



ROCKJUMPER

Worldwide Birding Adventures

Zambia **Comprehensive** *21st May to 8th June 2018 (19 days)* **Trip Report**



Schalow's Turaco by Daniel Keith Danckwerts

Tour Leader: Daniel Keith Danckwerts

Tour Summary

Zambia is fast being recognised as one of Africa's top destinations, offering access to extensive tracts of pristine wilderness and some rare and little-known birds and mammals. This comprehensive tour covers the finest of Zambia's birdwatching sites, spread across the entire country, and our list of over 370 bird species and 40 mammals is a testament to what an incredible place this is! Some of the highlights included Zambia's two endemic birds (Chaplin's Barbet and Black-cheeked Lovebird), an unusually showy pair of Gorgeous (Perrin's) Bushshrike, several displaying African Broadbills, the localised and scarce Margaret's Batis, Bannerman's Sunbird, a nesting Crowned Eagle, Böhm's Bee-eater, the unique Black-collared Bulbul, several unusually confiding Blue Malkohas, Western Bronze-naped and Afep Pigeons, all three longclaws (Rosy-throated, Grimwood's, and Fülleborn's), Red-throated Twinspot, the rare Miombo Pied Barbet, several indescribable Ross's Turacos, the sweet-singing Angolan Lark, Sharp-tailed Starling, an unbeatable 17 cisticola species, as well as a host of miombo woodland specialists, including Chestnut-backed Sparrow-Weaver, African Spotted Creeper, Red-capped Crombec, Souza's Shrike, Black-necked and Green-capped Eremomelas, Yellow-bellied and Southern Hyliotas, Böhm's Flycatcher, White-bellied Cuckooshrike, Rufous-bellied Tit, and Cabanis's Bunting. Our mammal viewing was also sublime, and included day-time sightings of both Leopard and Serval, as well as Honey Badger, Miombo Genet, African Elephant, the rare Sable Antelope, Greater Kudu, Bushpig, Common Eland, and Sharpe's Grysbok. All in all, we couldn't have asked for a better trip!

The top ten sightings of the trip, as decided upon by the tour participants:

- | | |
|-----------------------------------|---------------------------------|
| 1. Schalow's Turaco | 6. Chaplin's Barbet |
| 2. Gorgeous (Perrin's) Bushshrike | 7. African Broadbill displaying |
| 3. Serval | 8. Shelley's Sunbird |
| 4. Crowned Eagle at nest | 9. Sharp-tailed Starling |
| 5. Red-throated Twinspot | 10. Leopard |

Tour in Detail

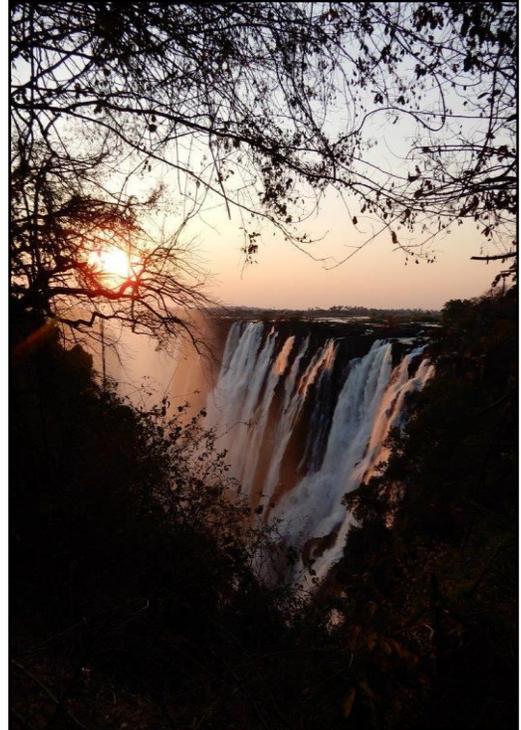
The tour began on the outskirts of the town of Livingstone, near to where Dr David Livingstone first happened upon the Victoria Falls (known locally as the *Mosi-O-Tunya* or 'the cloud that thunders') in 1855. Fuelled by the excitement of all things to come, and in spite of the jetlag, we wasted little time and were soon wandering through the grounds of our tranquil lodge. This short walk delivered some fantastic sightings – *a most wonderful introduction to Zambia's wildlife* – including a party of noisy Retz's Helmetshrike, the tricky Brown-backed Honeybird, a pair of



Retz's Helmetshrikes by Daniel Keith Danckwerts

Natal Spurrow, groups of endearing Blue Waxbills, a particularly confiding White-browed Robin-Chat, and some lovely Collared Palm Thrushes. Quite to our surprise, a Lappet-faced Vulture was found nesting opposite the restaurant, offering prolonged scope views! Some pesky African Elephants were also seen foraging nearby, having just dug up the central water supply to all the lodges on the edge of town; while a few particularly large Nile Crocodiles swam back and forth through the river. A lucky group of us witnessed the incredible sight of one of these crocodiles catching and eating a large Sharptooth Catfish.

From there, we ventured further afield. The Livingstone wastewater treatment plant produced some incredible Long-toed Lapwings, a single White-browed Coucal, noisy Hadada Ibises, a pair of impossibly bright African Golden Orioles, the diminutive Little Bee-eater, and a surprise Little Sparrowhawk. A single Hippopotamus also seemed to have taken up residence, and was seen munching away at the invasive water hyacinth that blanketed the settling ponds. *We all wondered whether this lone male had been chased from its river home by a dominant individual, or whether the evergreen hyacinth was just particularly nutritious.* Finally, we visited the viewpoints overlooking Victoria Falls. Aptly considered



Victoria Falls by Romney Bathurst

one of the seven Natural Wonders of the World, and listed as a World Heritage Site, the views overlooking the falls were enough to leave us all breathless! We had the pleasure of watching the sunset through the ‘Devil’s Cataract,’ a naturally cut line that marks the main channel of the Zambezi River as it plummets over 100m into the impressive Batoka Gorges below. Here we also saw some Red-winged Starlings, a



Brown Firefinch by Daniel Keith Danckwerts

family group of cute Brown Firefinches, several White-crowned Lapwings, and a mixed flock of swifts, including African Black, Little, and Horus. The day ended with a scrumptious traditional dinner back at the hotel, after which we settled in for an early night.

The following day began with another short walk around camp. This yielded several African Green Pigeons, an agitated family of Ashy Flycatchers, a pair of each of Trumpeter and African Grey Hornbills, the incredible

Orange-breasted Bushshrike, some noisy Striped Kingfishers, and a single Yellow-breasted Apalis in addition to many of the species seen previously. We then set off in the direction of the farming town of Choma. En route, we stopped at two sites on the edge of Livingstone. The first produced several Orange-

winged and Green-winged Pytilias – offering rare side-by-side comparisons – as well as a single Long-billed Crombec, some jewel-like White-bellied Sunbirds, a Shaft-tailed Whydah in non-breeding plumage, and large flocks of Red-billed Queleas. The second site delivered the immaculate Golden-breasted Bunting, several endearing Red-billed Firefinches, and a surprise female Miombo Rock Thrush. Our main quarry, the Tinkling Cisticola, was seemingly nowhere to be found; this shy and unobtrusive species would just have to wait for a little later in the tour. Nearer to Choma, we visited a commercial tobacco farm where the rare and unpredictable Shelley’s Sunbird was easily seen alongside the more common Amethyst, White-bellied, and Scarlet-chested Sunbirds. Other highlights here included a pair of Shelley’s Francolin, a family group of Miombo Blue-eared Starlings attending a nest hole, some displaying Racket-tailed Rollers, Southern Hyliota, nesting Spectacled Weavers, an incredible pair of African Wood Owls at their day roost, several Yellow-mantled Widowbirds in post-nuptial dress, our first Fülleborn’s Longclaws, African Cuckoo-Hawk, Goliath Heron, and a large flock of Cuckoofinch. We then arrived at our accommodation in the town of Choma after nightfall, so it was a quick dinner and then straight to bed for all.



Shelley’s Sunbird by Daniel Keith Danckwerts

Early the next morning, we set off towards the Nkanga River Conservancy, a small reserve comprising of at least four commercial farms. Much of the area is enclosed as a fenced game farm, though a large portion is reserved for various crops (maize, soya, tobacco) and livestock (beef and dairy cattle, sheep). It was here that we found our first of Zambia’s two endemic birds – the threatened Chaplin’s Barbet. In the early morning light, three birds were seen sunning themselves atop a large



Chaplin’s Barbet by David Hoddinott

(along with their bossy larger African cousins), a single shy African Rail, small numbers of Red-billed Teal, an early-arrival Little Stint in partial breeding plumage, Wood Sandpiper, and the drab but melodic

Winter Thorn Acacia, offering prolonged scope views. *What a magical way to start the day!* We then explored some of the surrounding savannas, quickly adding a pair of sexually dimorphic Sooty Chats, some endearing Grey Penduline Tits, busy flocks of Burnt-necked Eremomela, and the ubiquitous Rattling Cisticola. Another Brown-backed Honeybird was seen briefly; while Lesser Honeyguides were chased to-and-fro by Black-collared Barbets. A visit to a lush and productive dam, which is fed by one of the many natural hot springs on the property, brought the sometimes-tricky Lesser Jacana

Lesser Swamp Warbler. It was a pair of Red-throated Twinspots that completely stole the show; this normally shy species perched at length at the edge of a dark thicket, offering sublime walk-away views! A quick game drive around the property subsequently yielded some new mammals for the tour, including comedic Common Warthogs, a large herd of Common Eland (or the race *livingstonei*), abundant Puku, and a fleeting pair of Oribi.

Thereafter, content with our morning's birding thus far, we returned to Choma for a quick lunch break and an afternoon rest. En route we stopped for African Yellow Warbler in a damp hollow, which was fast seen well by all, as Lesser Striped and Red-breasted Swallows flew above our heads. Returning to the Nkanga River Conservancy in the afternoon, we visited a working farmyard where Wood Pipit, Yellow-fronted Canary, a wonderful pair of Cabanis's Bunting, and Miombo Blue-eared Starlings were found feeding on leftover cattle-fodder.



'Chobe' Bushbuck by Daniel Keith Danckwerts

Here we also observed a number of Bushbuck (of the striking *ornatus* race, sometimes also referred to as 'Chobe' Bushbuck), some of which seemed almost tame! A block of mature miombo woodland then delivered the rare and unobtrusive Miombo Pied Barbet, which eventually gave unimaginable views as it called continuously from the mid-strata. A pair of Black-eared Seed eaters were also welcomed, a single Racket-tailed Roller showed briefly, and our first Arnott's Chats were scoped as they foraged through the open understorey. We then moved to a nearby thicket, where we located Bearded Scrub Robin and Grey-backed Camaroptera, though African Broadbill was heard displaying just outside of reach and was



Miombo Pied Barbet by Daniel Keith Danckwerts

unfortunately not seen. The drive back to the town of Choma finally produced several Fiery-necked Nightjars, some of which were singing their quintessential African song.

The next day was essentially a travel day, as we moved onwards to the South Kafue National Park. However, the drive produced several new species for the tour, including a handful of Dickinson's Kestrels, several Brown Snake Eagles, some striking Intermediate and Great Egrets, Yellow-billed and Saddle-billed Storks, several groups of

huge Southern Ground Hornbills, Capped Wheatear, and a quick pair of Common Buttonquail. We also passed through several expansive areas of mature miombo and teak woodland, where Arnott's Chat was pleasantly common, pairs of Groundscraper Thrush flushed from the roadside, and noisy Bearded

Woodpeckers were seen briefly. As we entered the Kafue National Park, we started encountering some incredible mammals too. This included a large breeding herd of African Elephant, hundreds of Impala, two small herds of the rare Sable Antelope, Hartebeest, Plain's Zebra, some distant Common Wildebeest, and good numbers of the majestic 'Defassa' Waterbuck. Not forgetting the birds, the park also delivered several Coppery-tailed and Senegal Coucals, a pair of endangered Wattled Cranes, many Southern Red-billed Hornbills, loose colonies of White-browed Sparrow-Weavers, and some quick Crested Barbets. The top prize was a small flock of Black-cheeked Lovebird – Zambia's second endemic bird species – attending a drinking pool. We arrived at our incredible lodge at dusk, where we were treated to a rare Honey Badger sighting. Following a homely dinner we took a short walk around camp, adding African Scops Owl and African Barred Owlet in the parking area, followed by a quick night drive that produced Common Duiker, Springhare, a surprise Four-toed Sengi, and a handful more Fiery-necked Nightjars. Content with our day's success, we retired for the evening to a chorus of African night sounds.



**Arnott's Chat by Daniel Keith
Danckwerts**

The following morning started with a short walk around the grounds of our lodge. Here we found our first Grey-headed Bushshrike, another calling African Barred Owlet, and a single Natal Spurfowl. The beautiful songs of White-browed Robin-Chats echoed all around us, as if to celebrate the new day and to share in the excitement that we all felt. We then loaded up and began the extended game drive towards the central regions of the Kafue National Park. Soon after leaving, we stopped to watch a family group of Wattled Crane (including a very young chick!) as they foraged through an extensive wetland. It was in these



Black-cheeked Lovebird by David Hoddinott

moments that Tin also spotted a hunting Serval, which kept our attention for well over an hour, as raucous pairs of Brown-necked Parrot flew overhead. Luapula Cisticola was pulled from the sedges in times when the Serval disappeared from view, and a Greater Honeyguide called incessantly behind us in an attempt to draw us in the direction of an active beehive. Some gigantic Coppery-tailed Coucals also boomed from the swamp; while a smaller Senegal Coucal perched up high to catch the early morning rays of sunlight.

Moving onwards, several small flocks of Black-cheeked Lovebird flew overhead. It took some time, but we eventually found a perched party besides a drinking pool where we had more satisfactory views. Alarming Helmeted Guineafowls alerted us to a soaring pair of African Hawk-Eagles, and Long-crested and Martial Eagles were perched nearby. The woodlands produced Arnott's Chat, the intricately patterned Crested Barbet, White-browed Sparrow-Weavers, Brubru, a quick Golden-tailed Woodpecker, and a covey of Coqui Francolin that slowly crept off the edge of the road. Mammals were also evident throughout the morning, including Plain's Zebra, Puku, Hartebeest, Smith's Bush Squirrel, Chacma Baboon, Oribi, and Southern Reedbuck.



Miombo Blue-eared Starling by Daniel Keith Danckwerts

By noon, we had approached the extensive Lake Itzhi-tezhi, which feeds a hydroelectric plant further downstream. Here we found African Fish Eagle, Western Osprey, Common Greenshank, African Darter, Grey Heron, Saddle-billed Stork, Malachite and Pied Kingfishers, and African Jacana. A few Hippopotami were also lazing about on the shore, offering our best views yet; while a mixed kettle of vultures soared overhead. Several of these birds were landing nearby, but we can only speculate as to whether there was a predator kill site. A covey of Crested Guineafowl was spotted in the lakeside thickets together with a Bushbuck, and a heard of African Elephants moved near the water as they drank. Things then grew slow in the heat of the day, though several White-headed Vultures soared



Cassin's Flycatcher by Daniel Keith Danckwerts

past. Wattled Starlings – a generally nomadic species that is sometimes difficult to pin down – and Mosque Swallows were found following a small herd of Puku, presumably catching any insects they flushed up. By the late afternoon, we had reached our luxurious lodge, on the banks of the Kafue River, where we spent the evening being serenaded to sleep by laughing Spotted Hyaenas and purring African Barred Owlets.

We met for a 5:45am breakfast on the sixth day of our tour, following which we took a short walk around the lodge. Several Schalow's Turaco were calling from the riparian vegetation at the bottom edge of the campgrounds, and everyone so desired to see this magical species. It didn't take long before the pair were perched up in the dawn light, leaving us all drooling and affording us enough time to study every feather and detail. The colour combinations and long flimsy crest were sublime! *Given our most incredible sighting, it was no surprise that this species was selected as the top bird of the trip!* We then left the central Kafue National Park and headed towards the small town of Mumbwa. A large

brown eagle perched roadside was identified as a Tawny Eagle; while troops of Yellow Baboons strategically moved across the road. Crossing back into the Kafue National Park, this time to the northernmost section, we spotted our first Violet-backed Starlings, several Bateleurs, Lizard Buzzard, a handful of Crowned Hornbills, and noisy Meyer's Parrots. A small seasonal pan also hosted a pair of Wattled Cranes, our only Knob-billed Ducks of the tour, Grey Heron, African Jacana, and Great Egret.

Riverside vegetation around the pontoon over the Lubungu River delivered a small flock of Brown Firefinch, the emerald-green Klaas's Cuckoo, a Grey Tit-Flycatcher singing its almost inaudible song, White-browed Scrub Robin, Ashy Flycatcher, Brubru, and some flushed Water Thick-knees. We arrived at our lodge with enough time to spare for a late afternoon walk, followed by a quick drive.



Leopard by Daniel Keith Danckwerts

Much to our excitement, a Leopard was spotted walking beside the river, and we enjoyed prolonged views as he marked territory and totally ignored the alarm calls of the abundant Puku. In terms of the birds, we found our first melodic Miombo Scrub Robin, a pair of confiding Familiar Chat, the jewel-like Collared Sunbird, a pair of Chinspot Batis, Golden-tailed Woodpecker, noisy flocks of Trumpeter Hornbills, Common Scimitarbill, and Swallow-tailed Bee-eater. A bit of spotlighting on the way back in from our drive also yielded Southern Lesser Galago, albeit at quite a distance. To end this absolutely incredible day, we enjoyed some spectacular South African-style hospitality and a truly scrumptious dinner.



Crowned Eagle by Daniel Keith Danckwerts

The plan was then to drive to the town of Mutanda, where we hoped to spend the following evening; however, miraculous vehicle issues put a figurative spanner in the works! We therefore decided to spend yet another night in the north of Kafue National Park, which for many reasons worked out in our best interests. The morning, spent in some mature miombo woodland, proved incredibly productive, and we saw Rufous-bellied Tit, Arnott's Chat, Grey Penduline Tits, active groups of Green-capped Eremomalas, a pair of White-breasted Cuckooshrikes, Wood Pipits, a

glorious Böhm's Flycatcher, and some loud Stierling's Wren-Warblers for a lucky few. The floodplain area delivered a small flock of the much-desired Böhm's Bee-eater, a pair of Striped Kingfishers, Schalow's Turaco, the sapphire-like Greater Blue-eared Starling, and flocks of non-breeding White-

winged Widowbirds. Mammals were also a notable part of the day, including Impala, Puku, Waterbuck, Greater Kudu, Common Warthog, Banded Mongoose, and several boisterous African Elephants. Hooded and White-headed Vultures soared overhead, following the pride of lions that had recently been active in the area, though our afternoon efforts to find said felines was unsuccessful. A Crowned Eagle at the nest was a magnificent consolation prize! We also took the opportunity to admire some incredible natural hotsprings, the water contained in which easily exceeded 100°C in temperature. Our host for the evening finally cooked up another delicious meal, and we enjoyed an early night in preparation for the long day ahead.



Gorgeous Bushshrike by Daniel Keith Danckwerts

The following day was the longest travel day of the trip, amounting to about 12 hours of straight driving. However, a quick break in the woodlands surrounding the town of

Kasempa delivered White-crested Helmetshrike, Pale-billed Hornbill, Miombo Wren-Warbler, Green-capped Eremomelas, Lanner Falcon, a single Bennett's Woodpecker, and Böhm's Spinetail. Our lunch break was then at the Mutanda Falls, which is little more than a small set of rapids, but the lush riverine vegetation here produced a noisy flock of Grey-olive Greenbuls, the drab Olive Sunbird, beautiful White-chinned Prinias, our first Blue-spotted Wood Dove of the trip, and a confiding Cassin's Flycatcher. Nearer the village of Lumwana, we stopped to observe a cloud of Red-throated Cliff Swallows at one of the few breeding sites in Zambia. We finally arrived in the town of Mwinilunga, exhausted but relieved to have caught up with our tight schedule following the unexpected vehicle malfunction.



Grimwood's Longclaw by Daniel Keith Danckwerts

incredible show with over 5 minutes of totally unobstructed views! African Broadbill was also seen somersaulting from a low perch, in a territorial display, offering walk-away views. These woodlands also delivered an especially confiding Dark Chanting Goshawk and a handful of Southern Ground Hornbills.

Many of us awoke well before our alarms, excited about what the next few days had in store. Mwinilunga, and its surrounding sites, certainly offer top class and exciting birding prospects, and the area has recently become the focus of great ornithological interest. First on the cards was a day trip down to the *Cryptocephalum* woodlands, some 100km to the south of Mwinilunga. Our two key targets, the difficult Margaret's Batis and highly-secretive but indescribably beautiful Gorgeous (Perrin's) Bushshrike, were easily found. The bushshrikes, in particular, put on the most

We then headed slowly back towards Mwinilunga, seeing a number of Grey-headed Kingfishers, Black-headed Orioles, Bateleurs, and Violet-backed Starlings en route.

From Mwinilunga, we headed northeast towards the Kalwelwa Forest district, on the border of the Democratic Republic of Congo, where we spent the next two full days. The forests were absolutely alive with bird activity, and we easily found Blue Malkoha, Splendid Starling, Bannerman's and Variable Sunbirds, Blue-breasted and White-bellied Kingfishers, Narina Trogon, African Broadbill, three species of forest pigeon (Western Bronzetailed, African Olive, and Afep), Cabanis's Greenbuls, Brown-headed Apalis, noisy groups of Yellow-throated Leaflove, Least Honeyguide, incomparable Ross's Turacos, White-chinned Prinia, Red-chested and Klaas's Cuckoos, Black Saw-wing, African Thrush, Yellow-rumped Tinkerbird, and nesting Dark-backed Weavers. As is the nature of forest birding, some species were only heard. These included Fraser's Rufous Thrush, the incredibly shy and secretive Spotted Thrush-Babbler, Shining-blue Kingfisher, a frustrating pair of White-spotted Flufftails, Olive Long-tailed Cuckoo, Tambourine Dove, Black-fronted Bushshrike, and Laura's Woodland Warbler.



Blue-breasted Bee-eater by Daniel Keith Danckwerts



Angola Lark by Daniel Keith Danckwerts

The surrounding heath and grasslands delivered the odd Black-collared Bulbul, at least eight species of Cisticola (Dambo, Wing-snapping, Stout, Croaking, Short-winged, Levillant's, Chirping, and Pale-crowned), Moustached Grass Warbler, Fan-tailed Grassbird, small flocks of cute Fawn-breasted Waxbills, Marsh (Anchieta's) Tchagra, Marsh and Fan-tailed Widowbirds, Blue-breasted Bee-eaters, calling Red-chested Flufftails, the incredibly melodic Angolan Lark, and Fülleborn's, Rosy-throated and Grimwood's Longclaws. A real

highlight for all was seeing large numbers of birds-of-prey moving over the grasslands, some of which were presumably on their southbound migrations, including Yellow-billed Kites, Wahlberg's Eagles, all three Snake Eagles, a single quick grey-type Kestrel, and a pair of African Cuckoo-Hawk. Areas of woodland and secondary growth contained Tinkling Cisticola, Red-throated Wryneck, Red-capped Crombec, White-browed Scrub Robins, and Cabanis's Bunting. Three of our most interesting records of the tour also came from this area: a 'Forest'-type White-eye, a potential 'Black-shouldered' Nightjar,

and a what may constitute an undescribed species of Pipit (see comments in final species list). Night activities in the area delivered both Swamp Nightjar and a Verreaux's Eagle-Owl; while the calls of a lone African Wood Owl sounded through each night.

Our time in this incredible area unfortunately then had to come to an end, and we began the long eastward journey towards our next destination. A quick break, before we reached the town of Mwinilunga, produced a wonderful pair of Whistling Cisticola – taking our list of cisticolas to an incredible 15 species for the tour thus far! A second grey-type kestrel then flew overhead, but was (again!) frustratingly too brief to confirm an identification. The remainder of the day was spent travelling, though our quick lunch break near the village of Lumwana delivered a glorious male Purple-throated Cuckooshrike, obviously displaying its iridescent plumage, and a pair of Black-backed Barbets. Fewer Red-throated Cliff Swallows were seen under the bridge on this day, presumably because the rest were out foraging. We finally arrived in the town of Solwesi, where we spent the evening as a half-way stop en route to Forest Inn.

We left early the following morning, as we still had quite a distance to cover and there was an important birding stop along the way. As we loaded up, a party of three noisy Yellow-throated Leafloves arrived to bid us farewell. The Chimfunshi Wildlife Sanctuary, one of the largest and oldest Chimpanzee rehabilitation centres in the world, was then a valuable and appreciated break from the driving, though we unfortunately never had the opportunity to visit the animals. From a birding perspective, this site is one of the best places in the world to see the scarce and much-desired Sharp-tailed Starling. A quick drive along the entrance road yielded a small group of these incredible birds, one



**African Spotted Creeper by Daniel
Keith Danckwerts**



Variable Sunbird by Daniel Keith Danckwerts

of which perched at length displaying its long graduated tail, red eye, and oily-green plumage. Other distractions included a single Miombo Blue-eared Starling, Red-headed Weavers, a handful of Meyer's Parrots, and a pair of drab Wood Pipits.

We continued through the industrial Copperbelt Province of Zambia, where much of the country's mining activity takes place, and eventually arrived at Forest Inn with sufficient time for an afternoon walk. Here we encountered an incredible mixed foraging

flock containing the unbelievably camouflaged African Spotted Creeper, a party of beautiful Black-collared Eremomelas, the aptly named Trilling Cisticola, a female Shelley's Sunbird, Golden-tailed Woodpecker, a pair of wonderful Chinspot Batis, Rufous-bellied and our first Miombo Tits, a quick and unresponsive Stierling's Wren-Warbler, both Yellow-bellied and Southern Hyliotas, and Yellow-fronted Canary. We settled in for the evening, enjoying a wonderful dinner in the restaurant, and then a brave few embarked on a night walk that delivered a calling African Wood Owl.

The following day began with yet another walk through the mature miombo woodlands that surround Forest Inn. We once again located an active bird party, containing a single Southern Hyliota, several striking Yellow-breasted Apalises, an incandescent male Red-headed Weaver at his nest, several drab Yellow-throated Petronias, a confiding Stierling's Wren-Warbler (*finally!*), Trilling Cisticola, Red-capped Crombec, a pair of wonderful White-breasted Cuckooshrikes, Golden-breasted Bunting, Brown-backed Honeybird, and a small flock of Crowned Hornbills. It was an awesome addition to also see a female Chinspot Batis on her little cup nest, positioned just below the canopy, as well as the unique nest of a small family group of Grey Penduline Tits. In a more open area of woodland, bordering some grassland, we then found an incredible pair of Souza's Shrike, at least three Capped Wheatears, some quick Grey-rumped Swallows, and the much-desired Chestnut-backed Sparrow-Weaver near its nesting colony. We then left Forest Inn, continuing north towards the well-known Mutinondo Wilderness – our destination for the next two nights and the final site we'd visit on the tour. An Augur Buzzard on the drive was a welcomed addition to our list, as it was seen soaring low over the road.



Cabanis's Bunting by Daniel Keith Danckwerts



Souza's Shrike by Daniel Keith Danckwerts

As always, Mutinondo delivered some superb species. Our time here was divided among patches of gallery forest (known locally as *mushitu*), seasonally inundated grasslands (known locally as *dambos*), and the extensive tracts of moss-laden miombo woodland. Sunbirds were ever-present in all these habitats, and we managed Western Violet-backed, Anchieta's, Scarlet-chested, Variable, Copper, Amethyst, and both Eastern and Western Miombo. The latter may represent an undescribed form distinguished by its harsher song, a different breeding

behaviour, a favouritism towards stunted woodlands nearer the base of the granite inselbergs that dominate this landscape, the shorter bill, and its overall stouter body structure. The time in the multi-coloured woodlands also yielded both Southern and Yellow-bellied Hyliotas, Cabanis's Bunting, a nesting Red-capped Crombec, abundant Reichard's Seedeaters, Wood Pipits, the monotonous Stierling's Wren-Warbler, Green-capped Eremomala, Long-tailed and Trilling Cisticolas, Rufous-bellied Tit, Scaly-throated and Greater Honeyguides, a pair of busy White-tailed Blue Flycatchers, African Dusky Flycatcher, much-anticipated views of the striking Green-backed Woodpecker, both Retz's and White-crested Helmetshrikes, and Common Scimitarbill. Our main quarry, the tricky Bar-winged Weaver, was unfortunately nowhere to be found despite all our best efforts and perseverance through the heat of the day. The forests on the property delivered a quick pair of White-tailed Crested Flycatchers and Grey-olive Greenbuls, though calling Laura's Woodland Warblers and Bocage's Akalats proved totally unresponsive, and both species simply refused to come into view. The dambos produced calling Chestnut-headed Flufftails (one of Africa's most difficult birds to actually see), a melodic Moustached Grass Warbler, Marsh (Anchieta's) Tchagra, Croaking Cisticola, and Sooty Chat.



Lilac-breasted Roller by Daniel Keith Danckwerts

It's sad that all things must then come to an end, and we left Mutinondo for Zambia's capital city – Lusaka. This long drive took us through one of the country's main commercial farming areas, in which we saw several flocks of nonbreeding White-winged Widowbirds, many Lilac-breasted Rollers, a Brown Snake Eagle, and a handful of White-backed Vultures. It was also wonderful to see a small herd of Sable Antelope as we neared the airport. It was here that we unfortunately had to bid each other farewell, as we caught our return flights home.

On behalf of Daniel, Leslie, Gift and Rockjumper Birding Tours – a huge thank you must be given to the clients of this trip for their wonderful company, determination, and support.

Annotated List of species recorded

Note: Number in brackets () indicate number of days on the tour the species was recorded.
List powered through the report generator of our partner iGoTerra.

Birds (375 in total: 355 seen, 20 heard)

Nomenclature and taxonomy follows Gill, F and D Donsker (Eds). 2018. IOC World Bird List (v 8.1).

Status codes: E = Endemic, NE = Near-endemic, I = Introduced

IUCN codes: CR = Critically endangered, EN = Endangered, VU = Vulnerable, EW = Extinct in the Wild, NT = Near Threatened, DD = Data Deficient

Ducks, Geese & Swans *Anatidae*

- White-faced Whistling Duck** *Dendrocygna viduata*
(2) 15 Livingstone 21.8 and 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.
- Spur-winged Goose** *Plectropterus gambensis gambensis*
(2) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 1 Kalwelwa Forest 30.8.
- Knob-billed Duck** *Sarkidiornis melanotos*
(1) 2 Kafue NP - north 26.8.
- Egyptian Goose** *Alopochen aegyptiaca*
(4) 1 Livingstone 21.8, 1 Nkanga River Conservancy 23.8, 2 Kafue Flats 24.8 and 4 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.
- Yellow-billed Duck** *Anas undulata undulata*
(1) 1 Kafue Flats 24.8.
- Red-billed Teal** *Anas erythrorhyncha*
(2) 13 Nkanga River Conservancy 23.8 and 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Guineafowl *Numididae*

- Helmeted Guineafowl** *Numida meleagris*
(8) 3 heard Livingstone 21.8, 25+6 heard Bantron Farm 22.8, 50 Nkanga River Conservancy 23.8, 5+15 heard Choma 24.8, 10+25 heard Kafue NP--Nanzhila Plains 25.8, 5 Kafue NP - Leopard Lodge 26.8, 10 Kasempe 28.8 and 10 Lusaka 5.9.
- Crested Guineafowl** *Guttera pucherani edouardi*
(1) 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Pheasants, Grouse, and Allies *Phasianidae*

- Coqui Francolin** *Peliperdix coqui coqui*
(2) 1 heard Nkanga River Conservancy 23.8 and 3 Kafue NP - south 25.8.
- Shelley's Francolin** *Scleroptila shelleyi whytei*
(1) 2 Bantron Farm 22.8.
- Natal Spurfowl** *Pternistis natalensis neavei*
(4) 2 heard Livingstone 21.8, 2 Livingstone 22.8, 1 Kafue NP--Nanzhila Plains 24.8 and 1 Kafue NP--Nanzhila Plains 25.8.
- Red-necked Spurfowl** *Pternistis afer cranchii*
(6) 1 heard Nkanga River Conservancy 23.8, 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, up to 3 Kafue NP - Leopard Lodge 26-28.8 and 3 heard Mutinondo Wilderness 4.9.
- Swainson's Spurfowl** *Pternistis swainsonii swainsonii*

(4) 15 Bantron Farm 22.8, 20 Nkanga River Conservancy 23.8, 25+5 heard Kafue NP - south 24.8 and 10 Kafue NP - south 25.8.

Grebes *Podicipedidae*

Little Grebe *Tachybaptus ruficollis capensis*
(2) 1 Bantron Farm 22.8 and 2 Nkanga River Conservancy 23.8.

Storks *Ciconiidae*

Yellow-billed Stork *Mycteria ibis*
(2) 2 Nkanga River Conservancy 23.8 and 1 Kafue Flats 24.8.
Saddle-billed Stork *Ephippiorhynchus senegalensis*
(3) 5 Kafue Flats 24.8, 7 Kafue NP - south 25.8 and 2 Kafue NP - north 26.8.
Marabou Stork *Leptoptilos crumenifer*
(2) 1 Kafue Flats 24.8 and 2 Kafue NP--Nanzhila Plains 25.8.

Ibises, Spoonbills *Threskiornithidae*

African Sacred Ibis *Threskiornis aethiopicus*
(4) 50 Livingstone 21.8, 5 Livingstone 22.8, 6 Kafue Flats 24.8 and 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.
Hadada Ibis *Bostrychia hagedash brevirostris*
(6) 6 Livingstone 21.8, 4 Livingstone 22.8, 3 heard Kafue NP--Nanzhila Plains 24.8 and up to 1 Kafue NP - Leopard Lodge 26-28.8.
Glossy Ibis *Plegadis falcinellus*
(1) 4 Livingstone 21.8.
African Spoonbill *Platalea alba*
(1) 1 Kafue Flats 24.8.

Hérons, Egrets, and Bitterns *Ardeidae*

Striated Heron *Butorides striata atricapilla*
(6) 2 Livingstone 21.8, 2 Livingstone 22.8, 1 Nkanga River Conservancy 23.8, 1 Kafue NP - Leopard Lodge 27.8, 1 Kafue NP - Leopard Lodge 28.8 and 1 Mutinondo Wilderness 4.9.
Squacco Heron *Ardeola ralloides*
(2) 2 Livingstone 21.8 and 5 Kafue Flats 24.8.
Rufous-bellied Heron *Ardeola rufiventris*
(3) 10 Nkanga River Conservancy 23.8, 1 Kafue Flats 24.8 and 1 Kafue NP--Nanzhila Plains 25.8.
Western Cattle Egret *Bubulcus ibis*
(5) 100 Livingstone 21.8, 40 Livingstone 22.8, 10 Nkanga River Conservancy 23.8, 25+4 heard Kafue Flats 24.8 and 15 Lusaka 5.9.
Grey Heron *Ardea cinerea cinerea*
(5) 10 Livingstone 21.8, 1 Nkanga River Conservancy 23.8, 1 Kafue Flats 24.8, 10 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 1 Kafue NP - north 26.8.
Black-headed Heron *Ardea melanocephala*
(3) 10 Livingstone 21.8, 1 Livingstone 22.8 and 1 Lusaka 5.9.
Goliath Heron *Ardea goliath*
(1) 1 Bantron Farm 22.8.
Great Egret *Ardea alba melanorhynchos*
(5) 1 Bantron Farm 22.8, 1 Nkanga River Conservancy 23.8, 4 Kafue Flats 24.8, 5+2 heard Kafue NP - south 25.8 and 1 Kafue NP - north 26.8.

Intermediate Egret*Ardea intermedia brachyrhyncha*

(1) 2 Kafue Flats 24.8.

Little Egret*Egretta garzetta garzetta*

(3) 1 Bantron Farm 22.8, 3 Kafue Flats 24.8 and 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Hamerkop Scopidae**Hamerkop***Scopus umbretta umbretta*

(6) 1 Livingstone 21.8, 1 Nkanga River Conservancy 23.8, 2+4 heard Kafue NP--Nanzhila Plains 24.8, 2+1 heard Kafue NP - south 25.8, 1+2 heard Kafue NP - Leopard Lodge 26.8 and 1 Kafue NP - Leopard Lodge 27.8.

Cormorants and Shags Phalacrocoracidae**Reed Cormorant***Microcarbo africanus africanus*

(6) 100 Livingstone 22.8, 2 Nkanga River Conservancy 23.8, 2 Kafue Flats 24.8, 6 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 4 Kafue NP - north 26.8 and 1 Kafue NP - Leopard Lodge 27.8.

White-breasted Cormorant*Phalacrocorax lucidus*

(4) 3 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and up to 9 Kafue NP - Leopard Lodge 26-28.8.

Anhingas Anhingidae**African Darter***Anhinga rufa rufa*

(2) 4 Livingstone 22.8 and 1 Kafue NP - Leopard Lodge 27.8.

Osprey Pandionidae**Western Osprey***Pandion haliaetus haliaetus*

(1) 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Kites, Hawks & Eagles Accipitridae**Black-winged Kite***Elanus caeruleus caeruleus*

(1) 1 Kalwelwa Forest 31.8.

African Harrier-Hawk*Polyboroides typus typus*

(3) 1 Kafue NP - Leopard Lodge 26.8, 2 Kafue NP - Leopard Lodge 27.8 and 1 Mwinilunga 29.8.

African Cuckoo-Hawk*Aviceda cuculoides verreauxii*

(2) 1 Bantron Farm 22.8 and 2 Kalwelwa Forest 31.8.

Hooded Vulture (EN)*Necrosyrtes monachus*

(1) 1 Kafue NP - Leopard Lodge 27.8.

White-backed Vulture (NT)*Gyps africanus*

(5) 3 Nkanga River Conservancy 23.8, 10 Kafue NP - south 25.8, 10 Kafue NP - north 26.8, 12 Kafue NP - Leopard Lodge 27.8 and 5 Lusaka 5.9.

White-headed Vulture (VU)*Trigonoceps occipitalis*

(2) 3 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 1 Kafue NP - Leopard Lodge 27.8.

Lappet-faced Vulture (VU)*Torgos tracheliotos tracheliotos*

(2) 1 Livingstone 21.8 and 1+1 heard Kafue NP--Nanzhila Plains 25.8.

Black-chested Snake Eagle*Circaetus pectoralis*

(3) 1 Kalwelwa Forest 30.8, 2 Kalwelwa Forest 31.8 and 1 Forest Inn, SW of Mkushi 3.9.

Brown Snake Eagle*Circaetus cinereus*

(8) 1 Bantron Farm 22.8, 2 Nkanga River Conservancy 23.8, 5 Kafue Flats 24.8, 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Kasempe 28.8, 1 Kalwelwa Forest 31.8, 1 Forest Inn, SW of Mkushi 2.9 and 1 Lusaka 5.9.

Western Banded Snake Eagle *Circaetus cinerascens*

(2) 1 Kafue NP - Leopard Lodge 27.8 and 1 heard Kalwelwa Forest 31.8.

Bateleur (NT) *Terathopius ecaudatus*

(9) 3 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, up to 6 Kafue NP - north 26-27.8, 4 Kasempe 28.8, 2 Mwinilunga 29.8, 2 Kalwelwa Forest 30.8, 2 Kalwelwa Forest 31.8, 3 Solwezi 1.9 and 1 Lusaka 5.9.

Crowned Eagle (NT) *Stephanoaetus coronatus*

(2) 1 heard Nkanga River Conservancy 23.8 and 1 Kafue NP - Leopard Lodge 27.8.

What an incredible sighting! A magnificent adult was perched beside its nest, offering prolonged scope views.

Martial Eagle (NT) *Polemaetus bellicosus*

(2) 1 Kafue NP--Nanzhila Plains 25.8 and 1 Mutinondo Wilderness 4.9.

Long-crested Eagle *Lophaetus occipitalis*

(1) 1 Kafue NP--Nanzhila Plains 25.8.

Wahlberg's Eagle *Hieraaetus wahlbergi*

(4) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 2 Kalwelwa Forest 31.8, 1 Solwezi 1.9 and 1 Mutinondo Wilderness 3.9.

Tawny Eagle *Aquila rapax rapax*

(1) 1 Kafue NP - north 26.8.

African Hawk-Eagle *Aquila spilogaster*

(4) 2 Kafue NP - south 25.8, 2 Kafue NP - Leopard Lodge 27.8, 1 Kasempe 28.8 and 1 Mwinilunga 29.8.

Lizard Buzzard *Kaupifalco monogrammicus meridionalis*

(9) 1 Livingstone 21.8, 3 Bantron Farm 22.8, 1 Nkanga River Conservancy 23.8, 1 Namwala 24.8, 4 Kafue NP - north 26.8, 2 Mutanda 28.8, 1 Mwinilunga - Cryptosephalum woodlands 29.8, 1 Kalwelwa Forest 31.8 and 1 Lusaka 5.9.

Dark Chanting Goshawk *Melierax metabates mehowi*

(3) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Mwinilunga - Cryptosephalum woodlands 29.8 and 1 Forest Inn, SW of Mkushi 2.9.

African Goshawk *Accipiter tachiro sparsifasciatus*

(5) 1 Kafue NP--Nanzhila Plains 25.8, 1 Kafue NP - north 26.8, 1 Mwinilunga 1.9, 1 Solwezi 2.9 and 1 Mutinondo Wilderness 4.9.

Shikra *Accipiter badius polyzonoides*

(1) 1 Kasempe 28.8.

Little Sparrowhawk *Accipiter minullus minullus*

(3) 1 Livingstone 21.8, 1 Nkanga River Conservancy 23.8 and 1 Kafue NP - north 26.8.

African Marsh Harrier *Circus ranivorus*

(2) 2 Kalwelwa Forest 30.8 and 2 Kalwelwa Forest 31.8.

Yellow-billed Kite *Milvus aegyptius parasitus*

(13) 1 Livingstone 21.8, 1 Nkanga River Conservancy 23.8, 1 Namwala 24.8, 1+2 heard Kafue NP - south 25.8, 5 Kafue NP - north 26.8, 5 Kafue NP - Leopard Lodge 27.8, 4 Mutanda 28.8, 2 Mwinilunga - Cryptosephalum woodlands 29.8, 3 Kalwelwa Forest 30.8, 2 Kalwelwa Forest 31.8, 11 Solwezi 2.9 and 3 Lusaka 5.9.

African Fish Eagle *Haliaeetus vocifer*

(6) 2 Livingstone 21.8, 1 Nkanga River Conservancy 23.8, 3+1 heard Kafue Flats 24.8, 10+2 heard Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 2 Kafue NP - Leopard Lodge 26.8 and 2 Kafue NP - Leopard Lodge 27.8.

Augur Buzzard*Buteo augur*

(1) 1 Mutinondo Wilderness 3.9.

Flufftails *Sarothruridae***White-spotted Flufftail***Sarothrura pulchra centralis*

(2) 2 heard Kalwelwa Forest 30.8 and 1 heard Kalwelwa Forest 31.8.

Red-chested Flufftail*Sarothrura rufa elizabethae*

(2) 1 heard Kalwelwa Forest 30.8 and 4 heard Kalwelwa Forest 31.8.

Chestnut-headed Flufftail*Sarothrura lugens lynesii*

(1) 1 heard Mutinondo Wilderness 4.9.

Even hearing this rare and little-known species was special!

Rails, Crakes & Coots *Rallidae***African Rail***Rallus caerulescens*

(1) 1 Nkanga River Conservancy 23.8.

Black Crake*Amaurornis flavirostris*

(2) 3 Livingstone 21.8 and 8 Nkanga River Conservancy 23.8.

African Swamphen*Porphyrio madagascariensis*

(1) 50 Livingstone 21.8.

Common Moorhen*Gallinula chloropus meridionalis*

(3) 12 Livingstone 21.8, 3 Bantron Farm 22.8 and 12 Nkanga River Conservancy 23.8.

Cranes *Gruidae***Wattled Crane***Grus carunculata*

(3) 2 Kafue NP--Nanzhila Plains 24.8, 3 Kafue NP--Nanzhila Plains 25.8 and 3 Kafue NP - north 26.8.

Buttonquails *Turnicidae***Common Buttonquail***Turnix sylvaticus lepurana*

(2) 2 Kafue Flats 24.8 and 1+1 heard Forest Inn, SW of Mkushi 3.9.

Thick-knees *Burhinidae***Water Thick-knee***Burhinus vermiculatus vermiculatus*

(4) 1 heard Livingstone 21.8, 2+2 heard Kafue NP - north 26.8, 2 heard Kafue NP - Leopard Lodge 27.8 and 1 heard Kafue NP - Leopard Lodge 28.8.

Stilts and Avocets *Recurvirostridae***Black-winged Stilt***Himantopus himantopus*

(3) 2 Kafue Flats 24.8, 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 2 Kafue NP - north 26.8.

Plovers and Lapwings *Charadriidae***Long-toed Lapwing***Vanellus crassirostris leucopterus*

(1) 3 Livingstone 21.8.

Blacksmith Lapwing*Vanellus armatus*

(6) 15 Livingstone 21.8, 3 Nkanga River Conservancy 23.8, 4 Kafue Flats 24.8, 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Kafue NP - north 26.8 and 5 Lusaka 5.9.

White-crowned Lapwing *Vanellus albiceps*

(1) 6 Livingstone 21.8.

Crowned Lapwing *Vanellus coronatus coronatus*

(3) 3 Choma 24.8, 2 Kafue NP - south 25.8 and 2 Lusaka 5.9.

African Wattled Lapwing *Vanellus senegallus lateralis*

(6) 6 Bantron Farm 22.8, 3 Nkanga River Conservancy 23.8, 6 Namwala 24.8, 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 2 Kafue NP - Leopard Lodge 27.8 and 1 Kalwelwa Forest 29.8.

Three-banded Plover *Charadrius tricollaris tricollaris*

(1) 2 Nkanga River Conservancy 23.8.

Jacanas Jacanidae

Lesser Jacana *Microparra capensis*

(1) 2 Nkanga River Conservancy 23.8.

African Jacana *Actophilornis africanus*

(6) 100 Livingstone 21.8, 2 Bantron Farm 22.8, 6 Nkanga River Conservancy 23.8, 5 Kafue Flats 24.8, 4 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 3 Kafue NP - north 26.8.

Sandpipers and Allies Scolopacidae

Ruff *Calidris pugnax*

(1) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Little Stint *Calidris minuta*

(1) 1 Nkanga River Conservancy 23.8.

African Snipe *Gallinago nigripennis angolensis*

(1) 2 heard Kalwelwa Forest 30.8.

Common Sandpiper *Actitis hypoleucos*

(3) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Kafue NP - Leopard Lodge 27.8 and 1 Kafue NP - Leopard Lodge 28.8.

Wood Sandpiper *Tringa glareola*

(3) 5 Livingstone 21.8, 4 Nkanga River Conservancy 23.8 and 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Common Greenshank *Tringa nebularia*

(2) 3 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 1 Kafue NP - Leopard Lodge 27.8.

Pratincoles and Coursers Glareolidae

Collared Pratincole *Glareola pratincola fuelleborni*

(2) 2 Kalwelwa Forest 30.8 and 2 Kalwelwa Forest 31.8.

Pigeons and Doves Columbidae

Rock Dove *Columba livia var. domestica*

(4) 25 Livingstone 21.8, 5 Mutanda 28.8, 28 Solwezi 2.9 and 10 Lusaka 5.9.

Speckled Pigeon *Columba guinea*

(1) 4 Choma 24.8.

Afep Pigeon *Columba uncinata*

(3) Up to 15 Kalwelwa Forest 30-1.9.

African Olive Pigeon *Columba arquatrix*

(1) 1 Kalwelwa Forest 31.8.

Western Bronze-naped Pigeon*Columba iriditorques*

(3) Up to 5 Kalwelwa Forest 30-1.9.

Finally, prolonged scope views of a singleton perched above the forest canopy.

Red-eyed Dove*Streptopelia semitorquata*

(14) 10 Livingstone 21.8, 12+6 heard Bantron Farm 22.8, 12 Nkanga River Conservancy 23.8, 1 Kafue NP - south 25.8, 2+1 heard Kafue NP - north 26.8, 1 heard Kafue NP - Leopard Lodge 27.8, 2 Mutanda 28.8, 4 Mwinilunga - Cryptosephalum woodlands 29.8, 5 Kalwelwa Forest 30.8, 5 Kalwelwa Forest 31.8, 2 Forest Inn, SW of Mkushi 2.9, 2 Forest Inn, SW of Mkushi 3.9, 3 Mutinondo Wilderness 4.9 and 4 Lusaka 5.9.

Ring-necked Dove*Streptopelia capicola tropica*

(13) 4 Livingstone 21.8, 50+20 heard Bantron Farm 22.8, 50 Nkanga River Conservancy 23.8, up to 25 Kafue NP - south 24-25.8, up to 25 Kafue NP - north 26-27.8, 1 Kalwelwa Forest 31.8, 1 Forest Inn, SW of Mkushi 2.9, 1+1 heard Mutinondo Wilderness 3.9 and 6 Lusaka 5.9.

Laughing Dove*Spilopelia senegalensis senegalensis*

(4) Up to 5 Livingstone 21-22.8, 5 Nkanga River Conservancy 23.8 and 1 Kafue NP - south 24.8.

Emerald-spotted Wood Dove*Turtur chalcospilos*

(11) 12+5 heard Bantron Farm 22.8, 12 Nkanga River Conservancy 23.8, 15 Kafue NP - south 24.8, 15+10 heard Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 10 Kafue NP - north 26.8, 6 Kafue NP - Leopard Lodge 27.8, 4 Kasempe 28.8, 1 Forest Inn, SW of Mkushi 2.9 and up to 3 Mutinondo Wilderness 3-5.9.

Blue-spotted Wood Dove*Turtur afer*

(5) 1 Mutanda 28.8 and up to 3 Kalwelwa Forest 29-1.9.

Tambourine Dove*Turtur tympanistria*

(2) 1 heard Kalwelwa Forest 30.8 and 1 heard Kalwelwa Forest 31.8.

Namaqua Dove*Oena capensis capensis*

(6) 3 Livingstone 21.8, 2 Bantron Farm 22.8, 2 Bantron Farm 22.8, 1 Namwala 24.8, 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Kafue NP - north 26.8 and 2 Lusaka 5.9.

African Green Pigeon*Treron calvus*

(9) 2 heard Livingstone 21.8, 4 Livingstone 22.8, 4 Nkanga River Conservancy 23.8, 3 Namwala 24.8, 15 Kafue NP - south 25.8, 1 Kafue NP - Leopard Lodge 27.8, 1 Kalwelwa Forest 1.9, 1 Mutinondo Wilderness 3.9 and 2 Mutinondo Wilderness 4.9.

Turacos Musophagidae**Schalow's Turaco***Tauraco schalowi*

(8) 4 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 3 Kafue NP - north 26.8, 3 heard Kafue NP - north 27.8, up to 3 Kafue NP - north 26-26.8, 2 Kasempe 28.8, 2 Kasempe 28.8, 1 heard Mwinilunga 29.8 and up to 4 Kalwelwa Forest 30-1.9.

Ross's Turaco*Musophaga rossae*

(6) Up to 7 Kalwelwa Forest 29-1.9, 3 Mutinondo Wilderness 3.9 and 4 Mutinondo Wilderness 4.9. A most magnificent bird!

Grey Go-away-bird*Corythaixoides concolor*

(9) 2 Livingstone 21.8, 12 Bantron Farm 22.8, 12 Nkanga River Conservancy 23.8, 5+3 heard Kafue NP - south 24.8, 6 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 4 Kafue NP - north 26.8, 1 Kafue NP - Leopard Lodge 27.8, 3 Kasempe 28.8 and 2 Mwinilunga - Cryptosephalum woodlands 29.8.

Cuckoos Cuculidae**Senegal Coucal***Centropus senegalensis flecki*

(5) 1 heard Nkanga River Conservancy 23.8, 5 Kafue NP--Nanzhila Plains 24.8, 3 Kafue NP--Nanzhila Plains 25.8, 1 Kasempe 28.8 and 1 Mutinondo Wilderness 4.9.

Coppery-tailed Coucal *Centropus cupreicaudus cupreicaudus*

(6) 1 Kafue NP--Nanzhila Plains 24.8, 2 Kafue NP--Nanzhila Plains 25.8 and up to 3 Kalwelwa Forest 29-1.9.

White-browed Coucal *Centropus superciliosus loandae*

(1) 1 Livingstone 21.8.

Blue Malkoha *Ceuthmochares aereus aereus*

(3) Up to 2 Kalwelwa Forest 30-1.9.

Klaas's Cuckoo *Chrysococcyx klaas*

(6) 1 Kafue NP - north 26.8, 1 Kafue NP - Leopard Lodge 27.8, 1 heard Mutanda 28.8, 1 Mwinilunga - Cryptosephalum woodlands 29.8, 1 Kalwelwa Forest 30.8 and 1 heard Kalwelwa Forest 31.8.

Olive Long-tailed Cuckoo *Cercococcyx olivinus*

(1) 1 heard Kalwelwa Forest 31.8.

Black Cuckoo *Cuculus clamosus clamosus*

(1) 1 heard Mwinilunga - Cryptosephalum woodlands 29.8.

Red-chested Cuckoo *Cuculus solitarius*

(3) 1+1 heard Mwinilunga - Cryptosephalum woodlands 29.8, 2 Kalwelwa Forest 31.8 and 2 Mwinilunga 1.9.

African Cuckoo *Cuculus gularis*

(1) 1 Kalwelwa Forest 30.8.

Owls *Strigidae*

African Scops Owl *Otus senegalensis senegalensis*

(9) 1 heard Nkanga River Conservancy 23.8, 1 Kafue NP--Nanzhila Plains 24.8, 3 heard Kafue NP--Nanzhila Plains 25.8, up to 2 Kafue NP - Leopard Lodge 26-28.8, 1 heard Mwinilunga 29.8, 3 heard Mutinondo Wilderness 3.9 and 3 heard Mutinondo Wilderness 4.9.

Verreaux's Eagle-Owl *Bubo lacteus*

(2) 1 Kalwelwa Forest 30.8 and 1 heard Mutinondo Wilderness 3.9.

African Wood Owl *Strix woodfordii woodfordii*

(7) 2 Bantron Farm 22.8, 2 heard Kafue NP - Leopard Lodge 28.8, up to 1 Kalwelwa Forest 30-1.9, 1 heard Forest Inn, SW of Mkushi 2.9 and 1 heard Mutinondo Wilderness 4.9.

African Barred Owlet *Glaucidium capense ngamiense*

(7) Up to 1 Kafue NP--Nanzhila Plains 24-25.8, 3 heard Kafue NP - north 26.8, 1 heard Kafue NP - north 27.8, 1 heard Kafue NP - Leopard Lodge 28.8, 1 heard Mutinondo Wilderness 3.9 and 1 heard Mutinondo Wilderness 4.9.

Nightjars and Allies *Caprimulgidae*

Fiery-necked Nightjar *Caprimulgus pectoralis shelleyi*

(11) 10 Nkanga River Conservancy 23.8, 1 Kafue NP--Nanzhila Plains 24.8, 3 heard Kafue NP--Nanzhila Plains 25.8, up to 3 Kafue NP - Leopard Lodge 26-28.8, up to 1 Kalwelwa Forest 29-31.8, 2 heard Mutinondo Wilderness 3.9 and 2 Mutinondo Wilderness 4.9.

A probable 'Black-shouldered' Nightjar was seen along the edge of the Kalwelwa Forest, Mwinilunga, on 31-08-2018. The individual in question appeared small and dark, with white corners to the outer tail feathers. Birds calling in the area are also suspected to be this species.

Swamp Nightjar *Caprimulgus natalensis natalensis*

(4) Up to 3 Kalwelwa Forest 29-1.9.

Freckled Nightjar *Caprimulgus tristigma granosus*

(3) 1 heard Kafue NP - Leopard Lodge 26.8, 1 heard Mutinondo Wilderness 3.9 and 1 heard Mutinondo Wilderness 4.9.

Square-tailed Nightjar*Caprimulgus fossii welwitschii*

(3) 1 heard Kafue NP - north 26.8, 1 heard Mutinondo Wilderness 3.9 and 1 heard Mutinondo Wilderness 4.9.

Swifts Apodidae**Böhm's Spinetail***Neafrapus boehmi boehmi*

(1) 1 Kasempe 28.8.

African Palm Swift*Cypsiurus parvus*

(11) 30 Livingstone 21.8, 12+6 heard Bantron Farm 22.8, 12 Nkanga River Conservancy 23.8, 25+15 heard Kafue Flats 24.8, 15+15 heard Kafue NP - south 25.8, 15 Kafue NP - north 26.8, 5 Mutanda 28.8, 2 Mwinilunga 29.8, 15 Mwinilunga 1.9, 10 Solwezi 2.9 and 25 Lusaka 5.9.

African Black Swift*Apus barbatus hollidayi*

(1) 5 Livingstone 21.8.

Little Swift*Apus affinis*

(6) 20 Livingstone 21.8, 20 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 5 Kafue NP - north 26.8, 2 Mutanda 28.8, 200 Mwinilunga 1.9 and 25 Solwezi 2.9.

Horus Swift*Apus horus horus*

(1) 3 Livingstone 21.8.

White-rumped Swift*Apus caffer*

(3) 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 2 Mutanda 1.9 and 2 Solwezi 2.9.

Mousebirds Coliidae**Speckled Mousebird***Colius striatus*

(3) 5 Mwinilunga 29.8, 1 Kalwelwa Forest 30.8 and 5 Kalwelwa Forest 31.8.

Red-faced Mousebird*Urocolius indicus*

(5) 1 Livingstone 21.8, 6 Bantron Farm 22.8, 1 Namwala 24.8, 1 Solwezi 2.9 and 4 Lusaka 5.9.

Trogon Trogonidae**Narina Trogon***Apaloderma narina narina*

(3) Up to 3 Kalwelwa Forest 30-1.9.

Rollers Coraciidae**Racket-tailed Roller***Coracias spatulatus*

(3) 3 Bantron Farm 22.8, 1 Nkanga River Conservancy 23.8 and 1 Kafue NP - south 24.8.

Lilac-breasted Roller*Coracias caudatus caudatus*

(9) 5 Livingstone 21.8, 25+10 heard Bantron Farm 22.8, 25 Nkanga River Conservancy 23.8, up to 25 Kafue NP - south 24-25.8, 4 Kafue NP - north 26.8, 1 Kasempe 28.8, 1 Solwezi 2.9 and 3 Lusaka 5.9.

Broad-billed Roller*Eurystomus glaucurus suahelicus*

(1) 1 Kalwelwa Forest 31.8.

Guide only.

Kingfishers Alcedinidae**Grey-headed Kingfisher***Halcyon leucocephala pallidiventris*

(2) 1 Livingstone 21.8 and 3 Mwinilunga - Cryptosephalum woodlands 29.8.

Brown-hooded Kingfisher*Halcyon albiventris*

(8) 2 Livingstone 21.8, 1 heard Kafue NP--Nanzhila Plains 24.8, 1 heard Kafue NP--Nanzhila Plains 25.8, 1 Kafue NP - Leopard Lodge 26.8, 1 Kafue NP - Leopard Lodge 27.8, 1 heard Mwinilunga 1.9, 1 heard Mutinondo Wilderness 3.9 and 1 heard Mutinondo Wilderness 4.9.

Striped Kingfisher *Halcyon chelicuti chelicuti*

(3) 1 Bantron Farm 22.8, 1 heard Kafue NP - Leopard Lodge 26.8 and 2 Kafue NP - north 27.8.

Blue-breasted Kingfisher *Halcyon malimbica malimbica*

(3) Up to 2 Kalwelwa Forest 30-1.9.

White-bellied Kingfisher *Corythornis leucogaster leopoldi*

(1) 1 Kalwelwa Forest 30.8.

Malachite Kingfisher *Corythornis cristatus*

(4) 1 Nkanga River Conservancy 23.8, 1 Kafue Flats 24.8, 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 1 Kalwelwa Forest 31.8.

Shining-blue Kingfisher *Alcedo quadribrachys guentheri*

(2) 1 heard Kalwelwa Forest 30.8 and 1 heard Kalwelwa Forest 31.8.

Giant Kingfisher *Megaceryle maxima maxima*

(6) 1 heard Livingstone 21.8, 2 Nkanga River Conservancy 23.8, 1 Kafue NP - south 25.8 and up to 3 Kafue NP - Leopard Lodge 26-28.8.

Pied Kingfisher *Ceryle rudis rudis*

(7) 3 Livingstone 21.8, 1 Bantron Farm 22.8, 6 Nkanga River Conservancy 23.8, 5 Kafue NP--Nanzhila Plains 25.8 and up to 5 Kafue NP - Leopard Lodge 26-28.8.

Bee-eaters *Meropidae*

Swallow-tailed Bee-eater *Merops hirundineus furcatus*

(4) 3 Nkanga River Conservancy 23.8, 3 Kafue NP - south 24.8, 2 Kafue NP - south 25.8 and 3 Kafue NP - Leopard Lodge 26.8.

Little Bee-eater *Merops pusillus meridionalis*

(6) 5+5 heard Kafue NP - south 24.8, 5 Kafue NP - south 25.8, up to 6 Kafue NP - north 26-27.8, 1 Kalwelwa Forest 31.8 and 1 Mutinondo Wilderness 4.9.

argutus:

(3) 4 Livingstone 21.8, 4+3 heard Bantron Farm 22.8 and 3 Nkanga River Conservancy 23.8.

Blue-breasted Bee-eater *Merops variegatus bangweoloensis*

(2) 20 Kalwelwa Forest 30.8 and 15 Kalwelwa Forest 31.8.

White-fronted Bee-eater *Merops bullockoides*

(4) 2 Livingstone 21.8, 3 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 4 Kafue NP - north 26.8 and 15 Kafue NP - Leopard Lodge 27.8.

Böhm's Bee-eater *Merops boehmi*

(1) 5 Kafue NP - north 27.8.

Southern Carmine Bee-eater *Merops nubicoides*

(2) 1 Kasempe 28.8 and 4 Mutinondo Wilderness 4.9.

Hoopoes *Upupidae*

African Hoopoe *Upupa africana*

(9) 5 Bantron Farm 22.8, 1 Nkanga River Conservancy 23.8, 1 Kafue NP - south 24.8, 1 Kafue NP - south 25.8, 2 Kasempe 28.8, 2 Mwinilunga 29.8, 2 Kalwelwa Forest 31.8, 1 Mwinilunga - Cryptosephalum woodlands 2.9 and 1 Mutinondo Wilderness 5.9.

Wood Hoopoes *Phoeniculidae***Green Wood Hoopoe***Phoeniculus purpureus angolensis*

(6) 8 Nkanga River Conservancy 23.8, 2+1 heard Namwala 24.8, 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 3 Kafue NP - north 26.8, 2 Kafue NP - north 27.8 and 4 Kasempe 28.8.

Common Scimitarbill*Rhinopomastus cyanomelas schalowi*

(7) 2 Livingstone 21.8, 1 heard Nkanga River Conservancy 23.8, 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Kafue NP - Leopard Lodge 26.8, 4 Kafue NP - north 27.8, 5 Kasempe 28.8 and 2 Mutinondo Wilderness 4.9.

Ground Hornbills *Bucorvidae***Southern Ground Hornbill (VU)***Bucorvus leadbeateri*

(5) 6+9 heard Kafue NP--Nanzhila Plains 24.8, 7 Kafue NP - south 25.8, 6 Kasempe 28.8, 3 Mwinilunga - Cryptosephalum woodlands 29.8 and 2 Mutinondo Wilderness 4.9.

Hornbills *Bucerotidae***Southern Red-billed Hornbill***Tockus rufirostris*

(3) 3 Livingstone 21.8, 15 Kafue NP - south 24.8 and 10 Kafue NP - south 25.8.

Southern Yellow-billed Hornbill*Tockus leucomelas leucomelas*

(2) 2 Nkanga River Conservancy 23.8 and 1 Namwala 24.8.

Crowned Hornbill*Lophoceros alboterminatus*

(9) 2 Nkanga River Conservancy 23.8, 1 Namwala 24.8, 4 Kafue NP - north 26.8, up to 30 Kalwelwa Forest 29-1.9, 4 Forest Inn, SW of Mkushi 3.9 and 2 Mutinondo Wilderness 4.9.

African Grey Hornbill*Lophoceros nasutus epirhinus*

(7) 6 Livingstone 21.8, 4+2 heard Bantron Farm 22.8, 5 Nkanga River Conservancy 23.8, 10+5 heard Kafue Flats 24.8, 5+5 heard Kafue NP - south 25.8, 6 Kafue NP - north 26.8 and 5 Kafue NP - Leopard Lodge 27.8.

Pale-billed Hornbill*Lophoceros pallidirostris pallidirostris*

(3) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 2 heard Kafue NP - north 27.8 and 6 Kasempe 28.8.

Trumpeter Hornbill*Bycanistes bucinator*

(7) 2 Livingstone 22.8, 4 heard Nkanga River Conservancy 23.8, 6 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 15 Kafue NP - Leopard Lodge 26.8, 25 Kafue NP - Leopard Lodge 27.8, 3 Kasempe 28.8 and 1 Kalwelwa Forest 31.8.

African Barbets *Lybiidae***Yellow-rumped Tinkerbird***Pogoniulus bilineatus*

(3) Up to 4 Kalwelwa Forest 30-1.9.

Yellow-fronted Tinkerbird*Pogoniulus chrysoconus extoni*

(10) 2 Livingstone 22.8, 2 Livingstone 22.8, 5 heard Nkanga River Conservancy 23.8, 2 heard Kafue NP - south 24.8, 2 Kafue NP - north 27.8, 1 heard Mutanda 28.8, 1 heard Mwinilunga - Cryptosephalum woodlands 29.8, 2 heard Forest Inn, SW of Mkushi 2.9, 2 Mutinondo Wilderness 3.9, 3 Mutinondo Wilderness 4.9 and 1 heard Lusaka 5.9.

Miombo Pied Barbet*Tricholaema frontata*

(1) 1 Nkanga River Conservancy 23.8.

What an incredible sighting!

Chaplin's Barbet (VU)*Lybius chaplini*

(1) 3 Nkanga River Conservancy 23.8.

Black-collared Barbet*Lybius torquatus*

(8) 1 Livingstone 21.8, 3+2 heard Bantron Farm 22.8, 6 Nkanga River Conservancy 23.8, 1 heard Kafue NP--Nanzhila Plains 25.8, 2 Kafue NP - Leopard Lodge 26.8, 2 Kafue NP - Leopard Lodge 27.8, 1 Mwinilunga - Cryptosephalum woodlands 2.9 and 1 Forest Inn, SW of Mkushi 3.9.

Black-backed Barbet*Lybius minor macclounii*

(4) 1 heard Kalwelwa Forest 29.8, 2 Mutanda 1.9, 1 Mwinilunga - Cryptosephalum woodlands 2.9 and 4 Mutinondo Wilderness 4.9.

Crested Barbet*Trachyphonus vaillantii*

(3) 1 heard Livingstone 22.8, 1 Kafue NP - south 24.8 and 1 Kafue NP - south 25.8.

Honeyguides Indicatoridae**Green-backed Honeybird***Prodotiscus zambesiae zambesiae*

(1) 1 heard Mutinondo Wilderness 4.9.

Brown-backed Honeybird*Prodotiscus regulus regulus*

(4) 1 Livingstone 21.8, 1 Nkanga River Conservancy 23.8, 1 Kafue NP - Leopard Lodge 27.8 and 1 heard Forest Inn, SW of Mkushi 3.9.

Least Honeyguide*Indicator exilis*

(2) 2 Kalwelwa Forest 30.8 and 1 Kalwelwa Forest 31.8.

Lesser Honeyguide*Indicator minor teitensis*

(2) 2 Nkanga River Conservancy 23.8 and 1 heard Mutinondo Wilderness 4.9.

Scaly-throated Honeyguide*Indicator variegatus*

(1) 1 Mutinondo Wilderness 3.9.

Greater Honeyguide*Indicator indicator*

(5) 1 heard Kafue Flats 24.8, 2+1 heard Kafue NP--Nanzhila Plains 25.8, 1 Kafue NP - Leopard Lodge 26.8, 1 Kalwelwa Forest 31.8 and 1 Mutinondo Wilderness 4.9.

Woodpeckers Picidae**Red-throated Wryneck***Jynx ruficollis ruficollis*

(1) 2 Kalwelwa Forest 31.8.

Bennett's Woodpecker*Campethera bennettii capricorni*

(1) 1 Kasempe 28.8.

Golden-tailed Woodpecker*Campethera abingoni*

(5) 1 Kafue NP - south 25.8, 1 Kafue NP - Leopard Lodge 26.8, 1 Forest Inn, SW of Mkushi 2.9, 1 Forest Inn, SW of Mkushi 3.9 and 1 heard Mutinondo Wilderness 4.9.

Green-backed Woodpecker*Campethera cailliautii*

(2) 1 heard Kasempe 28.8 and 1 Mutinondo Wilderness 4.9.

Bearded Woodpecker*Chloropicus namaquus namaquus*

(1) 2 Namwala 24.8.

Cardinal Woodpecker*Dendropicus fuscescens*

(5) 1 Livingstone 21.8, 2 Nkanga River Conservancy 23.8, 3 Namwala 24.8, 3 Kafue NP - north 27.8 and 1 Mutinondo Wilderness 3.9.

Falcons and Caracaras Falconidae**Dickinson's Kestrel***Falco dickinsoni*

(2) 1+1 heard Kafue Flats 24.8 and 2 Kafue NP--Nanzhila Plains 25.8.

Lanner Falcon*Falco biarmicus biarmicus*

(2) 2 Mwinilunga 28.8 and 1 Mutinondo Wilderness 3.9.

African & New World Parrots *Psittacidae***Brown-necked Parrot***Poicephalus fuscicollis suahelicus*

(4) 4 Kafue NP--Nanzhila Plains 25.8, 2 Kasempe 28.8, 4 Kalwelwa Forest 1.9 and 2 Mutinondo Wilderness 4.9.

Meyer's Parrot*Poicephalus meyeri*

(13) 1 Livingstone 21.8, 3 Bantron Farm 22.8, 2 Nkanga River Conservancy 23.8, 25 Namwala 24.8, 20+20 heard Kafue NP - south 25.8, up to 4 Kafue NP - north 26-27.8, 4 Kasempe 28.8, 2 Mwinilunga - Cryptosephalum woodlands 29.8, up to 14 Kalwelwa Forest 30-1.9 and 6 Chimfunshi Nature Reserve 2.9.

Old World Parrots *Psittaculidae***Black-cheeked Lovebird (VU)***Agapornis nigrigenis*

(2) 6 Kafue NP--Nanzhila Plains 24.8 and 15 Kafue NP--Nanzhila Plains 25.8.

Broadbills *Eurylaimidae***African Broadbill***Smithornis capensis*

(7) 1 heard Nkanga River Conservancy 23.8, 1 Mwinilunga - Cryptosephalum woodlands 29.8, up to 2 Kalwelwa Forest 30-1.9, 1 heard Mutinondo Wilderness 3.9 and 2 heard Mutinondo Wilderness 4.9. Magnificent and extended sightings of several displaying males.

Wattle-eyes, Batises *Platysteiridae***Margaret's Batis***Batis margaritae kathleenae*

(1) 2 Mwinilunga - Cryptosephalum woodlands 29.8.

Chin-spot Batis*Batis molitor*

(9) 1 heard Livingstone 22.8, 3 Nkanga River Conservancy 23.8, 2 Kafue NP - Leopard Lodge 26.8, 2 heard Kafue NP - Leopard Lodge 27.8, 2 Kalwelwa Forest 30.8, 2 Kalwelwa Forest 31.8, 2 Forest Inn, SW of Mkushi 2.9, 2+2 heard Mutinondo Wilderness 3.9 and 5 Mutinondo Wilderness 4.9.

Black-throated Wattle-eye*Platysteira peltata*

(2) 1 Kalwelwa Forest 31.8 and 1 Mutinondo Wilderness 4.9.

Helmetshrikes and Allies *Prionopidae***White-crested Helmetshrike***Prionops plumatus poliocephalus*

(7) 2 Nkanga River Conservancy 23.8, 10+20 heard Namwala 24.8, 5+10 heard Kafue NP - south 25.8, 5 Kafue NP - Leopard Lodge 27.8, 10 Kasempe 28.8, 15 Mutinondo Wilderness 3.9 and 5 Mutinondo Wilderness 4.9.

Retz's Helmetshrike*Prionops retzii*

(7) 10 Livingstone 21.8, 5 Livingstone 22.8, 3 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 5 Kasempe 28.8, 10 Mwinilunga - Cryptosephalum woodlands 29.8, 5 Kalwelwa Forest 30.8 and 5 Mutinondo Wilderness 4.9.

Bushshrikes and Allies *Malaconotidae***Grey-headed Bushshrike***Malaconotus blanchoti interpositus*

(4) 1 heard Nkanga River Conservancy 23.8, 1 Kafue NP--Nanzhila Plains 25.8, 1 heard Mutinondo Wilderness 3.9 and 1 Mutinondo Wilderness 4.9.

Black-fronted Bushshrike*Chlorophoneus nigrifrons manningi*

(1) 1 heard Kalwelwa Forest 30.8.

Orange-breasted Bushshrike*Chlorophoneus sulfureopectus similis*

(8) 1 heard Livingstone 21.8, 11 Bantron Farm 22.8, 1 Nkanga River Conservancy 23.8, 1 heard Namwala 24.8, 1 heard Kafue NP - south 25.8, 3 heard Kafue NP - north 26.8, 3 heard Kafue NP - Leopard Lodge 27.8 and 11 Mutinondo Wilderness 3.9.

Gorgeous Bushshrike *Telophorus viridis viridis*

(1) 2 Mwinilunga - Cryptosephalum woodlands 29.8.

Breathtaking views of a pair of these, normally, shy denizens of the thickest of thickets. Sometimes considered a separate species - 'Perrin's' Bushshrike.

Marsh Tchagra *Bocagia minuta anchietae*

(2) 1 Kalwelwa Forest 31.8 and 1 Mutinondo Wilderness 3.9.

Brown-crowned Tchagra *Tchagra australis*

(1) 1 heard Nkanga River Conservancy 23.8.

Black-crowned Tchagra *Tchagra senegalus*

(10) 2 Nkanga River Conservancy 23.8, 1 Kafue NP - south 24.8, 6 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, up to 3 Kafue NP - north 26-27.8, 4 Kasempe 28.8, 1 heard Kalwelwa Forest 30.8, 1 heard Kalwelwa Forest 31.8, 1 Mutinondo Wilderness 3.9 and 1 heard Mutinondo Wilderness 4.9.

Black-backed Puffback *Dryoscopus cubla*

(10) 2 Livingstone 21.8, 3 Nkanga River Conservancy 23.8, 2 heard Kafue NP - south 25.8, 2 Kafue NP - north 26.8, 2 heard Kafue NP - north 27.8, 2 Kasempe 28.8, 2 heard Mwinilunga - Cryptosephalum woodlands 29.8, 1 Solwezi 2.9, 2+1 heard Mutinondo Wilderness 3.9 and 3 Mutinondo Wilderness 4.9.

Tropical Boubou *Laniarius major mossambicus*

(13) 1 heard Livingstone 21.8, 2+3 heard Bantron Farm 22.8, 4 Nkanga River Conservancy 23.8, 2 heard Kafue NP--Nanzhila Plains 24.8, 2 Kafue NP - south 25.8, 6 heard Kafue NP - north 26.8, 2 Kafue NP - Leopard Lodge 27.8, 2 heard Mutanda 28.8, 2 Mwinilunga 29.8, 2 Kalwelwa Forest 30.8, 2 Kalwelwa Forest 31.8, 2 Mutinondo Wilderness 3.9 and 2 Mutinondo Wilderness 4.9.

Brubru *Nilaus afer*

(10) 1 Nkanga River Conservancy 23.8, 2 Namwala 24.8, 2 heard Kafue NP - south 25.8, 1 Kafue NP - north 26.8, 3 Kafue NP - north 27.8, 2 heard Kasempe 28.8, 1 heard Mwinilunga - Cryptosephalum woodlands 29.8, up to 2 Forest Inn, SW of Mkushi 2-3.9 and 1 heard Mutinondo Wilderness 4.9.

Cuckoo-shrikes *Campephagidae*

White-breasted Cuckooshrike *Coracina pectoralis*

(4) 1 Kafue NP - north 27.8, 2 Kasempe 28.8, 2 Mwinilunga 29.8 and 2 Forest Inn, SW of Mkushi 3.9.

Purple-throated Cuckooshrike *Campephaga quiscalina*

(1) 1 Mutanda 1.9.

Shrikes *Laniidae*

Magpie Shrike *Urolestes melanoleucus aequatorialis*

(3) 4 Nkanga River Conservancy 23.8, 7+3 heard Kafue NP--Nanzhila Plains 24.8 and 2 Kafue NP - south 25.8.

Souza's Shrike *Lanius souzae tacitus*

(1) 2 Forest Inn, SW of Mkushi 3.9.

Southern Fiscal *Lanius collaris subcoronatus*

(6) 2 Bantron Farm 22.8, 2 Mwinilunga 29.8, 1 Kalwelwa Forest 31.8, 6 Forest Inn, SW of Mkushi 2.9, 4 Mutinondo Wilderness 3.9 and 3 Lusaka 5.9.

Old World Orioles *Oriolidae*

African Golden Oriole *Oriolus auratus notatus*

(5) 2 Livingstone 21.8, 1 Livingstone 22.8, 3 Kasempe 28.8, 6 Mwinilunga - Cryptosephalum woodlands 29.8 and 1 Kalwelwa Forest 30.8.

Black-headed Oriole*Oriolus larvatus angolensis*

(11) 2 heard Bantron Farm 22.8, 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 heard Kafue NP - Leopard Lodge 26.8, 2 heard Kafue NP - north 27.8, 1 heard Kasempe 28.8, 1 Mwinilunga - Cryptosephalum woodlands 29.8, 1 Kalwelwa Forest 31.8, 8 Kalwelwa Forest 1.9, 1 Forest Inn, SW of Mkushi 2.9, 1 Mutinondo Wilderness 3.9 and 2 heard Mutinondo Wilderness 4.9.

Drongos Dicruridae**Fork-tailed Drongo***Dicrurus adsimilis apivorus*

(13) 6 Bantron Farm 22.8, 15 Nkanga River Conservancy 23.8, 3+5 heard Kafue NP - north 27.8, 1 Kalwelwa Forest 31.8, 3 Forest Inn, SW of Mkushi 2.9, 2+4 heard Mutinondo Wilderness 3.9, 5 Mutinondo Wilderness 4.9 and 2 Lusaka 5.9.

Monarchs Monarchidae**African Paradise Flycatcher***Terpsiphone viridis*

(5) 1 Mwinilunga - Cryptosephalum woodlands 29.8, up to 1 Kalwelwa Forest 30-1.9 and 1 heard Forest Inn, SW of Mkushi 2.9.

Crows, Jays, and Magpies Corvidae**Pied Crow***Corvus albus*

(11) 6 Livingstone 21.8, up to 20 Choma 22-24.8, 4 Kafue NP - north 26.8, 4 Mutanda 28.8, 4 Mwinilunga 29.8, 30 Mutinondo Wilderness 3.9 and 15 Lusaka 5.9.

White-necked Raven*Corvus albicollis*

(2) 1 Mutinondo Wilderness 3.9 and 2 Mutinondo Wilderness 4.9.

Fairy Flycatchers Stenostiridae**White-tailed Blue Flycatcher***Elminia albicauda*

(1) 2 Mutinondo Wilderness 4.9.

White-tailed Crested Flycatcher*Elminia albonotata albonotata*

(1) 2 Mutinondo Wilderness 4.9.

Tits, Chickadees Paridae**White-winged Black Tit***Melaniparus leucomelas insignis*

(1) 2 Mwinilunga 29.8.

Southern Black Tit*Melaniparus niger*

(5) 2 Livingstone 21.8, 3 Nkanga River Conservancy 23.8, 2 Kafue NP - south 24.8, 2 Kafue NP - Leopard Lodge 26.8 and 2 Kafue NP - north 27.8.

Rufous-bellied Tit*Melaniparus rufiventris*

(3) 1+1 heard Kafue NP - north 27.8, 1 Forest Inn, SW of Mkushi 2.9 and 1 Mutinondo Wilderness 4.9.

Miombo Tit*Melaniparus griseiventris*

(2) 3 Kafue NP - north 27.8 and 1 Forest Inn, SW of Mkushi 2.9.

Penduline-Tits Remizidae**Grey Penduline Tit***Anthoscopus caroli*

(4) 1 Nkanga River Conservancy 23.8, 3 Kafue NP - north 27.8, 5 Forest Inn, SW of Mkushi 2.9 and 5 Forest Inn, SW of Mkushi 3.9.

Larks *Alaudidae***Rufous-naped Lark***Mirafra africana*

(1) 1 Nkanga River Conservancy 23.8.

Flappet Lark*Mirafra rufocinnamomea*

(2) 3 Nkanga River Conservancy 23.8 and 3 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Angolan Lark*Mirafra angolensis antonii*

(3) Up to 5 Kalwelwa Forest 30-1.9.

Bulbuls *Pycnonotidae***Dark-capped Bulbul***Pycnonotus tricolor*

(16) 25 Livingstone 21.8, 75+15 heard Bantron Farm 22.8, 100 Nkanga River Conservancy 23.8, 5 Kalwelwa Forest 30.8 and 12 Kalwelwa Forest 31.8.

Little Greenbul*Eurillas virens zombensis*

(4) Up to 10 Kalwelwa Forest 29-1.9.

Honeyguide Greenbul*Baeopogon indicator indicator*

(2) 1 heard Kalwelwa Forest 30.8 and 2 Kalwelwa Forest 31.8.

Yellow-bellied Greenbul*Chlorocichla flaviventris occidentalis*

(3) 1 Nkanga River Conservancy 23.8, 2 Kafue NP - north 26.8 and 1 heard Mutinondo Wilderness 3.9.

Yellow-throated Leaflove*Atimastillas flavicollis flavigula*

(5) Up to 12 Kalwelwa Forest 29-1.9 and 2 Solwezi 2.9.

Terrestrial Brownbul*Phyllastrephus terrestris*

(3) 2 Livingstone 21.8, 5 Nkanga River Conservancy 23.8 and 2 heard Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Grey-olive Greenbul*Phyllastrephus cerviniventris schoutedeni*

(2) 4 Mutanda 28.8 and 4 Mutinondo Wilderness 4.9.

Cabanis's Greenbul*Phyllastrephus cabanisi cabanisi*

(3) Up to 4 Kalwelwa Forest 29-31.8.

Black-collared Bulbul*Neolestes torquatus*

(2) 1 Kalwelwa Forest 30.8 and 1 Kalwelwa Forest 31.8.

Swallows *Hirundinidae***Black Saw-wing***Psalidoprocne pristopectera*

(1) 2 Kalwelwa Forest 31.8.

Grey-rumped Swallow*Pseudhirundo griseopyga griseopyga*

(6) 15+15 heard Kafue Flats 24.8, 25 Kafue NP - south 25.8, up to 25 Kalwelwa Forest 29-31.8 and 5 Forest Inn, SW of Mkushi 3.9.

White-throated Swallow*Hirundo albigularis*

(1) 5 Livingstone 21.8.

Wire-tailed Swallow*Hirundo smithii smithii*

(5) 2+5 heard Choma 23.8, 2 Choma 24.8, 2 Kafue NP - north 26.8, 2 Kafue NP - Leopard Lodge 27.8 and 1 Solwezi 2.9.

Black-and-rufous Swallow*Hirundo nigrorufa*

(3) Up to 15 Kalwelwa Forest 30-1.9.

Pearl-breasted Swallow*Hirundo dimidiata marwitzi*

(1) 3 Kafue NP--Nanzhila Plains 24.8.

Lesser Striped Swallow*Cecropis abyssinica*

(10) 2 Nkanga River Conservancy 23.8, 3+3 heard Kafue NP - south 25.8, 10 Kafue NP - north 26.8, 3 Kafue NP - Leopard Lodge 27.8, 5 Kasempe 28.8, 4 Mwinilunga 29.8, 5 Mutanda 1.9, 6 Solwezi 2.9, 10 Mutinondo Wilderness 3.9 and 3 Lusaka 5.9.

Red-breasted Swallow *Cecropis semirufa semirufa*

(3) 2 Nkanga River Conservancy 23.8, 4 Namwala 24.8 and 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Mosque Swallow *Cecropis senegalensis monteiri*

(3) 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Kafue NP - north 26.8 and 2 Mwinilunga 29.8.

Red-throated Cliff Swallow *Petrochelidon rufigula*

(2) 200 Mutanda 28.8 and 6 Mutanda 1.9.

Crombees, African warblers *Macrosphenidae*

Moustached Grass Warbler *Melocichla mentalis*

(1) 1 Mutinondo Wilderness 3.9.

Moustached Grass Warbler *Melocichla mentalis mentalis*

(1) 1 Kalwelwa Forest 31.8.

Long-billed Crombec *Sylvietta rufescens*

(3) 1 Livingstone 22.8, 1 Nkanga River Conservancy 23.8 and 2 Kafue NP--Nanzhila Plains 25.8.

Red-capped Crombec *Sylvietta ruficapilla chubbi*

(3) 1 heard Kafue NP - north 27.8, 1 Forest Inn, SW of Mkushi 3.9 and 1 Mutinondo Wilderness 4.9.

(2) 1 heard Mwinilunga - Cryptosephalum woodlands 29.8 and 1 Kalwelwa Forest 30.8.

Leaf warblers and allies *Phylloscopidae*

Laura's Woodland Warbler *Phylloscopus laurae eustacei*

(3) 1 heard Kalwelwa Forest 30.8, 1 heard Kalwelwa Forest 31.8 and 1 heard Mutinondo Wilderness 4.9.

Reed warblers and allies *Acrocephalidae*

Lesser Swamp Warbler *Acrocephalus gracilirostris*

(2) 8 Nkanga River Conservancy 23.8 and 2 heard Kafue NP--Nanzhila Plains 25.8.

African Yellow Warbler *Iduna natalensis*

(3) 1 Nkanga River Conservancy 23.8, 1 Kalwelwa Forest 30.8 and 1 Kalwelwa Forest 31.8.

Grassbirds and allies *Locustellidae*

Fan-tailed Grassbird *Schoenicola brevirostris brevirostris*

(4) 1 Kalwelwa Forest 30.8, 1 heard Kalwelwa Forest 31.8, 1 Mutinondo Wilderness 3.9 and 1 Mutinondo Wilderness 4.9.

Cisticolas and allies *Cisticolidae*

Red-faced Cisticola *Cisticola erythrops nyasa*

(2) 1 heard Forest Inn, SW of Mkushi 2.9 and 2 heard Forest Inn, SW of Mkushi 3.9.

Whistling Cisticola *Cisticola lateralis modestus*

(1) 2 Mwinilunga 1.9.

Trilling Cisticola *Cisticola woosnami lufira*

(3) 1 Forest Inn, SW of Mkushi 2.9, 2 heard Forest Inn, SW of Mkushi 3.9 and 1 Mutinondo Wilderness 4.9.

Rattling Cisticola *Cisticola chiniana*

(6) 3 heard Bantron Farm 22.8, 3 Nkanga River Conservancy 23.8, 2 Kafue NP--Nanzhila Plains 25.8, 1 Kafue NP - north 26.8, 1 Kafue NP - Leopard Lodge 27.8 and 1 heard Forest Inn, SW of Mkushi 2.9.

Tinkling Cisticola *Cisticola rufilatus ansorgei*

(1) 1 Kalwelwa Forest 31.8.

Luapula Cisticola *Cisticola luapula*

(2) 6 Kafue NP--Nanzhila Plains 25.8 and 1 Kafue NP - Leopard Lodge 27.8.

Chirping Cisticola *Cisticola pipiens*

(3) Up to 5 Kalwelwa Forest 30-1.9.

Levaillant's Cisticola *Cisticola tinniens*

(2) 2 Kalwelwa Forest 30.8 and 2 Kalwelwa Forest 31.8.

Stout Cisticola *Cisticola robustus*

(3) Up to 15 Kalwelwa Forest 30-1.9.

Croaking Cisticola *Cisticola natalensis*

(5) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, up to 1 Kalwelwa Forest 29-31.8 and 2 heard Mutinondo Wilderness 4.9.

Short-winged Cisticola *Cisticola brachypterus*

(2) 1 Kasempe 28.8 and 2 Kalwelwa Forest 31.8.

Neddicky *Cisticola fulvicapilla*

(1) 2 Nkanga River Conservancy 23.8.

Long-tailed Cisticola *Cisticola angusticauda*

(1) 1 Mutinondo Wilderness 4.9.

Zitting Cisticola *Cisticola juncidis terrestris*

(2) 1 Bantron Farm 22.8 and 6 Kafue NP--Nanzhila Plains 25.8.

Dambo Cisticola *Cisticola dambo dambo*

(1) 3 Kalwelwa Forest 31.8.

Pale-crowned Cisticola *Cisticola cinnamomeus cinnamomeus*

(2) 1 Kalwelwa Forest 30.8 and 1 Kalwelwa Forest 31.8.

Wing-snapping Cisticola *Cisticola ayresii ayresii*

(1) 2 Kalwelwa Forest 31.8.

Tawny-flanked Prinia *Prinia subflava*

(10) 3+1 heard Bantron Farm 22.8, 5 Nkanga River Conservancy 23.8, 2 heard Kafue NP--Nanzhila Plains 25.8, 2 heard Kafue NP - north 26.8, 1 heard Kafue NP - Leopard Lodge 27.8, 2 Kalwelwa Forest 31.8, 2 heard Forest Inn, SW of Mkushi 2.9, 4 Forest Inn, SW of Mkushi 3.9, 5 Mutinondo Wilderness 4.9 and 2 heard Lusaka 5.9.

White-chinned Prinia *Schistolais leucopogon leucopogon*

(3) 4 Mutanda 28.8, 5 Kalwelwa Forest 30.8 and 2 Kalwelwa Forest 31.8.

Yellow-breasted Apalis *Apalis flavida*

(4) 2 Livingstone 21.8, 1 Livingstone 22.8, 2 heard Nkanga River Conservancy 23.8 and 1 Forest Inn, SW of Mkushi 3.9.

Brown-headed Apalis *Apalis alticola alticola*

(4) Up to 5 Kalwelwa Forest 30-1.9 and 3 heard Mutinondo Wilderness 4.9.

Grey-backed Camaroptera *Camaroptera brevicaudata*

(7) 3 Livingstone 21.8, 3 Nkanga River Conservancy 23.8, 1 heard Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 2 heard Kafue NP - north 26.8 and up to 3 Kalwelwa Forest 30-1.9.

Miombo Wren-Warbler *Calamonastes undosus*

(1) 1 Kasempe 28.8.

Stierling's Wren-Warbler

Calamonastes stierlingi

(4) 2 Kafue NP - north 27.8, 1 Forest Inn, SW of Mkushi 2.9, 2 Forest Inn, SW of Mkushi 3.9 and 1 Mutinondo Wilderness 4.9.

Yellow-bellied Eremomela

Eremomela icteropygialis

(3) 1 Kafue NP - Leopard Lodge 27.8, 1 Forest Inn, SW of Mkushi 2.9 and 2 Mutinondo Wilderness 4.9.

Green-capped Eremomela

Eremomela scotops pulchra

(6) 1 Nkanga River Conservancy 23.8, 1 Namwala 24.8, 1 Kafue NP - north 27.8, 3 Kasempe 28.8, 3 Forest Inn, SW of Mkushi 2.9 and 6 Mutinondo Wilderness 4.9.

Burnt-necked Eremomela

Eremomela usticollis rensi

(2) 20 Nkanga River Conservancy 23.8 and 1 heard Kafue NP--Nanzhila Plains 25.8.

Black-necked Eremomela

Eremomela atricollis

(2) 3 Forest Inn, SW of Mkushi 2.9 and 4 Forest Inn, SW of Mkushi 3.9.

Fulvettas, Ground Bblers Pellorneidae

Spotted Thrush-Babbler

Ptyrticus turdinus upembae

(1) 2 heard Kalwelwa Forest 31.8.

Laughingthrushes Leiothrichidae

Arrow-marked Babbler

Turdoides jardineii

(6) 7+7 heard Livingstone 22.8, 15 Kafue NP - south 24.8, 15 Kafue NP - south 25.8, 5 Kafue NP - north 26.8, 1 heard Mutinondo Wilderness 3.9 and 8 Mutinondo Wilderness 4.9.

Hartlaub's Babbler

Turdoides hartlaubii

(2) 7 Kafue NP--Nanzhila Plains 24.8 and 6 Kafue NP - south 25.8.

White-eyes Zosteropidae

African Yellow White-eye

Zosterops senegalensis

(10) 5 Livingstone 21.8, 2 Livingstone 22.8, 2 Kafue NP - Leopard Lodge 27.8, 22 Kasempe 28.8, 2 heard Mwinilunga - Cryptosephalum woodlands 29.8, 1 Kalwelwa Forest 30.8, 1 Kalwelwa Forest 31.8, 1 heard Mutanda 1.9, 3+2 heard Mutinondo Wilderness 3.9 and 4 Mutinondo Wilderness 4.9. A probable Forest White-Eye was seen at the Kalwelwa Forest, on the 31-08-2018. A small population of White-Eyes, which differ from African Yellow White-Eyes in both call and plumage, have recently been discovered in the area and are currently under further investigation.

Hyliotas Hylotiidae

Yellow-bellied Hyliota

Hyliota flavigaster barbozae

(2) 1 Forest Inn, SW of Mkushi 2.9 and 1 Mutinondo Wilderness 4.9.

Southern Hyliota

Hyliota australis inornata

(4) 2 Bantron Farm 22.8, 1 Kasempe 28.8, 2 Forest Inn, SW of Mkushi 2.9 and 1+2 heard Mutinondo Wilderness 3.9.

Treecreepers Certhiidae

African Spotted Creeper

Salpornis salvadori salvadori

(2) 2 Forest Inn, SW of Mkushi 2.9 and 1 heard Mutinondo Wilderness 4.9.

Starlings Sturnidae

Common Myna

Acridotheres tristis tristis

(2) 2 Livingstone 21.8 and 4 Livingstone 22.8.

Wattled Starling *Creatophora cinerea*

(1) 10 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Greater Blue-eared Starling *Lamprotornis chalybaeus nordmanni*

(3) 10 Namwala 24.8, 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 1 Kafue NP - north 27.8.

Miombo Blue-eared Starling *Lamprotornis elisabeth*

(4) 5 Bantron Farm 22.8, 20 Nkanga River Conservancy 23.8, 5 Choma 24.8 and 1 Mwinilunga - Cryptosephalum woodlands 2.9.

Splendid Starling *Lamprotornis splendidus bailundensis*

(3) Up to 150 Kalwelwa Forest 30-1.9.

Meves's Starling *Lamprotornis mevesii mevesii*

(4) 1 Livingstone 21.8, 2 Nkanga River Conservancy 23.8, 50 Kafue NP - south 24.8 and 50 Kafue NP - south 25.8.

Sharp-tailed Starling *Lamprotornis acuticaudus acuticaudus*

(1) 3 Chimfunshi Nature Reserve 2.9.

Violet-backed Starling *Cinnyricinclus leucogaster verreauxi*

(9) 3 Kafue NP - north 26.8, 4 Kafue NP - Leopard Lodge 27.8, 2 Mutanda 28.8, 4 Mwinilunga - Cryptosephalum woodlands 29.8, up to 150 Kalwelwa Forest 30-1.9, 1 Forest Inn, SW of Mkushi 2.9 and 6 Forest Inn, SW of Mkushi 3.9.

Red-winged Starling *Onychognathus morio morio*

(1) 2 Livingstone 21.8.

Oxpeckers *Buphagidae*

Red-billed Oxpecker *Buphagus erythrorynchus*

(2) 7 Kafue NP - north 27.8 and 4 Kafue NP - north 28.8.

Thrushes and Allies *Turdidae*

Fraser's Rufous Thrush *Stizorhina fraseri rubicunda*

(2) 2 heard Kalwelwa Forest 30.8 and 1 heard Kalwelwa Forest 31.8.

Groundscraper Thrush *Turdus litsitsirupa stierlingi*

(2) 6 Namwala 24.8 and 1 Mwinilunga - Cryptosephalum woodlands 29.8.

African Thrush *Turdus pelios stormsi*

(2) 1 Kalwelwa Forest 30.8 and 2 Kalwelwa Forest 31.8.

Kurrichane Thrush *Turdus libonyana verreauxii*

(7) 5 Bantron Farm 22.8, 1 Kafue NP - north 26.8, 3 Kasempe 28.8, 2 Mwinilunga - Cryptosephalum woodlands 29.8, 1 Forest Inn, SW of Mkushi 2.9, 3 Forest Inn, SW of Mkushi 3.9 and 4 Mutinondo Wilderness 4.9.

Chats, Old World Flycatchers *Muscicapidae*

Bearded Scrub Robin *Cercotrichas quadrivirgata quadrivirgata*

(1) 1 Nkanga River Conservancy 23.8.

Miombo Scrub Robin *Cercotrichas barbata*

(6) Up to 2 Kafue NP - north 26-27.8, 1 Kasempe 28.8, 1 Kalwelwa Forest 30.8, 1 heard Forest Inn, SW of Mkushi 2.9 and 1 Forest Inn, SW of Mkushi 3.9.

White-browed Scrub Robin *Cercotrichas leucophrys*

(7) 1 Nkanga River Conservancy 23.8, 1 heard Nkanga River Conservancy 24.8, 1 Kafue NP - north 26.8, 1 Kalwelwa Forest 31.8, 1 heard Kalwelwa Forest 1.9, 1 heard Forest Inn, SW of Mkushi 3.9 and 1 Mutinondo Wilderness 4.9.

Grey Tit-Flycatcher *Myioparus plumbeus catoleucus*

(2) 1 Kafue NP - north 26.8 and 1 Kafue NP - Leopard Lodge 28.8.

Southern Black Flycatcher *Melaenornis pammelaina diabolicus*

(6) 2 Livingstone 22.8, 5 Namwala 24.8, 1 Kafue NP - Leopard Lodge 27.8, 1 Kasempe 28.8, 1+1 heard Solwezi 2.9 and 2+1 heard Forest Inn, SW of Mkushi 3.9.

Pale Flycatcher *Melaenornis pallidus*

(1) 1 Namwala 24.8.

Ashy Flycatcher *Muscicapa caerulescens impavida*

(5) 3 Livingstone 22.8, 1 heard Kafue NP--Nanzhila Plains 24.8, 3 Kafue NP - north 26.8, 1 Kafue NP - Leopard Lodge 27.8 and 1 heard Kafue NP - Leopard Lodge 28.8.

Cassin's Flycatcher *Muscicapa cassini*

(1) 1 Mutanda 28.8.

African Dusky Flycatcher *Muscicapa adusta subadusta*

(1) 5 Mutinondo Wilderness 4.9.

Böhm's Flycatcher *Muscicapa boehmi*

(1) 1+1 heard Kafue NP - north 27.8.

Grey-winged Robin-Chat *Cossypha polioptera polioptera*

(2) 1 heard Kalwelwa Forest 30.8 and 1 heard Kalwelwa Forest 31.8.

White-browed Robin-Chat *Cossypha heuglini heuglini*

(8) 4 Livingstone 21.8, 3 Livingstone 22.8, 3 heard Choma 24.8, 1+1 heard Kafue NP--Nanzhila Plains 25.8, 3 heard Kafue NP - north 26.8, 1 Kafue NP - Leopard Lodge 27.8, 1 heard Kafue NP - Leopard Lodge 28.8 and 1 heard Kalwelwa Forest 30.8.

Bocage's Akalat *Sheppardia bocagei chapini*

(1) 1 heard Mutinondo Wilderness 4.9.

Collared Palm Thrush *Cichladusa arquata*

(3) 2 Livingstone 21.8, 1+1 heard Kafue NP - south 25.8 and 2 Kafue NP - Leopard Lodge 27.8.

Miombo Rock Thrush *Monticola angolensis*

(1) 1 Livingstone 22.8.

African Stonechat *Saxicola torquatus*

(3) 2 Nkanga River Conservancy 23.8, 6 Kalwelwa Forest 30.8 and 10 Kalwelwa Forest 31.8.

Sooty Chat *Myrmecocichla nigra*

(6) 2 Bantron Farm 22.8, 5 Nkanga River Conservancy 23.8, 2 Kafue NP - Leopard Lodge 27.8, 2 Kafue NP - north 28.8, 2 Kalwelwa Forest 31.8 and 1 heard Mutinondo Wilderness 4.9.

Arnot's Chat *Myrmecocichla arnotti arnotti*

(6) 2 Nkanga River Conservancy 23.8, 7 Namwala 24.8, 2+6 heard Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, up to 7 Kafue NP - north 26-27.8 and 2 Kafue NP - Leopard Lodge 28.8.

Capped Wheatear *Oenanthe pileata livingstonii*

(3) 10 Kafue NP - south 24.8, 4 Kafue NP - south 25.8 and 3 Forest Inn, SW of Mkushi 3.9.

Familiar Chat *Oenanthe familiaris falkensteini*

(5) 4 Kafue NP - Leopard Lodge 26.8, 2 Kafue NP - Leopard Lodge 27.8 and up to 2 Mutinondo Wilderness 3-5.9.

Sunbirds and Spiderhunters Nectariniidae

Anchieta's Sunbird *Anthreptes anchietae*

(2) 2 Mutinondo Wilderness 3.9 and 1 heard Mutinondo Wilderness 4.9.

- Western Violet-backed Sunbird** *Anthreptes longuemarei*
(1) 1 Mutinondo Wilderness 3.9.
- Collared Sunbird** *Hedydipna collaris*
(3) 2+3 heard Kafue NP - north 26.8, 4 Kafue NP - Leopard Lodge 27.8 and 2 Kalwelwa Forest 31.8.
- Bannerman's Sunbird** *Cyanomitra bannermani*
(1) 2 Kalwelwa Forest 30.8.
- Olive Sunbird** *Cyanomitra olivacea*
(2) 1 Kalwelwa Forest 30.8 and 2 Kalwelwa Forest 31.8.
- Amethyst Sunbird** *Chalcomitra amethystina*
(4) 2 Bantron Farm 22.8, 4 Forest Inn, SW of Mkushi 2.9, 6 Mutinondo Wilderness 3.9 and 9 Mutinondo Wilderness 4.9.
- Scarlet-chested Sunbird** *Chalcomitra senegalensis*
(6) 1 Livingstone 21.8, 4 Bantron Farm 22.8, 2 Nkanga River Conservancy 23.8, 2 Kafue NP - Leopard Lodge 26.8, 5 Kafue NP - north 27.8 and 1 Mutinondo Wilderness 4.9.
- Eastern Miombo Sunbird** *Cinnyris manoensis manoensis*
(2) 3 Mutinondo Wilderness 3.9 and 4 Mutinondo Wilderness 4.9.
- Western Miombo Sunbird** *Cinnyris gertrudis*
(1) 1 Mutinondo Wilderness 4.9.
The bird in question, seen at Mutinondo Wilderness on the 04-09-2018, potentially represents an undescribed form. The birds at Mutinondo have a distinctively stout body structure, a short bill, broad breast band and a different song to other Miombo Sunbirds. There are also differences in reproductive biology. The first specimens have been collected so we await genetic results, but tentatively ascribe the species to this taxa for now.
- Shelley's Sunbird** *Cinnyris shelleyi*
(2) 1 Bantron Farm 22.8 and 1 Forest Inn, SW of Mkushi 2.9.
- White-bellied Sunbird** *Cinnyris talatala*
(8) 3 Livingstone 21.8, 5 Bantron Farm 22.8, 1 Nkanga River Conservancy 23.8, 1+1 heard Namwala 24.8, 2 Kafue NP - south 25.8, 2 Kafue NP - Leopard Lodge 26.8, 2 Kafue NP - north 27.8 and 2 Forest Inn, SW of Mkushi 3.9.
- Variable Sunbird** *Cinnyris venustus falkensteini*
(5) Up to 20 Kalwelwa Forest 30-1.9, 5 Mutinondo Wilderness 3.9 and 6 Mutinondo Wilderness 4.9.
- Copper Sunbird** *Cinnyris cupreus chalcus*
(4) Up to 8 Kalwelwa Forest 30-1.9 and 1 Mutinondo Wilderness 4.9.

Old World Sparrows *Passeridae*

- House Sparrow** *Passer domesticus*
(6) 2 Choma 23.8, 2 Choma 24.8, 1 Kafue NP - north 26.8, 5 Solwezi 2.9, 4 Mutinondo Wilderness 3.9 and 10 Lusaka 5.9.
- Northern Grey-headed Sparrow** *Passer griseus ugandae*
(1) 25 Mwinilunga 29.8.
- Southern Grey-headed Sparrow** *Passer diffusus*
(2) 2 Livingstone 22.8 and 2 Kafue NP - south 25.8.
- Yellow-throated Petronia** *Gymnoris superciliaris*
(7) 2 Nkanga River Conservancy 23.8, 6 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 4+5 heard Kafue NP - north 27.8, 5 Kasempe 28.8, 1 Kalwelwa Forest 31.8, 1 Mwinilunga - Cryptosephalum woodlands 2.9 and 2 Forest Inn, SW of Mkushi 3.9.

Weavers, Widowbirds *Ploceidae*

- White-browed Sparrow-Weaver** *Plocepasser mahali pectoralis*
(2) 4 Kafue NP - south 24.8 and 5 Kafue NP - south 25.8.
- Chestnut-backed Sparrow-Weaver** *Plocepasser rufoscapulatus*
(1) 1 Forest Inn, SW of Mkushi 3.9.
- Spectacled Weaver** *Ploceus ocularis crocatus*
(4) 2 Bantron Farm 22.8, 2 Kafue NP - north 26.8, 1 Kalwelwa Forest 1.9 and 1 Mutinondo Wilderness 3.9.
- Holub's Golden Weaver** *Ploceus xanthops*
(5) 2 Livingstone 21.8, 2 Kafue NP - north 26.8, 3 Kalwelwa Forest 30.8, 1 Kalwelwa Forest 31.8 and 1 Forest Inn, SW of Mkushi 3.9.
- Lesser Masked Weaver** *Ploceus intermedius cabanisii*
(1) 6 Choma 24.8.
- Village Weaver** *Ploceus cucullatus nigriceps*
(1) 30 Bantron Farm 22.8.
- Dark-backed Weaver** *Ploceus bicolor kigomaensis*
(2) 4 Kalwelwa Forest 31.8 and 4 Kalwelwa Forest 1.9.
- Red-headed Weaver** *Anaplectes rubriceps*
(4) 1 Nkanga River Conservancy 23.8, 2 Mwinilunga 1.9, 2+1 heard Chimfunshi Nature Reserve 2.9 and 3+2 heard Forest Inn, SW of Mkushi 3.9.
- Red-billed Quelea** *Quelea quelea lathamii*
(5) 50 Livingstone 21.8, 5 Livingstone 22.8, 10 Kafue NP - south 24.8, 6 Kafue NP - south 25.8 and 5 Kalwelwa Forest 31.8.
- Southern Red Bishop** *Euplectes orix*
(2) 10 Livingstone 21.8 and 10 Nkanga River Conservancy 23.8.
- Yellow Bishop** *Euplectes capensis crassirostris*
(2) 1 Bantron Farm 22.8 and 5 Nkanga River Conservancy 23.8.
- Fan-tailed Widowbird** *Euplectes axillaris*
(2) 30 Kalwelwa Forest 30.8 and 15 Kalwelwa Forest 31.8.
- Yellow-mantled Widowbird** *Euplectes macroura macroura*
(2) 1 Bantron Farm 22.8 and 2 Kafue NP - south 24.8.
- Marsh Widowbird** *Euplectes hartlaubi hartlaubi*
(3) Up to 20 Kalwelwa Forest 30-1.9.
- White-winged Widowbird** *Euplectes albonotatus albonotatus*
(5) 4 Livingstone 21.8, 3 Nkanga River Conservancy 23.8, 10 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 10 Kafue NP - Leopard Lodge 27.8 and 15 Lusaka 5.9.

Waxbills, Munias and allies *Estrildidae*

- Orange-winged Pytilia** *Pytilia afra*
(1) 2 Livingstone 22.8.
- Green-winged Pytilia** *Pytilia melba*
(1) 1 Livingstone 22.8.
- Green Twinspot** *Mandingoa nitidula*
(1) 1 heard Kalwelwa Forest 30.8.
- Red-throated Twinspot** *Hypargos niveoguttatus macrospilotus*
(1) 2 Nkanga River Conservancy 23.8.
- Brown Firefinch** *Lagonosticta nitidula*
(2) 3 Livingstone 21.8 and 4 Kafue NP - north 26.8.

- Red-billed Firefinch** *Lagonosticta senegala*
 (4) 10 Livingstone 21.8, 10 Livingstone 22.8, 4 Kafue Flats 24.8 and 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.
- African Firefinch** *Lagonosticta rubricata haematocephala*
 (2) 2 Mutanda 28.8 and 1 heard Mwinilunga - Cryptosephalum woodlands 29.8.
- Jameson's Firefinch** *Lagonosticta rhodopareia*
 (2) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 1 Forest Inn, SW of Mkushi 3.9.
- Blue Waxbill** *Uraeginthus angolensis*
 (8) Up to 20 Livingstone 21-22.8, 5 Nkanga River Conservancy 23.8, 15 Kafue Flats 24.8, 30 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 5+10 heard Kafue NP - Leopard Lodge 26.8, 10+6 heard Kafue NP - north 27.8 and 6 Forest Inn, SW of Mkushi 3.9.
- Fawn-breasted Waxbill** *Estrilda paludicola benguellensis*
 (3) Up to 40 Kalwelwa Forest 30-1.9.
- Bronze Mannikin** *Lonchura cucullata scutata*
 (3) 5+6 heard Livingstone 22.8, 10 Nkanga River Conservancy 23.8 and 4 Kalwelwa Forest 29.8.
- Red-backed Mannikin** *Lonchura nigriceps*
 (1) 5 Nkanga River Conservancy 23.8.

Indigobirds *Viduidae*

- Purple Indigobird** *Vidua purpurascens*
 (1) 4 Kasempe 28.8.
- Pin-tailed Whydah** *Vidua macroura*
 (2) 3 Livingstone 21.8 and 5 Kalwelwa Forest 31.8.
- Shaft-tailed Whydah** *Vidua regia*
 (1) 1 Livingstone 22.8.
- Cuckoo-finch** *Anomalospiza imberbis*
 (1) 150 Bantron Farm 22.8.

Wagtails, Pipits *Motacillidae*

- African Pied Wagtail** *Motacilla aguimp vidua*
 (9) 1 Livingstone 21.8, 2 Choma 24.8, 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 4 Kafue NP - north 26.8, 2 Kafue NP - Leopard Lodge 27.8, 2 Mutanda 28.8, 2 Mwinilunga 29.8, 3 Mwinilunga 1.9 and 3 Solwezi 2.9.
- Fülleborn's Longclaw** *Macronyx fülleborni ascensi*
 (2) 3 Bantron Farm 22.8 and 4 Kalwelwa Forest 31.8.
- Rosy-throated Longclaw** *Macronyx ameliae altanus*
 (2) 1 Kalwelwa Forest 30.8 and 4 Kalwelwa Forest 31.8.
- Grimwood's Longclaw (DD)** *Macronyx grimwoodi*
 (2) 5 Kalwelwa Forest 30.8 and 1 Kalwelwa Forest 31.8.
- African Pipit** *Anthus cinnamomeus*
 (2) 1 Bantron Farm 22.8 and 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.
- Wood Pipit** *Anthus nyassae*
 (9) 2 Nkanga River Conservancy 23.8, 2 Kafue NP - north 27.8, 4 Kasempe 28.8, 4 Mwinilunga - Cryptosephalum woodlands 29.8, 3 Kalwelwa Forest 31.8, 2 Mwinilunga 1.9, 2 Chimfunshi Nature Reserve 2.9, 2 Mutinondo Wilderness 4.9 and 2 Mutinondo Wilderness 5.9.
- Buffy Pipit** *Anthus vaalensis*
 (1) 1 Kalwelwa Forest 31.8.

An unusual pipit, that possibly represents an unsubscribed form, was seen near the Kalwelwa Forest on the 31-08-2018. This individual in question bore a striking resemblance to Buffy and Long-legged Pipits, but for a few differences. The facial markings were very distinct, the base to the lower mandible was yellow, and the flight call was obviously different. These birds are currently the subject of great ornithological interest and we await genetic results, but the bird is tentatively ascribed to Buffy Pipit for the time being.

Buffy Pipit*Anthus vaalensis chobiensis*

(6) 4 Bantron Farm 22.8, 3 Nkanga River Conservancy 23.8, 4 Kafue Flats 24.8, 2 Kalwelwa Forest 30.8, 1 Kalwelwa Forest 31.8 and 1 Forest Inn, SW of Mkushi 3.9.

Finches *Fringillidae***Yellow-fronted Canary***Crithagra mozambica*

(3) 8 Nkanga River Conservancy 23.8, 1 Kafue NP - Leopard Lodge 27.8 and 1 Forest Inn, SW of Mkushi 2.9.

Brimstone Canary*Crithagra sulphurata sharpii*

(2) 1 Kalwelwa Forest 30.8 and 1 Mwinilunga - Cryptosephalum woodlands 2.9.

Reichard's Seedeater*Crithagra reichardi reichardi*

(2) 3 Mutinondo Wilderness 3.9 and 20 Mutinondo Wilderness 4.9.

Black-eared Seedeater*Crithagra mennelli*

(2) 2 Nkanga River Conservancy 23.8 and 1 Kafue NP - north 27.8.

Old World Buntings *Emberizidae***Golden-breasted Bunting***Emberiza flaviventris kalaharica*

(4) 1 Livingstone 22.8, 1 Kafue NP - south 24.8, 1 Kafue NP - Leopard Lodge 26.8 and 1 Forest Inn, SW of Mkushi 3.9.

Cabanis's Bunting*Emberiza cabanisi*

(5) 2 Nkanga River Conservancy 23.8, 1 heard Kalwelwa Forest 1.9 and up to 2 Mutinondo Wilderness 3-5.9.

Mammals (39 in total: 37 seen, 2 heard)

Status codes: **E** = Endemic, **NE** = Near-endemic, **I** = Introduced

IUCN codes: **CR** = Critically endangered, **EN** = Endangered, **VU** = Vulnerable, **EW** = Extinct in the Wild, **NT** = Near Threatened, **DD** = Data Deficient

Elephant Shrews *Macroscelididae***Four-toed Sengi***Petrodromus tetradactylus*

(1) 1 Kafue NP--Nanzhila Plains 24.8.

Elephants *Elephantidae***African Elephant***Loxodonta africana*

(7) 12 Livingstone 21.8, 3 heard Livingstone 22.8, 15 Kafue NP - south 24.8, 25 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and up to 15 Kafue NP - north 26-28.8.

Hyraxes *Procaviidae***Rock Hyrax***Procavia capensis*

(1) 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8.

Galagos Galagidae**Southern Lesser Galago***Galago moholi*

(1) 3 Kafue NP - Leopard Lodge 26.8.

Thick-tailed Greater Galago*Otolemur crassicaudatus monteiri*

(1) 1 Mutinondo Wilderness 3.9.

Old World monkeys Cercopithecidae**Vervet***Chlorocebus pygerythrus*

(8) 20 Livingstone 21.8, 5 Livingstone 22.8, 4 Kafue NP--Nanzhila Plains 24.8, 15 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 15 Kafue NP - north 26.8, 4 Kafue NP - Leopard Lodge 27.8, 5 Mutinondo Wilderness 3.9 and 15 Mutinondo Wilderness 5.9.

Yellow Baboon*Papio cynocephalus kindae*

(4) 30 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and up to 50 Kafue NP - north 26-28.8.

Chacma Baboon*Papio ursinus griseipes*

(4) 2 Livingstone 21.8, 6 Nkanga River Conservancy 23.8, 25 Kafue NP - south 24.8 and 10 Kafue NP - south 25.8.

Rabbits, Hares Leporidae**Scrub Hare***Lepus saxatilis*

(3) 1 Nkanga River Conservancy 23.8, 3 Kafue NP--Nanzhila Plains 24.8 and 1 Mutinondo Wilderness 3.9.

Springhares Pedetidae**Spring Hare***Pedetes capensis*

(1) 1 Kafue NP--Nanzhila Plains 24.8.

Squirrels Sciuridae**Gambian Sun Squirrel***Heliosciurus gambianus*

(1) 1+1 heard Forest Inn, SW of Mkushi 3.9.

Smith's Bush Squirrel*Paraxerus cepapi*

(5) Up to 10 Kafue NP - south 24-25.8, 2 Kafue NP - north 26.8, 1 Kafue NP - Leopard Lodge 27.8 and 2 Kasempe 28.8.

Cats Felidae**Serval***Leptailurus serval*

(1) 1 Kafue NP--Nanzhila Plains 25.8.

Lion*Panthera leo leo*

(1) 3 heard Kafue NP - Leopard Lodge 28.8.

Leopard*Panthera pardus pardus*

(1) 1 Kafue NP - Leopard Lodge 26.8.

Mongoose Herpestidae**Common Dwarf Mongoose***Helogale parvula*

(1) 5 Nkanga River Conservancy 23.8.

Slender Mongoose*Herpestes sanguineus*

(1) 1 Namwala 24.8.

Banded Mongoose*Mungos mungo*

(3) 3 Kafue NP - south 24.8, 5 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 3 Kafue NP - north 27.8.

Hyaenas, Aardwolf *Hyaenidae*

Spotted Hyaena

Crocuta crocuta

(2) 1 heard Kafue NP - Leopard Lodge 28.8 and 1 heard Mutinondo Wilderness 3.9.

Civets, Genets *Viverridae*

Miombo Genet

Genetta angolensis

(1) 1 Mutinondo Wilderness 3.9.

Weasels, Skunks, Otters *Mustelidae*

Honey Badger

Mellivora capensis

(1) 1 Kafue NP--Nanzhila Plains 24.8.

Zebras, Horse, Asses *Equidae*

Plains Zebra

Equus quagga boehmi

(2) 20 Kafue NP - south 24.8 and 6 Kafue NP - south 25.8.

Pigs *Suidae*

Common Warthog

Phacochoerus africanus massaicus

(7) 3 Bantron Farm 22.8, 15 Nkanga River Conservancy 23.8, up to 10 Kafue NP - south 24-25.8, 9 Kafue NP - Leopard Lodge 26.8, 5+7 heard Kafue NP - north 27.8 and 4 Kafue NP - north 28.8.

Bushpig

Potamochoerus larvatus

(1) 7 Kafue NP - north 28.8.

Hippopotami *Hippopotamidae*

Hippopotamus

Hippopotamus amphibius capensis

(5) 3 Livingstone 21.8, 20 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 heard Kafue NP - north 26.8, 3 Kafue NP - Leopard Lodge 27.8 and 1 heard Kafue NP - Leopard Lodge 28.8.

Cattle, Antelopes, Sheep, Goats *Bovidae*

Impala

Aepyceros melampus melampus

(5) 200 Kafue NP - south 24.8.

Hartebeest

Alcelaphus buselaphus lichtensteini

(2) Up to 15 Kafue NP - south 24-25.8.

Common Wildebeest

Connochaetes taurinus

(1) 15 Kafue NP - south 24.8.

Sable Antelope

Hippotragus niger

(3) 15 Kafue NP - south 24.8, 2 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8 and 4 Lusaka 5.9.

Waterbuck

Kobus ellipsiprymnus defassa

(3) 75 Kafue NP - south 24.8 and 2 Kafue NP - north 26.8.

Puku

Kobus vardonii

(7) 15 Nkanga River Conservancy 23.8, 1 Kafue Flats 24.8 and 1 Kalwelwa Forest 29.8.

Oribi

Ourebia ourebi

(3) 2 Nkanga River Conservancy 23.8, 4 Kafue NP - south 24.8 and 8 Kafue NP - south 25.8.

Sharpe's Grysbok

Raphicerus sharpei

(1) 1 Kafue NP - south 24.8.

Southern Reedbuck

Redunca arundinum

(4) Up to 25 Kafue NP - south 24-25.8, 2 Mutinondo Wilderness 3.9 and 6 Mutinondo Wilderness 4.9.

Common Duiker

Sylvicapra grimmia

(5) 1 Kafue NP--Nanzhila Plains 24.8, 1 Kafue NP - north 27.8, 6 Kafue NP - north 28.8, 2 Mutinondo Wilderness 3.9 and 1 Mutinondo Wilderness 4.9.

Common Eland

Tragelaphus oryx

(1) 17 Nkanga River Conservancy 23.8.

Bushbuck

Tragelaphus scriptus

(6) 1 Livingstone 22.8, 30 Nkanga River Conservancy 23.8, 1 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 2 Kafue NP - Leopard Lodge 26.8, 1 Kafue NP - north 27.8 and 1 Mutinondo Wilderness 3.9.

Greater Kudu

Tragelaphus strepsiceros

(3) 8 Kafue NP--Mukambi Safari Lodge, Kafue River. 25.8, 1 Kafue NP - Leopard Lodge 26.8 and 1+3 heard Kafue NP - north 27.8.

Old World Fruit Bats *Pteropodidae*

Peters's Epauletted Fruit Bat

Epomophorus crypturus

(3) 5 heard Livingstone 22.8, 1 Kafue NP--Nanzhila Plains 24.8 and 1 Kafue NP--Nanzhila Plains 25.8.

Reptiles (5 in total: 5 seen)

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Agamas *Agamidae*

Southern Tree Agama

Acanthocercus atricollis

(1) 1 Mutinondo Wilderness 3.9.

Skinks *Scincidae*

Tree Skink

Trachylepis planifrons

(1) 2 Kafue NP - north 26.8.

African Five-lined Skink

Trachylepis quinquetaeniata

(1) 6 Mutinondo Wilderness 4.9.

Monitor Lizards *Varanidae*

Nile Monitor

Varanus niloticus

(1) 1 Livingstone 21.8.

Crocodiles and relatives *Crocodylidae*

Nile Crocodile

Crocodylus niloticus cowiei

(4) 3 Livingstone 21.8, 2 Livingstone 22.8, 1 Kafue NP - north 26.8 and 2 Kafue NP - north 27.8.

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