

SPECIES SEEN on Northern TANZANIA & Amboseli TOURS 2008-2015

Since the tours have started in Nairobi, I have separated the species that were seen in Amboseli N, Kenya (2 days) from those seen in N. Tanzania (13 days)

Amboseli NP = is visited in conjunction with Northern Tanzania at the beginning of the tour
Tanzania = this is what is known as the Northern Circuit or Northern Tanzania - consisting of Arusha NP (* not in 2015), Tarangire NP, Lake Manyara NP, Ngorongoro Crater, Serengeti GR

Column A = Number of Trips that the Species has been Seen out of 5
Column B = Highest Number of that Species Seen in one day during Feb 2015
Column C = The Number of Days that that Species was Seen out of 15 during Feb 2015



			Tanzania	Kenya	Tanzania	Kenya	Tanzania	Kenya	Tanzania	Kenya	Tanzania	Kenya	
			*	Amboseli		Amboseli		Amboseli		Amboseli		Amboseli	
			Feb 2015		Feb/Mar 2014		Feb 2010		Mar 2009		Feb 2008		
BIRDS													
Trips	High	Days	Ostrich : <i>Struthionidae</i> ENDEMIC										
5	25	12	Common Ostrich		<i>Struthio camelus</i>		X	X	X	X	X	X	X
			Grebes : <i>Podicipedidae</i>										
5	3	1	Little Grebe		<i>Tachybaptus ruficollis</i>			X	X	X	X	X	
1	20	1	Black-necked (Eared) Grebe		<i>Podiceps nigricollis</i>		X						
			Cormorants & Darters: <i>Phalacrocoracidae</i>										
3	6	1	Great Cormorant		<i>Phalacrocorax carbo</i>		X			X		X	
5	3	2	Reed (Long-tailed) Cormorant		<i>Phalacrocorax africanus</i>		X	X	X	X	X		X
2			African Darter		<i>Anhinga rufa</i>				X				X
			Pelicans: <i>Pelecanidae</i>										
5	300	4	Great White Pelican		<i>Pelecanus onocrotalus</i>		X	X	X	X	X	X	
4			Pink-backed Pelican		<i>Pelecanus rufescens</i>				X		X		X
			Hérons, Egrets & Bitterns : <i>Ardeides</i>										
4	7	2	Black-crowned Night Heron		<i>Nycticorax nycticorax</i>			X		X	X	X	
5	20	6	Squacco Heron		<i>Ardeola ralloides</i>		X	X	X	X	X	X	X
5	200	11	Cattle Egret		<i>Bubulcus ibis</i>		X	X	X	X	X	X	X
3	1	1	Green-backed (Striated) Heron		<i>Butorides striatus</i>		X		X				X
2			Black (Egret) Heron		<i>Egretta ardesiaca</i>				X				
4	1	2	Little Egret		<i>Egretta garzetta</i>		X	X	X	X	X		
5	2	2	Intermediate (Yellow-billed) Egret		<i>Egretta intermedia</i>		X	X		X	X		X
5	8	2	(African) Great (White) Egret		<i>Egretta alba</i>			X	X	X	X		X
5	3	4	Purple Heron		<i>Ardea purpurea</i>		X	X	X		X	X	
5	3	2	Grey Heron		<i>Ardea cinerea</i>			X	X	X	X	X	X
5	15	8	Black-headed Heron		<i>Ardea melanocephala</i>		X	X	X	X	X	X	X
5	2	1	Goliath Heron		<i>Ardea goliath</i>			X		X	X	X	X
			Hamerkop : <i>Scopidae</i> ENDEMIC										
5	2	6	Hamerkop		<i>Scopus umbretta</i>		X	X	X		X		X

Storks : Ciconiidae																				
5	150	1	Yellow-billed Stork	<i>Mycteria ibis</i>	X		X		X	X										
3	2	1	African Openbill Stork	<i>Anastomus lamelligerus</i>	X		X		X											
2	1	1	Black Stork	<i>Ciconia nigra</i>	X				X											
5	300	7	Abdim's Stork	<i>Ciconia abdimii</i>	X		X		X			X								X
1			Woolly-necked Stork	<i>Ciconia episcopus</i>					X											
5	12	5	European White Stork	<i>Ciconia ciconia</i>	X	X	X		X	X	X									X
5	2	2	Saddle-billed Stork	<i>Ephippiorhynchus</i>		X	X	X	X			X	X	X						X
5	18	12	Marabou Stork	<i>Leptoptilos crumeniferus</i>	X	X	X	X	X	X	X	X	X	X	X					X
Ibises & Spoonbills : Threskiornithidae																				
5	20	4	Glossy Ibis	<i>Plegadis falcinellus</i>	X	X	X	X	X	X	X	X	X							X
5	4	2	Hadada Ibis	<i>Bostrychia hagedash</i>		X	X	X	X	X	X	X	X	X	X					X
5	200	5	Sacred Ibis	<i>Threskiornis aethiopicus</i>	X	X	X	X	X	X	X	X	X	X	X					X
5	8	3	African Spoonbill	<i>Platalea alba</i>	X	X		X	X	X	X	X	X	X	X					X
Flamingoes : Phonicopteridae																				
5	200	2	Greater Flamingo	<i>Phoenicopterus roseus</i>	X		X		X			X								X
5	20	2	Lesser Flamingo	<i>Phoeniconaias minor</i>	X		X	X	X	X	X									X
Ducks & Geese : Anatidae																				
2			Fulvous-Whistling Duck	<i>Dendrocygna bicolor</i>							X									X
5	2	1	White-faced Whistling Duck	<i>Dendrocygna viduata</i>		X		X	X	X	X	X	X	X	X					X
2			White-backed Duck	<i>Thalassomis leuconotus</i>			X		X											
5	50	14	Egyptian Goose	<i>Alopochen aegyptiacus</i>	X	X	X	X	X	X	X	X	X	X	X					X
5	4	3	Spur-winged Goose	<i>Plectropterus gambensis</i>	X	X	X		X	X	X	X	X	X	X					X
4	4	3	Comb (Knob-billed) Duck	<i>Sarkidiornis melanotos</i>	X				X			X								X
5	200	4	Cape Teal	<i>Anas capensis</i>	X		X		X	X	X									X
2			Yellow-billed Duck	<i>Anas undulata</i>					X											X
1			Northern Pintail	<i>Anas acuta</i>					X	X										
5	30	3	Red-billed Teal	<i>Anas erythrorhyncha</i>	X		X		X	X	X	X	X	X						X
4	35	3	Hottentot Teal	<i>Anas hottentota</i>	X				X	X	X	X								X
4	25	1	Northern Shoveler	<i>Anas clypeata</i>	X				X			X								X
3			Southern Pochard	<i>Netta erythrophthalma</i>			X		X			X								
2			Maccoa Duck	<i>Oxyura maccoa</i>			X					X								
Vultures, Eagles, Hawks, Kites, Buzzards & Osprey : Acciptridae																				
1			Osprey	<i>Pandion haliaetus</i>						X										
1			African Cuckoo Hawk	<i>Aviceda cuculoides</i>																X
5	1	6	Black-shouldered Kite	<i>Elanus caeruleus</i>	X	X	X	X	X			X								X
5	10	3	Black Kite	<i>Milvus migrans</i>	X	X	X	X	X	X	X	X								X
5	12	4	Yellow-billed Kite	<i>Milvus aegyptis</i>	X		X		X			X	X	X						X
5	3	7	African Fish Eagle	<i>Haliaeetus vocifer</i>	X	X	X	X	X	X	X	X	X	X	X					X
3			Palm-nut Vulture	<i>Gypohierax angolensis</i>			X		X											X
1			Egyptian Vulture	<i>Neophron percnopterus</i>			X													
5	6	3	Hooded Vulture	<i>Necrosyrtes monachus</i>	X		X		X			X								X
5	20	12	(African) White-backed Vulture	<i>Gyps africanus</i>	X	X	X	X	X	X	X	X	X	X						X
5	20	5	Rüppell's (Griffon) Vulture	<i>Gyps rueppellii</i>	X	X	X		X	X	X									X
5	8	8	Lappet-faced Vulture	<i>Torgos tracheliotus</i>	X	X	X		X			X	X	X						X
4	5	5	White-headed Vulture	<i>Trigonoceps occipitalis</i>	X				X			X								X
1			Short-toed Snake-Eagle	<i>Circaetus gallicus</i>				X												

5	1	2	Black-chested Snake-Eagle	<i>Circaetus pectoralis</i>	X	X	X	X	X	X	X		X	X
5	1	5	Brown Snake-Eagle	<i>Circaetus cinereus</i>	X		X	X	X		X		X	X
5	3	8	Bateleur	<i>Terathopius ecaudatus</i>	X	X	X		X	X	X	X	X	
3			African Harrier-Hawk	<i>Polyboroides typus</i>				X	X	X			X	
5	4	8	Pallid Harrier	<i>Circus macrourus</i>	X	X	X	X	X	X	X	X	X	
5	2	3	Montagu's Harrier	<i>Circus pygargus</i>	X	X	X	X	X	X	X	X	X	X
3	2	2	African Marsh Harrier	<i>Circus ranivorus</i>	X	X		X	X	X	X	X		
5	2	3	Western (Eurasian) Marsh Harrier	<i>Circus aeruginus</i>	X	X	X	X	X	X	X	X	X	X
5	1	1	Gabar Goshawk	<i>Micronisus gabar</i>	X	X	X	X	X		X		X	X
5	1	2	Dark Chanting Goshawk	<i>Melierax metabates</i>	X		X		X		X		X	
5	3	6	Eastern (Pale) Chanting Goshawk	<i>Melierax poliopterus</i>	X	X	X	X	X	X	X	X	X	X
1	1	1	Shikra	<i>Accipiter badius</i>	X									
3			(Great) Black Sparrowhawk (Goshawk)	<i>Accipiter melanoleucus</i>			X				X		X	
5	1	2	Steppe (Common) Buzzard	<i>Buteo vulpinus</i>	X		X		X	X	X		X	
3			Mountain Buzzard	<i>Buteo oreophilus</i>			X		X				X	
5	3	8	Augur Buzzard	<i>Buteo augur</i>	X		X		X		X	X	X	
1			Lesser Spotted Eagle	<i>Aquila pomarina</i>					X					
5	10	15	Tawny Eagle	<i>Aquila rapax</i>	X	X	X	X	X	X	X	X	X	X
4	3	1	Steppe Eagle	<i>Aquila nipalensis</i>	X		X	X	X		X			
1	1	1	Verreaux's Eagle	<i>Aquila verreauxii</i>	X									
4	1	1	Wahlberg's Eagle	<i>Aquila wahlbergi</i>	X		X		X		X			
2			African Hawk-Eagle	<i>Hieraaetus spilogaster</i>				X		X				
1	1	1	Booted Eagle	<i>Hieraaetus pennatus</i>	X									
5	1	1	Long-crested Eagle	<i>Lophaetus occipitalis</i>	X		X	X	X		X		X	
1			African Crowned Eagle	<i>Stephanoaetus coronatus</i>						X				
5	1	1	Martial Eagle	<i>Polemaetus bellicosus</i>		X	X		X	X	X		X	
Secretary Bird : Sagittariidae ENDEMIC														
5	4	5	Secretary Bird	<i>Sagittarius serpentarius</i>	X	X	X	X	X		X	X	X	
Falcons : Falconidae														
5	3	5	Pygmy Falcon	<i>Polihierax semitorquatus</i>	X	X	X	X	X	X	X	X	X	X
5	20	7	Lesser Kestrel	<i>Falco naumanni</i>	X		X		X	X	X	X	X	
5	6	5	Common (Eurasian) Kestrel	<i>Falco tinnunculus</i>	X	X	X	X	X	X	X		X	X
3	10	3	Greater Kestrel	<i>Falco rupicoloides</i>	X		X				X			
4	1	1	Grey Kestrel	<i>Falco ardosiaceus</i>	X		X		X		X			
2	1	1	Red-necked Falcon	<i>Falco chicquera</i>		X	X							
2			Amur Falcon	<i>Falco amurensis</i>				X	?	?				
3			Eleonora's Falcon	<i>Falco eleonorae</i>			X		?		X			
2			Sooty Falcon	<i>Falco concolor</i>				X	?					
3			Eurasian Hobby	<i>Falco subbuteo</i>				X	X				X	
1			African Hobby	<i>Falco cuvierii</i>					X					
5	1	3	Lanner Falcon	<i>Falco biarmicus</i>	X			X	X		X		X	
5	1	1	Peregrine Falcon	<i>Falco peregrinus</i>		X		X	X		X	X	X	
Guineafowl: Numididae ENDEMIC														
1			Kenya Crested Guineafowl	<i>Guttera pucherani</i>							X			
5	40	13	Helmeted Guineafowl	<i>Numida meleagris reichenowi</i>	X	X	X	X	X	X	X	X	X	X
Quail & Francolins : Phasianidae														
1			Common Quail	<i>Coturnix coturnix</i>			X							

1	1	1	Harlequin Quail	<i>Coturnix delegorguei</i>	X														
5	10	2	Coqui Francolin	<i>Francolinus coqui</i>	X			X		X					X				
5	4	4	Crested Francolin	<i>Francolinus sephaena</i>	X			X		X					X				
5	1	1	Scaly Francolin	<i>Francolinus squamatus</i>	X			X		X					X				
3	4	1	Hildebrandt's Francolin	<i>Francolinus hildebrandti</i>	X					h				X					
5	4	3	Red-necked Spurfowl (Francolin)	<i>Francolinus afer</i>	X			X		X				X					X
5	10	3	GREY-BREASTED SPURFOWL (T Endemic)	<i>Francolinus rufopictus</i>	X			X		X				X					X
5	18	6	Yellow-necked Spurfowl (Francolin)	<i>Francolinus leucoscepus</i>	X		X	X		X		X	X	X		X	X	X	X
			Rails, Coots & Gallinule : Rallidae																
4	5	4	Black Crake	<i>Amaurornis flavirostris</i>	X		X	X		X	X							X	X
3	2	1	Common Moorhen	<i>Gallinula chloropus</i>	X			X						X					
5	1	1	Red-knobbed Coot	<i>Fulica cristata</i>	X			X		X	X			X				X	X
			Cranes : Gruidae																
5	20	7	Grey Crowned Crane	<i>Balearica regulorum</i>	X		X	X		X	X		X	X	X		X	X	X
			Bustards : Otididae																
5	25	6	Kori Bustard	<i>Ardeotis kori</i>	X			X		X				X				X	
2			Buff-crested Bustard	<i>Eupodotis ruficrista</i>						X								X	X
5	6	2	White-bellied Bustard	<i>Eupodotis senegalensis</i>	X		X	X		X		X	X	X	X		X	X	X
5	2	2	Black-bellied Bustard	<i>Lissotis melanogaster</i>	X			X		X				X	X		X	X	X
2			Hartlaub's Bustard	<i>Lissotis hartlaubii</i>						X				X	X				
			Jacanas : Jacanidae																
5	80	4	African Jacana	<i>Actophilornis africanus</i>	X		X	X		X	X		X	X	X		X	X	X
			Avocets & Stilts : Recurvirostridae																
5	30	7	Black-winged Stilt	<i>Himantopus himantopus</i>	X		X	X		X	X		X	X	X		X		
5	50	3	Pied Avocet	<i>Recurvirostra avosetta</i>	X			X		X	X			X				X	
			Thick-knees : Birhinidae																
5	1	1	Water Thick-knee	<i>Burhinus vermiculatus</i>	X			X		X				X				X	X
4	3	2	Spotted Thick-knee	<i>Burhinus capensis</i>	X					X	X			X	X				
			Courasers & Pratincoles : Giareolidae																
4			Temminck's Courser	<i>Cursorius temminckii</i>				X		X				X				X	
5	6	10	Double-banded Courser	<i>Rhinoptilus africanus</i>	X		X	X		X	X		X	X	X		X	X	X
2			Three-banded (Hueglin's) Courser	<i>Rhinoptilus cinctus</i>						X	X			X					
3			Bronze-winged (Violet-tipped) Courser	<i>Rhinoptilus chalcopterus</i>				X						h				X	
3	80	3	Collared Pratincole	<i>Glareola pratincola</i>	X		X			X	X								
			Plovers : Charadriidae																
4	2	1	Common Ringed Plover	<i>Charadrius hiaticula</i>	X					X				X				X	
5	10	3	Kittlitz's Plover	<i>Charadrius pecuarius</i>	X		X	X		X	X		X	X	X		X	X	X
5	3	9	Three-banded Plover	<i>Charadrius tricollaris</i>	X		X	X		X	X		X	X	X		X	X	X
1			Chestnut-banded Plover	<i>Charadrius pallidus</i>				X											
2	3	1	Caspian Plover	<i>Charadrius asiaticus</i>	X									X					
1			African Wattled Lapwing	<i>Vanellus senegallus</i>				X											
5	150	14	Blacksmith Lapwing (Plover)	<i>Vanellus armatus</i>	X		X	X		X	X		X	X	X		X	X	X
5	2	1	Spur-winged Lapwing (Plover)	<i>Vanellus spinosus</i>	X			X		X	X		X					X	
3			Senegal Lapwing	<i>Vanellus lugubris</i>						X				X				X	
3	200	4	Black-winged Lapwing	<i>Vanellus melanopterus</i>	X									X				X	
5	100	15	Crowned Lapwing	<i>Vanellus coronatus</i>	X		X	X		X	X		X	X	X		X	X	X
5	50	5	Long-toed Lapwing	<i>Vanellus crassirostris</i>	X		X	X		X	X		X	X	X		X	X	X

			Sandpipers, Phalaropes & Snipes : Scolopacidae											
5	100	4	Little Stint	<i>Calidris minuta</i>	X	X	X		X	X	X	X	X	
2	1	1	Temminck's Stint	<i>Calidris temminckii</i>	X								X	
3			Curlew Sandpiper	<i>Calidris ferruginea</i>			X				X		X	
1			Dunlin	<i>Calidris alpina</i>							X			
5	100	5	Ruff	<i>Philomachus pugnax</i>	X	X	X	X	X	X	X		X	
1			Jack Snipe	<i>Lymnocyptes minimus</i>							X			
5	1	1	Common Snipe	<i>Gallinago gallinago</i>	X		X	X		X	X	X	X	X
3			Black-tailed Godwit	<i>Limosa limosa</i>					X	X			X	
1			Spotted Redshank	<i>Tringa erythropus</i>				X						
5	2	2	Marsh Sandpiper	<i>Tringa stagnatilis</i>	X		X	X	X	X	X	X	X	
5	40	7	Common Greenshank	<i>Tringa nebularia</i>	X	X	X	X	X	X	X	X	X	X
5	1	1	Green Sandpiper	<i>Tringa ochropus</i>	X		X	X	X	X			X	
5	20	11	Wood Sandpiper	<i>Tringa glareola</i>	X	X	X	X	X	X	X	X	X	X
5	1	4	Common Sandpiper	<i>Actitis hypoleucos</i>	X		X	X		X			X	
			Gulls & Terns : Laridae											
4	1	1	Grey-headed Gull	<i>Larus cirrocephalus</i>	X		X	X		X				
5	60	3	Gull-billed Tern	<i>Sterna nilotica</i>	X		X	X	X	X			X	X
4	13	2	Whiskered Tern	<i>Chlidonias hybridus</i>	X	X	X	X	X				X	
3	3	1	White-winged Tern	<i>Chlidonias leucopterus</i>		X	X		X	X				
			Sandgrouse : Pteroclididae											
5	3	1	Chestnut-bellied Sandgrouse	<i>Pterocles exustus</i>		X	X	X	X	X	X		X	
5	16	7	Black-faced Sandgrouse	<i>Pterocles decoratus</i>	X		X	X		X	X		X	
5	500	4	Yellow-throated Sandgrouse	<i>Pterocles gutturalis</i>	X		X	X		X			X	
			Pigeons & Dove : Columbidae											
3			African Green Pigeon	<i>Treron calva</i>			X	X	X	X				
2			Tambourine Dove	<i>Turtur tympanistra</i>			X	X						
5	5	7	Emerald-spotted Wood-Dove	<i>Turtur chalcospilos</i>	X		X	X		X	X	X	X	X
5	4	5	Namaqua Dove	<i>Oena capensis</i>	X		X	X	X	X			X	X
5	2	1	African Olive (Rameron) Pigeon	<i>Columba arquatrix</i>	X		X	X		X			X	
5	15	7	Speckled Pigeon	<i>Columba guinea</i>	X	X	X	X	X	X	X	X	X	X
5	12	3	Rock Pigeon	<i>Columba livia</i>	X	X	X	X	X		X	X	X	X
5	4	4	Red-eyed Dove	<i>Streptopelia semitorquata</i>	X		X	X	X	X	X	X	X	X
5	35	8	African Mourning Dove (Mourning Collared-Dove)	<i>Streptopelia decipiens</i>	X	X	X	X	X	X			X	
5	50	15	Ring-necked Dove	<i>Streptopelia capicola</i>	X	X	X	X	X	X	X	X	X	X
1			Eurasian Turtle Dove	<i>Streptopelia turtur</i>						X				
5	6	3	Dusky Turtle-Dove	<i>Streptopelia lugens</i>	X		X	X		X			X	
5	25	4	Laughing Dove	<i>Streptopelia senegalensis</i>	X	X	X	X	X	X			X	X
			Parrots & Lovebirds : Psittacidae											
5	10	7	Meyer's (Brown) Parrot	<i>Poicephalus meyeri</i>	X		X	X	X	X			X	X
5	10	4	Red-bellied (African Orange-bellied) Parrot	<i>Poicephalus rufiventris</i>	X		X	X		X			X	
5	30	4	YELLOW-COLLARED LOVEBIRD (Tz. Endemic)	<i>Agapornis personatus</i>	X		X	X		X			X	
5	30	5	Fischer's Lovebird	<i>Agapornis fischeri</i>	X		X	X		X			X	
			Turacos : Musophagidae											
5	1	3	Schalow's Turaco	<i>Tauraco schalowi</i>	X		h	X		X			X	
2			Hartlaub's Turaco	<i>Tauraco hartlaubi</i>			X	X						
5	15	6	Bare-faced Go-away-bird	<i>Corythaixoides personatus</i>	X		X	X		X			X	

5	20	5	White-bellied Go-away-bird	<i>Corythaixoides leucogaster</i>	X		X	X	X	X	X	X	X	X
1	1	1	Eastern (Grey) Plantain-eater	<i>Crinifer zonurus</i>	X									
Cuckoos & Coucals : Cuculidae														
5	1	2	Jacobin (Pied) Cuckoo	<i>Clamator jacobinus</i>	X		X		X		X		X	
5	1	1	Great spotted Cuckoo	<i>Clamator glandarius</i>	X		X		X		X		X	
5	2	8	Red-chested Cuckoo	<i>Cuculus solitarius</i>	X		X	h	X		X		X	
1			Black Cuckoo	<i>Cuculus clamosus</i>			X							
1			Common (Eurasian) Cuckoo	<i>Cuculus canorus</i>									X	
5	5	5	African Cuckoo	<i>Cuculus gularis</i>	X	X	X	X	X		X		X	
1			African Emerald Cuckoo	<i>Chrysococcyx cupreus</i>									X	
2			Klaas's Cuckoo	<i>Chrysococcyx klaas</i>			X		X					
5	3	9	Diederik Cuckoo	<i>Chrysococcyx caprius</i>	X		X		X	X	X		X	X
5	3	8	White-browed Coucal	<i>Centropus superciliosus</i>	X		X	X	X	X	X	X	X	X
4			Black Coucal	<i>Centropus grillii</i>			X		X		X		X	
Typical Owls : Strigidae														
5	1	4	African Scops Owl	<i>Otus senegalensis</i>	X		h		X		X		h	
1			Southern White-faced Owl	<i>Ptilopsis granti</i>									h	
3	2	1	Spotted Eagle-Owl	<i>Bubo africanus</i>	X				X		X			
5	1	2	Verreaux's Eagle-Owl	<i>Bubo lacteus</i>	X		X	X	X	h	X	h	X	
5	1	7	Pearl-spotted Owlet	<i>Glaucidium perlatum</i>	X		X		X		h		X	
1			African Wood Owl	<i>Strix woodfordii</i>							X			
Nightjars : Caprimulgidae														
2			Swamp Nightjar	<i>Caprimulgus natalensis</i>					?				X	
3	4	1	Slender-tailed Nightjar	<i>Caprimulgus clarus</i>	X				X	X	X			
3			Gabon (Square-tailed) Nightjar	<i>Caprimulgus fossii</i>			X				X	X	X	
1			Plain Nightjar	<i>Caprimulgus inornatus</i>					X					
2			Sombre (Dusky) Nightjar	<i>Caprimulgus fraenatus</i>							X			X
2			European Nightjar	<i>Caprimulgus europaeus</i>							X		h	
Swifts : Apodidae														
4	12	3	Mottled Spinetail	<i>Telacanthura ussheri</i>	X		X		X		X		X	
4	40	5	African Palm-Swift	<i>Cypsiurus parvus</i>	X		X		X	X	X		X	
1	3	3	African Black Swift	<i>Apus barbatus</i>	X	X								
5	2	3	Nyanza Swift	<i>Apus niansae</i>	X				X	X	X		X	
1			Common Swift	<i>Apus apus</i>							X			
4	10	4	White-rumped Swift	<i>Apus caffer</i>	X	X	X	X	X		X			
5	60	9	Little Swift	<i>Apus affinis</i>	X	X	X	X	X	X	X		X	
4	2	2	Mottled Swift	<i>Tachymarptis aequatoriallis</i>	X				X		X	X	X	
2			Alpine Swift	<i>Tachymarptis melba</i>					X				X	
Mousebirds : Coliidae ENDEMIC														
5	8	2	Blue-naped Mousebird	<i>Urocolius macrourus</i>	X		X	X	X	h	X	X	X	
5	30	9	Speckled Mousebird	<i>Colius striatus</i>	X		X	X	X	X	X	X	X	X
2			White-headed Mousebird	<i>Colius leucocephalus</i>				X			X			
Trogon : Trogonidae														
2			Narina Trogon	<i>Apaloderma narina</i>					X				X	
Kingfishers : Alcedinidae														
3			Brown-hooded Kingfisher	<i>Halycon albiventris</i>			X		X	X			X	
5	3	6	Grey-headed Kingfisher	<i>Halcyon leucocephala</i>	X	X	X	X	X	X	X	X	X	X

5	4	5	Woodland Kingfisher	<i>Halcyon senegalensis</i>	X		X		X		X		X	
4			Striped Kingfisher	<i>Halcyon chelicuti</i>			X		X		X		X	
2			African Pygmy Kingfisher	<i>Ispidina picta</i>			X		X					
5	2	3	Malachite Kingfisher	<i>Alcedo cristata</i>	X	X		X	X		X	X		X
1			Giant Kingfisher	<i>Megaceryle maxima</i>					h					
5	3	3	Pied Kingfisher	<i>Ceryle rudis</i>	X	X	X		X		X	X		X
Bee-eaters : Meropidae														
5	8	11	Little Bee-eater	<i>Merops pusillus</i>	X	X	X	X	X		X	X	X	X
5	10	3	Cinnamon-chested Bee-eater	<i>Merops oreobates</i>	X		X	X	X		X		X	
3			White-fronted Bee-eater	<i>Merops bullockoides</i>			X	X			X	X		
1			White-throated Bee-eater	<i>Merops albicollis</i>			X							
3			Blue-cheeked Bee-eater	<i>Merops persicus</i>			X	X	X			X		
5	25	3	European Bee-eater	<i>Merops apiaster</i>	X	X	X	X	X		X		X	
Rollers : Coraciidae														
4	1	1	Rufous-crowned Roller	<i>Coracias naevia</i>			X	X	X		X			
5	30	12	European Roller	<i>Coracias abyssinicus</i>	X	X	X	X	X	X	X	X	X	
5	30	10	Lilac-breasted Roller	<i>Coracias caudata</i>	X	X	X	X	X	X	X	X	X	X
1	3	1	Broad-billed Roller	<i>Eurystomus glaucurus</i>	X									
Wood-hoopoes & Scimitarbirds : Phoenicidae ENDEMIC														
5	5	4	Green Wood-hoopoe	<i>Phoeniculus purpureus</i>	X		X		X		X		X	
2			Common Scimitarbill	<i>Rhinopomastus cyanomelas</i>			X		X					
4			Abyssinian Scimitarbill	<i>Rhinopomastus minor</i>			X		X		X		X	
Hoopoe : Upupidae														
5	1	3	African Hoopoe	<i>Upupa africana</i>	X		X	X	X	X	X	X	X	
Ground Hornbills ENDEMIC & Hornbills : Bucerotidae														
5	8	1	Southern Ground Hornbill	<i>Bucorvus leadbeateri</i>	X		X		X		X		X	
5	6	4	Northern Red-billed Hornbill	<i>Tockus erythrorhynchus</i>	X		X		X	X	X		X	
5	4	3	TANZANIAN RED-BILLED HORNBILL (Tanz. End.)	<i>Tockus ruahae</i>	X		X		X		X		X	
1	1	1	Eastern Yellow-billed Hornbill	<i>Tockus flavirostris</i>			X							
5	10	8	Von der Decken's Hornbill	<i>Tockus deckeni</i>	X		X	X	X		X	X	X	X
5	6	1	Crowned Hornbill	<i>Tockus alboterminatus</i>	X		X		X		X		X	
5	5	8	African Grey Hornbill	<i>Tockus nasutus</i>	X		X		X		X		X	
1			Trumpeter Hornbill	<i>Bycanistes brevis</i>			X							
5	5	1	Silvery-cheeked Hornbill	<i>Bycanistes brevis</i>	X		X		X		X		X	
Barbets ENDEMIC & Tinkerbirds : Capitonidae														
4			White-eared Barbet	<i>Stactolaema leucotis</i>			X		X		h		X	
5	2	4	Red-fronted Tinkerbird	<i>Pogoniulus pusillus</i>	X		X		X		X		X	
3	3	3	Red-fronted Barbet	<i>Tricholaema diademata</i>	X		X		X					
4	3	2	Spot-flanked Barbet	<i>Tricholaema lacrymosa</i>	X		X		X		X			
2			Black-throated Barbet	<i>Tricholaema melanocephala</i>				X	X					
4	2	1	White-headed Barbet	<i>Lybius leucocephalus</i>	X				X		X		X	
3			Brown-breasted Barbet	<i>Lybius melanopterus</i>					X		X		X	
5	3	6	Red-and-yellow Barbet	<i>Trachyphonus erythrocephalus</i>	X		X		X		X		X	X
4	2	3	D'Arnaud's Barbet	<i>Trachyphonus darnaudii</i>	X		X	X	X	X				
5	8	4	Usambiro Barbet	<i>Trachylaemus usambiro</i>	X		X		X		X		X	
Honeyguides : Indicatoridae														
1			Brown-backed (Wahlberg's) Honeybird	<i>Prodotiscus regulus</i>					X					

1		Scaly-throated Honeyguide	<i>Indicator variegatus</i>			X				
1		Greater Honeyguide	<i>Indicator indicator</i>						X	
1		Lesser Honeyguide	<i>Indicator minor</i>					X		
Wrynecks & Woodpeckers : Picidae										
5	1	3	Nubian Woodpecker	<i>Campethera nubica</i>	X		X	X	X	X
5	1	1	Cardinal Woodpecker	<i>Dendropicos fuscescens</i>	X		X	X	X	X
2			Bearded Woodpecker	<i>Dendropicos namaquus</i>				X		
2			Grey Woodpecker	<i>Dendropicos goertae</i>					X	X
4	2	4	Grey-headed Woodpecker	<i>Dendropicos spodocephalus</i>	X		X	X	X	X
Larks : Alaudidae										
3	2	1	Singing Bush Lark	<i>Mirafra cantillans</i>	X		X	X		
2			White-tailed Lark	<i>Mirafra albicauda</i>			X	X		
5	20	7	Rufous-naped Lark	<i>Mirafra africana</i>	X		X		X	X
1			Red-winged Lark	<i>Mirafra hypermetra</i>						X
5	2	1	Flappet Lark	<i>Mirafra rufocinnamomea</i>	X		X	X		X
4	6	2	Fawn-colored (White-browed) Lark	<i>Mirafra alopec intercedenens</i>	X		X	X		
2	4	1	BEESLEY'S LARK (Tz Endemic)	<i>Chersomanes beesleyi</i>	X			X		
2			Pink-breasted Lark	<i>Mirafra poecilosterna</i>				X	X	
5	30	7	Red-capped Lark	<i>Calandrella cinerea</i>	X	X	X	X	X	X
4			Athi Short-toed Lark	<i>Calandrella athensis</i>			X	X		X
2	3	1	Short-tailed Lark	<i>Pseudalaemon fremantii</i>	X			X		
5	50	11	Fischer's Sparrow-Lark	<i>Eremopterix leucopareia</i>	X	X	X	X	X	X
Swallows & Martins : Hirundinidae										
4	10	3	Black Saw-wing (Roughwing)	<i>Psalidoprocne pristoptera</i>	X		X		X	
1			White-headed Saw-wing	<i>Psalidoprocne albiceps</i>				X		
4			Plain Martin	<i>Riparia paludicola</i>			X	X	X	X
1			Common Sand Martin (Bank Swallow)	<i>Riparia riparia</i>						X
5	4	3	Banded Martin	<i>Riparia cincta</i>	X		X	X	X	X
4	8	3	Mosque Swallow	<i>Cercropis senegalensis</i>	X	X		X		X
5	12	5	Lesser Striped Swallow	<i>Cercropis abyssinica</i>	X	X	X	X	X	X
5	10	10	Red-rumped Swallow	<i>Cercropis daurica</i>	X		X	X	X	X
5	4	5	Rock Martin	<i>Ptyonoprogne fuligula</i>	X		X		X	X
5	3	5	Wire-tailed Swallow	<i>Hirundo smithii</i>	X	X	X	X	X	X
5	30	15	Barn Swallow	<i>Hirundo rustica</i>	X	X	X	X	X	X
3			Common House Martin	<i>Delichon urbicum</i>				X		X
Wagtails, Pipits & Longclaws : Motacillidae										
5	10	3	(Western) Yellow Wagtail	<i>Motacilla flava</i>	X		X	X	X	X
1			Grey Wagtail	<i>Motacilla cinerea</i>			X			
4	2	1	Mountain Wagtail	<i>Motacilla clara</i>	X			X		X
5	6	6	African Pied Wagtail	<i>Motacilla aguimp</i>	X	X	X	X	X	X
5	4	8	(Grassland) African Pipit	<i>Anthus cinnamomeus</i>	X	X	X	X	X	X
3			Long-billed Pipit	<i>Anthus similis</i>			X	X		X
4			Plain-backed Pipit	<i>Anthus leucophrys</i>			X		X	X
3	1	1	Tree Pipit	<i>Anthus trivialis</i>	X			X		
2			Red-throated Pipit	<i>Anthus cervinus</i>					X	X
3			Yellow-throated Longclaw	<i>Macronyx croceus</i>			X		X	X
5	2	1	Pangani Longclaw	<i>Macronyx aurantiigula</i>		X	X	X	X	X

3	Rosy-breasted Longclaw	<i>Macronyx ameliae</i>			X	X	X	X			
	Cuckoo-shrikes : <i>Camphephagidae</i>										
1	Black Cuckoo-Shrike	<i>Camphephaga flava</i>		X							
1	Purple-throated Cuckoo-Shrike	<i>Camphephaga quisqualis</i>						X			
	Bulbuls, Greenbuls & Nicators : <i>Pyconotidea</i>										
1	Eastern (Black-headed) Mountain Greenbul	<i>Andropadus nigriceps</i>				X					
1	Slender-billed Greenbul	<i>Andropadus gracilirostris</i>				h					
1	Yellow-whiskered Greenbul	<i>Andropadus latirostris</i>				h					
2	(Zanzibar) Sombre Greenbul	<i>Andropadus importunus</i>					X	X			
4	2 1 Yellow-bellied Greenbul	<i>Chlorocichla flaviventris</i>	X	X		X		X			
1	Northern Brownbul	<i>Phyllastrephus strepitans</i>						X			
2	Placid (Cabanis's) Greenbul	<i>Phyllastrephus placidus</i>		X		X?					
5	10 9 Dark-capped (Common) Bulbul	<i>Pycnonotus tricolor</i>	X	X	X	X	X	X	X	X	X
	Thrushes, Chats & relatives : <i>Turdidae</i>										
2	White-starred Robin	<i>Pogonocichla stellata</i>		X				X			
4	Thrush Nightingale	<i>Luscinia luscinia</i>			X	X	X		X		X
2	1 1 Common Nightingale	<i>Luscinia megarhynchos</i>	X					h			
2	White-throated Robin (Irania)	<i>Irania gutturalis</i>						X		X	
5	1 2 Cape Robin-Chat	<i>Cossypha caffra</i>	X	X	X	X		X		X	
5	1 3 Rüppell's Robin-Chat	<i>Cossypha semirufa</i>	X	X		X		X		X	
5	2 4 White-browed Robin-Chat	<i>Cossypha heuglini</i>	X	X		X		X		X	
1	Collared Palm-Thrush	<i>Cichladusa arquata</i>				X					
5	3 4 Spotted (Morning) Palm-Thrush	<i>Cichladusa guttata</i>	X	X		X	X	X		X	
4	1 3 White-browed (Red-backed) Scrub Robin	<i>Cercotrichas leucophrys</i>	X	X	X	X		X			
1	Common Redstart	<i>Phoenicurus phoenicurus</i>				X					
5	3 3 African (Common) Stonechat	<i>Saxicola torquata</i>	X	X		X		X	X	X	
5	2 9 Northern Wheatear	<i>Oenanthe oenanthe</i>	X	X	X	X	X	X	X		X
4	1 2 Pied Wheatear	<i>Oenanthe pleschanka</i>	X	X	X	X		X		X	X
5	2 2 Schalow's (Mourning) Wheatear	<i>Oenanthe lugubris</i>	X	X		X		X		X	
5	6 4 Capped Wheatear	<i>Oenanthe pileata</i>	X	X		X		X	X	X	
5	6 2 Isabelline Wheatear	<i>Oenanthe isabellina</i>		X	X	X	X	X	X	X	X
2	Familiar Chat	<i>Cercomela familiaris</i>				X				X	
5	6 2 Northern Anteater Chat	<i>Myrmecocichla aethiops</i>	X	X		X		X		X	
1	Mocking (White-shouldered) Cliff Chat	<i>Thamnolaea cinnamomeiventris</i>						X			
5	2 3 Rufous-tailed (Common) Rock Thrush	<i>Monticola saxatilis</i>	X	X	X	X		X	X		X
5	1 1 Mountain (Olive) Thrush	<i>Turdus abyssinicus</i>		X	X	X	X		X	X	X
	Old World Warblers : <i>Sylviidea</i>										
1	Little Rush Warbler	<i>Bradypterus baboecala</i>				X					
5	1 3 Cinnamon Bracken Warbler	<i>Bradypterus cinnamomeus</i>	h	h		h		h		X	
2	(African) Moustached Grass Warbler	<i>Melocichla mentalis</i>				X		X			
1	Sedge Warbler	<i>Acrocephalus schoenobaenus</i>				X					
1	4 1 African Reed Warbler	<i>Acrocephalus baeticatus</i>	X								
2	Lesser Swamp Warbler	<i>Acrocephalus gracilirostris</i>		X						X	
1	Dark-capped (African Yellow) Warbler	<i>Chloropeta natalensis massaica</i>			X						
3	Eastern Olivaceous Warbler	<i>Hippolais languida</i>		X				X		X	
5	1 2 Upcher's Warbler	<i>Hippolais languida</i>	X	X	X	X		X		X	X
3	1 1 Icterine Warbler	<i>Hippolais icterina</i>	X			X		X			

5	5	2	Buff-bellied Warbler	<i>Phyllolais pulchella</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
2			Yellow-bellied Eremomela	<i>Eremomela icteropygialis</i>					X	X	X													
5	4	5	Red-faced Crombec	<i>Sylvietta whytii</i>	X		X		X	X	X			X					X		X			
4	1	2	Willow Warbler	<i>Phylloscopus trochilus</i>	X	X	X		X	X	X	X												
2			Brown Woodland Warbler	<i>Phylloscopus umbrovirens</i>			X		X															
1			Garden Warbler	<i>Sylvia borin</i>								X												
2			Blackcap	<i>Sylvia boehmi</i>					X			X												
4			Brown Parisoma (Warbler)	<i>Parisoma lugens</i>			X		X			X							X					
5	1	1	Banded Parisoma (Warbler)	<i>Parisoma boehmi</i>	X		X		X	X	X	X						X		X	X			
3			Red-faced Cisticola	<i>Cisticola erythrops</i>					X			X							h					
2	2	2	Singing Cisticola	<i>Cisticola cantans</i>	X		X																	
3			Trilling Cisticola	<i>Cisticola woosnami</i>			X		X			X												
5	2	2	Hunter's Cisticola	<i>Cisticola hunteri</i>	h		X		X			X							X					
5	20	13	Rattling Cisticola	<i>Cisticola chinianus</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
2			Ashy Cisticola	<i>Cisticola cinereolus</i>				X						X										
2			Lyne's (Wailing) Cisticola	<i>Cisticola lais distinctus</i>				X																
5	4	7	Winding Cisticola	<i>Cisticola galactotes</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
1			Stout Cisticola	<i>Cisticola robustus</i>				X																
2			Croaking Cisticola	<i>Cisticola natalensis</i>				X																
1			Tabora (Long-tailed) Cisticola	<i>Cisticola angusticauda</i>				X																
5	6	13	Zitting Cisticola	<i>Cisticola juncidis</i>	X	X	X	X	X	X	X	X							X					
1			Desert Cisticola	<i>Cisticola aridulus</i>				X																
4	1	2	Pectoral-patch Cisticola	<i>Cisticola brunnescens</i>	X			X	X			X												
3			Tawny-flanked Prinia	<i>Prinia subflava</i>					X	X	X	X							X					
1			Pale Prinia	<i>Prinia somalica</i>								X												
1			Red-fronted Warbler	<i>Urohipis rufifrons</i>					X															
5	6	5	Yellow-breasted Apalis	<i>Apalis flavida</i>	X			X				X							X					
1			Black-headed Apalis	<i>Apalis melanocephala</i>					X															
1			Karamoja Apalis	<i>Apalis karamojae</i>					X															
5	6	11	Grey-backed Camaroptera	<i>Camaroptera brevicaudata</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
1			Grey Wren Warbler	<i>Calamonastes simplex</i>						X														
3			Grey-capped Warbler	<i>Eminia lepida</i>				X			X													
Old World Flycatchers : Musciapidae																								
5	2	4	White-eyed Slaty Flycatcher	<i>Melaenornis fischeri</i>	X			X			X			X	X	X								
1			Northern Black Flycatcher	<i>Melaenornis edoliodes</i>								X												
2			Southern Black Flycatcher	<i>Melaenornis pammelaina</i>				X											X					
3			Pale Flycatcher	<i>Bradornis pallidus</i>					X			X							X					
5	10	11	African Grey (Grayish) Flycatcher	<i>Bradornis microrhynchus</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
5	6	8	Silverbird	<i>Empidonornis semipartitus</i>	X			X			X			X					X					
4			Spotted Flycatcher	<i>Muscicapa striata</i>				X	X		X	X	X	X	X	X	X	X	X	X	X			
2			Ashy Flycatcher	<i>Muscicapa caerulescens</i>					X			X												
4	1	1	African Dusky (Dusky-brown) Flycatcher	<i>Muscicapa adusta</i>	X			X			h									X				
Monarch Flycatchers : Monarchidae																								
4	1	1	White-tailed Blue Flycatcher	<i>Elminia albicauda</i>	X			X			X								X					
5	1	1	African Paradise Flycatcher	<i>Terpsiphone viridis</i>	X			X			X			X					X					
Wattle-eyes & Batises : Platysteridae																								
5	2	5	Chin-spot Batis	<i>Batis molitor</i>	X			X			X			X					X					

1			Pygmy Batis	<i>Batis perkeo</i>				X											
			Illadopses, Babblers & Chatterers : Timaliidae																
5	8	5	Arrow-marked Babbler	<i>Turdoides jardineii</i>	X		X	X		X								X	
5	8	2	Black-lored (Sharpe's) Babbler	<i>Turdoides sharpei</i>	X		X	X		X								X	
5	6	3	Northern Pied Babbler	<i>Turdoides hypoleucus</i>	X	X	X	X	X	X	X	X							
3			Rufous Chatterer	<i>Turdoides rubiginosus</i>			X	X		X	X	X	X					X	
			Tits : Paridae																
4			Red-throated Tit	<i>Parus fringillinus</i>			X	X		X								X	
1			White-bellied Tit	<i>Parus albiventris</i>														X	
			Penduline Tits : Remizidae																
1			Buff-bellied Penduline Tit	<i>Anthoscopus sylviella</i>															X
			Sunbirds : Nectariniidae																
4			Eastern Violet-backed Sunbird	<i>Anthreptes orientalis</i>			X	X	X			X						X	
2			Green-headed Sunbird	<i>Cyanomitra verticalis</i>								X						X	
2			Eastern Olive Sunbird	<i>Cyanomitra olivacea</i>					X									X	
5	1	1	Amethyst (Black) Sunbird	<i>Chalcomitra amethystina</i>	X		X	X	X		X	X						X	
5	2	1	Scarlet-chested Sunbird	<i>Chalcomitra senegalensis</i>	X		X	X	X	X	X							X	
1			Hunter's Sunbird	<i>Chalcomitra hunteri</i>					X										
4	1	1	Golden-winged Sunbird	<i>Drepanorhynchus reichenowi</i>	X				X		X							X	
4	2	1	Tacazze Sunbird	<i>Nectarinia tacazze</i>	X		X	X	X		X								
5	3	1	Bronzy (Bronze) Sunbird	<i>Nectarinia kilimensis</i>	X		X	X	X	X	X	X	X					X	X
4	1	1	(Yellow-tufted) Malachite Sunbird	<i>Nectarinia famosa</i>	X		X	X	X		X								
5	1	1	Collared Sunbird	<i>Anthreptes collaris</i>	X		X	X	X		X							X	
1			Northern Double-collared Sunbird	<i>Cinnyris preussi</i>								X							
4			Eastern Double-collared Sunbird	<i>Cinnyris mediocris</i>			X	X	X		X							X	
5	4	10	Beautiful Sunbird	<i>Cinnyris pulchella</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	1	1	Marico Sunbird	<i>Cinnyris mariquensis</i>	X		X	X	X		X							X	X
1			Black-bellied Sunbird	<i>Cinnyris nectarinioides</i>								X							
1			Purple-banded Sunbird	<i>Cinnyris bifasciata</i>					X										
5	2	4	Variable Sunbird	<i>Cinnyris venusta</i>	X		X	X	X	X	X	X	X	X	X	X	X	X	X
			White-eyes : Zosteropidae																
2	2	1	African Yellow White-eye	<i>Zosterops senegalensis</i>	X						X								
2			Abyssinian White-eye	<i>Zosterops abyssinicus</i>			X		X										
4			Montane White-eye (se. K / n. Tanz)	<i>Zosterops poliogaster mbuluensis</i>			X	X	X		X							X	
1			Broad-ringed (Montane) White-eye (n. T End)	<i>Zosterops poliogaster eurycricotus</i>				X											
			Shrikes : Landiidae																
5	25	6	Northern (Common) Fiscal	<i>Lanius (collaris) humeralis</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4			Southern (Common) Fiscal	<i>Lanius collaris</i>			X	X	X		X							X	
5	10	3	Taita Fiscal	<i>Lanius dorsalis</i>		X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	10	6	Long-tailed Fiscal	<i>Lanius cabanisi</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	18	4	Grey-backed Fiscal	<i>Lanius excubitoroides</i>	X		X	X	X		X							X	
2			Lesser Grey Shrike	<i>Lanius minor</i>								X						X	
5	1	1	Isabelline (Rufous-tailed) Shrike	<i>Lanius isabellinus</i>	X		X	X	X	X	X	X	X	X	X	X	X	X	
4	1	1	Red-backed Shrike	<i>Lanius collurio</i>	X				X		X							X	
5	30	8	Magpie Shrike	<i>Urolestes melanoleuces</i>	X		X	X	X		X							X	
5	16	10	Northern White-crowned (White-rumped) Shrike	<i>Eurocephalus rueppellii</i>	X		X	X	X		X	X	X	X	X	X	X	X	X

Bush-shrikes : Malacondtidae										
1		Grey-headed Bush-shrike	<i>Malacanotus blanchoti</i>		X					
1		Sulphur-breasted Bush-shrike	<i>Telephorus sulphureopectus</i>				h			
5	2	1 Tsavo (Rosy-patched) Bush-Shrike	<i>Rhodophoneus cruentus cathemagmena</i>	X	X	X	X	X		X
5	4	7 Brown-crowned Tchagra	<i>Tchagra australis</i>	X		X	X	X		X
1		Three-streaked Tchagra	<i>Tchagra jamesi</i>							X
4	1	1 Black-crowned Tchagra	<i>Tchagra senegala</i>	h		X		X		
5	1	1 Black-backed Puffback	<i>Dryoscopus cubla</i>	X		X		X		X
1		Northern Puffback	<i>Dryoscopus gambensis</i>				X			
5	10	11 Slate-coloured Boubou	<i>Laniarius funebris</i>	X		X	X	X		X
5	1	3 Tropical Boubou	<i>Laniarius aethiopicus ambiguus</i>	X		X		X		X
5	2	11 Brubru	<i>Nilaus afer</i>	X	X	X	X	X		X
Helmet-shrikes : Prionopidae										
1	4	2 White Helmet-shrike	<i>Prionops poliophilus</i>	X						
1		Grey-crested Helmet-shrike	<i>Prionops poliophilus</i>							X
1		Retz's Helmet-shrike	<i>Prionops retzii</i>				X			
Orioles : Oriolidae										
3		Mountain (Black-tailed) Oriole	<i>Oriolus percivali</i>				h		X	X
4	1	2 Eastern (African) Black-headed Oriole	<i>Oriolus larvatus</i>	X		X	X	X		
1		African Golden-Oriole	<i>Oriolus auratus</i>							X
1		Eurasian Golden-Oriole	<i>Oriolus oriolus</i>				X			
Drongo : Dicruridae										
5	8	12 Fork-tailed (Common) Drongo	<i>Dicrurus adsimilis</i>	X	X	X	X	X		X
Crows & Ravens : Corvidae										
5	8	3 Cape Rook	<i>Corvus capensis</i>	X		X		X		X
5	10	5 Pied Crow	<i>Corvus albus</i>	X	X	X	X	X	X	X
4	2	1 White-necked Raven	<i>Corvus albicollis</i>	X		X				X
Starlings & Oxpeckers : Sturnidae										
2		Kenrick's Starling	<i>Poeoptera kenricki</i>			X				X
1		Waller's Starling	<i>Onychognathus walleri</i>				X			
5	6	10 Red-winged Starling	<i>Onychognathus morio</i>	X	X	X	X	X		X
5	10	8 Rüppell's (Long-tailed) Starling	<i>Lamprotornis purpuropterus</i>	X		X		X		X
5	60	4 ASHY STARLING (Tz Endemic)	<i>Lamprotornis unicolor</i>	X		X		X		X
5	30	7 Hildebrandt's Starling	<i>Lamprotornis hildebrandti</i>	X	X	X		X		X
5	70	15 Superb Starling	<i>Lamprotornis superbus</i>	X	X	X	X	X	X	X
3		Fischer's Starling	<i>Spreo fischeri</i>				X	X		X
3		Violet-backed Starling	<i>Cinnyricinclus leucogaster</i>				X	X		X
5	200	5 Wattled Starling	<i>Creatophora cinera</i>	X		X	X	X	X	X
5	8	3 Yellow-billed Oxpecker	<i>Buphagus africanus</i>	X	X	X	X	X		X
5	10	12 Red-billed Oxpecker	<i>Buphagus erythrorhynchus</i>	X	X	X	X	X	X	X
Sparrows & Petronias : Passeridae										
5	25	4 Northern Grey-headed Sparrow	<i>Passer griseus</i>	X		X		X		X
4	2	2 Parrot-billed Sparrow	<i>Passer gongonensis</i>		X		X		X	
5	30	6 Swahali Sparrow	<i>Passer suahelicus</i>	X		X		X	X	X
5	8	3 Kenya Rufous Sparrow	<i>Passer rufocinctus</i>	X		X	X	X		X
5	30	6 House Sparrow	<i>Passer domesticus</i>	X	X	X	X	X	X	X
5	40	3 Chestnut Sparrow	<i>Passer eminiibey</i>	X		X	X	X		X

2	Yellow-spotted Petronia	<i>Petronia pyrgita</i>			X				X			
	Weavers & relatives : Ploceidae											
5	20 9 Red-billed Buffalo-Weaver	<i>Bubalomis niger</i>	X		X	X	X		X		X	X
5	35 10 White-headed Buffalo-Weaver	<i>Dinemellia dinemelli</i>	X	X	X	X	X	X	X	X	X	X
5	6 3 White-browed Sparrow-Weaver	<i>Plocepasser mahali</i>	X	X	X	X		X	X	X	X	X
5	35 11 RUFOUS-TAILED WEAVER (T Endemic)	<i>Histurgops ruficauda</i>	X		X		X		X		X	
5	12 9 Speckled-fronted Weaver	<i>Sporopipes frontalis</i>	X		X		X	X	X		X	
5	30 3 Grey-headed Social-Weaver	<i>Pseudonigrita arnaudi</i>	X		X		X	X	X	X	X	X
3	Red-headed Weaver	<i>Anaplectes rubriceps</i>					X		X		X	
5	10 6 Baglafaecht Weaver	<i>Ploceus baglafaecht</i>	X	X	X	X	X		X	X	X	
4	Black-necked Weaver	<i>Ploceus nigricollis</i>			X		X		X		X	
3	Spectacled Weaver	<i>Ploceus ocularis</i>			X		X		X	X		
2	Holub's Golden Weaver	<i>Ploceus xanthops</i>					X		X			
5	3 1 Taveta Golden Weaver	<i>Ploceus casteneiceps</i>		X	X		X	X	X	X		X
5	20 7 Lesser Masked Weaver	<i>Ploceus intermedius</i>	X		X		X		X		X	
5	10 4 Vitelline (Southern) Masked Weaver	<i>Ploceus velatus</i>	X		X		X	X	X		X	X
5	12 6 Speke's Weaver	<i>Ploceus spekei</i>	X		X	X	X	X	X		X	
5	8 2 (Village) Black-headed Weaver	<i>Ploceus cucullatus parotus</i>	X		X		X		X		X	
4	6 4 (Jackson's) Golden-backed Weaver	<i>Ploceus jacksoni</i>	X				X			X		X
4	10 2 Chestnut Weaver	<i>Ploceus rubiginosus</i>	X	X		X	X	X	X	X		
5	14 2 Grosbeak (Thick-billed) Weaver	<i>Amblyospiza albifrons</i>	X		X		X	X	X		X	
1	Cardinal Quelea	<i>Quelea cardinalis</i>					X					
5	50 1 Red-billed Quelea	<i>Quelea quelea</i>	X	X	X	X	X	X	X	X	X	X
3	60 2 Southern Red Bishop	<i>Euplectes orix</i>	X				X				X	
1	Black-winged Red Bishop	<i>Euplectes hordeaceus</i>							X			
1	Fire-fronted Bishop	<i>Euplectes diadematus</i>				X						
5	4 2 Black Bishop	<i>Euplectes gierowii</i>	X		X		X		X		X	
2	10 1 Yellow-crowned Bishop	<i>Euplectes afer</i>	X			X						
5	2 2 Yellow Bishop	<i>Euplectes capensis</i>	X		X		X		X		X	
4	1 1 White-winged Widowbird	<i>Euplectes albonotatus</i>	X		X		X		X	X		
5	6 2 Red-naped (Red-collared) Widowbird	<i>Euplectes (ardens) suahelicus</i>	X		X		X		X		X	
5	60 3 Fan-tailed Widowbird	<i>Euplectes axillaris</i>	X		X	X	X	X	X	X	X	X
2	Jackson's Widowbird	<i>Euplectes jacksoni</i>					X				X	
	Waxbills : Estrildae											
1	Grey-headed Negrofinch	<i>Nigrita canicapilla</i>					X					
1	Abyssinian Crimsonwing	<i>Cryptospiza salvadorii</i>					X					
2	Yellow-bellied Waxbill	<i>Estrilda quartinia</i>					X				X	
3	Crimson-rumped Waxbill	<i>Estrilda rhodopyga</i>				X	X	X			X	
3	Common Waxbill	<i>Estrilda astrild</i>			X		X		X			
3	2 2 Black-faced Waxbill	<i>Estrilda erythronotos</i>	X				X				X	
1	Black-cheeked Waxbill	<i>Estrilda charmosyna</i>							X			
5	12 8 Red-cheeked Cordon-bleu	<i>Uraeginthus bengalus</i>	X		X		X		X		X	
5	6 5 Blue-capped Cordon-bleu	<i>Uraeginthus cyanocephalus</i>	X		X		X	X	X		X	
5	2 1 Purple Grenadier	<i>Uraeginthus ianthinogaster</i>	X		X		X		X		X	
5	2 4 Green-winged Pytilia	<i>Pytilia melba</i>	X		X		X	X	X		X	
5	8 5 Red-billed Firefinch	<i>Lagonosticta senegala</i>	X		X	X	X	X	X	X	X	
3	African Firefinch	<i>Lagonosticta rubricata</i>			X		X		X			

4	1	2	Yellow-winged Bat	<i>Lavia frons</i>	X		X		X		X									
4	2	4	Pipistrelle (Banana) Bat	<i>Pipistrelle nanus</i>	X	X	X	X			X			X					X	
4	2	6	<i>medium bat sp. x 2</i>		X		X				X							X		
Insectivores : Insectivora																				
1			White-bellied Hedgehog	<i>Atelerix albiventris</i>							X									
Hares : Lamgomorpha																				
4	1	2	Cape Hare	<i>Lepus capensis</i>		X	X		X		X									
3	4	1	Scrub Hare	<i>Lepus saxatilis</i>	X						X	X	X	X						
Rodents : Rodentia																				
5	2	4	Unstriped Ground Squirrel	<i>Xerus rutilus</i>	X		X	X	X	X	X			X				X	X	
5	10	4	Ochre (Huet's) Bush Squirrel	<i>Paraxerus ochraceus</i>	X		X		X		X			X				X	X	
2	3	1	Spring Hare	<i>Petedes capensis</i>	X		X				X									
4			Crested Porcupine	<i>Hystrix cristata</i>			X		X		X							X		
1			Common Mouse	<i>Mus sp</i>				X												
1			Acacia Rat	<i>Thallomys sp.</i>							X									
3	2	3	Bush Rat	<i>Aethomys sp.</i>	X		X		X											
2			Unstriped Kenyan Grass Rat	<i>Arvicanthis nairobae</i>							X							X		
3			<i>small rat sp.</i>						X		X							X		
Carnivores : Carnivora																				
4	4	1	Golden Jackal	<i>Canis aureus</i>	X		X		X		X			X				X		
4	4	3	Black (Silver)-backed Jackal	<i>Canis mesomelas</i>	X				X		X	X	X					X		
1			Hunting Dog	<i>Lycaon pictus</i>			X													
3	8	3	Bat-eared Fox	<i>Otocyon megalotis</i>	X		X											X		
5	10	3	Banded Mongoose	<i>Mungos mungo</i>	X		X		X		X							X		
4	8	7	Dwarf Mongoose	<i>Helogale parvula</i>	X		X				X							X		
5	1	4	Slender (Black-tipped) Mongoose	<i>Herpestes sanguineus</i>	X	X	X		X		X	X	X					X		
1			Marsh Mongoose	<i>Atilax paludinosus</i>							X									
4	1	1	White-tailed Mongoose	<i>Ichneumia albicauda</i>	X		X		X		X									
5	20	7	Spotted Hyaena	<i>Crocuta crocuta</i>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
1			Striped Hyaena	<i>Hyaena hyaena</i>							d									
4	2	1	Common (Small-spotted) Genet	<i>Genetta genetta</i>	X		X		X									X		
1			Large-spotted (Blotched/Rusty-spotted) Genet	<i>Genetta tigrina</i>									X							
1			African Civet	<i>Civettictis civetta</i>					X											
1			African Palm Civet	<i>Nandinia binotata</i>														X		
4			African Wild Cat	<i>Felis silvestris</i>			X		X		X							X		
5	1	1	Serval	<i>Felis serval</i>		X		X	X		X			X				X	X	
5	2	4	Leopard	<i>Panthera pardus</i>	X		X		X		X			X				X		
5	4	3	Cheetah	<i>Acinonyx jubatus</i>	X		X		X		X			X				X		
5	30	9	Lion	<i>Panthera leo</i>	X		X		X	X	X	X	X	X	X	X	X	X	X	
Elephant-Shrews : Macroselidea																				
1			Four-toed Elephant Shrew	<i>Petrodromus tetradactylus</i>								X								
Hyaxes : Hyracoidea																				
5	30	1	(Black-necked) Rock Hyrax	<i>Procapra capensis</i>	X		X		X		X			X				X		
5	20	3	Yellow-spotted Bush Hyrax	<i>Heterohyrax brucei</i>	X		X		X		X			X				X		
Elephant : Proboscidea																				
5	400	13	African Elephant	<i>Loxodonta africana</i>	X	X	X	X	X	X	X			X				X	X	

Odd-toed Ungulates : <i>Perissodactyla</i>												
5	500	12	Common (Burchell's/Plains) Zebra	<i>Equus quagga boehmi</i>	X	X	X	X	X	X	X	X
5	7	2	Black Rhinoceros	<i>Diceros bicornis</i>	X		X	X	X		X	
Even-toed Ungulates : <i>Artiodactyla</i>												
5	200	11	Hippopotamus	<i>Hippopotamus amphibius</i>	X	X	X	X	X	X	X	X
5	35	11	Common Warthog	<i>Phacochoerus africanus</i>	X	X	X	X	X	X	X	X
5	40	13	Maasai Giraffe	<i>Giraffa camelopardalis tippelskirchi</i>	X	X	X	X	X	X	X	X
5	200	11	African (Cape) Buffalo	<i>Syncerus caffer</i>	X	X	X	X	X	X	X	X
5	1	1	Bushbuck	<i>Tragelaphus scriptus</i>	X		X	X	X		X	
5	22	3	Common Eland	<i>Taurotragus oryx</i>	X		X	X	X		X	
2			Harvey's (Red Forest) Duiker	<i>Cephalophus harveyi</i>			X	X				
1			Suni	<i>Neotragus moschatus</i>				X				
4			Steinbok	<i>Rhapicercus campestris neumanni</i>			X	X		X	X	
5	6	10	Kirk's Dik-dik	<i>Madoqua kirkii</i>	X		X	X	X	X	X	
5	6	4	Bohor Reedbuck	<i>Redunca redunca</i>	X	X	X	X	X	X	X	
1			Southern (Common) Reedbuck	<i>Redunca arundinum</i>							X	
5	20	4	Common Waterbuck	<i>Kobus ellipsiprymnus</i>	X		X	X	X		X	X
2			Defassa Waterbuck	<i>Kobus ellipsiprymnus defassa</i>					X		X	
5	350	12	Thomson's Gazelle	<i>Eudorcas thomsonii</i>	X	X	X	X	X	X	X	X
5	500	10	Grant's Gazelle	<i>Nanger granti</i>	X	X	X	X	X	X	X	X
1	5	1	Gerenuk	<i>Litocranius walleri</i>		X						
4	400	11	Impala	<i>Aepyceros melampus</i>	X	X	X	X	X	X	X	X
4	80	3	Topi	<i>Damaliscus lunatus</i>	X	X	X	X	X		X	
4	25	8	Coke's Hartebeest (Kongoni)	<i>Alcelaphus buselaphus cokei</i>	X	X	X	X	X		X	
4	100K	8	Wildebeest	<i>Connochaetes taurinus</i>	X	X	X	X	X		X	X
1	18	1	Fringed-eared Oryx	<i>Oryx beisa callotis</i>		X						
[Cumulative total: 72 / 11 families]					[50]		[53]		[52]		[58]	[55]
REPTILES												
Tortoises : <i>Chelonians</i>												
5	2	3	Leopard Tortoise	<i>Geochelone pardalis</i>	X		X	X	X		X	
3	8	2	Helmeted Terrapin	<i>Pelomedusa subrufa</i>	X			X	X			
Lizards : <i>Squamata</i>												
2			Brooks's Gecko	<i>Hemidactylus brooki</i>					X		X	
5	6	8	Tropical House Gecko	<i>Hemidactylus mabouia</i>	X	X	X	X	X	X	X	X
2			Kenya Dwarf Gecko	<i>Lygodactylus keniensis</i>					X			
2			Rainbow Skink	<i>Mabuya margaritifer</i>					X	X		X
1			Tree Skink	<i>Mabuya planifrons</i>					X			
5	3	6	Striped Skink	<i>Mabuya striata</i>	X	X	X	X	X	X	X	X
1			Tropical Spiny Agama	<i>Agama armata</i>							X	
4	4	2	Blue-headed Agama	<i>Acanthocercus artcollis</i>	X		X	X	X			
5	4	2	Red-headed Rock Agama	<i>Agama agama</i>	X		X	X	X	X	X	X
5	10	2	Mwanza Flat-headed Agama	<i>Agama mwanza</i>	X		X	X	X		X	

2		Montane Side-striped Chameleon	<i>Chamaeleo ellioti</i>			X				X	
3		Flap-necked Chameleon	<i>Chamaeleo dilepis</i>						X		X
1		Jackson's (Kikuyu Three-horned) Chameleon	<i>Chamaeleo jacksoni</i>			X					
4	1	1 Nile Monitor	<i>Varanus niloticus</i>	X				X		X	X
Crocodiles : <i>Crocodylia</i>											
5	2	2 Nile Crocodile	<i>Crocodylus niloticus</i>	X		X		X		X	X
Snakes : <i>Serpentes</i>											
1		Uganda Green Snake	<i>Philothamnus bequaerti</i>					X			
1		Spotted Bush Snake	<i>Philothamnus semivariiegans</i>			X					
1		Dwarf Sand Snake	<i>Psammophis angolensis</i>								X
1		Puff Adder	<i>Bitis arientans somalica</i>								d
1	1	1 <i>unidentified snake sp</i>			X						
[Cumulative total: 22]				[10]		[10]		[12]		[14]	[12]
AMPHIBIANS											
4	1	1 Gutteral Toad	<i>Bufo gutturalis</i>	X		h		X		X	
1		Senegal Kassina (Bubbling Frog)	<i>Kassina senegalensis</i>			h					
2	1	2 Reed Frog	<i>Hyperolius glandicolor</i>		h						X
3	1	2 <i>Frog sp</i>		h					X		h
[Cumulative total: 4]				[3]		[2]		[1]		[2]	[2]
BUTTERFLIES											
Swallowtails : <i>Papilionoidea</i>											
3	2	1 Mocker Swallowtail	<i>Papilio dardanus</i>	X		X				X	
2	2	1 Horniman's Swallowtail	<i>Papilio hornimani</i>	X		X					
1		Broad Green-banded Swallowtail	<i>Papilio bromius</i>			X					
2		Green-banded Swallowtail	<i>Papilio phorcas</i>						X	X	X
1		Emperor Swallowtail	<i>Papilio ophidicephalus</i>			X					
5	6	11 Citrus Swallowtail	<i>Papilio demodocus</i>	X	X	X	X	X	X	X	X
1		White-banded Swallowtail	<i>Papilio echerioides</i>					X			
Yellows & Whites : <i>Pieridae</i>											
5	3	4 African Emigrant	<i>Catopsilia florelia</i>	X	X	X	X	X		X	X
1	1	4 African Clouded Yellow	<i>Colias electo</i>	X							
3	10	2 Common Grass Yellow	<i>Eurema hecabe</i>	X					X		X
1		Malagasy Grass Yellow	<i>Eurema floricola orientalis</i>				X				
2	1	2 Mandarin Grass Yellow	<i>Eurema mandarinula</i>	X			X				
1		Regular Grass Yellow	<i>Eurema regularis</i>				X				
1		Small Grass Yellow	<i>Eurema brigitta</i>						X		
2	2	2 Zebra White	<i>Pinacopteryx eriphis</i>	X			X				
1	1	1 Large Vagrant	<i>Nepheronia argia</i>	X							
2	2	1 Vine Leaf White	<i>Eronia cleodora</i>	X		X	X				
1	2	1 Orange & Lemon (Autumn Leaf Vagrant)	<i>Eronia leda</i>	X							

2	2	1	Small Salmon Arab	<i>Colotis amatus</i>		X		X												
3	4	2	African Golden Arab	<i>Colotis aurugineus</i>	X	X	X		X											
1			Veined Golden Arab	<i>Colotis vesta hanningtoni</i>					X											
1			Magenta Tip	<i>Colotis celimene</i>						X										
1			Coast Purple Tip	<i>Colotis hetaera ankolensis</i>					X											
2	2	1	Purple Tip	<i>Colotis ione</i>		X		X												
2			Scarlet Tip	<i>Colotis danae</i>					X										X	
3	3	2	Large Orange Tip	<i>Colotis antevippe</i>	X		X		X											
4	2	6	Round-winged Orange Tip	<i>Colotis euipe</i>	X	X		X	X			X								
2			Tiny Orange-Tip	<i>Colotis evagore</i>				X	X											
2			Caper White (Brown Veined White)	<i>Belenois aurata</i>			X	X	X											
4	20	7	African Caper White	<i>Belenois creona</i>	X	X	X	X	X			X							X	
2			False Dotted Border	<i>Belenois thysa</i>			X				X									
2	1	1	African Wood White	<i>Leptosia alcesta</i>	X		X													
2			Ruppell's Dotted Border	<i>Mylothris rueppelli</i>			X				X									
Blues, Hairstreaks & Metalmarks : Lycaenidae																				
1			Tropical Pentila	<i>Pentila tropicalis</i>						X										
1			Krause's Acraea Mimic	<i>Mlmacraea krausei poultoni</i>						X										
1			Common Scarlet	<i>Axiocerses harpax</i>						X										
1			Eastern Scarlet	<i>Axiocerses tjoane</i>						X										
1	1	1	Long-tailed Blue	<i>Lampides boeticus</i>	X															
1			<i>Blue sp.</i>							X										
Brushfoots : Nymphalidae																				
5	3	2	African Monarch (Queen)	<i>Danaus chrysippus</i>	X		X		X	X	X	X	X	X	X	X	X	X	X	X
2			African Blue Tiger	<i>Tirumala petiverana</i>			X		X											
2			Layman	<i>Amauris albimaculata</i>			X		X											
1			Common Bush Brown	<i>Bicyclus safitza</i>			X													
1	1	1	Ringlet sp	<i>Ypthima antennata</i>	X															
1	1	1	Pearl Charaxes	<i>Charaxes varanes</i>																
2	1	1	White-barred Charaxes	<i>Charaxes brutus</i>		X						X								
1			Kenya Charaxes	<i>Charaxes blanda kenya</i>					X											
2	2	1	Gold-banded Forester	<i>Euphaedra neophon</i>	X								X							
1			Kiriakoff's Sailor	<i>Neptis kiriakoffi</i>			X													
1	1	1	<i>Sailor sp</i>	<i>Neptis metella</i>	X															
1			Kiriakoff's Sailor	<i>Neptis kiriakoffi</i>			X													
1			<i>Sailor sp</i>	<i>Neptis sp</i>									X							
1	8	2	Joker	<i>Byblia ilithyia</i>	X															
1			Pied Piper	<i>Eurytela hiarbus</i>						X										
3	4	6	Danaid Eggfly (Diadem)	<i>Hypolimnias misippus</i>	X	X	X	X	X	X										
1	1	1	Forest Mother of Pearl	<i>Salamis parhassus</i>																
1			Clouded Mother of Pearl	<i>Salamis anacardii</i>						X										
4	10	4	Dark Blue Pansy	<i>Junonia oenone</i>	X		X	X	X	X									X	
4	2	4	Yellow Pansy	<i>Junonia hierta</i>	X		X	X	X			X								
2	1	1	Blue Spot Pansy	<i>Junonia westermanni</i>	X								X	X						
1			Little Commodore	<i>Junonia sophia</i>															X	
1			Brown Pansy	<i>Junonia stygia</i>									X							
2			Natal Pansy	<i>Junonia natalicaa</i>				X			X									

2	Soldier Commodore
1	Gaudy Commodore
1	Darker Commodore
1	Garden Inspector
2	Painted Lady
1	Abyssinian Admiral
1	Dimorphic Admiral
1	Leopard Fritillary sp
1	Common Leopard Fritillary
1	Neobule Acraea
Skippers : <i>Hesperioidae</i>	
1	One Pip Policeman
1	Wreford's Skipper
1	Oriental Sylph
1	
1	Axehead Biseriatus
[Cumulative total: 78]	

Junonia terea
Precis octavia
Precis antilope
Precis archesia
Vanessa cardui
Antanartia abyssinica
Antanartia dimorphica
Phalanta sp
Phalanta phalanta
Acraea neobule

Coeliades anchises
Spialia wrefordi
Metisella orientalis
Metisella willemi
Acada biseriatus

		X		X					
				X					
				X					
				X					
		X		X	X				
				X					
							X		
							X		
				X					
				X					
		X							
				X					
				X					
				X					
				X					
[31]		[30]		[46]		[17]		[9]	