Supplementary Information

The mitochondrial cytochrome c oxidase I gene reveals phylogeographic structure in the African Goshawk *Accipiter tachiro* (Accipitridae)

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Supplementary Table S1: List of the material of the eight subspecies of *Accipiter tachiro* and of the outgroup *Accipiter castanilius* used in the study with museum species ID and sample origin (B = blood, T = toe pad, F = feather), GenBank accession number, individual code, collection locality and collection year. RBINS = Royal Belgian Institute of Natural Sciences, RMCA = Royal Museum for Central Africa, UCZM = University of Copenhagen Zoological Museum, ZFMK = Zoologisches Forschungsmuseum Alexander Koenig

Subspecies	Species ID	GenBank accession no.	Individual code	Collection locality	Collection year
<i>A. t. macroscelides</i>	RMCA8036A204 (T)	JF312155	I4	Liberia	1980
	RMCA8036A153 (T)	JF312154	I3	Liberia	1980
<i>A. t. toussenelii</i>	RMCA7731A02 (T)	JF312151	I14	DR Congo	1977
	RMCA124660 (T)	JF312134	I5	Cameroon	1970
	RMCA60351 (T)	JF312145	I13	DR Congo (Bas-Congo, Banana)	1952
	RMCA64432 (T)	JF312141	I12	DR Congo (Uele)	1952
<i>A. t. canescens</i>	RMCA101692 (T)	JF312129	I10	DR Congo (Equator)	1958
	RMCA70932 (T)	JF312148	I8	DR Congo (Ituri)	1954
	RMCA80988 (T)	JF312157	I6	DR Congo (Equator)	1954
	RMCA114514 (T)	JF312128	I9	DR Congo (Kivu)	1966
	RMCA65704 (T)	JF312146	I7	DR Congo (Uele)	1953
	RMCA115134 (T)	JF312130	I11	DR Congo (Ubangi)	1966
	RMCAA902200011 (F)	JF312083	I1	Equatorial Guinea (Bioko)	2009
<i>A. t. lopezi</i>	RMCAA902200022 (F)	JF312082	I2	Equatorial Guinea (Bioko)	2009
	RBINS4948 (T)	JF792338	I43		1852
<i>A. t. tachiro</i>	RMCA118800 (T)	JF312138	I23	Kenya	1965
	RMCA20081213 (F)	JF312142	I19	Uganda (Kampala)	2008
	RMCA125524 (T)	JF312135	I27	DR Congo (Katanga)	1971
	RMCA7444A157 (T)	JF312140	I21	DR Congo (Kivu)	1943
	RMCA8042A01 (T)	JF312156	I29	DR Congo (Kasai, Tshibungu)	1980
	RMCA99562 (T)	JF312160	I28	DR Congo (Katanga)	1958
	RMCA8004A01 (T)	JF312153	I20	DR Congo (Kivu)	1977
	RMCA33037 (T)	JF312143	I26	Zimbabwe	1932
	RMCAJ00002 (T)	JF312193	I25		
	UCZM132783 (B)	JF312197	I42	Tanzania (Morogoro, Nguru South Forest Reserve)	2003
	UCZM132904 (B)	JF312198	I34	Tanzania (Morogoro, Nguru South Forest Reserve)	2003
	UCZM132997 (B)	JF312199	I41	Tanzania (Morogoro, Nguru South Forest Reserve)	2003
	UCZM135334 (B)	JF312201	I18	Tanzania (Kigoma, Hahele Mts National Park, Kashiha Forest)	2004
	UCZM136464 (B)	JF312202	I36	Tanzania (Morogoro, Kilombero West Forest)	1995
	UCZM136478 (B)	JF312203	I38	Tanzania (Nambiga Forest, Mahenge)	1995
	UCZM137485 (B)	JF312204	I31	Tanzania (Morogoro, Nguru South Forest Reserve)	2005
	UCZM137590 (B)	JF312205	I22	Tanzania (Nguru Mts., Kilindi For., Mount Wara)	2005
	UCZM138761 (B)	JF312206	I40	Tanzania (Udzungwa Mts, Ndundulu Forest Reserve, Wallers' Camp)	2007
	UCZM139158 (B)	JF312208	I39	Tanzania (Udzungwa Mts, Ndundulu Forest Reserve, Luwala Camp)	2007
	UCZM139220 (B)	JF312209	I33	Tanzania (Udzungwa Mts, Ndundulu Forest Reserve, Luwala Camp)	2007
	UCZM139239 (B)	JF312210	I37	Tanzania (Udzungwa Mts, Ndundulu Forest Reserve, Luwala Camp)	2007
	UCZM140577 (B)	JF312214	I30	Tanzania (Sumbawanga, Kalombo River Forest Reserve, Rukwa)	2007
	UCZM134376 (B)	JF312200	I35	Tanzania (Morogoro, Mvoro, Udaha Camp)	2003
<i>A. t. pembaensis</i>	RMCAA8-4-A-1 (F)	JF312180	I32	Mozambique	
<i>A. t. unduliventer</i>	RMCA109246 (T)	JF312124	I17	Ethiopia	1947
	RMCA109472 (T)	JF312125	I16	Ethiopia (Djim Djim Forest)	1946
	RMCA109473 (T)	JF312126	I15	Ethiopia (Djim Djim Forest)	1946
Hybrid (see text)	RMCA15071 (T)	JF312139	I24	DR Congo (Uele)	1925
<i>A. castanilius</i> (outgroup)	RMCA7622A41 (T)	JF312150		DR Congo (Kivu)	1975
	RMCA118890 (T)	JF312132		DR Congo (Kivu)	1969

¹ ZFMK631496FPO

² ZFMK631492FPO

Supplementary Table S2: Mean within Kimura 2-parameter pairwise sequence divergence (diagonal) and mean between pairwise sequence divergence (below the diagonal) at the mitochondrial COI gene for the eight subspecies of *Accipiter tachiro* and the outgroup *A. castanilius*. Wherever possible, standard errors based on 10 000 bootstrap replicates are given above the diagonal and for within subspecies sequence divergence these are given between parentheses

Subspecies	<i>A. t. tachiro</i>	<i>A. t. sparsimfasciatus</i>	<i>A. t. pembaensis</i>	<i>A. t. toussenelii</i>	<i>A. t. canescens</i>	<i>A. t. macroscelides</i>	<i>A. t. lopezi</i>	<i>A. t. unduliventer</i>	<i>A. castanilius</i>
<i>A. t. tachiro</i>	—	0.004	0	0.02	0.018	0.016	0.016	0.009	0.022
<i>A. t. sparsimfasc.</i>	0.009	0.003 (0.009)	0.002	0.009	0.009	0.008	0.011	0.009	0.014
<i>A. t. pembaensis</i>	0	0.006	—	0.009	0.009	0.008	0.011	0.009	—
<i>A. t. toussenelii</i>	0.039	0.044	0.041	0	0	0.005	0.007	0.008	0.013
<i>A. t. canescens</i>	0.04	0.043	0.041	0.001	0	0.007	0.008	0.009	0.015
<i>A. t. macroscelides</i>	0.03	0.039	0.036	0.01	0.014	0	0.003	0.009	0.013
<i>A. t. lopezi</i>	0.03	0.042	0.037	0.013	0.016	0.003	0	0.01	0.013
<i>A. t. unduliventer</i>	0.01	0.027	0.023	0.026	0.027	0.03	0.034	0	0.013
<i>A. castanilius</i>	0.05	0.066	0.064	0.058	0.065	0.057	0.06	0.047	0