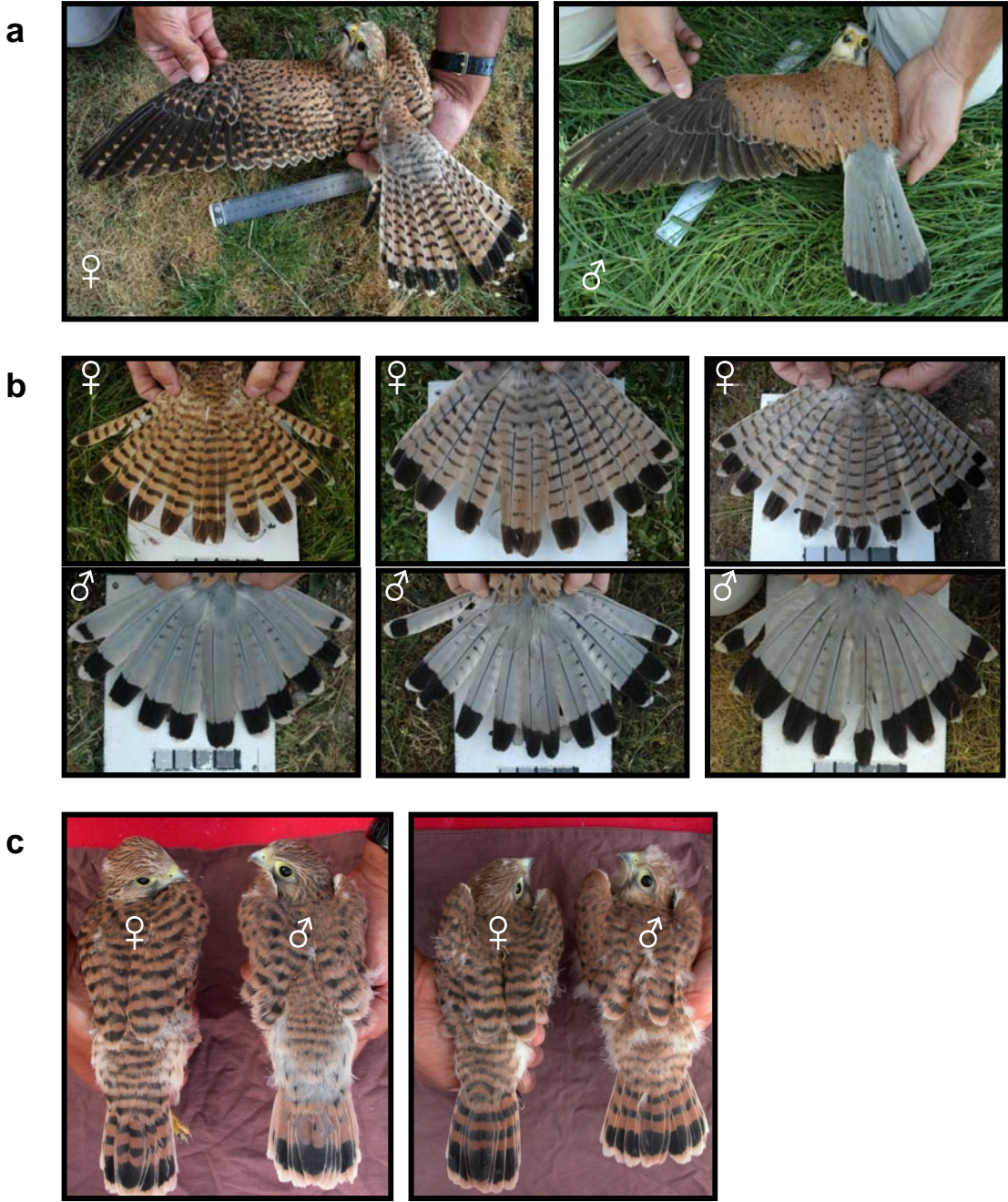
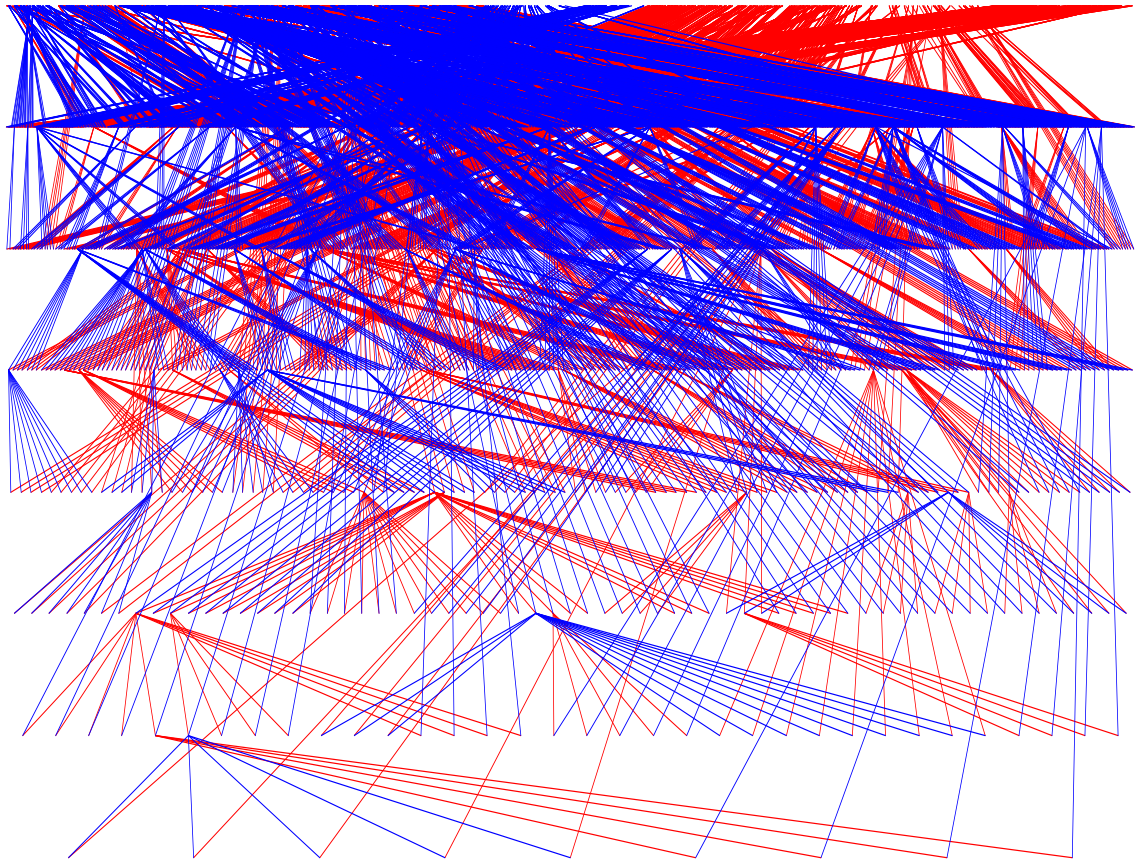


Supplementary information



**Figure S1** Melanin-based colour traits in the common kestrel. (a) Black tail band and rump and tail colorations in an adult of each sex. (b) Inter-individual variation in width of black tail band and tail grey coloration of adults. (c) Inter-individual variation in rump coloration of fledglings. Two individuals in each box are siblings.



**Figure S2** The structure of the common kestrel pedigree that is informative ( $N = 2716$ ). Blue lines denote maternal links and red lines paternal links.

**Table S1** Pedigree statistics of informative individuals of the common kestrel pedigree

	Statistics
Number of individuals	2716
Number of maternities	1974
Number of paternities	1974
Mean maternal sibship size	6.409
Mean paternal sibship size	4.960
Pedigree maximum depth	7
Pairwise relatedness	
0.125	0.010
0.25	0.006
0.5	0.002