

Supplementary Material

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The avifauna, conservation and biogeography of the Njesi Highlands in northern Mozambique, with a review of the country's

Afromontane birdlife

Jones, Jamie, Sumbane and Jocque

Supplementary Table S1: Species lists of all surveys from Njesi. ‘Survey’ refers to 1= Benson (1946a), 2= Ryan and Spottiswoode (2003) and 3= this survey. Records from Benson 1946a are ascribed to the Njesi Plateau and Ryan and Spottiswoode to Mount Chitagal (see main text for descriptions). Species recorded in highland habitats (evergreen forest, highland plateau, grassland and scrub above the miombo treeline) are denoted with asterisks. Taxonomic notes and discrepancies of inconclusively identified species are denoted and described in superscript. A full annotated checklist of records from our survey (3) can be found in Jones and Jamie (2017). Taxonomy follows BirdLife/HBW (see main text).

Vernacular	Scientific	IUCN RedList status	Survey	Njesi Plateau	Chitagal	Sanga
Hildebrandt's Spurfowl*	<i>Pternistis hildebrandti</i> *	LC	3	x	x	x
Coqui Francolin	<i>Peliperdix coqui</i>	LC	3		x	
African Olive-pigeon*	<i>Columba arquatrix</i> *	LC	1,3	x		x
Lemon Dove*	<i>Aplopelia larvata</i> *	LC	3	x	x	x
Red-eyed Dove*	<i>Streptopelia semitorquata</i> *	LC	3	x	x	
Ring-necked Dove	<i>Streptopelia capicola</i>	LC	3	x	x	x
Blue-spotted Wood-Dove	<i>Turtur afer</i>	LC	3			x
Tambourine Dove*	<i>Turtur tympanistra</i> *	LC	3	x	x	x
Fiery-necked Nightjar*	<i>Caprimulgus pectoralis</i> *	LC	3		x	
Montane Nightjar*	<i>Caprimulgus poliocephalus</i> *	LC	3		x	
Freckled Nightjar*	<i>Caprimulgus tristigma</i> *	LC	2,3	x	x	x
Mozambique Nightjar	<i>Caprimulgus fossii</i>	LC	3		x	
Pennant-winged Nightjar	<i>Caprimulgus vexillarius</i>	LC	3		x	
White-rumped Swift	<i>Apus caffer</i>	LC	3			x
Common Swift	<i>Apus apus</i>	LC	3	x		

White-browed Coucal*	<i>Centropus superciliosus</i> *	LC	3	x	x	x
Levaillant's Cuckoo	<i>Clamator levaillanti</i>	LC	3			x
Klaas's Cuckoo	<i>Chrysococcyx klaas</i>	LC	3	x	x	x
African Emerald Cuckoo*	<i>Chrysococcyx cupreus</i> *	LC	3	x	x	x
Diderick Cuckoo	<i>Chrysococcyx caprius</i>	LC	3			x
Red-chested Cuckoo	<i>Cuculus solitarius</i>	LC	3	x	x	
Common Cuckoo*	<i>Cuculus canorus</i> *	LC	3			x
Buff-spotted Flufftail*	<i>Sarothrura elegans</i> *	LC	3	x		
Livingstone's Turaco*	<i>Tauraco livingstonii</i> *	LC	1,2,3	x	x	x
African Scops Owl	<i>Otus senegalensis</i>	LC	3		x	
African Wood Owl*	<i>Strix woodfordii</i> *	LC	2,3	x	x	
Spotted Eagle Owl	<i>Bubo africanus</i>	LC	3			x
European Honey-Buzzard	<i>Pernis apivorus</i>	LC	3			x
African Harrier-hawk*	<i>Polyboroides typus</i> *	LC	3	x		x
Bataleur*	<i>Terathopius ecaudatus</i> *	NT	2,3		x	
Crowned Eagle*	<i>Stephanoaetus coronatus</i> *	NT	3		x	x
Aquila sp.* ¹	<i>Aquila sp.</i> *		3		x	x
Booted Eagle*	<i>Hieraaetus pennatus</i> *	LC	3		x	x
Dark Chanting Goshawk	<i>Melierax metabates</i>	LC	3		x	
African Goshawk*	<i>Accipiter tachiro</i> *	LC	2,3	x	x	
Black Kite*	<i>Milvus migrans</i> *	LC	3		x	
Augur Buzzard*	<i>Buteo augur</i> *	LC	3			x
Eurasian Buzzard*	<i>Buteo buteo</i> *	LC	3	x	x	x
Narina Trogon*	<i>Apaloderma narina</i> *	LC	3		x	
Crowned Hornbill*	<i>Lophoceros alboterminatus</i> *	LC	2,3	x	x	x
Silvery-cheeked Hornbill*	<i>Bycanistes brevis</i> *	LC	3			x
Trumpeter Hornbill*	<i>Bycanistes bucinator</i> *	LC	3		x	x

Common Hoopoe*	<i>Upupa epops*</i>	LC	3	x	x	x
Green Woodhoopoe	<i>Phoeniculus purpureus</i>	LC	3		x	
European Bee-eater*	<i>Merops apiaster*</i>	LC	3		x	x
Swallow-tailed Bee-eater	<i>Merops hirundineus</i>	LC	2		x	
Little Bee-eater*	<i>Merops pusillus*</i>	LC	2,3	x	x	
European Roller	<i>Caracias garrulus</i>	LC	3			x
African Pygmy-kingfisher	<i>Ispidina picta</i>	LC	3	x		
Striped Kingfisher	<i>Halcyon chelicuti</i>	LC	2		x	
Eastern Green Tinkerbird*	<i>Pogoniulus simplex*</i>	LC	3		x	x
Yellow-fronted Tinkerbird	<i>Pogoniulus chrysoconus</i>	LC	2,3	x	x	x
Green-backed Honeybird	<i>Prodotiscus zambesiae</i>	LC	1	x		
Scaly-throated Honeyguide*	<i>Indicator variegatus*</i>	LC	3	x		
Greater Honeyguide	<i>Indicator indicator</i>	LC	3		x	
Red-necked Wryneck	<i>Jynx ruficollis</i>	LC	3			x
Golden-tailed Woodpecker*	<i>Campethera abingoni*</i>	LC	3	x		
Little Spotted Woodpecker	<i>Campethera cailliautii</i>	LC	2		x	
Stierling's Woodpecker	<i>Dendropicos stierlingi</i>	NT	1,2	x	x	
Cardinal Woodpecker*	<i>Dendropicos fuscescens*</i>	LC	2,3	x	x	
Dickinson's Kestrel	<i>Falco dickinsoni</i>	LC	3			x
Sooty Falcon*	<i>Falco concolor*</i>	NT	3			x
Lanner Falcon*	<i>Falco biarmicus*</i>	LC	3			x
Peregrine Falcon*	<i>Falco peregrinus*</i>	LC	3		x	
African Broadbill*	<i>Smithornis capensis*</i>	LC	3		x	
Eastern Black-headed Oriole	<i>Oriolus larvatus</i>	LC	3		x	x
Eurasian Golden Oriole*	<i>Oriolus oriolus*</i>	LC	3		x	
White-breasted Cuckooshrike	<i>Cebilepyris pectoralis</i>	LC	2,3			x
Black Cuckooshrike	<i>Campephaga flava</i>	LC	2,3		x	

White-crested Helmetshrike	<i>Prionops plumatus</i>	LC	2		x	
Retz's Helmetshrike	<i>Prionops rentzi</i>	LC	2,3		x	x
Dark Batis*	<i>Batis crypta</i> *	LC	3		x	
East Coast Batis*	<i>Batis soror</i> *	LC	2,3		x	x
Black-throated Wattle-eye*	<i>Platysteira peltata</i> *	LC	2,3		x	x
Black-backed Puffback*	<i>Dryoscopus cubla</i> *	LC	2,3	x	x	x
Brown-crowned Tchagra*	<i>Tchagra australis</i> *	LC	3	x	x	
Black-crowned Tchagra	<i>Tchagra senegala</i>	LC	2,3		x	x
Brubru	<i>Nilaus afer</i>	LC	3	x	x	
Orange-breasted Bush Shrike*	<i>Chlorophonus sulfureopectus</i> *	LC	2,3	x	x	x
Tropical Boubou*	<i>Laniarius aethiopicus</i> *	LC	2,3	x	x	x
Square-tailed Drongo*	<i>Dicrurus ludwigii</i> *	LC	2,3		x	x
Fork-tailed Drongo	<i>Dicrurus adsimilis</i>	LC	2		x	
African Paradise-flycatcher*	<i>Terpsiphone viridus</i> *	LC	3	x	x	x
Pied Crow	<i>Corvus albus</i>	LC	3			x
Yellow-bellied Hyliota	<i>Hyliota flavigaster</i>	LC	2,3		x	
Southern Hyliota	<i>Hyliota australis</i>	LC	1	x		
White-tailed Crested Flycatcher*	<i>Elminia albonotata</i> *	LC	1,2,3	x	x	x
Cinnamon-breasted Tit	<i>Melaniparus pallidiventris</i>	LC	2		x	
Southern Black Tit	<i>Melaniparus niger</i>	LC	3			x
Rufous-naped Lark	<i>Mirafra africana</i>	LC	1,3	x		x
Red-capped Lark	<i>Calandrella cinerea</i>	LC	1	x		
Flappet Lark	<i>Mirafra rufocinnamomea</i>	LC	3			x
Red-faced Crombec	<i>Sylvietta whytii</i>	LC	2		x	
Yellow-bellied Eremomela	<i>Eremomela icteropygialis</i>	LC	2,3		x	
Green-capped Eremomela	<i>Eremomela scotops</i>	LC	1,2	x	x	
Mozambique Forest-warbler*	<i>Artisornis sousae</i> *	E	1,2,3	x	x	x

African Forest-warbler*	<i>Artisornis metopias</i> *	LC	1,2,3	x	x	
Yellow-breasted Apalis*	<i>Apalis flava</i> *	LC	2,3		x	
Black-headed Apalis*	<i>Apalis melanocephala</i> *	LC	1,2,3	x	x	x
Stierling's Wren-warbler	<i>Calamonastes stierlingi</i>	LC	2,3		x	x
Bleating Camaroptera*	<i>Camaroptera brachyuran</i> *	LC	2,3	x	x	x
Red-faced Cisticola*	<i>Cisticola erythrops</i> *	LC	2,3	x		x
Singing Cisticola	<i>Cisticola cantans</i>	LC	2		x	
Lazy Cisticola*	<i>Cisticola aberrans</i> *	LC	1,2,3	x	x	x
Tawny-flanked Prinia*	<i>Prinia subflava</i> *	LC	2,3	x	x	x
Red-winged Prinia*	<i>Prinia erythropterus</i> *	LC	3		x	x
African Yellow Warbler*	<i>Iduna natalensis</i> *	LC	1,3	x		
<i>Hipploais</i> sp. * ²	<i>Hippolais</i> sp. *		3			x
Marsh Warbler	<i>Acrocephalus palustris</i>	LC	3			x
Little Rush Warbler	<i>Bradypterus baboecala</i>	LC	3			x
Evergreen-forest Warbler*	<i>Bradypterus lopezi</i> *	LC	1,2,3	x	x	x
Eastern Saw-wing*	<i>Psalidoprocne prisoptera orientalis</i> *	LC	2,3	x	x	x
Northern House Martin*	<i>Delichon urbicum</i> *	LC	3	x	x	x
Lesser Striped Swallow*	<i>Cecropis abyssinica</i> *	LC	3	x	x	x
Barn Swallow*	<i>Hirundo rustica</i> *	LC	3	x	x	x
Rock Martin*	<i>Ptyonoprogne fuligula</i> *	LC	3		x	x
Olive-headed Bulbul*	<i>Arizelocichla striifacies</i> *	LC	1,3	x	x	x
Little Greenbul*	<i>Eurillas virens</i> *	LC	2,3	x	x	x
Terrestrial Brownbul	<i>Phyllastrephus terrestris</i>	LC	2		x	
Placid Greenbul*	<i>Phyllastrephus cabanisi placidus</i> *	LC	1,3	x	x	x
Yellow-streaked Greenbul*	<i>Phyllastrephus flavostriatus</i> *	LC	3			x
Dark-capped Bulbul*	<i>Pycnonotus barbatus tricolor</i> *	LC	2,3	x	x	x

Willow Warbler*	<i>Phylloscopus trochillus*</i>	LC	3	x	x	x
Eurasian Blackcap*	<i>Sylvia atricapilla*</i>	LC	3	x		
Garden Warbler*	<i>Sylvia borin*</i>	LC	3	x		x
African Hill-babbler*	<i>Sylvia abyssinica*</i>	LC	1,3	x		
African Yellow White-eye*	<i>Zosterops senegalensis*</i>	LC	2,3	x	x	x
Arrow-marked Babbler*	<i>Turdoides jardineii*</i>	LC	2,3		x	x
African Spotted Creeper*	<i>Salpornis salvadori*</i>	LC	1,2,3	x	x	x
Red-winged Starling*	<i>Onychognathus morio*</i>	LC	3		x	x
Violet-backed Starling*	<i>Cinnyricinclus leucogaster*</i>	LC	3	x	x	x
Orange Ground Thrush*	<i>Geokichla gurneyi*</i>	LC	2,3	x	x	x
Kurrichane thrush	<i>Turdus libonyanus</i>	LC	2,3		x	
White-browed Scrub-robin*	<i>Erythropygia leucophrys*</i>	LC	3			x
African Dusky Flycatcher	<i>Muscicapa adusta</i>	LC	2		x	
Spotted Flycatcher	<i>Muscicapa striata</i>	LC	3			x
Ashy Flycatcher*	<i>Fraseria caerulescens*</i>	LC	3			x
Cape Robin-chat*	<i>Dessonornis caffra*</i>	LC	1,2,3	x	x	x
White-starred Robin*	<i>Pogonocichla stellata*</i>	LC	1,2,3	x	x	x
White-browed Robin-chat*	<i>Cossypha heuglini*</i>	LC	2,3	x	x	x
Red-capped Robin-chat*	<i>Cossypha natalensis*</i>	LC	2,3		x	x
Miombo Rock-thrush	<i>Monticola angolensis</i>	LC	1	x		
Common Stonechat*	<i>Saxicola torquatus*</i>	LC	1,2,3	x	x	
Mocking Cliff-chat*	<i>Thamnolaea cinnamomeiventris*</i>	LC	1,3	x	x	
Arnott's Chat	<i>Mrymecocichla arnotti</i>	LC	1,2	x	x	
Familiar Chat*	<i>Oenanthe familiaris*</i>	LC	2,3	x		x
Dapple-throat*	<i>Arcanator orostruthus*</i>	VU	3		x	
Western Violet-backed Sunbird	<i>Anthreptes longuemarei</i>	LC	2		x	

Collared Sunbird*	<i>Hedydipna collaris</i> *	LC	2,3	x	x	x
Olive Sunbird*	<i>Cyanomitra olivacea</i> *	LC	2,3	x	x	x
Amethyst Sunbird	<i>Chalcomitra amethystina</i>	LC	2		x	
Scarlet-chested Sunbird	<i>Chalcomitra senegalensis</i>	LC	3		x	
Eastern Miombo Double-collared Sunbird ³	<i>Cinnyris manoensis</i>		2,3	?	?	
Forest Double-collared Sunbird*	<i>Cinnyris fuelleborni</i> *	LC	2,3	?	?	x
Variable Sunbird	<i>Cinnyris venustus</i>	LC	2		x	
Red-collared Widowbird	<i>Euplectes ardens</i>	LC	2		x	
Black-winged Bishop*	<i>Euplectes hordeaceus</i> *	LC	3	x	x	x
Yellow Bishop	<i>Euplectes capensis</i>	LC	2,3		x	
Bertram's Weaver*	<i>Ploceus bertrandi</i> *	LC	2,3	x	x	
Spectacled Weaver*	<i>Ploceus ocularis</i> *	LC	2,3	x	x	x
Village Weaver	<i>Ploceus cucullatus</i>	LC	3			x
Dark-backed Weaver*	<i>Ploceus bicolor</i> *	LC	2,3		x	x
Olive-headed Weaver	<i>Ploceus olivaceiceps</i>	NT	1,2	x	x	
Firefinch sp.* ⁴	<i>Lagonosticta rubricata/rhodopareia</i> *		2,3	x		x
Orange-winged Pytilia	<i>Pytilia afra</i>	LC	3			x
Red-throated Twinspot	<i>Hypargos niveoguttatus</i>	LC	2		x	? ⁵
Common Waxbill*	<i>Estrilda astrild</i> *	LC	2,3	x	x	
Green Twinspot*	<i>Mandingoa nitidula</i> *	LC	3		x	? ⁵
Red-faced Crimsonwing*	<i>Cryptospiza reichenovii</i> *	LC	1,3	x	x	
Yellow-bellied Waxbill*	<i>Coccopygia quartinia</i> *	LC	2,3			x
Bronze Mannakin	<i>Spermestes cucullatus</i>	LC	3			x
Indigobird sp. ⁶	<i>Vidua sp.</i>		3			x
Pin-tailed Whydah	<i>Vidua macroura</i>	LC	3			x
Yellow-throated Bush-sparrow	<i>Gymnoris superciliaris</i>	LC	2,3		x	

Pipit sp. * ⁷	<i>Anthus sp.*</i>		3	x		
Tree Pipit*	<i>Anthus trivialis*</i>	LC	3	x		
Striped Pipit*	<i>Anthus lineiventris*</i>	LC	2,3		x	x
African Pipit	<i>Anthus cinnamomeus</i>	LC	1	x		
African Pied Wagtail	<i>Motacilla aguimp</i>	LC	3			x
East African Citril*	<i>Crithagra hyposticta*</i>	LC	3	x	x	x
Yellow-fronted Canary	<i>Crithagra mozambica</i>	LC	3			x
Brimstone Canary*	<i>Crithagra sulphurata*</i>	LC	3	x		
Reichard's Seedeater	<i>Crithagra reichardi</i>	LC	1,2	x	x	
Cabanis's Bunting*	<i>Emberiza cabanisi*</i>	LC	2,3	x	x	x
Vincent's Bunting*	<i>Emberiza capensis vincenti*</i>	LC	3		x	x
			Totals	89	128	109
Overall species total: 184						

¹ Either Steppe *Aquila nipalensis* or Tawny Eagle *A. rapax*.

² Seen in poor light, but probably Olive-tree Warbler *Hippolais olivetorum*.

³ Both *manoensis* and *fuelleborni* potentially occur here. Observed relatively frequently but only conclusively identified on Mt Sanga. We re-ascribe the Ryan & Spottiswoode record of *Cinnyris mediocris* (now known only from Northern Tanzania and Kenya) to one of these two taxon on Mt Chitagal and adopt a conservative of both species potentially occurring on the Njesi Plateau. Putative records of *manoensis* have not been included in species totals.

⁴ Initially identified as Jameson's Firefinch *Lagonosticta rhopopareia* in both Jones and Jamie (2017) and also reported by Ryan and Spottiswoode (2003). In light of conversations with other ornithologists (Dowsett-Lemaire in litt.) Jameson's Firefinch is typically not a species of montane habitats and may have been misidentifications of African Firefinch *L. rubricata*. Accordingly, we adopt a more conservative approach until new evidence is presented.

⁵ Twinspots were sound recorded during dawn chorus at Mt Sanga that were either Green or Red-throated Twinspots. Neither species was seen and both have similar vocalisations so could not be identified unambiguously.

⁶ Initially identified in Jones and Jamie (2017) as Purple Indigobird *Vidua purpurascens* but downgraded post-hoc to *Vidua* sp. because populations of *V. purpurascens* in non-breeding season at this latitude are inseparable from Dusky Indigobird *V. funerea*.

⁷ Large Pipit photographed but inconclusively identified. Appeared to be Long-billed Pipit *Anthus similis* which would be a significant range extension.

Supplementary Table S2: Collation of all species records per mountain in Mozambique and Malawi ordered from north to south (for locations see Figure. 1 main text). Data are taken from all published literature (sources in Table 1; main text) from each mountain. Species records are denoted by ‘x’ and unconfirmed records denoted by ‘?’. We occasionally adopt trinomial epithets with associated vernacular names for species of biogeographical relevance (see superscripts). We adopt an inclusive approach to species records, including possible vagrant /passage species to avoid arbitrary removals of records purely at our discretion. A comparison of only Afromontane species per mountain is presented in Table 3 (main text). Mt Thyolo is not included in this table because we were unable to obtain any published lists of species of species from here excepting those already presented in Table 3 from Dowsett-Lemaire (2010). Taxonomy follows BirdLife/HBW (see main text).

Family	Vernacular	Scientific	Njesi	Mecula	Inago	Namuli	Mulanje	Mabu	Chiperone	Gorongosa
Numididae	Helmeted Guineafowl	<i>Numida meleagris</i>				x				
	Southern Crested Guineafowl	<i>Guttera edouardi</i>		x				x		
Phasianidae	Common Quail	<i>Coturnix coturnix</i>				?	x			
	Hildebrandt's Francolin	<i>Pternistis hildebrandti</i>	x	x		x	x	x	x	
	Red-necked Francolin	<i>Pternistis afer</i>					x	x	x	x
	Coqui Francolin	<i>Peliperdix coqui</i>	x							
	Shelley's Francolin	<i>Scleroptila shelleyi</i>			x	x	x			
Anatidae	White-faced Whistling Duck	<i>Dendrocygna viduata</i>			x					

	African Black Duck	<i>Anas sparsa</i>			X	X	X			
	African Olive-pigeon	<i>Columba arquatrix</i>	X			X	X	X	X	X
	Eastern Bronze-naped Pigeon	<i>Columba delegorguei</i>						X	X	X
	Lemon Dove	<i>Aplopelia larvata</i>	X	X		X	X	X	X	X
	Red-eyed Dove	<i>Streptopelia semitorquata</i>	X		X	X	X			
	Ring-necked Dove	<i>Streptopelia capicola</i>	X		X		X			
	Emerald-spotted Wood-dove	<i>Turtur chalcospilos</i>					X			X
	Blue-spotted Wood-dove	<i>Turtur afer</i>	X		X	X	X	X	X	X
	Tambourine Dove	<i>Turtur tympanistria</i>	X	X	X	X	X	X	X	X
	African Green-pigeon	<i>Treron calvus</i>				X	X		X	X
	European Nightjar	<i>Caprimulgus europaeus</i>					X			
	Fiery-necked Nightjar	<i>Caprimulgus pectoralis</i>	X				X			
	Montane Nightjar	<i>Caprimulgus poliocephalus</i>	X							
	Freckled Nightjar	<i>Caprimulgus tristigma</i>	X	X	?	X	X			
	Mozambique Nightjar	<i>Caprimulgus fossii</i>	X							
	Pennant-winged Nightjar	<i>Caprimulgus vexillarius</i>	X				X		X	
	Mottled Spinetail	<i>Telacanthura ussheri</i>			?					
	Böhm's Spinetail	<i>Neafrapus boehmi</i>								X
	Scarce Swift	<i>Schoutedenapus myoptilus</i>				X	X			
	African Palm-swift	<i>Cypsiurus parvus</i>					X	X		
	Alpine Swift	<i>Tachymarptis melba</i>						X		
	Mottled Swift	<i>Tachymarptis aequatorialis</i>				X	X	X		

	White-rumped Swift	<i>Apus caffer</i>	X	X		?	X		
	Little Swift	<i>Apus affinis</i>				X			
	African Swift	<i>Apus barbatus</i>		X		X	X		
	Common Swift	<i>Apus apus</i>	X			X	X	X	
	White-browed Coucal	<i>Centropus superciliosus</i>	X		X	X	X	X	
	Chattering Yellowbill	<i>Ceuthmochares aereus</i>					X	X	X
	Levaillant's Cuckoo	<i>Clamator levaillantii</i>	X						
	Klaas's Cuckoo	<i>Chrysococcyx klaas</i>	X		X	X	X	X	X
	African Emerald Cuckoo	<i>Chrysococcyx cupreus</i>	X				X	X	X
	Diderik Cuckoo	<i>Chrysococcyx caprius</i>	X						
	Red-chested Cuckoo	<i>Cuculus solitarius</i>	X			X	X	X	X
	Black Cuckoo	<i>Cuculus clamosus</i>							X
	Common Cuckoo	<i>Cuculus canorus</i>	X				?		
	Buff-spotted Flufftail	<i>Sarothrura elegans</i>	X				X		
	Red-chested Flufftail	<i>Sarothrura rufa</i>				X			
	Striped Flufftail	<i>Sarothrura affinis</i>				?	X		
	Purple-crested Turaco	<i>Gallirex porphyreolophus</i>		X	X		X		
	Livingstone's Turaco	<i>Tauraco livingstonii</i>	X		X	X	X	X	X
	African Openbill	<i>Anastomus lamelligerus</i>					X		
	White Stork	<i>Ciconia ciconia</i>					X		
	Hammerkop	<i>Scopus umbretta</i>			X	X	X		
	African Grass-owl	<i>Tyto capensis</i>					?		

	Common Barn-owl	<i>Tyto alba</i>			X		X	X		
Strigidae	African Scops-owl	<i>Otus senegalensis</i>	X							
	African Wood-owl	<i>Strix woodfordii</i>	X	X	?	X	X	X	X	X
	Cape Eagle-owl	<i>Bubo capensis</i>				X	X			
	Spotted Eagle-owl	<i>Bubo africanus</i>	X				X	X	X	
Accipitridae	Black-shouldered Kite	<i>Elanus axillaris</i>				X	X			
	European Honey-buzzard	<i>Pernis apivorus</i>	X				X	X	X	
	African Cuckoo-hawk	<i>Aviceda cuculoides</i>						X		
	African Harrier-hawk	<i>Polyboroides typus</i>	X			X	X	X		
	Palm-nut Vulture	<i>Gypohierax angolensis</i>					X	X		
	Bateleur	<i>Terathopius ecaudatus</i>	X	X			X			
	Black-chested Snake-eagle	<i>Circaetus pectoralis</i>			X	X	X			
	Brown Snake-eagle	<i>Circaetus cinereus</i>		X			X	X		
	Southern Banded Snake-eagle	<i>Circaetus fasciolatus</i>		X				X		
	Western Banded Snake-eagle	<i>Circaetus cinerascens</i>					X			
	White-headed Vulture	<i>Trigonoceps occipitalis</i>					X			
	Hooded Vulture	<i>Necrosyrtes monachus</i>		X						
	Lappet-faced Vulture	<i>Torgos tracheliotos</i>		X						
	Crowned Eagle	<i>Stephanoaetus coronatus</i>	X			X	X	X		X
	Martial Eagle	<i>Polemaetus bellicosus</i>		X			X			
	Long-crested Eagle	<i>Lophaetus occipitalis</i>		X			X			
	Lesser Spotted Eagle	<i>Aquila pomarina</i>	?	X			X	X		
	Tawny Eagle	<i>Aquila rapax</i>	?			X				
	Steppe Eagle	<i>Aquila nipalensis</i>					X			

	Verreaux's Eagle	<i>Aquila verreauxi</i>			X			X		
	African Hawk-eagle	<i>Aquila spilogaster</i>						X		
	Wahlberg's Eagle	<i>Hieraaetus wahlbergi</i>						X		
	Booted Eagle	<i>Hieraaetus pennatus</i>	X				X	X		X
	Ayres's Hawk-eagle	<i>Hieraaetus ayresii</i>			?			X	X	
	Lizard Buzzard	<i>Kaupifalco monogrammicus</i>					X	X	X	
	Dark Chanting-goshawk	<i>Melierax metabates</i>	X							
	Gabar Goshawk	<i>Micronisus gabar</i>						?		
	Pallid Harrier	<i>Circus macrourus</i>						X		
	African Goshawk	<i>Accipiter tachiro</i>	X	X	X	X		X	X	
	Shikra	<i>Accipiter badius</i>			X					
	Little Sparrowhawk	<i>Accipiter minullus</i>			X	X		X		X
	Ovambo Sparrowhawk	<i>Accipiter ovampensis</i>						X		
	Black Sparrowhawk	<i>Accipiter melanoleucus</i>				X		X		
	Black Kite	<i>Milvus migrans</i>	X					X		
	Augur Buzzard	<i>Buteo augur</i>	X	X	X	X		X	X	X
	Eurasian Buzzard	<i>Buteo buteo</i>	X			X		X	X	
Coliidae	Speckled Mousebird	<i>Colius striatus</i>								X
Trogonidae	Narina Trogon	<i>Apaloderma narina</i>	X			X		X	X	X
	Bar-tailed Trogon	<i>Apaloderma vittatum</i>				X		X	X	X
Bucerotidae	Pale-billed Hornbill	<i>Lophoceros pallidirostris</i>						?		
	African Grey Hornbill	<i>Lophoceros nasutus</i>						?		
	Crowned Hornbill	<i>Lophoceros alboterminatus</i>	X	X	X	X		X	X	X
	Silvery-cheeked Hornbill	<i>Bycanistes brevis</i>	X	X	X	X		X	X	X

	Trumpeter Hornbill	<i>Bycanistes bucinator</i>	x	x	x		x		x	x
Upupidae	Common Hoopoe	<i>Upupa epops</i>	x				?			
Phoeniculidae	Green Woodhoopoe	<i>Phoeniculus purpureus</i>	x	x			?			
	Common Scimitarbill	<i>Rhinopomastus cyanomelas</i>					x			
Meropidae	Olive Bee-eater	<i>Merops superciliosus</i>					x	x		
	Blue-cheeked Bee-eater	<i>Merops persicus</i>				x	x			
	European Bee-eater	<i>Merops apiaster</i>	x			x	x	x		
	Swallow-tailed Bee-eater	<i>Merops hirundineus</i>	x							
	Little Bee-eater	<i>Merops pusillus</i>	x		x				x	
Coraciidae	European Roller	<i>Coracias garrulus</i>	x				?			
	Broad-billed Roller	<i>Eurystomus glaucurus</i>							x	
Alcedinidae	African Pygmy-kingfisher	<i>Ispidina picta</i>	x			x		x		x
	Half-collared Kingfisher	<i>Alcedo semitorquata</i>			x	x	x			x
	Grey-headed Kingfisher	<i>Halcyon leucocephala</i>							x	
	Brown-hooded Kingfisher	<i>Halcyon albiventris</i>					x			
	Striped Kingfisher	<i>Halcyon chelicuti</i>	x				x			
Lybiidae	Green Barbet	<i>Cryptolybia olivacea</i>				x			x	
	White-eared Barbet	<i>Stactolaema leucotis</i>			x	x	x	x	x	x
	Whyte's Barbet	<i>Stactolaema whytii</i>					x			
	Eastern Green Tinkerbird	<i>Pogoniulus simplex</i>	x	x		x				?
	Moustached Green Tinkerbird	<i>Pogoniulus leucomystax</i>					x			?

	Yellow-rumped Tinkerbird	<i>Pogoniulus bilineatus</i>			X	X	X	X	X	X
	Yellow-fronted Tinkerbird	<i>Pogoniulus chrysoconus</i>	X	X		X	X			
	Brown-breasted Barbet	<i>Lybius melanopterus</i>		X						
Indicatoridae	Green-backed Honeybird	<i>Prodotiscus zambesiae</i>	X			X	X			
	Brown-backed Honeybird	<i>Prodotiscus regulus</i>				X	?			
	Pallid Honeyguide	<i>Indicator meliphilus</i>					X	X		
	Lesser Honeyguide	<i>Indicator minor</i>				X	X	X		
	Scaly-throated Honeyguide	<i>Indicator variegatus</i>	X			X	X	X		X
	Greater Honeyguide	<i>Indicator indicator</i>	X							
Picidae	Rufous-necked Wryneck	<i>Jynx ruficollis</i>	X							
	Golden-tailed Woodpecker	<i>Campethera abingoni</i>	X	X		X	X	X		X
	Little Spotted Woodpecker	<i>Campethera cailliautii</i>	X	X					X	X
	Stierling's Woodpecker	<i>Dendropicos stierlingi</i>	X							
	Bearded Woodpecker	<i>Dendropicos namaquus</i>					?			X
	Cardinal Woodpecker	<i>Dendropicos fuscescens</i>	X		X	X	X	X	X	
Falconidae	Common Kestrel	<i>Falco tinnunculus</i>		X		X	X			
	Dickinson's Kestrel	<i>Falco dickinsoni</i>	X							
	Sooty Falcon	<i>Falco concolor</i>	X							
	Eurasian Hobby	<i>Falco subbuteo</i>				X	X			
	Lanner Falcon	<i>Falco biarmicus</i>	X		X	X	X			
	Peregrine Falcon	<i>Falco peregrinus</i>	X	X		X	X	X		
	Taita Falcon	<i>Falco fasciinucha</i>		?			X			

Psittacidae	Brown-necked Parrot	<i>Poicephalus fuscicollis</i>		X			X		
	Brown-headed Parrot	<i>Poicephalus cryptoxanthus</i>						X	
Pittidae	African Pitta	<i>Pitta angolensis</i>					X		X
Calyptomenidae	African Broadbill	<i>Smithornis capensis</i>	X			X	X	X	X
Oriolidae	Green-headed Oriole	<i>Oriolus chlorocephalus</i>						X	X
	Eastern Black-headed Oriole	<i>Oriolus larvatus</i>	X	X	X		X		X
	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	X				X		
	African Golden Oriole	<i>Oriolus auratus</i>					X		X
Campephagidae	White-breasted Cuckooshrike	<i>Ceblepyris pectoralis</i>	X				X		
	Grey Cuckooshrike	<i>Ceblepyris caesius</i>						X	X
	Black Cuckooshrike	<i>Campephaga flava</i>	X		X	X	X		X
Vangidae	White-crested Helmetshrike	<i>Prionops plumatus</i>	X				?		
	Retz's Helmetshrike	<i>Prionops retzii</i>	X				?		X
Platysteiridae	Dark Batis	<i>Batis crypta</i>	X						
	Malawi Batis	<i>Batis dimorpha</i>				X	X	X	X
	Cape Batis	<i>Batis capensis</i>							X
	Chinspot Batis	<i>Batis molitor</i>							X
	East Coast Batis	<i>Batis soror</i>	X	X		X	X	X	

	Black-throated Wattle-eye	<i>Platysteira peltata</i>	X	X	X	X	X		X	X
	Grey-headed Bush-shrike	<i>Malaconotus blanchoti</i>			X	X	?			
	Black-backed Puffback	<i>Dryoscopus cubla</i>	X	X	X	X	X	X	X	X
	Marsh Tchagra	<i>Bocagia minuta</i>				X	X		X	
	Brown-crowned Tchagra	<i>Tchagra australis</i>	X	X	X	X	X	X		X
	Black-crowned Tchagra	<i>Tchagra senegala</i>	X	X			X			
	Brubru	<i>Nilaus afer</i>	X		X		?			
	Black-fronted Bush-shrike	<i>Chlorophoneus nigrifrons</i>				X	X	X	X	X
	Olive Bush-shrike	<i>Telophorus olivaceus</i>					X			X
	Orange-breasted Bush-shrike	<i>Chlorophoneus sulfureopectus</i>	X		X	X				
	Tropical Boubou	<i>Laniarius aethiopicus</i>	X	X	X	X	X	X	X	X
	Square-tailed Drongo	<i>Dicrurus ludwigii</i>	X		X	X	X	X	X	X
	Fork-tailed Drongo	<i>Dicrurus adsimilis</i>	X	X	X		X			X
	Eastern Crested-flycatcher	<i>Trochocercus bivitattus</i>			X		X	X		X
	African Paradise-flycatcher	<i>Terpsiphone viridis</i>	X			X	X	X		X
	White-necked Raven	<i>Corvus albicollis</i>		X	X	X	X	X		
	Pied Crow	<i>Corvus albus</i>	X		X	?	X			
	Yellow-bellied Hyliota	<i>Hyliota flavigaster</i>	X							
	Southern Hyliota	<i>Hyliota australis</i>	X							
	White-tailed Crested	<i>Elminia albonotata</i>	X			X	X		X	X

[illegible]

	White-winged Apalis	<i>Apalis chariessa</i>				X	X		X	
	Black-headed Apalis	<i>Apalis melanocephala</i>	X		X	X	X	X	X	
	Chirinda Apalis	<i>Apalis chirindensis</i>								X
	Stierling's Wren-warbler	<i>Calamonastes stierlingi</i>	X							
	Bleating Camaroptera	<i>Camaroptera brachyura</i>	X	X	X	X	X	X	X	X
	Red-faced Cisticola	<i>Cisticola erythrops</i>	X			X		X		
	Singing Cisticola	<i>Cisticola cantans</i>	X		X	X	X		X	
	Lazy Cisticola	<i>Cisticola aberrans</i>	X	X	X		X			
	Rattling Cisticola	<i>Cisticola chiniana</i>								X
	Wailing Cisticola	<i>Cisticola lais</i>				X	X	X		X
	Croaking Cisticola	<i>Cisticola natalensis</i>		X	X	X				X
	Short-winged Cisticola	<i>Cisticola brachypterus</i>			?		X			
	Neddicky	<i>Cisticola fulvicapillus</i>					X			
	Tawny-flanked Prinia	<i>Prinia subflava</i>	X	X	X	X	X	X	X	X
	Red-winged Prinia	<i>Prinia erythropterus</i>	X			X	X	X	X	
Acrocephalidae	African Yellow Warbler	<i>Iduna natalensis</i>	X	X		X	X			X
	Marsh Warbler	<i>Acrocephalus palustris</i>	X							
Locustellidae	Little Rush Warbler	<i>Bradypterus baboecala</i>	X							
	Barratt's Warbler	<i>Bradypterus barratti</i>								X
	Evergreen-forest Warbler	<i>Bradypterus lopezi</i>	X			X	X		X	
	Cinnamon-bracken Warbler	<i>Bradypterus cinnamomeus</i>					X			
	Broad-tailed Grassbird	<i>Schoenicola platyurus</i>				X				
Hirundinidae	Black Saw-wing	<i>Psalidoprocne pristoptera</i>			X	X	X	X		
	Eastern Saw-wing ¹	<i>Psalidoprocne p. orientalis</i>	X	X					X	X

	Northern House Martin	<i>Delichon urbicum</i>	X	X		X	X	X	
	Lesser Striped Swallow	<i>Cecropis abyssinica</i>	X			X	?	X	X
	Mosque Swallow	<i>Cecropis senegalensis</i>					X		
	Red-rumped Swallow	<i>Cecropis daurica</i>				X	X		
	Blue Swallow	<i>Hirundo atrocaerulea</i>					X		
	White-throated Swallow	<i>Hirundo albigularis</i>					X		
	Wire-tailed Swallow	<i>Hirundo smithii</i>			X				
	Barn Swallow	<i>Hirundo rustica</i>	X			X	X	X	
	Rock Martin	<i>Ptynoprogne fuligula</i>	X	X	X	X	X		
	Collared Sand Martin	<i>Riparia riparia</i>				X			
	African Plain Martin	<i>Riparia paludicola</i>				X			
	Sombre Greenbul	<i>Andropapus importunus</i>						X	X
	Yellow-bellied Greenbul	<i>Chlorocichla flaviventris</i>		X			X		
	Olive-headed Bulbul	<i>Arizelocichla striifacies</i>	X	X					
	Stripe-cheeked Greenbul	<i>Arizelocichla milanjensis</i>				X	X	X	X
	Eastern Mountain Greenbul	<i>Arizelocichla nigriceps</i>				X	X		
Pycnonotidae	Little Greenbul	<i>Eurillas virens</i>	X		X	X	X	X	X
	Terrestrial Brownbul	<i>Phyllastrephus terrestris</i>	X				X		X
	Grey-olive Greenbul	<i>Phyllastrephus cerviniventris</i>		X	X		X	X	
	Placid Greenbul ²	<i>Phyllastrephus cabansi placidus*</i>	X	X	X	X	X	X	X
	Yellow-streaked Greenbul	<i>Phyllastrephus flavostriatus</i>	X		X	X	X	X	X
	Common Bulbul	<i>Pycnonotus barbatus</i>	X	X	X	X	X	X	X
Phylloscopida	Willow Warbler	<i>Phylloscopus trochillus</i>	X			X	X	X	

e	Yellow-throated Woodland-warbler	<i>Phylloscopus ruficapilla</i>				X	X	X	X	X
Scotocercidae	Livingstone's Flycatcher	<i>Erythrocercus livingstonei</i>								X
Sylviidae	Eurasian Blackcap	<i>Sylvia atricapilla</i>	X			X	X			X
	Garden Warbler	<i>Sylvia borin</i>	X			X	X	X		
	African Hill-babbler	<i>Sylvia abyssinica</i>	X							
Zosteropidae	African Yellow White- eye	<i>Zosterops senegalensis</i>	X	X	X	X	X	X	X	X
	Cape White-eye	<i>Zosterops virens</i>								?
Leiotrichidae	Arrow-marked Babbler	<i>Turdoides jardineii</i>	X	X	?				X	X
Sittidae	African Spotted Creeper	<i>Salpornis salvadori</i>	X				?			
Sturnidae	Red-winged Starling	<i>Onychognathus morio</i>	X	X	X	X	X	X		X
	Violet-backed Starling	<i>Cinnyricinclus leucogaster</i>	X			X	X		X	
Turdidae	Spotted Ground Thrush	<i>Geokichla guttata</i>				X	X	X		
	Orange Ground Thrush	<i>Geokichla gurneyi</i>	X			X	X		X	X
	Kurrichane Thrush	<i>Turdus libonyana</i>	X	X			X	X		
	Olive Thrush	<i>Turdus olivaceus</i>				X	X		X	X
Muscicapidae	Bearded Scrub-robin	<i>Tychaedon quadrivirgata</i>		X			X	X		X
	White-browed Scrub- robin	<i>Cercotrichas leucophrys</i>	X				X	X		

	African Dusky Flycatcher	<i>Muscicapa adusta</i>	X		X	X	X		
	Spotted Flycatcher	<i>Muscicapa striata</i>	X			X	X	X	
	Pale Flycatcher	<i>Agricola pallidus</i>					X		X
	Grey Tit-flycatcher	<i>Fraseria plumbeus</i>			X	X	X	X	
	Ashy Flycatcher	<i>Fraseria caerulescens</i>	X		X	X	X	X	X
	Southern Black-flycatcher	<i>Melaenornis pammelaina</i>				X	X		
	Cape Robin-chat	<i>Dessonornis caffra</i>	X			X	X	X	X
	Olive-flanked Robin-chat	<i>Dessonornis anomala</i>				X	X		X
	White-starred Robin	<i>Pogonocichla stellata</i>	X			X	X	X	X
	Swynnerton's Robin	<i>Swynnertonia swynnertoni</i>						X	X
	White-chested Alethe	<i>Chamaetylas fuelleborni</i>							X
	Thyolo Alethe	<i>Chamaetylas choloensis</i>			X	X	X	X	X
	White-browed Robin-chat	<i>Cossypha heuglini</i>	X	X	X		X		X
	Red-capped Robin-chat	<i>Cossypha natalensis</i>	X			X	X	X	X
	East Coast Akalat	<i>Sheppardia gunningi</i>			X			X	?
	Miombo Rock-thrush	<i>Monticola angolensis</i>	X				X		
	Common Stonechat	<i>Saxicola torquatus</i>	X		X	X	X		X
	Mocking Cliff-chat	<i>Thamnolaea cinnamomeiventris</i>	X	X	X		X		
	Arnott's Chat	<i>Mrymecocichla arnotti</i>	X						
	Familiar Chat	<i>Oenanthe familiaris</i>	X	X			X		X
Modulatricidae	Dapple-throat	<i>Arcanator orostruthus</i>	X			X		X	
Nectariniidae	Western Violet-backed Sunbird	<i>Anthreptes longuemarei</i>	X			X	X	X	
	Collared Sunbird	<i>Hedydipna collaris</i>	X	X		X	X	X	X
	Olive Sunbird	<i>Cyanomitra olivacea</i>	X	X		X	X	X	X

	Amethyst Sunbird	<i>Chalcomitra amethystina</i>	X		X		X	X		X
	Scarlet-chested Sunbird	<i>Chalcomitra senegalensis</i>	X	X	X					
	Eastern Miombo Double-collared Sunbird	<i>Cinnyris manoensis</i>	?		X	X	X			X
	Forest Double-collared Sunbird	<i>Cinnyrus fuelleborni</i>	X			X	X		X	
	Purple-banded Sunbird	<i>Cinnyris bifasciatus</i>								X
	Variable Sunbird	<i>Cinnyris venustus</i>	X	X	X	X	X	X	X	X
Ploceidae	Thick-billed Weaver	<i>Amblyospiza albifrons</i>			X		X	X		X
	Red-collared Widowbird	<i>Euplectes ardens</i>	X	X	X	X				X
	Black-winged Bishop	<i>Euplectes hordeaceus</i>	X		X	X	X			X
	Southern Red Bishop	<i>Euplectes orix</i>								
	Yellow Bishop	<i>Euplectes capensis</i>	X		X					X
	White-winged Widowbird	<i>Euplectes albonotatus</i>		X						
	Bertram's Weaver	<i>Ploceus bertrandi</i>	X			X	X	X	X	
	Spectacled Weaver	<i>Ploceus ocularis</i>	X	X		X	?	X	X	
	Village Weaver	<i>Ploceus cucullatus</i>	X							
	African Golden Weaver	<i>Ploceus subaureus</i>		X						
	Holub's Weaver	<i>Ploceus xanthops</i>					?			
	Dark-backed Weaver	<i>Ploceus bicolor</i>	X	X	X	X	X	X	X	X
	Olive-headed Weaver	<i>Ploceus olivaceiceps</i>	X						X	
Estrildidae	Jameson's Firefinch	<i>Lagonosticta rhodopareia</i>	?						X	
	African Firefinch	<i>Lagonosticta rubricata</i>	?	X	X	X	X	X		X
	Orange-winged Pytilia	<i>Pytilia afra</i>	X				?			
	Green-winged Pytilia	<i>Pytilia melba</i>					?			

	Red-throated Twinspot	<i>Hypargos niveoguttatus</i>	X		X	X	X		X
	Blue-breasted Cordon-bleu	<i>Uraeginthus angolensis</i>			X				
	Lesser Seedcracker	<i>Pyrenestes minor</i>				X	X		
	Black-tailed Waxbill	<i>Estrilda perreini</i>							X
	Common Waxbill	<i>Estrilda astrild</i>	X	X	X	X	X	X	
	Green Twinspot	<i>Mandingoa nitidula</i>	X				X	X	
	Red-faced Crimsonwing	<i>Cryptospiza reichenovii</i>	X			X	X		X
	Yellow-bellied Waxbill	<i>Coccopygia quartinia</i>	X		X	X	X	X	X
	Zebra Waxbill	<i>Amandava subflava</i>			X		X		
	Bronze Mannikin	<i>Spermestes cucullata</i>	X		X	X	X	X	X
	Black-and-white Mannikin	<i>Spermestes bicolor</i>		X	X	X	X	X	X
	Magpie Mannikin	<i>Spermestes fringilloides</i>			X		X		X
Viduidae	Pin-tailed Whydah	<i>Vidua macroura</i>	X		X	X			X
	Green Indigobird	<i>Vidua codringtoni</i>					X		
	Dusky Indigobird	<i>Vidua funerea</i>	?		?	?	X		
	Purple Indigobird	<i>Vidua purpurascens</i>	?						
Passeridae	Yellow-throated Bush-sparrow	<i>Gymnoris superciliaris</i>	X				X		
Motacillidae	Tree Pipit	<i>Anthus trivialis</i>	X			X	X		
	Striped Pipit	<i>Anthus lineiventris</i>	X	X		X	X	X	X
	African Pipit	<i>Anthus cinnamomeus</i>	X		X	X	X		
	Mountain Wagtail	<i>Motacilla clara</i>			X	X	X	X	X
	African Pied Wagtail	<i>Motacilla aguimp</i>	X		X				
Fringillidae	East African Citril	<i>Crithagra hyposticta</i>	X		X	X	X		X

	Yellow-fronted Canary	<i>Crithagra mozambica</i>	X	X	X		X	X		X
	Brimstone Canary	<i>Crithagra sulphurata</i>	X		X	X	X			X
	Reichard's Seedeater	<i>Crithagra reichardi</i>	X							
	Black-eared Seedeater	<i>Crithagra mennelli</i>					X			
Emberizidae	Cabanis's Bunting	<i>Emberiza cabanisi</i>	X			X	X		X	
	Golden-breasted Bunting	<i>Emberiza flaviventris</i>					X			
	Cinnamon-breasted Bunting	<i>Emberiza tahapisi</i>				X	X			X
	Vincent's Bunting ³	<i>Emberiza capensis vincenti</i>	X	X	X		X			

¹ ssp. *orientalis* included as 'Eastern Saw-wing' owing to distinct identifiable differences in the field noted in published literature. Racial identity of some birds unclear and probably require confirmation in future surveys

² Part of Cabanis's Greenbul complex but 'Cabanis's' (ssp. *cabanisi*) known only from north-central Angola, south-eastern DR Congo, northern Zambia and west/west-central Tanzania. 'Placid' (ssp. *placidus*) is the taxon represented in Mozambique and accordingly is treated under this vernacular here.

³ Currently considered under Cape Bunting, but Vincent's Bunting (ssp. *vincenti*) represents a distinct highland subspecies group locally distributed on mountain in south-eastern Zambia, southern Malawi, south-western Tanzania and northern Mozambique.

Supplemental Table S3: The patterns of occurrence and absence of selected Afromontane and Eastern species on surveyed Mozambican mountains (for locations and surveys see Table 1 and Figure 1 in the main text, respectively). Two mountains from southern Malawi (Mounts Mulanje and Thyolo) are also included for biogeographical context. This table builds on Table 2 from Dowsett-Lemaire (2010), by also including data from the Njesi Plateau IBA, Mount Mecula, Mount Inago and Mount Gorongosa. Species included in Table 2 of Dowsett-Lemaire (2010) that are not classed as Afrotropical Highland species by Fishpool and Evans 2001 are listed under “Selected additional Afromontane species”. We retain non- “Afrotropical highlands - A07” species reported in Dowsett-Lemaire (2010) for consistency and comparability, but have changed taxonomy according to that used throughout. For a full comparison table of all published ornithological records from all mountains, see Table S2 (online supplementary materials).

	Njesi Plateau	IBA*	Mecula	Inago	Namuli	Mulanje	Thyolo	Mabu	Chiperone	Gorongosa
Afrotropical Highlands Biome species (A07)										
Montane Nightjar										
<i>Caprimulgus poliocephalus</i>	X		-	-	-	-	-	-	-	-
Scarce Swift										
	-		-	-	X	X	-	-	-	-

<i>Sylvia abyssinica</i>									
Orange Ground Thrush									
<i>Geokichla gurneyi</i>	X	-	-	X	X	X	-	X	X
Olive-flanked Robin-chat									
<i>Dessonornis anomalus</i>	-	-	-	X	X	-	-	X	-
White-starred Robin									
<i>Pogonocichla stellata</i>	X	-	-	X	X	X	X	X	X
Swynnerton's Robin									
<i>Swynnertonia swynnertoni</i>	-	-	-	-	-	-	X	-	X
Thyolo Alethe									
<i>Chamaetylas choloensis</i>	-	-	X	X	X	X	X	X	-
Dapple-throat									
<i>Arcanator orostruthus</i>	X	-	-	X	-	-	X	-	-
Forest Double-collared Sunbird									
<i>Cinnyris fuellebornii</i>	X	-	-	X	X	-	-	X	-
Bertram's Weaver									
<i>Ploceus bertrandi</i>	X	-	-	X	X	X	X	X	-

Red-faced Crimsonwing									
<i>Cryptospiza reichenovii</i>	X	-	-	X	X	X	-	X	X
Yellow-bellied Waxbill									
<i>Coccothraustes quartinia</i>	X	-	X	X	X	X	X	X	X
East African Citril									
<i>Crithagra hyposticta</i>	X	-	X	X	X	X	-	X	-
Selected Additional Afromontane Species									
African Olive-pigeon									
<i>Columba arquatrix</i>	X	-	-	X	X	X	X	X	X
Lemon Dove									
<i>Aplopelia larvata</i>	X	X	-	X	X	X	X	X	X
Striped Flufftail									
<i>Sarothrura affinis</i>	-	-	-	?	X	-	-	-	-
Cape Eagle Owl									
<i>Bubo capensis</i>	-	-	-	X	X	-	-	-	-
Malawi Batis									
	-	-	-	X	X	X	X	X	-

<i>Batis dimorpha</i>									
Cape Batis	-	-	-	-	-	-	-	-	X
<i>Batis capensis</i>									
Evergreen Forest Warbler	X	-	-	X	X	X	-	X	-
<i>Bradypterus lopezi</i>									
Placid Greenbul	X	X	X	X	X	X	X	X	-
<i>Phyllastrephus cabanisi placidus</i>									
Yellow-streaked Greenbul	X	-	X	X	X	X	X	X	X
<i>Phyllastrephus flavostriatus</i>									
Spotted Ground Thrush	-	-	-	X	X	X	X	-	-
<i>Geokichla guttata</i>									
Vincent's Bunting	X	X	X	-	X	-	-	-	-
<i>Emberiza (capensis) vincenti</i>									
Selected Eastern Species									
Green Barbet	-	-	-	X	-	X	X	-	-
<i>Cryptolybia olivacea</i>									
Eastern Green Tinkerbird	X	X	-	X	-	-	-	? ¹	-

<i>Pogoniulus simplex</i>									
Green-headed Oriole									
<i>Oriolus chlorocephalus</i>	-	-	-	-	-	X	X	X	X
White-winged Apalis									
<i>Apalis chariessa</i>	-	-	-	X	X	X	-	X	-
East Coast Akalat									
<i>Sheppardia gunningi</i>	-	-	X	-	-	-	X	-	? ²

¹ A *Virdibucco* sp. was recorded at Chipirone by Benson (1950). This was the former name for *Pogoniulus* sp. and could refer to either Moustached or Eastern Green Tinkerbirds (*P. leucomystax* or *P. simplex*).

² Unofficial Gorongosa checklist lists this species but not in any published reference