

Tanzania's Northern Circuit Safari

1st – 12th November 2022 Trip Report



Above: Cheetah, Serengeti

Lawson's Birding, Wildlife and Custom Safaris P O Box 16849 West Acres, Nelspruit Mpumalanga, South Africa 1211

Tel : +27 13 741 2458

Email : <u>info@lawsons-africa.co.za</u>
Web : <u>www.lawsons-africa.co.za</u>

Tour Summary

Tour Participants: Andy & Jane Oliver, David and Margie Parsley, Dave and Fran Hallam, Donna

Gottschalk.

Tour leader: Leon Marais

Photo acknowledgements: Leon Marais

Temperature Range: 18 – 32 °C

Total Birds Seen: 276, Total Mammals Seen: 39

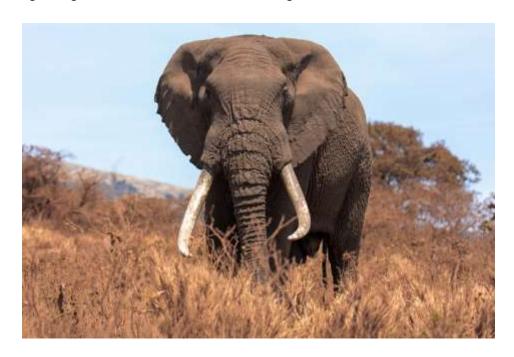
Trip Report Compiled By: Leon Marais

Notes:

This was the first edition of this safari, a trial run if you like, our first Tanzanian experience. And boy, what an experience it was! Everything worked out very well: the accommodations and destinations were fantastic; our local guides Wilfred and Arnold were just superb; the vehicles were excellent; and we had a great group of people on the tour, all of which made it such a success. However, there's always room for improvement, and we've adjusted the itinerary slightly for next time. The main changes are:

- 1: Including an extra night in Arusha and staying at Rivertrees Country Lodge, which gives us the opportunity to visit Arusha National Park, and gives a 'buffer day' in case of late arrivals.
- 2: Changing lodges in the Tarangire area, so we are staying inside the park, thus avoiding the to / from driving.
- 3: Adding a night in Ndutu and taking a way a night from the Serengeti most of the group members said they would have preferred more time at Ndutu, where there are fewer other vehicles and off-road driving is allowed, and less time in the Serengeti (3 nights will be just right) where there are a lot of other tourist vehicles.

"We had a fantastic trip. We loved every minute, really enjoyed meeting our fellow travellers too. Thanks for your help in organizing it. We can't wait to use Lawson's again!" *Dave and Fran Hallam*.



Above: Elephant bull, Ngorongoro Crater

Trip Breakdown

Day 1: Tuesday, 1st November 2022 ~ Arusha

The first day of the safari was basically designed as a gathering day, giving us a night close to Arusha to assemble and get acquainted before the safari proper began. As it turned out though, Dave and Fran were only arriving the following morning, and Andy and Jane, Donna and I had arrived in Arusha a couple of days earlier, while David and Margie had a few nights in Nairobi before arriving in Arusha (with airports and airlines still in a bit of disarray, it's always best to arrive in country a day or two early, to avoid missing out if there's a major delay). Those of us who stayed in Arusha arranged day visits to Arusha National Park, which was a great way to get into the swing of things. And in fact, it was so enjoyable, that we have included a full day in Arusha at the beginning of the tour for 2023 and onwards. Arusha National Park is set on the slopes of Mount Meru, has some great forest habitat. While it can't compete with the bigger parks such as Ngorongoro and the Serengeti in terms of large mammals, it does offer a chance to see troops of spectacular Black-and White Colobus Monkeys, which make a great addition to the mammal list, and basically serves as an introduction to Tanzania's wildlife. Furthermore, having a full day in Arusha gives a bit of a buffer in case flights are delayed, so that we don't have people arriving on the day the touring starts.

Day 2: Wednesday, 2nd November 2022 – Arusha to Lake Burunge

After breakfast at Kahawa House, David and Fran arrived from the airport with Arnold, one of our local guides, and before long we had packed up the two vehicles, the other driven by Wifred, and were ready to depart Arusha. The drive to Lake Burunge Tented Camp was quicker than expected, and by mid-day we had arrived. We were shown to our tented accommodation, and met up for lunch (during which a herd of Elephants arrived at the water hole just below the dining deck – a great welcome indeed!) before an afternoon visit to Tarangire National Park. Lake Burunge Tented Camp is not in the park itself but, as with much of Tanzania, this does not mean there's no wildlife around, and the Elephants in the camp would be the highlight of our stay here (as well as some great birding!). In Tarangire itself we were amazed by the landscapes, and in particular the Baobab savanna for which the park is famous. The birders among us were kept busy with a plethora of wonderful species, while on the mammal side we 'scored an early goal' with our first Cheetah – one of many, as it would turn out. Other species seen for the afternoon included Spotted Hyena, Plains Zebra, Common Warthog, Masai Giraffe, Common Waterbuck, African Buffalo, Bushbuck, Banded Mongoose and Vervet Monkey, among others.

Day 3: Thursday, 3rd November 2022 ~ Tarangire National Park

Today we had an early breakfast at the camp, assembled our packed lunches (for packed lunches the usual approach was to choose what you wanted from a lunch buffet, a marvelous system that allows you to have only as much as you want, and what you want - no soggy cheese-and-tomato sarmies put together the night before!) and headed out for a full day in the park. The previous afternoon we'd entered via the main gate, and today we entered via a second gate, giving access to a different part of the park. Tarangire is pretty big, at nearly 5000 square km, so there's plenty to keep one occupied. Initially the game was a bit sporadic, as the bush was very dry, but things changed when we arrived at 'the marsh' - a large wetland area, still holding water in this driest of seasons – that was absolutely teeming with animals, just staggering in terms of scale and large mammal biomass (the hallmark of a Tanzanian safari). The marsh was occupied by large numbers of Common Wildebeest, this 'eastern race' being almost silvery in colour, and lacking the dark stripes seen on other races, and Plains Zebra as the dominant two mammal species, as well as Warthogs, Bohor Reedbuck, and scattered herds of Elephants. But the mammals were far outnumbered by the birds, and the numbers of Pelicans, Storks, Herons, Egrets, Vultures and others were simply mind blowing – enough to keep birders busy for days on end! We also saw our first Lions - a female and two sub-adults which were resting - rather uncomfortably it seemed – up in the branches of a large Tree Euphorbia. We had our packed lunch at a picnic site overlooking the marsh, together with endemic Rufous-tailed Weavers and White-headed Buffalo Weavers, and then made our way back to Lake Burunge and our camp, arriving at 17h00 after a long but very rewarding day out. We then had time to rest and birdwatch before dinner out on the deck, and a chance to discuss the exciting first full day of the tour.

Day 4: Friday, 4th November 2022 ~ Lake Burunge to Karatu

Today we had an easy start. Most of us were up early, birdwatching in the camp grounds, and also watching a herd of Elephant bulls which had decided to rest in the shade of the trees between the tents, in the process

holding up some group members who were on the other side of them, and thus blocked from getting to the breakfast area for a cup of coffee. But after a while the Elephants did move on, and we assembled at the breakfast table. Afterwards we packed and departed, with some great scenery as we made our way up the Rift Valley escarpment and past Lake Manyara (with some curio shopping on the way) and then on to the Karatu area, close to Ngorongoro Crater, where we were staying for two nights at Ngorongoro Farm House, a lovely establishments situated on a working coffee farm. After settling in, we had lunch, and then free time for birding in the lodge grounds, relaxing, backing up photos etc, and in the late afternoon some of us went on a tour of the farm, learning about coffee production and other aspects of local life from a rather entertaining guide from the local village. Then it was dinner on the deck, and the excitement was palpable as we discussed the upcoming trip into the crater, something we'd all been looking forward to for a very long time.

Day 5: Saturday, 5th November 2022 ~ Ngorongoro Crater

The day finally arrived... We met up for an early breakfast, assembled our lunches, gathered our gear and boarded the vehicles for the trip into Ngorongoro Crater. The route took us through villages and farmlands before we reached the gate to the Ngorongoro Conservation Area. From here the vegetation was lush, with montane forest adorning the slopes of the volcano. After entering the NCA the winding route took us through more beautiful forest, and at times the ridge was only 50 meters or so wide, with the inside edge leading down into the crater floor on our right, and the outside slope leading down into farming areas far below on our left. We stopped for photographs at the first view site, offering breath-taking views of the crater floor and steep, forested carter rim. Moving on, we took the descent road, which brought us out onto the crater floor. We soon saw our first Lions, which were resting in the shade after feeding on a Buffalo, the carcass of which was being fed on by a number of Vultures. Further on, a pair of Golden Jackals (sometimes called Golden Wolf) serenaded us with their mournful howls as we made our way to the Lerai Forest. As we exited the forest we saw our second bunch of Ngorongoro Lions – a female and a spectacular male, first watching us from the shade of a small bush and then parading across the open ground like a real Royal pair, watched by Zebra and Wildebeest. We then slowly made our way to the picnic spot for lunch, and then explored the soda lake, with resident Hippos (all clustered in the bay of an inlet that brought fresh water into the lake). On the way to the lake we had views of a Caracal in the distance, and a bit later on close views of a Serval tom cat on the prowl, two of the highlights of the day. By late afternoon we were pretty overwhelmed, and made our way out of the crater, with stunning views from the ascent road. We arrived back at Ngorongoro Farmhouse in the late afternoon, tired but immensely satisfied after a glorious day in Ngorongoro Crater, for some time to relax before dinner.

Day 6: Sunday, 6th November 2022 ~ Karatu to Ndutu

Today we were moving on to the next stop, Ndutu, which is part of the Ngorongoro Conservation Area, right on the border with the Serengeti. On the crater rim we stopped for semi-final views of the crater (our final views would come on the last day as we flew over it on the way to Arusha), and also stopped for a while to view an impressive Elephant bull 'tusker' and his 'askari', or young male companion - who were feeding not far away from a group of Masai herders and their stock, and that's one of the amazing things about Tanzania, the big game living in close proximity to the local inhabitants. Moving on, we descended the crater slopes and emerged on a vast dry plain, passing the Olduvai Gorge hominid site before we got to the Serengeti entrance gate. We stopped for photos and then turned south as we made our way to Ndutu, where we were staying at Ndutu Safari Lodge. After arriving we settled in and had lunch, and then had our first afternoon drive. The area was very dry, so plains game wasn't abundant, but the predator viewing was still very good, and this area offers two 'plus points' – it wasn't as busy with other tourists as the more popular reserves, and off-road driving enables one to maximise the viewing opportunities. The highlight of the afternoon was a female Cheetah and her three well-grown cubs, which we watched as they rose from their afternoon slumber and headed off on a hunt. Two of the cubs spotted a Reedbuck in the reeds and set off in pursuit, but the antelope had way too much of a head start to make it viable. Good practice for the cubs though! A great sighting it was, and in the twilight, we headed back to camp before meeting for drinks and dinner, during which we had great views of the resident pair of Genets sitting in the rafters almost above the table.

Day 7: Monday, 7th November 2022 ~ Ndutu

Today was our full day at Ndutu, and we were out early under clear skies for a long morning safari. We started off with some time at the lake, watching the Flamingos, part of a beautiful scene, and then made our way into the vast woodlands in search of big game. We spent time watching a group of male Lions, which were settling down for a day of rest as the day warmed up, but at least did give us some decent photo ops, even if they

were sedentary. We then made our way to a spot for our picnic breakfast, during which we spotted a Leopard, the first for the trip, moving through a marshy area close by. And of course, there were plenty of birds to be seen, as well as general game. On the way back to camp we came across another pride of Lions. These were resting, but not asleep by any means, as they were staring intently at a herd of cattle and the Masai herders, who had (apparently illegally) brought a huge number of cattle to graze in the area. After a while they must have realised that the two safari vehicles sitting stationary for so long meant that there were probably Lions there, and they turned their herd and began moving back in the opposite direction. Interesting, but also concerning, giving a glimpse of the human / wildlife issue that pervades much of Africa where wildlife still remains. We then made our way back to camp for brunch and a rest period, during which we staked out the bird bath and got some great images of the visiting birds such as Fischer's Lovebird, Crimson-rumped Waxbill, Bleu-headed Cordonbleu, Grey-headed Silverbill, Slaty Boubou and others. In the afternoon we headed out on another drive, skirting the shore of Lake Ndutu, where we came across a female Cheetah and her single cub, feeding on a freshly killed Impala ram. Talk about a great sighing, which we had all to ourselves! And, to round the drive off, we saw a Striped Hyena on the way back to the camp, the only sighing of this species on the tour, and a lifer mammal for most of the group. Back at camp, the staff had prepared an outdoor barbeque dinner for us, ending off a superb day at Ndutu Safari Lodge.

Day 8: Tuesday, 8th November 2022 ~ Ndutu to Serengeti

Today we had an early breakfast (preceded by some camp birding, of course!), followed by packing and departure for the Serengeti. We saw Lions and a Leopard on the way in but were most awed by the numbers of Wildebeest and Zebras we encountered as we neared the Seronera area – the migrating herds had started arriving in the area, which was far greener than what we'd had up until this point, attracted by the grazing and the water in the Seronera River. It was awesome to see and boded well for some exciting viewing over the next few days. We made our way through to Kati Kati Tented Camp, arriving in time to settle in and do some camp birding before lunch. The drive produced Lions (which we'd see a lot of!), a large pod of Hippo's crowded together in a pool in the river, plenty of birds and general game, all in all a great introduction to the Serengeti.

Days 9 - 11: Wednesday, 9th - Friday, 11th November 2022 ~ Serengeti

With three full days in the Serengeti, the drives and sightings began to blur somewhat! There was a large pride of Lions camped out along the river, and they provided many great moments, especially as they had a number of young cubs in tow, and for some members of the group at least, a close-up sighting of some of these cubs was one of the highlights of the tour. However, as usual the Lions attracted a lot of vehicles, and on one day we took a packed breakfast with us and headed further out, away from the most popular areas, checking out some of the koppies (rock outcrops), where we spent time with a lovely female Leopard resting up on a rock. And, not long after that, we watched a female Cheetah take down a Thompson's Gazelle, drag the kill across the road to some cover, and then call out her two cubs to come and feed, definitely one of the highlights of the tour. Another action sighting came a bit later in the stay when the big pride of Lions took down a Buffalo cow, fortunately quite far off so not as visceral an experience it would have been close up. Countless other great bird and mammal sightings filled in the gaps between the main highlights, the Serengeti definitely living up to its reputation!

Day 12: Saturday, 12th November 2022 ~ Departure

Today was the sad day when the safari came to an end (except for David and Margie, who were flying on to the Masai Mara in Kenya). But the flight out of Seronera wasn't until early afternoon, so we had plenty of time for breakfast, packing and a long game drive to the airstrip, which actually produced probably our best sighting of the big Lion pride (females and cubs all lying about in the open, with the hungry cubs suckling from the females) and a great Serval sighting to end off. At the airstrip we said fond farewells to Wilfred and Arnold, our excellent local guides, as well as David and Margie, and then got our flight to Arusha (seeing Ngorongoro Crater from the air on the way), where we finally went our separate ways after a thoroughly enjoyable Tanzanian safari experience.

Mammal List

			Day #	0	1	2	3	4	5	6	7	8	9	10	11	12
#	Species	Info	#FG		1	2	3	4	5	6	7	8	9	10	11	12
	Hyraxes Procaviidae															
1	Common Rock Hyrax Procavia capensis		84									Х	х	Х	Х	
	Elephants Elephantidae															
2	African Elephant Loxodonta africana	VU-	85			Х	Х	х	Х	Х	Х	Х	Х	Х	Х	
	Cats Felidae															
3	Cheetah Acinonyx jubatus	VU-	77			Х				Х	Х			Х	Х	
4	Caracal Caracal caracal		76						Х							
5	Serval <i>Leptailurus serval</i>		76						Х							Х
6	Lion <i>Panthera leo</i>	VU-	77				Х		Х		Х	Х	Х	Х	Х	Х
7	Leopard <i>Panthera pardus</i>	VU-	77								Х	Х		Х		
	Vivets, Genets Viverridae															
8	Common Genet Genetta genetta		72							Х						
	Hyenas, Aardwolf Hyaenidae															
9	Spotted Hyaena Crocuta crocuta		71			Χ			Х	Х	Х	Х	Х	Х	Х	Х
10	Striped Hyaena Hyaena hyaena	NT-	71								Х					
	Mongooses Herpestidae															
11	Common Dwarf Mongoose Helogale parvula		67				Х							Х		
12	Egyptian Mongoose Herpestes ichneumon		68						Х							
13	Slender Mongoose Herpestes sanguineus		68							Х	Х	Х		Х	Х	
14	Banded Mongoose Mungos mungo		66			Χ	Χ	Х	Х						Х	
	Wolves, Coyote, Foxes and Jac	kals Ca	nidae													
15	African Golden Wolf Canis lupaster								Х							
16	Black-backed Jackal Lupulella mesomelas		61				Х				Х			Х		
	Zebras, Horse and Asses Equidae															
17	Plains Zebra <i>Equus quagga</i>	NT-	86	Х		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	Pigs Suidae															

18	Common Warthog Phacochoerus africanus		92	х		х	х	x	х	х	х	х	х	х	х	х
	Giraffe, Okapi Giraffidae															
19	Masai Giraffe Giraffa tippelskirchi	N VU-		Х		Х	Х		Х	Х	Х	Х	Х	Х	Х	Х
	Cattle, Antelopes, Sheep, Goat	s Bovida	ne													
20	Impala <i>Aepyceros melampus</i>		112	х		х	Х			х	х	х	х	х	х	х
21	Hartebeest Alcelaphus buselaphus		114				Х			Х	Х	Х		Х	Х	
22	Harvey's Duiker Cephalophus harveyi		101	Х												
23	Common Wildebeest Connochaetes taurinus		115	Х		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	х
24	Topi Damaliscus lunatus		113									Х	Х	Х	Х	х
25	Thomson's Gazelle Eudorcas thomsonii	N	109						Х	Х		Х	Х	Х	Х	Х
26	Waterbuck Kobus ellipsiprymnus		108			Х	Х		Х	Х	Х					
27	Kirk's Dikdik Madoqua kirkii		106	Х			Х		Х	Х	Х	Х	Х	Х	Х	Х
28	Grant's Gazelle Nanger granti		110				Х		Х	Х	Х	Х		Х	Х	
29	Suni Nesotragus moschatus		104	Х												
30	Steenbok Raphicerus campestris		105				Х			Х	Х					
31	Bohor Reedbuck Redunca redunca		107				Х			Х			Х	Х	Х	Х
32	African Buffalo Syncerus caffer	NT-	95	Х		Х	Х		Х		Х	Х	Х	Х	Х	Х
33	Common Eland Tragelaphus oryx		99				Х		Х				Х	Х		
34	Bushbuck Tragelaphus scriptus		96			Х	Х									Х
	Hippopotamuses Hippopotamidae															
35	Hippopotamus <i>Hippopotamus amphibius</i>	VU-	90				Х		Х			Х	Х	Х	Х	Х
	Old World Monkeys Cercopithecidae															
36	Blue Monkey Cercopithecus mitis		15	Х	Х											
37	Vervet Chlorocebus pygerythrus		11			Х	Х					Х			Х	Х
38	Black-and-White Colobus Colobus guereza			Х	Х											
39	Olive Baboon Papio anubis		7		Х			Х				Х	Х	Х	Х	Х
	Daily Totals			11	3	13	21	6	19	17	19	20	17	24	22	17

Bird List

(Note: List based on IOC V11.2. Birds listed were seen by the guide and at least one member of the tour. H and yellow fill indicate **Heard Only** for a few significant species. The 'Seen' column is the total number of days on which the species was seen, and FG refers to the page in the Birds of Africa South of the Sahara on which the bird appears.)

Abbreviation Key: NT - Near threatened, VU - Vulnerable, EN - Endangered, I - Introduced, NE - Near Endemic

#	Species	Info	Seen?	FG
	Ostriches Struthionidae			
1	Common Ostrich Struthio camelus		1	1
	Ducks, Geese, Swans Anatidae			
2	White-faced Whistling Duck Dendrocygna viduata		1	19
3	Fulvous Whistling Duck Dendrocygna bicolor		1	19
4	Spur-winged Goose Plectropterus gambensis		1	18
5	Knob-billed Duck Sarkidiornis melanotos		1	18
6	Egyptian Goose Alopochen aegyptiaca		1	18
7	Blue-billed Teal Spatula hottentota		1	20
8	Northern Shoveler Spatula clypeata		1	21
9	Cape Teal Anas capensis		1	20
10	Red-billed Teal Anas erythrorhyncha		1	20
11	Southern Pochard Netta erythrophthalma		1	23
	Guineafowl Numididae			
12	Helmeted Guineafowl Numida meleagris		1	46
	Pheasants & Allies Phasianidae			
13	Crested Francolin Ortygornis sephaena		1	50
14	Coqui Francolin Campocolinus coqui		1	49
15	Yellow-necked Spurfowl Pternistis leucoscepus		1	50
16	Grey-breasted Spurfowl Pternistis rufopictus	E	1	50
17	Red-necked Spurfowl Pternistis afer		1	50
	Swifts Apodidae			
18	African Palm Swift Cypsiurus parvus		1	

19	Little Swift Apus affinis		1	107			
20	White-rumped Swift Apus caffer		1	107			
	Turacos Musophagidae						
21	Bare-faced Go-away-bird Crinifer personatus		1	93			
22	White-bellied Go-away-bird Crinifer leucogaster		1	93			
	Bustards Otididae	_					
23	Kori Bustard Ardeotis kori	 NT-	1	57			
24	White-bellied Bustard Eupodotis senegalensis		1	58			
25	Buff-crested Bustard Lophotis gindiana		1	58			
26	Black-bellied Bustard Lissotis melanogaster		1	58			
Cuckoos Cuculidae							
27	White-browed Coucal Centropus superciliosus		1	98			
28	Klaas's Cuckoo Chrysococcyx klaas		1	97			
Sandgrouse Pteroclidae							
29	Chestnut-bellied Sandgrouse Pterocles exustus		1	82			
30	Yellow-throated Sandgrouse Pterocles gutturalis		1	82			
	Pigeons, Doves Columbidae	•					
31	Speckled Pigeon Columba guinea		1	84			
32	Dusky Turtle Dove Streptopelia lugens		1	87			
33	Mourning Collared Dove Streptopelia decipiens		1	86			
34	Red-eyed Dove Streptopelia semitorquata		1	86			
35	Ring-necked Dove Streptopelia capicola		1	86			
36	Laughing Dove Spilopelia senegalensis		1	87			
37	Emerald-spotted Wood Dove Turtur chalcospilos		1	85			
38	Tambourine Dove Turtur tympanistria		1	85			
39	Namaqua Dove Oena capensis		1	85			
	Rails, Crakes & Coots Rallidae						
40	Common Moorhen Gallinula chloropus		1	55			

41	Red-knobbed Coot Fulica cristata		1	55			
42	African Swamphen Porphyrio madagascariensis		1	54			
43	Black Crake Zapornia flavirostra		1	54			
	Cranes Gruidae						
44	Grey Crowned Crane Balearica regulorum	 EN-	1	56			
	Grebes Podicipedidae						
45	Little Grebe Tachybaptus ruficollis		1	7			
	Flamingos Phoenicopteridae						
46	Greater Flamingo Phoenicopterus roseus		1	17			
47	Lesser Flamingo Phoeniconaias minor	 NT-	1	17			
Stone-curlews, Thick-knees Burhinidae							
48	Water Thick-knee Burhinus vermiculatus		1	60			
Stilts, Avocets Recurvirostridae							
49	Black-winged Stilt Himantopus himantopus		1	59			
50	Pied Avocet Recurvirostra avosetta		1	59			
	Plovers Charadriidae						
51	Long-toed Lapwing Vanellus crassirostris		1	63			
52	Blacksmith Lapwing Vanellus armatus		1	63			
53	Crowned Lapwing Vanellus coronatus		1	64			
54	Common Ringed Plover Charadrius hiaticula		1	66			
55	Kittlitz's Plover Charadrius pecuarius		1	65			
56	Three-banded Plover Charadrius tricollaris		1	65			
	Jacanas Jacanidae						
57	African Jacana Actophilornis africanus		1	55			
	Sandpipers, Snipes Scolopacidae						
58	Ruff Calidris pugnax		1	67			
59	Curlew Sandpiper Calidris ferruginea	 NT-	1	71			
60	Little Stint Calidris minuta		1	70			

61	African Snipe Gallinago nigripennis		1	73					
62	Common Sandpiper Actitis hypoleucos		1	68					
63	Green Sandpiper Tringa ochropus		1	68					
64	Wood Sandpiper Tringa glareola		1	68					
65	Common Greenshank Tringa nebularia		1	69					
	Coursers, Pratincoles Glareolidae								
66	Temminck's Courser Cursorius temminckii		1	61					
67	Double-banded Courser Rhinoptilus africanus		1	61					
68	Collared Pratincole Glareola pratincola		1	62					
Gulls, Terns, Skimmers Laridae									
69	Gull-billed Tern Gelochelidon nilotica		1						
70	Whiskered Tern Chlidonias hybrida		1	81					
Storks Ciconiidae									
71	Yellow-billed Stork Mycteria ibis		1	13					
72	Abdim's Stork Ciconia abdimii		1	14					
73	Saddle-billed Stork Ephippiorhynchus senegalensis		1	15					
74	Marabou Stork Leptoptilos crumenifer		1	15					
	Cormorants, Shags Phalacrocorac	ridae							
75	Reed Cormorant Microcarbo africanus		1	8					
	Ibises, Spoonbills Threskiornithide	ае							
76	African Sacred Ibis Threskiornis aethiopicus		1	16					
77	Hadada Ibis Bostrychia hagedash		1	16					
78	Glossy Ibis Plegadis falcinellus		1	16					
79	African Spoonbill Platalea alba		1	17					
	Herons, Bitterns Ardeidae								
80	Black-crowned Night Heron Nycticorax nycticorax		1	9					
81	Striated Heron Butorides striata		1	10					
82	Squacco Heron Ardeola ralloides		1	10					

83	Rufous-bellied Heron Ardeola rufiventris		1	10				
84	Western Cattle Egret Bubulcus ibis		1	10				
85	Grey Heron Ardea cinerea		1	12				
86	Black-headed Heron Ardea melanocephala		1	12				
87	Intermediate Egret Ardea intermedia		1	11				
	Hamerkop Scopidae							
88	Hamerkop Scopus umbretta		1	13				
	Pelicans Pelecanidae							
89	Great White Pelican Pelecanus onocrotalus		1	7				
Secretarybird Sagittariidae								
90	Secretarybird Sagittarius serpentarius	 VU-	1	24				
Kites, Hawks, Eagles Accipitridae								
91	African Harrier-Hawk Polyboroides typus		1	34				
92	Hooded Vulture Necrosyrtes monachus	 CR-	1	26				
93	White-backed Vulture Gyps africanus	 CR-	1	27				
94	Rüppell's Vulture Gyps rueppelli	 CR-	1	27				
95	White-headed Vulture Trigonoceps occipitalis	 CR-	1	26				
96	Lappet-faced Vulture Torgos tracheliotos	 EN-	1	27				
97	Black-chested Snake Eagle Circaetus pectoralis		1	28				
98	Brown Snake Eagle Circaetus cinereus		1	28				
99	Bateleur Terathopius ecaudatus	 NT-	1	39				
100	Crowned Eagle Stephanoaetus coronatus	 NT-	1	40				
101	Martial Eagle Polemaetus bellicosus	 VU-	1	40				
102	Wahlberg's Eagle Hieraaetus wahlbergi		1	36				
103	Tawny Eagle Aquila rapax	 VU-	1	36				
104	African Hawk-Eagle Aquila spilogaster		1	38				
105	Gabar Goshawk Micronisus gabar		1	30				
106	Dark Chanting Goshawk Melierax metabates		1	30				

107	Eastern Chanting Goshawk Melierax poliopterus		1	30				
108	Black Sparrowhawk Accipiter melanoleucus		1	33				
109	African Marsh Harrier Circus ranivorus		1	29				
110	Pallid Harrier Circus macrourus	 NT-	1	29				
111	Yellow-billed Kite Milvus aegyptius		1	24				
112	African Fish Eagle Haliaeetus vocifer		1	25				
113	Mountain Buzzard Buteo oreophilus	 NT-	1	35				
114	Augur Buzzard Buteo augur		1	35				
	Owls Strigidae							
115	Pearl-spotted Owlet Glaucidium perlatum		1	102				
	African Scops Owl Otus senegalensis		Н					
116	Cape Eagle-Owl Bubo capensis		1	101				
117	Spotted Eagle-Owl Bubo africanus		1					
118	Verreaux's Eagle-Owl Bubo lacteus		1	101				
Mousebirds Coliidae								
119	Speckled Mousebird <i>Colius striatus</i>		1	110				
Hoopoes Upupidae								
	Hoopoes Opupidae							
120	African Hoopoe Upupa africana		1	120				
120	African Hoopoe		1	120				
120	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae Green Wood Hoopoe		1	120				
	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae							
121	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae Green Wood Hoopoe Phoeniculus purpureus Abyssinian Scimitarbill		1	119				
121	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae Green Wood Hoopoe Phoeniculus purpureus Abyssinian Scimitarbill Rhinopomastus minor	 VU-	1	119				
121	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae Green Wood Hoopoe Phoeniculus purpureus Abyssinian Scimitarbill Rhinopomastus minor Ground Hornbills Bucorvidae Southern Ground Hornbill	 VU-	1	119				
121	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae Green Wood Hoopoe Phoeniculus purpureus Abyssinian Scimitarbill Rhinopomastus minor Ground Hornbills Bucorvidae Southern Ground Hornbill Bucorvus leadbeateri	 VU-	1	119				
121 122 123	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae Green Wood Hoopoe Phoeniculus purpureus Abyssinian Scimitarbill Rhinopomastus minor Ground Hornbills Bucorvidae Southern Ground Hornbill Bucorvus leadbeateri Hornbills Bucerotidae Northern Red-billed Hornbill	 VU-	1 1	119 120 125				
121 122 123	African Hoopoe Upupa africana Wood Hoopoes Phoeniculidae Green Wood Hoopoe Phoeniculus purpureus Abyssinian Scimitarbill Rhinopomastus minor Ground Hornbills Bucorvidae Southern Ground Hornbill Bucorvus leadbeateri Hornbills Bucerotidae Northern Red-billed Hornbill Tockus erythrorhynchus Von der Decken's Hornbill	 VU-	1 1 1	119 120 125				

	Rollers Coraciidae						
128	Purple Roller Coracias naevius		1	118			
129	Lilac-breasted Roller Coracias caudatus		1	118			
	Kingfishers Alcedinidae	_					
130	Grey-headed Kingfisher Halcyon leucocephala		1	111			
131	Brown-hooded Kingfisher Halcyon albiventris		1	111			
132	Striped Kingfisher Halcyon chelicuti		1	111			
133	African Pygmy Kingfisher Ispidina picta		1	113			
134	Giant Kingfisher Megaceryle maxima		1	111			
Bee-eaters Meropidae							
135	Little Bee-eater Merops pusillus		1	114			
136	Cinnamon-chested Bee-eater Merops oreobates		1	114			
137	White-fronted Bee-eater Merops bullockoides		1	116			
138	European Bee-eater Merops apiaster		1	116			
African Barbets Lybiidae							
139	White-eared Barbet Stactolaema leucotis		1	127			
140	Red-fronted Barbet Tricholaema diademata		1	128			
141	Spot-flanked Barbet Tricholaema lacrymosa		1	128			
142	White-headed Barbet Lybius leucocephalus		1	130			
143	Red-and-yellow Barbet Trachyphonus erythrocephalus		1	131			
144	D'Arnaud's Barbet Trachyphonus darnaudii		1				
	Honeyguides Indicatoridae						
145	Lesser Honeyguide Indicator minor		1	133			
	Woodpeckers Picidae						
146	Nubian Woodpecker Campethera nubica		1	136			
147	African Grey Woodpecker Dendropicos goertae		1	138			
	Caracaras, Falcons Falconidae						
148	Pygmy Falcon Polihierax semitorquatus		1	42			

149	Lesser Kestrel Falco naumanni		1	41					
150	Grey Kestrel Falco ardosiaceus		1	42					
151	Lanner Falcon Falco biarmicus		1	45					
	African & New World Parrots Ps.	ittacidae	9						
152	Meyer's Parrot Poicephalus meyeri		1	88					
153	Red-bellied Parrot Poicephalus rufiventris		1	88					
	Old World Parrots Psittaculidae								
154	Fischer's Lovebird Agapornis fischeri	N NT-	1	90					
155	Yellow-collared Lovebird Agapornis personatus	E	1	90					
Wattle-eyes, Batises Platysteiridae									
156	Chinspot Batis Batis molitor		1	209					
Bushshrikes Malaconotidae									
157	Orange-breasted Bushshrike Chlorophoneus sulfureopectus		1	238					
158	Brown-crowned Tchagra Tchagra australis		1	237					
159	Black-backed Puffback Dryoscopus cubla		1	236					
160	Slate-colored Boubou Laniarius funebris		1	235					
161	Tropical Boubou Laniarius major		1	234					
162	Brubru Nilaus afer		1	235					
	Vangas & Allies Vangidae								
163	White-crested Helmetshrike Prionops plumatus		1	240					
164	Grey-crested Helmetshrike Prionops poliolophus	N NT-	1	240					
165	Retz's Helmetshrike Prionops retzii		1	240					
	Shrikes Laniidae								
166	Magpie Shrike Urolestes melanoleucus		1	233					
167	Northern White-crowned Shrike Eurocephalus ruppelli		1	240					
168	Red-backed Shrike Lanius collurio		1	233					
169	Grey-backed Fiscal Lanius excubitoroides		1	232					
170	Long-tailed Fiscal Lanius cabanisi		1	231					

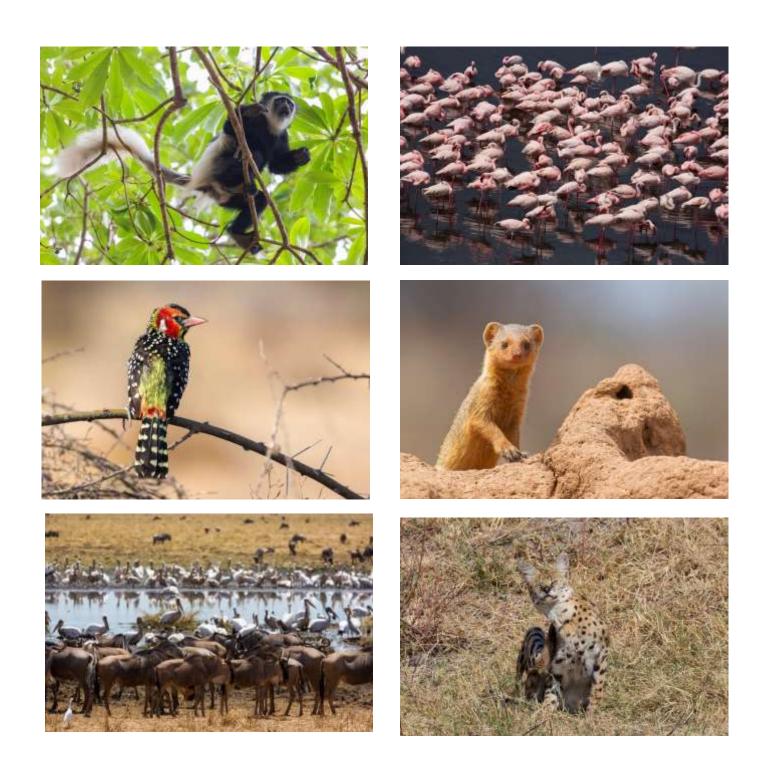
171	Northern Fiscal Lanius humeralis		1	231				
	Figbirds, Old World Orioles, Piop	oios Ori	iolidae					
172	Black-headed Oriole Oriolus larvatus		1	243				
	Drongos Dicruridae							
173	Fork-tailed Drongo Dicrurus adsimilis		1	241				
	Monarchs Monarchidae							
174	African Paradise Flycatcher Terpsiphone viridis		1	212				
Crows, Jays Corvidae								
175	Pied Crow Corvus albus		1	242				
176	White-necked Raven Corvus albicollis		1	242				
Tits, Chickadees Paridae								
177	Red-throated Tit Melaniparus fringillinus		1	219				
Larks Alaudidae								
178	Fischer's Sparrow-Lark Eremopterix leucopareia		1	144				
179	Rufous-naped Lark Mirafra africana		1	140				
180	Flappet Lark Mirafra rufocinnamomea		1	140				
181	Red-capped Lark Calandrella cinerea		1	143				
	Bulbuls Pycnonotidae							
182	Yellow-bellied Greenbul Chlorocichla flaviventris		1	158				
183	Mountain Greenbul Arizelocichla nigriceps		1	156				
184	Northern Brownbul Phyllastrephus strepitans		1	158				
185	Dark-capped Bulbul Pycnonotus tricolor		1	156				
	Swallows, Martins Hirundinidae							
186	Black Saw-wing Psalidoprocne pristoptera		1	148				
187	Banded Martin Neophedina cincta		1	145				
188	Sand Martin Riparia riparia		1	145				
189	Brown-throated Martin Riparia paludicola		1	145				
190	Wire-tailed Swallow Hirundo smithii		1	147				

191	Common House Martin Delichon urbicum		1					
192	Red-breasted Swallow Cecropis semirufa		1	146				
193	Red-rumped Swallow Cecropis daurica		1	146				
	Crombecs, African Warblers Mac	crosphei	nidae					
194	Moustached Grass Warbler Melocichla mentalis		1	190				
	Leaf Warblers Phylloscopidae							
195	Willow Warbler Phylloscopus trochilus		1	184				
Cisticolas & Allies Cisticolidae								
196	Croaking Cisticola Cisticola natalensis		1	192				
197	Rattling Cisticola Cisticola chiniana		1					
198	Tawny-flanked Prinia Prinia subflava		1	198				
199	Yellow-breasted Apalis Apalis flavida		1					
200	Grey-capped Warbler Eminia lepida		1	198				
201	Grey-backed Camaroptera Camaroptera brevicaudata		1	199				
	Sylviid Babblers Sylviidae							
202	Banded Parisoma Curruca boehmi		1	190				
	White-eyes Zosteropidae							
203	Pale White-eye Zosterops flavilateralis		1					
	Laughingthrushes & Allies Leioth	hrichida	е					
204	Arrow-marked Babbler Turdoides jardineii		1	216				
205	Black-lored Babbler Turdoides sharpei		1	216				
	Starlings, Rhabdornises Sturnida	e						
206	Wattled Starling Creatophora cinerea		1	250				
207	Rüppell's Starling Lamprotornis purpuroptera		1	248				
	Superb Starling		1	250				
208	Lamprotornis superdus							
208	Lamprotornis superbus Hildebrandt's Starling Lamprotornis hildebrandti	N	1	250				
		N	1	250 245				

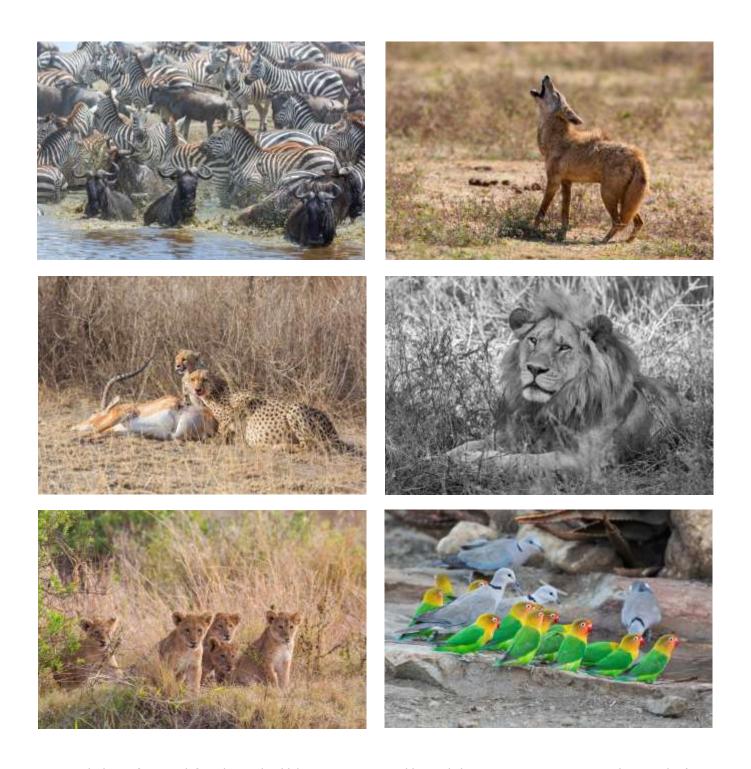
Oxpeckers Buphagidae							
212	Yellow-billed Oxpecker Buphagus africanus		1	244			
213	Red-billed Oxpecker Buphagus erythrorynchus		1	244			
Chats, Old World Flycatchers Muscicapidae							
214	Rufous-tailed Scrub Robin Cercotrichas galactotes		1				
215	White-eyed Slaty Flycatcher Melaenornis fischeri		1	204			
216	African Grey Flycatcher Melaenornis microrhynchus		1	206			
217	Silverbird Empidornis semipartitus		1	212			
218	Spotted Flycatcher Muscicapa striata		1				
219	African Dusky Flycatcher Muscicapa adusta		1	207			
220	Cape Robin-Chat Cossypha caffra		1	166			
221	Rüppell's Robin-Chat Cossypha semirufa		1	166			
222	White-browed Robin-Chat Cossypha heuglini		1	166			
223	Spotted Palm Thrush Cichladusa guttata		1	177			
224	Common Nightingale Luscinia megarhynchos		1	175			
225	African Stonechat Saxicola torquatus		1	173			
226	Anteater Chat Myrmecocichla aethiops		1	172			
227	Northern Wheatear Oenanthe oenanthe		1				
228	Capped Wheatear Oenanthe pileata		1	173			
229	Isabelline Wheatear Oenanthe isabellina		1	174			
230	Pied Wheatear Oenanthe pleschanka		1	174			
	Sunbirds Nectariniidae						
231	Eastern Violet-backed Sunbird Anthreptes orientalis		1	230			
232	Collared Sunbird Hedydipna collaris		1	229			
233	Olive Sunbird Cyanomitra olivacea		1	226			
234	Scarlet-chested Sunbird Chalcomitra senegalensis		1	228			
235	Bronzy Sunbird Nectarinia kilimensis		1	221			
236	Beautiful Sunbird Cinnyris pulchellus		1	228			

237	Variable Sunbird Cinnyris venustus		1	229				
Old World Sparrows, Snowfinches Passeridae								
238	Chestnut Sparrow Passer eminibey		1	251				
239	Kenya Sparrow Passer rufocinctus		1	251				
240	Northern Grey-headed Sparrow Passer griseus		1	252				
241	House Sparrow Passer domesticus	I	1	251				
	Weavers, Widowbirds Ploceidae							
242	Red-billed Buffalo Weaver Bubalornis niger		1	254				
243	White-headed Buffalo Weaver Dinemellia dinemelli		1	254				
244	White-browed Sparrow- Weaver Plocepasser mahali		1	253				
245	Rufous-tailed Weaver Histurgops ruficauda	E	1	253				
246	Grey-capped Social Weaver Pseudonigrita arnaudi		1	254				
247	Speckle-fronted Weaver Sporopipes frontalis		1	251				
248	Baglafecht Weaver Ploceus baglafecht		1	257				
249	Spectacled Weaver Ploceus ocularis		1	256				
250	Holub's Golden Weaver Ploceus xanthops		1	260				
251	Vitelline Masked Weaver Ploceus vitellinus		1	255				
252	Speke's Weaver Ploceus spekei		1	256				
253	Red-headed Weaver Anaplectes rubriceps		1	263				
254	Red-billed Quelea Quelea quelea		1	263				
255	Fan-tailed Widowbird Euplectes axillaris		1	266				
	Waxbills, Munias & Allies Estrildi	idae						
256	Grey-headed Silverbill Spermestes griseicapilla		1	278				
257	Bronze Mannikin Spermestes cucullata		1	279				
258	Red-backed Mannikin Spermestes nigriceps		1	279				
259	Black-faced Waxbill Brunhilda erythronotos		1	277				
260	Common Waxbill Estrilda astrild		1	276				
261	Crimson-rumped Waxbill Estrilda rhodopyga		1	276				

262	Purple Grenadier Granatina ianthinogaster		1	274		
263	Red-cheeked Cordon-bleu Uraeginthus bengalus		1	274		
264	Blue-capped Cordon-bleu Uraeginthus cyanocephalus		1	274		
265	Green-winged Pytilia <i>Pytilia melba</i>		1	270		
266	Red-billed Firefinch Lagonosticta senegala		1	275		
267	Jameson's Firefinch Lagonosticta rhodopareia		1	275		
Indigobirds, Whydahs Viduidae						
268	Straw-tailed Whydah Vidua fischeri		1	280		
Wagtails, Pipits Motacillidae						
269	Western Yellow Wagtail Motacilla flava		1	150		
270	Mountain Wagtail <i>Motacilla clara</i>	-	1	149		
271	African Pied Wagtail <i>Motacilla aguimp</i>		1	149		
272	Yellow-throated Longclaw Macronyx croceus		1	151		
273	African Pipit <i>Anthus cinnamomeus</i>		1	152		
Finches, Euphonias Fringillidae						
274	Southern Citril Crithagra hyposticta		1	283		
275	White-bellied Canary Crithagra dorsostriata		1	282		
276	Thick-billed Seedeater Crithagra burtoni		1	282		



Clockwise from top left: Black-and-White Colobus, Arusha; Flamingos, Arusha NP; Dwarf Mongoose, Tarangire; Serval, Ngorongoro Crater; Wildebeest and Pelicans; Tarangire; Red-and-Yellow Barbet, Tarangire NP.



Clockwise from top left: Zebra and Wildebeest, Serengeti; Golden Jackal, Ngorongoro Crater; Lion, Ndutu; Fischer's Lovebirds, Ndutu Safari Lodge; Lion cubs, Serengeti; Cheetahs with kill, Ndutu.