

ELECTRONIC APPENDIX

This is the Electronic Appendix to the article

Prioritizing species conservation: does the Cape Verde kite exist?
by

Jeff A. Johnson, Richard T. Watson and David P. Mindell

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Electronic appendices are refereed with the text; however, no attempt is made to impose a uniform editorial style on the electronic appendices.

Electronic Appendix part A. Sample information.

Common name ¹	Museum catalogue no.	Location sampled	Date collected	Sex	Museum ²
Black kite	78382	Khinjar Lake, Sind, Pakistan	28-Feb-1934	female	UMMZ
Black kite	140425	Palasbari, Assam, India	18-Dec-1951	male	UMMZ
Black kite	96560	Otsu, Honshu, Japan	5-Mar-1936	male	UMMZ
Black kite	78383	Parwali, Punjab, India	6-Mar-1933	female	UMMZ
Black kite	532081	Normanton, Queensland Australia	3-May-1914	male	AMNH
Black kite	532063	Derby, N.W. Australia	9-May-1911	female	AMNH
Black kite	704655	Kup, Papa New Guinea	May-1952	--	AMNH
Black kite	532051	Makassar, S. Celebes	Nov-1895	female	AMNH
Black kite	531936	Algeria	12-May-1909	male	AMNH
Black kite	289860	El Hajeb, Morocco	22-Apr-1929	female	AMNH
Black kite	531883	Istia d' Ombrona, Italy	1-Apr-1906	female	AMNH
Black kite	464875	Kandahar, Afghanistan	18-Oct-1937	female	AMNH
Black kite	150962	Barnasht, Giza, Egypt	Mar-1953	--	UMMZ
Black kite	1HC	original location unknown	Oct-2003	female	NBPC
"Black kite" ³	532038	Yemen, S.W. Arabia	13-Aug-1913	male	AMNH
"Black kite" ³	789260	Karamoja Dist., Uganda	4-Feb-1956	--	AMNH
"Black kite" ⁴	824394	Queensland, Australia	14-Jul-1979	male	AMNH
Yellow-billed kite	388140	Ebolora, Cameroon	1939	--	AMNH
Yellow-billed kite	531971	Nigeria	22-Dec-1919	--	AMNH
Yellow-billed kite	257718	Congo, Lulvabourg, Kasai Dist.	16-May-1923	male	AMNH
Yellow-billed kite	531965	Senegal, near Thies	30-Apr-1908	male	AMNH
Yellow-billed kite	264858	San Tome Islands	29-Mar-1928	female	AMNH
Yellow-billed kite	532032	N. Madagascar, near Diego Suarez	23-Nov-1916	female	AMNH
Yellow-billed kite	--	South Africa	May-2003	--	WOB
Yellow-billed kite	--	South Africa	May-2003	--	CRH
Red kite	155642	Salamanaca, Spain	3-Dec-1957	male	UMMZ
Red kite	531856	W. Rome, Italy	Apr-1900	--	AMNH
Red kite	531870	Tenerife, Canary Islands	Apr-1902	male	AMNH
Red kite	261698	Progekoliu(?), Cloaice, S. Sweden	1915	--	AMNH
Red kite	531852	S. Hungary	1910	--	AMNH
Red kite	G00177	Germany	Oct-2003	male	NBPC
Cape Verde kite	531873	Santo Antao, Cape Verde Is.	12-Dec-1897	male	AMNH
Cape Verde kite	531874	Rombos Is., Bravo	25-Nov-1897	--	AMNH
Cape Verde kite	265469	Ribeira Brava, Santo Antao	13-Jan-1924	male	AMNH
Cape Verde kite	265470	Canto, Sao Nicolao	26-Feb-1924	male	AMNH
Cape Verde kite	265471	Canto, Sao Nicolao	28-Feb-1924	male	AMNH
Cape Verde kite	265472	Villa, Sao Nicolao	24-Feb-1924	female	AMNH
Cape Verde kite	265473	Campa, Sao Nicolao	28-Feb-1924	female	AMNH
Cape Verde kite?	F00022	Maio or Broavista	Aug-2002	female	NBPC
Cape Verde kite?	F00050	Maio or Broavista	Aug-2002	female	NBPC
Cape Verde kite?	F00053	Maio or Broavista	Aug-2002	female	NBPC
Cape Verde kite?	F00056	Maio or Broavista	Aug-2002	female	NBPC
Cape Verde kite?	F00059	Maio or Broavista	Aug-2002	male	NBPC

¹ "Cape Verde kite?" represent the five birds recently trapped on Cape Verde of which taxon identity was determined in this study.

² AMNH, American Museum of Natural History, New York; UMMZ, University of Michigan Museum of Zoology, Ann Arbor, MI; NBPC, National Birds of Prey Centre, Gloucestershire, England; WOB, World of Birds Wildlife Sanctuary, South Africa; CRH, Centre for Rehabilitation of Wildlife, South Africa.

³ Samples were identified as Yellow-billed kites in our phylogenetic analyses.

⁴ Sample was identified as a Whistling kite (*Haliastur sphenurus*) in our phylogenetic analyses.

Electronic Appendix part B. Primers used in study to amplify mitochondrial gene regions.

Primer ID	Sequence (5-3')
<u>cytB</u>	
L14996	AAC ATC TCA ATC TGA TGA AAC TTT GG
H15332	GGC CGA GAA TAG GTT TGT GA
L15279	CCC TCA TAG CAA CTG CCT TG
H15646 ¹	GGT GTA AAG TTT TCT GGG TCT CC
L15560	GTG ACA AAA TTC CAT TCC ACC C
H15828	GGA AGG TTA TTG TGC GCT GT
L15748	CGC TAT CCT ACG CTC AAT CC
H16064 ¹	GGT CTT GTA AAC CAA ARA STG
<u>ND2</u>	
L5219 ¹	CCC ATA CCC CGA AAA TGA TG
H299	ACT GTT AGG AGT AGT GAG GAG GTA GG
L247	CAA TGA GAT ATC ACC CAA CTA GCC CA
H5766	GGA TGA AAA GGC TAG GAC TTT TCG
L5758.cv ^k ²	GGG TGG ATA GGC CTA AAC CAA AC
L5758.yb ^k ²	GGG KGG ATG GGT CTA AAC CAA AC
H852	GGT AGA AGA AAA GTC CTA GAA GGG AGA G
L768	ACT AAC AGG CTT CCT ACC TAA ATG AC
H6313 ¹	CTC TTA TTT AAG GCT TTG AAG GC
<u>Control Region</u>	
LCR	TGG TCT TGT AAR CCA AAR ANY GAA G
HCR	TGG CCC TGA MRK AGG AAC CAG

¹ Sorenson *et al.* 1999 *Mol. Phylogenet. Evol.* **12** (2), 105-114.

² primer labeled “*.ybk” was used for Yellow-billed kite samples, while all other samples used the primer labeled “*.cvk” for this primer pair (L5758-H852).