Ghana

25th February – 20th March 2021



Nimba Flycatcher (© Julien Mazenauer)

Introduction

This trip report is the result of a 23 full day-trip to Ghana recording a total of 458 species (11 heard-only), together with Julien Mazenauer. Julien and I had never physically met before this trip and we only knew each other from What's App, but we turned out to be a match made in heaven and had lots of fun. For me, it was the first time birding Africa in just over ten years (Ethiopia in 2011) and I had never visit Western Africa in particular. Julien did visit South Africa and Ethiopia as well in recent years, but had never been to this part of the continent as well. This meant we more or less had the same set of lifers to see and we both ended up seeing over 250 lifers! Though we indeed took our time as well, we did extremely well seeing almost all targets and adding some rare bonus species like Rufous-rumped Lark and Nimba Flycatcher!

Based on Cloudbirders more than 90% visits Ghana either with a bird tour company or a local travel agent. Not even 10% visit Ghana independently and - especially in these hard times - I wouldn't recommend going on your own. Driving is a bit challenging here and there, there are tons of annoying police checkpoints and for some places you'll need a permit to visit (for example the picathartes site). Of course it's always possible to travel independent, but things are just a bit more complicated and hey – you're still on holiday! Anyways, with many people going with local agents or bird tour companies it means good trip reports are rather scarce. The best trip reports are probably those by Matheve (2016), Gordijn (2017) and Gallardy (2020; yet to be published) – all with GPS coordinates. I'm always eager to describe the birding tactics and targets per spot, but in this trip report I also choose to elaborate on the bird families a bit – so which weaver is found where, which greenbul is the toughest to get et cetera. For me, this would be really helpful in trying to grasp all these different birds in a new country. In Ghana you'll see the same (forest) birds all over again, so I hope this chapter will help you to have a basic idea on where to see what. At the back of this report I included not only a trip list, but also a list of our combined lifers with a chance of seeing the bird and the (best) locations. In another list included this is translated in a target list per birding spot, only for the target species. This list is also included in the same chapter.

In the first place I would like to thank Kalu Afasi, the owner of Malimbetours. From the moment I reached out to him he has always been very responsive, polite and understanding regarding the situation around Covid-19! Kalu is a very keen and sharp birder, who knows very well where to find his birds. Although he didn't seem to be used to birders also knowing what they were doing and being very persistent (OK, annoying...) at times, we had a great time with him in the field. He can be contacted via What's App: +233 20 841 6873, e-mail (kalu afasi@yahoo.com) or Facebook (search for Malimbe Tours). We also would like to thanks our driver Eben(ezer) who, despite having serious car issues, always managed to get us to the birds in the end. I also would like to thank my good friend Rob Gordijn for (again) sharing his preparation map for Ghana with us, as well as Ross Gallary did regarding his unfinished trip report and GPS-coordinates. Pete Morris shared some inside information (including GPS coordinates) with Julien which was also helpful. Finally I would like to thank all the staff accommodation and park rangers for making this trip a big success!

General information

Visa

To visit Ghana you'll most likely need a visa before your intended visit. To arrange a visit you'll have to fill out a visa application form online. Before doing so, make sure you have an invitation letter from your local travel agent, two names and addresses of two references in Ghana and a copy of your flight ticket. A passport-sized photograph taken no more than six months prior to the date of submission has to be uploaded online, together with an international certificate of vaccination for Yellow Fever and a copy of bio-data page in your passport. Make sure you'll bring a print out of the signed application form to your ambassy as well. Visas issues must be used within three months from the date of issue and are valid for 90 days. In the Netherlands processing of application takes three working days.

Money & credit cards

We paid \$ 2950,- to Kalu on arrival. Julien was able to pick up USD for a good exchange rate from his bank account directly in Switzerland, but in the Netherlands this seems to be not possible. To exchange money here most banks send you to GWK Travelex, but you'll end up paying a whole lot more due to worse exchange rates and a higher commission. I took the same amount in Euro's and Kalu − our local guide − exchanged the money that very same night, adding only € 50,-. Julien, arriving earlier, took some cash from any of the ATM's at the airport just to pay for our drinks and tips. At the end of our trip we both took some extra money to pay for testing on Covid-19 before our flight back home. I was never able to withdraw money with my regular bank pas (Maestro) and only was able to take some cash from any ATM using my Visa card.

Health & safety

Ghana is amongst Africa's safest country for years now. However, make sure you bring your international certificate of vaccination for Yellow Fever with you; they do want to see this on arrival at the Kotoka International Airport as well. Also there still is malaria and it is strongly advised to take pills – either Malarone of Larium. I always prefer Malarone over Larium, the latter being known for some serious side effects. And this year there was of course Covid-19, so we had to take a fast test (antigen) on arrival. We paid 150 USD for this test, you have to pay online here before arrival: www.myfrontierhealthcare.com. Also we both needed a PCR-test to fly back home and I needed another fast test to get back to the Netherlands. A good place to take a PCR-test (if still needed by the time published) is the Nyaho Medical Centre, located close to the airport. We paid 455 GHS for a 2-days Standard test, but got the result well within 12 hours. The centre is open for testing from 8 AM till 4 PM. See for more details www.nyahomedical.com/about/updates/covid-test-prices. At the airport, at Car park 4, you can take a fast test if needed. Testing can be done between 6 PM and 8.15 PM, costs are GHS 500. For details please check www.klm.com.gh/information/faq/covid-test-locations/country.

Climate

As Ghana is all lowland, it's very hot everywhere. The heath is the north is less humid though and thus a bit more pleasant. However, it's still burning hot at midday and we didn't bird during these hours. Despite we visited Ghana at the end of the dry season, we still had some heavy showers. Luckily for us almost all rain fell during the early evening or during the night (extremely torrential rains during one night in Ankasa NP), so it didn't cost us any birding time. More information on climate regarding the birding is given in the section 'Birding in Ghana' found below.

Logistics & accommodation

The logistics and the accommodations were arranged via Malimbetours. The car worked perfectly until we hit an overnight self-made speed bump on our third day on our way to the canopy walk in Kakum NP. This was the kick-off of some troubling issues with the car, especially on our way from/to Mole NP. Luckily it didn't cost us much birding time and as we had two full days in Kumasi (as Julien needed to follow an online course for work later that spring), this time was used to fix the car and we did the drop-off and pick-up in Bobiri Butterfly Sanctuary by taxi. Generally roads in Ghana are quite OK, though there are some stretches with many potholes – especially to/from Half Assini, the short-cut to the east of Kumasi (Eijsu – Bekwai Rd) and some parts of the road to/from Ho. Many police checkpoints, so make sure you wear your belt and – in our case – your face masks.

The accommodations were surprisingly good – to speak for myself. We had aircon and hot shower in most of the accommodations. Only in the Frenchman's Lodge (Ankasa NP) there is no hot boiler and in the Royal Bleumich Hotel in New Tafo (for birding Atewa Range) the boiler wasn't working. The beds in the Frenchman's weren't the best, but we enjoyed the food and the friendly people. Most accommodations have WiFi around the reception area, some even have good connection in the room like the Summer View Lodge in Shama (for birding Nsuta) and the Mole Hotel. There is very poor cell phone connection in Ankasa NP. We both very much enjoyed the famous Hans Cottage Botel near Cape Coast (for birding Kakum area) as they have a very nice dining area, and the same is true for the Mole Hotel. A bit less special but still highly recommendable is the Excelsa Lodge in Kumasi, we preferred this over the Palfina Hotels where we also stayed for one night. During our last few nights we very much enjoyed the luxury Chances Hotel in Ho (for birding Kalakpa).



Julien (left) and me after our successful trip

Itinerary

To make up a itinerary for Ghana isn't as difficult as it can be for other countries. Apart from the decisions you have to make about including the far north and/or Kalakpa in the end (see the next chapter), the rest of the itinerary is rather straightforward. If you have 20 full days you can easily visit all the birding spots, excluding the far north but including Kalakpa. We added three extra days for birding: one extra day in Ankasa to have a chance for Grey-throated Rail, White-breasted Guineafowl and African Pitta; one extra day in Atewa Range to improve our chances for Nimba Flycatcher and one extra day in Kalakpa to improve our chances of seeing Capuchin Babbler. We did end up seeing the latter two species both on the very first day there, but saw none of the bonuses in Ankasa. Also, three days of Ankasa is really enough – as it can be really quit here and birding is (as usual) very hard. Most people will only spend here two full days and still end up seeing most of the targets here. And finally, we had to add one extra day due to the online course Julien had to follow for his upcoming work. In total we added four extra days, all marked with an * in the itinerary below. Placed in between brackets in the second column are what would the probably the ideal itinerary if you have up to three weeks. In the thirds column (m) stands for morning, (a) for afternoon and (e) for evening.

Date	Day	Route
25 Feb	1	KL0589: Amsterdam - Accra (14:25 - 19:55)
26 Feb	2	Birding Shai Hills Reserve (m) and drive to Cape Coast (a)
27 Feb	3	Birding Kakum National Park
28 Feb	4	Birding Kakum National Park (m), river Pra and Gyawari (a)
1 Mar	5	Birding Wassa forest / Nsuta forest
2 Mar	6	Birding Nsuta forest
3 Mar	7	Birding Nsuta forest (m), drive to Ankasa via Ebi (a)
4 Mar	8	Birding Ankasa National Park
5 Mar	9	Birding Ankasa National Park*
6 Mar	10 (9)	Birding Ankasa National Park
7 Mar	11 (10)	Birding Half Assini and Ebi (m) / drive to Cape Coast and bird Brenu
		Akyinin (a)
8 Mar	12 (11)	Birding Antwikwaa (m), drive to Bonkro and bird Nyamibe (a)
9 Mar	13 (12)	Birding Opro forest (m), drive to Mole National Park (a)
10 Mar	14 (13)	Birding Mole National Park
11 Mar	15 (14)	Birding Mole National Park
12 Mar	16 (15)	Birding Mole National Park (m), drive to Kumasi (a)
13 Mar	17	Birding Bobiri*
14 Mar	18 (16)	Birding Bobiri, drive Atewa (e)
15 Mar	19 (17)	Birding Atewa
16 Mar	20	Birding Atewa*
17 Mar	21 (18)	Birding Atewa (m), drive to Accra (test) and drive to Kalapka (e)
18 Mar	22	Birding Kalapka*
19 Mar	23 (19)	Birding Kalapka (m), drive to Accra> KL0590: Accra – Amsterdam
		(22:15 - 05:50)
20 Mar	24 (20)	Arrival in the Netherlands (05:55)



Accra and important birding spots: 1. Kotoka International Airport; 2. Shai-Hills Resource Reserve; 3. Kakum National Park (including Abrafo / Antwikwaa) + Wassa forest; 4. River Pra; 5. Nsuta Forest; 6. Ebi Wetland; 7. Ankasa National Park; 8. Half Assini; 9. Brenu Akyinin; 10. Bonkro / Nyambe Forest; 11. Opro Forest Reserve; 12. Mole National Park; 13. Bobiri Butterfly Sanctuary; 14. Atewa Range Forest Reserve; 15. Kalakpa Resource Reserve [Please note that the far north is not included in this itinerary]

KMZ-files for these and 97 other GPS-coordinates are available via sjoerdradstaak@gmail.com

Birding Ghana

Ghana is politically stable, has a good infrastructure with generally good accommodations and decent food. Travelling is convenient and comfortable. No wonder Ghana is the most accessible country in West Africa for forest birding and thus the easiest and most comfortable way to connect with the Upper Guinea endemics. Though nearby countries like Ivory Coast, Liberia and Sierra Leone have probably more to offer birdwise, there are either politically unstable and/or underdeveloped for tourism. Ghana should thus be on every world birder's list.

Though Ghana does not have any endemics, it holds several good species. The best species here are to be found in Upper Guinea forest, which is one of Africa's two major lowland rainforest zones stretching among Ivory Coast, Guinea, Liberia, Sierra Leone and — of course — Ghana. Birdlife puts 15 species on this list, including Liberia Greenbul (*Phyllastrephus leucolepis*) which is considered a plumage variant of Icterine Greenbul (*Phyllastrephus icterinus*) by IOC. Of these 14 species you'll have a good chance of seeing 7 to 9 species: Brown-cheeked Hornbill, White-necked Rockfowl, Sharpe's Apalis, Green-tailed Bristlebill, Yellow-bearded Greenbul, Rufous-winged Illadopsis and Copper-tailed Starling. If you are lucky you'll also get Nimba Flycatcher and if really lucky White-breasted Guineafowl. Except for Western Wattled Cuckooshrike (only old sightings on eBird in Taï National Park in western Ivory Coast) all the other Upper Guinea endemics can best be found in Sierra Leone.

In an older article by Allport (1991) the following 10 extra species are mentioned as rare, range-restricted birds: Yellow-casqued Hornbill, Yellow-footed Honeyguide, Little Green Woodpecker, Fire-bellied Woodpecker, Grey-headed Bristlebill, Yellow-bearded Greenbul, Baumann's Olive Greenbul, [Spot-winged Greenbul], Finsch' Rufous Thrush, Ussher's Flycatcher and Buff-throated Sunbird — all very much possible. Personally I would remove Spot-winged Greenbul [] from the list, as it is much more widespread than the other mentioned species. Also, there seems to be species not included here with a evenly or more restricted range — though some not split at the time. I would add to this list: Blue-moustached Bee-eater, Melancholy Woodpecker, Red-cheeked Wattle-eye, West African Wattle-eye, Red-billed Helmetshrike, Western Bearded Bee-eater, Kemp's Longbill, White-tailed Alethe, Red-vented Malimbe, Red-fronted Antpecker, Yellow-chinned Sunbird and (debatable) Fanti Saw-wing. All these species are more or less confined to the [Upper] Guinea forest. In total this makes a total of 34 species, of which 30 are possible with luck in Ghana. A list can be found at the end of this chapter.

Next to these Upper Guinea endemics there are 45 bird species best to be found in Ghana (BT) and another 13 which are best found in Ghana and in one more country (B2), all specified in the book 'The Birder's Guide to Africa' (Mills, 2017). There are referred to as BT and B2 in the first target list in the back of this report. Among these total of 58 species are some more nice-looking species like Rosy Beeeater, White-crested Hornbill, Capuchin Babbler, Long-tailed Hawk and Red-winged Pytilia.

Birding Ghana involves these Upper Guinea forest patches and some savannah in the north (Mole NP) and southeast (Shai Hills). Some people include the far north for some Sahel specialties (Fox Kestrel, White-billed Buffalo Weaver, Chestnut-bellied Starling et cetera) and the range-restricted Black-backed and Rock-loving Cisticola – the latter a likely future split from the birds more east. However, this will cost you at least two or three extra days and for the Sahel specialties you'd better visit Senegal. One can thus decide to skip to far north and focus on the real targets in the forest zone instead. Some people also opt not to visit Kalakpa at the end and fly out of Accra coming back from Atewa Range. Kalakpa will indeed only get you Capuchin Babbler and Baumann's Olive Greenbul, and the savannah surrounding it holds some (nice) birds you've probably seen in Mole NP. The actual forest was rather boring except for those two targets, so I would only include when you have time like we did.

Like said, birding Ghana mostly involves forest birding. As all the forest patches are part of the same forest zone, you'll keep on seeing the same species. This means you have multiple chances to connect with target species and get better views. This, getting better views, is good as many birds seem to be surprisingly fast, shy and skittish. And most birds are either high up in the canopy or low down in thick bushes. Taking decent bird pictures is a hell of a job and though I always wear a camera on me, I didn't get the pictures I usually get – as it was hard enough for me to lay my eyes on the birds first. The best opportunities are out in the savanna, but even there I was sometimes surprised to see some of the birds begin rather shy. Having been to places famous for the birds being shy (like the Philippines or West-Papua) I didn't expect it here to be that evident. We enjoyed good views of many good birds on our last day in the Legon Botanical Garden in downtown Accra!

	GUINEA FOREST ENDEMICS (possible in Ghana)
	Combined list of Birdlife, Allport* and range check BT and B2
	- species (13) marked in bold here only occur in the Upper Guinea forest
1	White-breasted Guineafowl
2	Brown-cheeked Hornbill
3	Yellow-casqued Hornbill
4	Blue-moustached Bee-eater
5	Yellow-footed Honeyguide
6	Little Green Woodpecker
7	Fire-bellied Woodpecker
8	Melancholy Woodpecker
9	West African Wattle-eye
10	Red-cheeked Wattle-eye
11	Red-billed Helmetshrike
12	White-necked Rockfowl
13	Green-tailed Bristlebill
14	Grey-headed Bristlebill
15	Western Bearded Greenbul
16	Yellow-bearded Greenbul
17	Baumann's Olive Greenbul
18	Fanti Saw-wing
19	Kemp's Longbill
20	Sharpe's Apalis
21	Rufous-winged Illadopsis
22	Copper-tailed Starling
23	Finsch' Rufous Thrush
24	White-tailed Alethe
25	Nimba Flycatcher
26	Ussher's Flycatcher
27	Buff-throated Sunbird
28	Yellow-chinned Sunbird
29	Red-vented Malimbe
30	Red-fronted Antpecker
	ather and agreementing of three taged hinds in the Hunner Crising forest (C. Allegat). Died Consequenting

^{*} The status and conservation of threatened birds in the Upper Guinea forest (G. Allport), Bird Conservation International (1991) 1:53-74

Bird families

Raptors (plate 14-27)

Though there are 61 raptors illustrated in the book, we recorded 'only' 35 species during our trip. Most of the species occurring are either widespread or European migrants wintering here. The most commonly seen raptor is of course Yellow-billed Kite (everywhere), but in Accra we also recorded Shikra, Lanner Falcon and Common Kestrel for example. In the forest interior focus on Red-thighed Sparrowhawk, Congo Serpent Eagle, Long-tailed Hawk and Cassin's Hawk Eagle — all only occurring in the tropical rainforest of West- and Central-Africa. Occurring also outside of the forest interior and all the way to East-Africa is Red-chested Goshawk. We also did record African Cuckoo Hawk, Black Sparrowhawk, Ayres's Hawk Eagle and Crowned Eagle in the forest zone, but — though nice — they all have a much wider distribution in Africa. In the savanna, usually on/from your way to Mole, Grasshopper Buzzard and Beaudoin's Snake Eagle are the only real targets — both being Sahel specialists (the snake eagle only in the western half). Out in the savanna we also record species like Palm-nut Vulture, Western Banded Snake Eagle, Red-necked Falcon, Lizard Buzzard and Wahlberg's Eagle — all much more widespread in Africa. Of all these, Grasshopper Buzzard and Lizard Buzzard are the most common. We did record all possible vultures as well: Hooded, White-headed and African White-backed.

Cuckoos (Plate 56-58)

With Ghana holding 14 species of cuckoos, things aren't too hard. Of the bigger cuckoos Levaillant's Cuckoo was surprisingly common, of the smaller cuckoos Klaas's Cuckoo. The similar Diederik Cuckoo was only seen once by us. Runner up must be African Emerald Cuckoo, though only heard-only (hardly tried). Target-wise focus on the long-tailed cuckoos and Yellow-throated Cuckoo, all three having a patchy distribution throughout the tropical rainforest of West- and Central-Africa. Olive Long-tailed Cuckoo is heard frequently, but seeing it was a bit hard. Dusky Long-tailed Cuckoo is only in Ankasa NP and was heard-only by us. The best place for Yellow-throated Cuckoo is Atewa Range, but we did not found it (probably early in the season is better). Thick-billed Cuckoo is a more widespread species, but is good to look for at Kalakpa. Interestingly African Cuckoo is moving south in the dry season according to the book, but many people – also us – record this species in the dry season, usually in Mole NP.

Hornbills (plate 75-77)

With 12 species hornbills are well-represented in Ghana, though there are usually not difficult to tell apart unless at a big distance. Two species are outnumbering all the others: African Pied Hornbill in the forest / wooded habitats and African Grey in savanna. Piping Hornbill is easily seen as well, though usually only in the Kakum area, Nsuta and Ankasa NP. We were surprised to see it in the Legon Botanical Garden in Accra as well. Also here, and even more surprising, was a juvenile Northern Redbilled Hornbill which should only occur in the north according to the book. Both the dwarf hornbills, Brown-cheeked Hornbill and White-crested Hornbill can turn up anywhere in the forest zone, with the latter being the most evenly seen at all forests based on eBird observations. The both 'casqued' hornbills are the hardest to get, based on trip reports (6/9 for Black and 5/9 for Yellow). Yellow-casqued almost only is seen at Ankasa NP (heard-only by us). Black-and-white-casqued Hornbill is very rarely seen in Ghana, but is more easy elsewhere. Abyssinian Ground Hornbill is seen by most at Mole NP.

Bulbuls (plate 93-96)

Ghana holds 24 species of bulbuls, called greenbuls, leafloves or bristletails. We saw all except Leaflove. They can be confusing, but some things are good to know. Most bulbuls are at mid- or low-level, only Slender-billed and Golden Bulbul are only in the canopy and rarely lower down. All prefer forest, but in the farmbush you can find Little Greenbul, Simple Greenbul, Swamp Palm Bulbul and Common Bulbul. The most confusing ones are probably Little, Little Grey, Ansorge's and Plain. Look for the eye-ring and colouration of the underparts. Distinctive species are Golden, Honeyguide and Spotted Honeyguide; Yellow-throated Leaflove and Western Nicator. Simple Greenbul seems less striking in the field than in the book. A smaller, yellowish bulbul lower down is Icterine Bulbul. Redtailed and Green-tailed are best identified by their calls and – surprisingly – colouration of the tail. Redtailed Greenbul has a green tail here (!) and is easily recognized by the white throat and yellow belly. Western Bearded and Yellow-bearded are more similar in name than in the field. Most are regular seen/heard, but pay extra attention to Western-bearded, Yellow-bearded, Baumann's Olive (very local) and White-throated Greenbul, plus Green-tailed Bristlebill. Most are secretive, for us in particular Yellow-whiskered, White-throated and Baumann's Olive Greenbul; Western Nicator and all bristlebills!

Cisticolas (plate 107-108)

Unfortunately there are also 11 species of cisticolas occurring in Ghana. Of these, two species seem to occur regular but very local in the (far) north: Black-backed and Rock-loving Cisticola. Two more species occur more widespread in the north and are mostly seen in Mole NP: Rufous Cisticola and Dorst's Cisticola. Both these two species have a fairly patchy distribution in western Africa. Winding Cisticola is only locally seen around Accra and around Cape Coast. The bigger, streaked cisticola seen is Croaking Cisticola in most cases. This leaves Red-faced, Singing, Whistling and Short-winged Cisticola over – all having more or less plain upperparts in winter. We saw all except Whistling (only seen once by us) at Kalakpa RR. Of course their songs are the key to the ID.

Flycatchers (plate 111-113)

Ghana holds 18 species of flycatchers, not including the monarchs, paradise flycatcher and shrike flycatchers. Europeans visitors will recognize Spotted and Pied Flycatcher – both wintering here. We did record all except three, that is: White-browed Forest Flycatcher, Ashy Flycatcher and Gambaga Flycatcher. The ones with a more range-restricted range are: White-browed Forest Flycatcher, Nimba Flycatcher, Olivaceous Flycatcher, Little Grey Flycatcher, Tessmann's Flycatcher and Ussher's Flycatcher. The Nimba Flycatcher only occurs in the Atewa Range and at Mt. Nimba in Liberia. It is usually seen here 1 in 10 trips, so we were lucky to see it on our first day here. White-browed Forest Flycatcher is only possible at Ebi Wetland, but we did not see it. Based on eBird observations all the other targets can be seen at several locations in the forest zone, with the former two species and Olivaceous Flycatcher being the toughest to get. We found Little Grey Flycatcher to be especially common at Atewa Range, but had a hard time getting our eyes on Tessmann's Flycatcher (heard-only).

Sunbirds (plate 119-122)

Ghana holds 23 species of sunbirds, of which did see all except the rare Bates's Sunbird. Most sunbirds are in the forest, except Mangrove and Reichenbach's Sunbird (mangrove), Carmelite Sunbird (coastal areas) and Variable, Green-headed, Splendid and Copper Sunbird (almost all except forest). Most forest species seem to like edges, clearings and so on. All forest species are usually high up as well, frequenting the canopy, so a scope is always useful. Species that are especially high up are Little Green, Brown-throated Brown and Johanna's Sunbird. Olive and Fraser's Sunbird are usual at low or mid-level.

The most range-restricted species is now Yellow-chinned Sunbird, only very recently split from Greychinned Sunbird. It is usually found in the canopy as well. Collared Sunbird can be – and is – anywhere. Some are only found in the savanna, typically in Mole only: Western Violet-backed, Pygmy, Beautiful and Scarlet-chested Sunbird. As for ID only two couples are tricky: Tiny and Olive-bellied, and Superb and Johanna's Sunbird. Sometimes accompanying females can be helpful in the ID as well. For both couples look for the bill shape and size/shape.

Drongos (plate 128)

Only four species occur in Ghana, but all have recently renamed by IOC and are extremely similar. Luckily all four species have specific habitats. All except one (Western Square-tailed Drongo) are fairly common. Velvet-mantled Drongo is now split into this species (not in Ghana) and Fanti Drongo. Together with Shining Drongo it occurs in the forest: Fanti along tracks, clearings and edges and Shining in interior forest, where at mid-level. Fork-tailed Drongo is now split in this species (not in Ghana) and Glossy-backed Drongo. Together with Western Square-tailed Drongo it occurs in savanna habitat: Glossy-backed in various types of woodland (but not inside forest) and Western Square-tailed in forested areas in savanna.

Starlings (plate 129-131)

Though there are only 11 starlings regularly occurring in Ghana, they can look pretty similar at first glance. In the book they still have confusingly long names: Forest Chestnut-winged Starling is now called Chestnut-winged Starling and it's now just Copper-tailed, Splendid, Purple and Bronze-tailed Starling, instead of 'Glossy Starling'. However, it's still Long-tailed Glossy Starling. Furthermore, the current book claims some forest to be in the forest (plate 129) and savanna (plat 130). However, this doesn't hold as Splendid Starling, Purple Starling and Long-tailed Glossy Starling now occur in Accra as well — so don't focus too much on the range maps here. This leaves only Narrow-tailed, Chestnut-winged and Copper-tailed Starling to be exclusively in the forest — all in the canopy. Of these three starlings only Narrow-tailed Starlings can be readily missed (only seen by us in Wassa forest). We did not record any of the 'blue-eared' starlings (including Bronze-tailed), but these are possible in the savanna.

Weavers (plate 133-136)

Ghana holds 15 species of weavers, of we did see all except Vitelline Masked. Three weavers are exclusively in the forest zone: Yellow-mantled, Maxwell's Black and Preuss's Weaver. All are in the canopy and we did see all of them from the canopy walk in Kakum NP. Yellow-mantled and Maxwell's Black are fairly common in all forests, with Preuss's being the uncommon one. Outside of the forests in the south you'll see Village Weaver, most often with Vieillot's Black Weaver. In Mole you'll see Little Weaver and Black-headed Weaver, most likely both in winter plumage. Red-headed Weaver is also there. Slender-billed and Orange Weaver are both local and typically near water. Black-necked Weaver is fairly common, but can be anywhere and not in numbers. Heuglin's Masked is local and in wooded savanna, though we did see it in Opro. Both Compact and Thick-billed Weaver (previously called Grosbeak Weaver) people see in Atewa Range, the former in the farmbush and the latter inside the forest.

Shai-Hills Resource Reserve

Shai Hills RR is a savanna habitat close to Accra and usually the first location to go to on everybody's itinerary. Birding is easy and you'll pick up on some nice West-African species like Violet Turaco, Bluebellied Roller and Yellow-crowned Gonolek. The most important target here is White-crowned Cliff Chat and if you don't include the far north it's your only chance for the localised species. It's your only chance seeing the very localized subspecies etchecopari of African Barred Owlet (Chestnut Owlet)

Logistics

The Shai Hills RR is located just northeast of Accra. From the airport it will take you about 1.5 to 2 hours to get there, very much depending on the traffic. It might be ideal to overnight in Tema. The reserve is just along the highway N2 and the parking is found at 5.8834, 0.0385.

Birding

Birding Shai Hills RR is quite straightforward. From the parking there is a trail going all around the Shai Hills itself (18.2 km). We walked it clockwise more or less until where the savanna starts on your left hand at 5.8960, 0.0451. The cisticolas out here are usually Craoking (the big one) and Short-winged Cisticola. Most target birds can be found before you'll reach this point, except African Barred Owlet. You'll find the White-crowned Cliff Chat (trip-only*) at the cliffs around 5.8902, 0.0435. This is also where we had our first Stone Partridges and our only fly-by European Bee-eater. For the owlet you'll have to drive all the way to the northern or eastern side. At the northern side it is found around 5.929, 0.0754, at the eastern side around 5.9023, 0.0691. The best time is the morning, but we did find it singing at the middle of the day (OK, with some help). Please note this is over 10 km of dirt road from where the car will pick you up, so it will take you at least 30 minutes to get there. We did see our only Slender-billed Weaver of the trip at 5.9081, 0.0528, usually seen at Mankessim (if at all).

Kakum National Park (& Pra river)

Kakum NP is famous for its canopy walk and is probably your first experience with forest birding in Ghana. It's one of few opportunities to get good views of the many canopy-dwellers in Ghana. Most likely you won't spend a lot of time inside the borders of the national park at all, as there are two farm bush areas worth spending some time and Abrofo forest which is just west of the national park itself. Most people combine this with a visit to the Pra River during the hot hours of the day. There are no real targets, but it is a good place to see Brown Nightjar, Fanti Saw-wing and Violet-backed Hyliota – all seen only seen here by us.

Logistics

Most people will stay in the Hans Cottage Botel** in Effutu. From here it's about 20 min (22 km) to the entrance of the national park. Just 2 km before this point is the turn-off for the farm bush around Odumasa Abrafo and Abrafo forest, see details below. In between is the turn-off the International Stingless Bee Centre / Gyawari. From the national park itself to the Pra River for Rock Pratincole is almost an hour drive (42.4 km). In between, about a 10 minutes' drive (11.1 km), is the turn-off for another famous farm bush area: Antwikwaa.

[* I use the trip-only only sporadically, as for example in Mole a lot species are trip-only and I refer to it in the introduction of most birding spots here as well]

Birding

Birding Kakum NP involves more or less three areas: [1] the famous canopy walk inside the park itself, [2] the farm bush around Odumasa Abrafo (hereafter: Abrafo) just south of the park's entrance and Abrafo forest and [3] the farm bush northeast of Gyankoko (known as: Antikwaa or Antekwa, hereafter Antikwaa). A visit to Kakum NP is usually combined with a visit to the Pra River for Rock Pratincole and White-bibbed Swallow. Most people spend one full morning at the canopy walk inside the park itself, then drive all the way to Twifo Praso (Pra River) and spend the afternoon also on the canopy walk. We spent another consecutive day birding the farm bush around Abrafo. Anwikwaa was visited in the morning on our way up north to Bonkro / Nyambe forest, as many people do.

[1] The national park itself is conveniently located along the R82 and the entrance is found at 5.3463, -1.3842 (right hand). Soon after you'll see the park's headquarters and this is where you'll park the car. After buying tickets it's only about a 20 minutes' walk to the famous canopy walk. It's quite a hilly area, so it's mostly climbing up but trails are good. From here things are rather straightforward. It's always a surprise what one will get, but from the platforms we connected with goodies like Violet-backed Hyliota, Fanti Saw-wing, Sabine's Spinetail, both Bristle-nosed and Naked-faced Barbet, Yellow-billed Barbet, Forest Wood Hoopoe, Usscher's Flycatcher, Preuss's Weaver, Blue-throated Roller, Black-casqued Hornbill, Hairy-breasted Barbet, Chestnut-winged Starling and Blue Cuckoo-shrike. Watch for a fly-by Black Spinetail. Heard-only were White-crested Hornbill and Congo Serpent Eagle. In general it's just a really nice opportunity to get proper looks of the canopy species like Rufous-crowned Eremomela, Little Green Sunbird, Sharpe's Apalis and Golden Bulbul. In the evening Brown Nightjar starts calling here. We didn't see it, but saw one along a trail starting past the parks' entrance somewhere at 5.3541, -1.3915. This is also where Ross Gallardy saw one.

[2] The farm bush around Abrafo is found just west of town. The entrance of this road is at 5.3288, -1.3789 (turn left), just south of town. We parked at 5.3270, -1.3813 and started walking westwards along this dirt road. At 5.3269, -1.3833 there is a good forest path which hold Grey-headed Bristlebill, Puvel's Illadopsis and West African Wattle-eye. This is also where we found our first Black Bee-eater. From the road we picked up on – our first – Black-necked Weaver, Red-winged Prinia, Piping Hornbill, Brown-crowned Tchagra (trip-only), Green-headed Sunbird, Blue-billed Malimbe, Yellow-browed Camaroptera, Green Crombec, Speckled Tinkerbird, Orange-cheeked Waxbill and more. The cisticola's out here involve Red-faced, Singing and Whistling Cisticola. Make sure you stop at the pond holding a weaver colony at 5.3218, -1.4099, which holds many Village and Vieillot's Black Weavers. This pond is also a known stake-out for Shining-Blue Kingfisher and we had two surprise Red-breasted Swallows.

Almost at the end of this road, almost about 5 km in, we entered the forest – somewhere at 5.3219, -1.4171. From a small trail in the forest we connected with some new species, like Red-rumped Tinkerbird, Red-tailed Bristlebill, Western Nicator and Icterine Bulbul. The trail ends at a more or less open area at 5.3156034, -1.4209697. This is where we did see Buff-throated Sunbird, Lemon-bellied Crombec, Yellow-billed Turaco and Fanti Saw-wing. If you are birding here till dusk, the whole stretch is good for night birds – most notably Fraser's Eagle Owl and Black-shouldered, Long-tailed and Plain Nightjar.

At the other side of Abrafo, past the fabulous International Stingless Bee Centre, there is a known stake-out for White-spotted Flufftail at 5.3477, -1.3725. This is also where we did see a Blue-shouldered Robin-Chat (trip-only), after trying hard for over an hour. Not much here otherwise, except for our first Forest Robin (ssp. *inexpectatus*) of the tour. We started night birding here at the open fields on the right at 5.3551, -1.3682, but didn't see the hoped for Black-shouldered Nightjar or Fraser's Eagle Owl. We then tried the other side (as we did do this in the morning) but had no luck. We did see Long-tailed and Plain Nightjar, mostly at the dirt road west of Abrafo (see above).

[3] The farm bush called Antwikwaa is accessed via Gyankobo at 5.3989, -1.4578 (turn right). We parked just east of town at 5.4026, -1.4494. From here we just followed the dirt road, all the way to 5.4133, -1.4312 (about 2.7 km). We didn't make it to the forest as some people do, like Gallardy. If you want to enter the forest here (5.4434, -1.4156) you'll have to pay 10 GHC. Most important here was Red-cheeked Wattle-eye and we managed to see a nice male and juvenile at 5.4074, -1.4469. This is also a stake-out for White-spotted Flufftail and we heard two at 5.4043, -1.4481. Other (new) birds worth mentioning here are Black-and-white Shrike-Flycatcher, Dusky-blue Flycatcher, Red-vented Malimbe, Hairy-breasted and Naked-faced Barbet, Tit Hylia (at eye-evel), Olive-green Camaroptera, Slender-billed Bulbul (low down), Swamp Palm Bulbul, Melancholy Woodpecker and White-rumped Swift. We tried hard also for Lowland Sooty Boubou (best seen here), but we just couldn't find one.

Wassa forest

This is a new spot on the birding map, but very worthwhile visiting!

Logistics

From Hans Cottage Botel it's about a 45 minutes' drive (32.7 km) to the edge of Wassa forest.

Birding

With the Abrafo forest being cut down more and more, the 'back' of Abrafo forest – known as 'Wassa' forest – seems to be the next logical birding destination. This forest destination can be birded from a narrow asphalted road that passes right through it for about 2.6 km. The forest edge near the village of Akwaku (from which you'll probably come from) starts at 5.2891, -1.5003. We mainly birded from the road, but also entered the forest around a couple of times (see below). From the road we recorded our first Melancholy Woodpecker, Spotted Honeyguide, Red-tailed Greenbul, Fraser's Forest Flycatcher, Brown-cheeked Hornbill, Finsch's Rufous Thrush and White-tailed Alethe. We had better views of Copper-tailed Starling and Red-fronted Parrot. Julien saw our only Bates's Swift and had short views of Little Green Woodpecker.

As said, we entered the forest a couple of times. The first time was around 5.2920, -1.5025 (right hand), where we did find a nice fruiting tree yielding our only Narrow-tailed Starlings of the trip. A second time was in the first bend to the right, around 5.2945, -1.5035 (right hand). Here we did see our first Shining Drongo and Black Dwarf Hornbill. The best trail starts however at 5.2955, -1.5091 (left hand) and is actually more like a logging track. It is here we did see our first Chocolate-backed Kingfisher, Rufous-sided Broadbill, Red-fronted Antpecker and Yellow-bearded Greenbul. We did hear (and see) the kingfisher and broadbill couple of times after, but both the antpecker and the greenbul were only seen once this trip at 5.2906, -1.5115.

Nsuta forest

This forest is logged at a rapid rate, but still seems to hold many good birds. We had great encounters here with target species like African Piculet, White-crested Hornbill, Brown-cheeked Hornbill, Red-billed Helmetshrike and Red-billed Dwarf Hornbill. It's one of two places to connect with Spot-breasted Ibis.

Logistics

Nsuta forest is located along the Dabaoase – Twifo Praso Rd. It is usually birded from the village of Shama, from where it is about 50 minutes (37.4 km) from the Summer View Lodge. We very much enjoyed the Shama Beach Resort, but having no internet and this being another 10 extra minutes we changed hotels. Also no (diet) coke, a real bummer!

Birding

Birding Nsuta forest is pretty straightforward. We birded two trails here, one starting at 5.2916, -1.6458 and another one at 5.2834, -1.6429. The first trail (visible in MAPS.ME) is the most northern trail and starts on the right hand, while the second trail is 1.1 km south of this trail on the left hand. We spent one late afternoon and one morning along the first few 100m of the first trail and one afternoon and a full morning along the second trail. We only walked about 1.4 km in along the first trail, till about 5.3019, -1.6434. Most notable (first) sightings here were White-crested Hornbill, Finsch's Rufous Thrush, Blue-headed Crested Flycatcher, Brown Illadopsis (seen), Yellow-chinned Sunbird, Kemp's Longbill, Spotted Greenbul, Fire-bellied Woodpecker, Red-vented Malimbe and Tit Hylia. Both Rosy and Black Bee-eater are around. The more open area around 5.2964, -1.6447 holds African Piculet. From the road we picked up on Long-tailed Hawk (perched juv.), our first HO Fraser's Eagle-Owl and a fly-by Spot-breasted Ibis (trip-only).

The second trail is more like a dirt road, but we liked the forest along it better. We walked all the way till an open spot on the right, at 5.2796, -1.6575. Along the trail we noted – along others – Browncheeked Hornbill, Johanna's Sunbird, White-headed Wood Hoopoe, Yellow-footed Honeyguide, Thick-billed Honeyguide, Red-billed Helmetshrike, Red-billed Dwarf Hornbill and Western Bronze-naped Pigeon. We also did record most of the species seen or heard along the first trail, but this trail is probably better for African Piculet and forest interior species like Brown Illadopsis.

Ebi wetland

This wetland is located just along the coast and is an easy stop-over on your to/from Ankasa. It's the easiest place to connect with Hartlaub's Duck and the mangroves around hold the local Mangrove and Reichenbach's Sunbird, and for the lucky ones White-browed Forest Flycatcher. It a nice place to add some trip ticks. Just east of Ebi Wetland two more rivers (Ebi is also the name of the river) flow out in the sea: Ankobra and Amanzule River. Probably all can yield the specialties.

Logistics

For practical reasons I decided to also include another stop on your way to/from Ankasa NP here, that is Lily's Pond at Bokro (4.8919, -1.8888). This stop-over is located about an hour drive (32.1 km) from the Shama Junction. From here it's another 75 minutes' drive (64.3 km) to Ebi wetland, but there are two more similar mangrove area that could be visited before: Ankobra and Amanzule River — both around an hour drive from Lily's Pond.

Birding

Lily's Pond is a good stop for Orange Weaver, Allen's Gallinule and African Pygmy Goose. On your way to Ebi wetland you could also stop at the Ankobra River (4.9033, -2.2696) and Amanzule River (4.9475, -2.3743). Both stops most probably yield the target species Reichenbach's and Mangrove Sunbird, but you have to be lucky for White-browed Forest-Flycatcher. Try especially for this species at the Amanzule River, both sides look really good. White-bibbed Swallow is usually around as well, in case you (still) need it.

The Ebi wetland is located at about 4.9629, -2.4081. The actual wetland is on the right hand side and we added some familiar species (most trip-only) from back home to our growing list, like Little Egret, Eurasian Whimbrel, Common Greenshank, Grey and Purple Heron. It's the place to look for Hartlaub's Duck (winter) and we found up to 10 birds of this pretty ducks. The bridge at 4.9639, -2.4093 is a good place to go down on the left side and try for the flycatcher. We tried hard on the way in and out, but just couldn't find it. Also here we did see Wite-bibbed Swallow, a beautiful swallow!

Ankasa NP

This national park is located close to the border with Ivory Coast. Unlike Kakum NP where you visit several habitats over multiple days, in Ankasa you will most likely only bird the dirt road that runs straight through the hot lowland tropical forest. Birding is usually though, but rewarding at times. Ankasa NP also holds more specialties usually only seen here, like White-bellied Kingfisher, White-crested Tiger Heron, Yellow-casqued Hornbill, Dusky Long-tailed Cuckoo, Great Blue Turaco, African Finfoot and – for the lucky few - White-breasted Guineafowl and Grey-throated Rail.

Logistics

From the Ebi Wetland to the entrance of Ankasa NP is about an hour drive (42 km). You can choose to stay in the famous Ankasa camp just left of the park's entrance, but personally I really don't see why because you can also conveniently stay in the Frenchman's Lodge – just 2 km from the park's entrance. They serve excellent food and – even better – have Nkulengu Rail in the 'garden'.

Birding

Birding Ankasa NP is actually pretty straightforward. There is only one track that leads into the forest and there are hardly any other tracks. The park's entrance is at 5.2156, -2.6510. The bridge is a good place to connect with your first Cassin's Flycatcher and there seems to be Tiny Sunbird around as well. If there are pools around, it is worth checking for White-bellied Kingfisher. At night we tried for both Fraser's and Akun's Eagle Owl just around the entrance, finding both. Fraser's was just right of the entrance and Akun's was just in the small wooded valley between the main road and the houses on the slope in the village itself (5.2130, -2.6501). Nkulengu Rail can be found inside the park, but we heard and eventually saw four of them early morning just down below the Frenchman Lodge at 5.2045, -2.6401. Just wait behind the lodge till you hear them and then run for it before they stop calling.

The track itself leads all the way up to a former field station(?) and behind that the powerlines and some pools. There is one track on the right (past a sign) at 5.2448, -2.6403 which holds Red-chested Owlet (heard-only there, later seen). The former field station is located at 5.281, -2.6415 on the right hand, about 8 km from the entrance. Soon after this the track becomes more like a small trail. The powerlines are about 400 meter past the station. The first pool is about 500 m past this point at 5.2902, -2.6396, a second one about 160 meter in at 5.2904, -2.6382. After this point the track becomes a bit overgrown. The pools are a good place to connect with White-bellied Kingfisher, though they seem to be all around and you just need a bit of luck to see them perched. We also recorded Harlaub's Duck at the pools. The powerlines used to be a good area to see Spot-breasted Ibis flying by, but the area is apparently much more overgrown now. The station is a good place to have a lunch or spent the hot hours of the day. It's a good spot to connect with Cassin's Spinetail, Great Blue Turaco and Yellow-casqued Hornbill. There is a trail starting behind the buildings on the left when you enter, which will lead you to an area with lots of bamboo where we did see our first African Finfoot and only Dwarf Bittern along a small stream (5.2817, -2.6402).

The whole stretch between the park's entrance and the station can hold target species like Green-tailed Bristlebill, Yellow-bearded Greenbul or Rufous-winged Illadopsis. For White-crested Tiger Heron there are two swampy areas of which the furthest one is at 5.2642, -2.6454. We spend three days in Ankasa NP, hoping to pick up on extremely though species like White-breasted Guineafowl, Greythroated Rail, Lowland Akalat or African Pitta. Our first day we walked all the way up and down to the station, arriving around 7.30 PM back at the entrance. Lunch was arranged by a ranger and brought to the station. Our second day we walked in early morning, birded till around 1.30 PM, had lunch at the B&B and then were dropped off about 3 km in by our vehicle late afternoon. On the third day we were dropped off early morning at about the same point and walked past the station to the powerlines and

the pools. Birding can be fun, but it can also be dead silent. Most notably species apart from the ones mentioned before are Western Bearded Greenbul, Brown-eared Woodpecker, Olivaceous Flycatcher, Red-chested Owlet, Forest Robin (ssp. *erythrothorax*), White-tailed Alethe, Black Dwarf Hornbill, African Dwarf Kingfisher, Plain Greenbul, Red-billed Helmetshrike, West African Wattle-eye, Blackcap Apalis and all three missing illadopsis (Rufous-winged, Pale-breasted and Black-capped). Heard-only were Tessman's Flycatcher, Long-tailed Hawk and Dusky Long-tailed Cuckoo. Chocolate-backed Kingfisher was heard many times here as well.

Bonkro / Nyambe forest

There isn't much to say about this place. It's one of the few places in Ghana where you can see its star bird: White-necked Rockfowl or Picathartes.

Logistics

Most people come in after a morning of birding the farm bush of Antwikwaa or have been birding the Nyambe forest in the morning. If coming in from Antwikwaa you pass Twifo Praso and can also check for Rock Pratincole along the Pra River (I don't see why we didn't do that at the time). From the farm bush it will take you at least 2,5 hours (124 km) to get to the turn-off to Bonkro, about 3.4 km in.

Birding

The walk to the forest starts in the small village of Bonkro (6.1474, -1.3452). From here it's about a 20-30 minutes' walk to the rock formations inside the hilly forest. There are several rock formations where the rockfowl come in to sleep late afternoon. We arrived here around 3.30 PM, the first birds arriving around 5 PM. We were lucky to see 10 of these amazing birds, usually just 2 or 3 individuals come in to sleep. GPS coordinates not disclosed here, as you'll need a permit anyways.

Opro forest

This forest – also called 'Offinso forest' – used to hold several good species, but now the forest is almost gone and birding supposedly isn't as good as it was. However, further from the road there still seems to be good forest and we still did see some 'former' target species.

Logistics

Opro (river) forest is located about an almost 2,5 hour' drive north of Kumasi. It's located right along the N10 and most likely visited on your way to Mole NP.

Birding

On the N10, turn left at 7.1860, -1.7513. About 130 meter in, park the car near some buildings. We started walking from there, all the way to 7.17447, -1.7618 (1.6 km). Based on Google Maps we turned around where the forest edge starts and good forest might better be accessed right of the road? Anyway, right at the start we still noted some good species like Black-bellied Firefinch, Red-cheeked Wattle-eye (heard-only) and Grey-headed Bristlebill. Around the furthest point in we added Buff-spotted Woodpecker, Crested Malimbe, Sabine's Puffback, Blue-breasted Kingfisher and Vieillot's Barbet for the day. Heuglin's Masked Weaver was a trip-only here and Julien added Baumann's Olive Greenbul for his list. We struggled both to lay our eyes on Fiery-breasted Bushshrike and eventually did in an area close to the car: 7.1843, -1.7522.

Mole NP

Mole NP is a nice change from all the forest birding. It is not as humid as the tropical rainforest and birding is mostly done by car (short walks). As it is savanna woodland and located in the northern half of the country it holds several species not to be found elsewhere this trip. It is in particular good for Sahel specialties. Among the best species are White-throated Francolin, Forbes Plover, Sun Lark, Lavender Waxbill, Red-winged Pytilia and Togo Paradyse Whydah. The park also hold two species of cisticola with a patchy distribution: Dorst's and Rufous Cisticola.

Logistics

Usually, after visiting Bonkro, most people continue to Kumasi and drive to Mole the very next day. To avoid traffic it's advised to start early. One can bird Opro forest along the way (see above). From Kumasi to the Mole Hotel will take you up to 7 - 8 hours.

Birding

Birding Mole NP basically involves birding three area: [1] visiting several spots around Mole village / the park's headquarters, [2] the old airstrip close to Larabanga and [3] the White Volta close to Mognori. Most target birds can be found by visiting the savanna spots in the park itself [1], the other two spots [2, 3] are just outside of the national park. The first is mostly good to connect with Standard-winged Nightjar during the night and White-throated Francolin during the day. The White Volta is known area for Western Square-tailed Drongo, although we did not see it.

[1] The official entrance of Mole NP is at 9.2420, -1.8444. From here it's 2.6 km to the Mole Hotel*** where most people stay. From here you have an amazing view of the savanna and the whole area can be quite birdy, especially early morning. Around the pool and from the viewing platform just behind the pool we did see Lavender Waxbill, White-shouldered Black Tit, Bearded Barbet, Violet Turaco, Familiar Chat, Lesser Honeyguide and Senegal Batis. Scarlet-chested and Beautiful Sunbird are common here, sometimes joined by Splendid Sunbird. The small weavers in winter plumage here are most likely Little Weavers, the bigger ones Black-headed Weaver. There are two species of monkey around the headquarters: Green Monkey and Olive Baboon. Patas Monkey, a third species, is in the savanna. In the pool African Elephants spent the hot hours in the water.

Our first morning was spent at around 9.2465, -1.8559, a 3.4 km drive south from the HQ. It was around here that we did see typical species like Long-tailed Glossy Starling, White-crowned Robin-Chat, Oriole Warbler, Yellow-crowned Gonolek, Swamp Flycatcher, Pygmy Sunbird, African Golden Oriole and African Blue Flycatcher. Our only(!) Rose-ringed Parakeets flew over. From there we drove up north (4.9 km) to what is called Salt Lake in Google Maps. We birded a green valley at 9.2801, -1.8619 where we did record out only Western Violet-backed Sunbird. Other good birds were Red-winged Pytilia and Black-faced Firefinch at 9.2792, -1.8633.

Our first afternoon was spent looking for larks and Forbes's Plover. To look for Flappet, Sun and Rufous-rumped Lark visit the more open area at 9.3336, -1.8679 (8.9 km north of the hotel). We saw both Flappet and Sun Lark here easily, but missed Rufous-rumped Lark (here). Other new ones here were a nice Fine-spotted Woodpecker and White-fronted Anteater. Another spot to try for Rufous-rumped Lark is 2.1 km north of this spot at 9.3494, -1.8717. We did see more Sun Larks here, and had close encounters with Rock Partridge and our first African Cuckoo. This area is fairly close to another area where Forbes's Plover usually is around, at 9.3530, -1.8669. They usually come in fairly late and we saw our first one close to 6 PM. To our surprise we taped-in a nice Rufous-rumped Lark at the northern end of this open area.

Our second afternoon was spent around some pools next to the luxury Zaina Lodge at 9.2971, -1.8518. This is a good spot for Gosling's Bunting and it didn't take too long before finding one. Colourful Yellow-crowned Gonolek, Red-winged Pytilia and Red-billed Firefinch came in to drink. In a group of winter-plumage 'bishops' were at least two Black-winged Red Bishops and one Red-billed Quelea, though most were left unidentified. A surprise Pied-winged Swallow flew over. We also visited an area along the dirt road 3.6 km more north. Here, around 9.3263, -1.8644, we quickly added Red-headed Weaver, West African Seedeater, Brown-rumped Bunting, Cabanis's Bunting and — a little further — a nice Denham's Bustard (this is the open area for larks, see above). In the evening we bumped into a surprise Red-necked Nightjar at 9.3332, -1.8685 (4th for Ghana). Later that evening we heard our only African Scops Owl of the trip along the dirt road 'loop' at 9.2800, -1.8635. Once you get back at the hotel try for Greyish Eagle-Owl; we found one around the parking at 9.2603, -1.8556.

Our last (early) morning was also spend in the park, just about 3 km north from the hotel. We birded an area left of the road where we found a surprise Yellow Penduline Tit at 9.2856, -1.8509. On our way out of the park we did visit the famous Larabanga Mosque for Red-chested Swallow. One bird was seen flying around at 9.2195, -1.8600.

[2] Our second early morning was spent at the old airstrip to look for the White-throated francolin. To get here you have to drive south of the hotel, past the official entrance, and turn left after 3.2 km at 9.2375, -1.8428. From here it's 600 m dirt road to the old airstrip. The flat area (9.2364, -1.8374) is where Standard-winged Nightjar usually is around. During daytime try for francolin around here. We found two early morning on the dirt road paralleling the air strip. This is also an area where most people connect with Dorst's Cisticola though we did see it also inside the national park.

[3] We spent the rest of our second morning in the area of Mognori, birding the lush vegetation around the river White Volta. We parked the car at 9.2964, -1.7729 and walked down to the river. Most important target here is Western Square-tailed Drongo, but we did not find it. We accessed the wooded area north of the bridge by walking into the field left of the bridge (past it). This resulted in our only Wahlberg's Eagle of the trip. Julien saw our only pair of Black-bellied Firefinch here. Playing Pearl-spotted Owlet resulted in nice views of the owlet and some passerines trying to chase it away.

Bobiri Butterfly Santuary

The forest of Bobiri Butterfly Sanctuary is, like Nsuta forest, more open – offering the chance to connect with some interior forest raptors. It's also the easiest place to connect with Latham's Francolin, Least Honeyguide and the declining and now endangered Grey Parrot. Furthermore, it's a good back-up for much-wanted species like Nkulengu Rail and Brown Nightjar.

Logistics

Coming in from Kumasi turn left at 6.6706, -1.3721 in Kubease. From the Excelsa Lodge it will take you about 20 minutes or so. After 1.7 km of dirt road through the village turn right at 6.6829, -1.3642. From here it's just around 500 m to the forest edge.

Birding

There is a dirt road coming in from the west (see logistics). The forest edge is at 6.6843, -1.3595. There is an open area at 6.6860, -1.3500 which is supposedly a good stake-out for Red-thighed Sparrowhawk, though we did not see it here. The actual sanctuary (accommodation) is at 6.6871, -1.3439. The forest is quite open and it's a good idea here to bring a scope. Every now and then we played the tape for some forest raptors. The furthest point we walked in was at 6.6910, -1.3212.

Coming in, the more open forest on the left past the house is good for Least Honeyguide. Interestingly, this individual seems always to be singing around 11 AM. Bobiri is also a good place to connect with Black-throated Coucal, but apparently it's easier when there is some water on the road. We heard quite some of them here, but never saw one here. Latham's Francolin is another specialty here and you'll probably hear many here at dusk. Finding one is another something and though we did try hard, we didn't see one – also not with the help of our night bins. One more specialty is Grey Parrot, but I will not disclose the exact site here for obvious reasons. New birds here also included Purple-throated Cuckooshrike, Ansorge's Greenbul and White-throated Greenbul. We heard Narina Trogon here.

Other birds of interest we did see here were Black Dwarf Hornbill, Red-billed Helmet-Shrike, Blue-throated Roller, Blue-headed Crested Flycatcher, Blue Cuckooshrike, Blue-headed Wood Dove, White-headed Wood Hoopoe, Kemp's Longbill (heard-only), Johanna's Sunbird, Little Grey Flycatcher, West African Wattle-Eye, White-crested Hornbill and Nkulengu Rail (heard-only). We saw quite a few raptors here including Red-chested Goshawk, African Cuckoo-Hawk and Congo Serpent Eagle. Interestingly we did see 9 Black Spinetails on one occasion, flying around the bamboo stands at 6.6879, -1.3420.

Atewa Range

Atewa Range consists of steep-sided forested hills with fairly flat summits, running from north to south. It is currently under pressure due to planned mining activities by the Chinese. The forest holds some target species which are hard to find elsewhere, the most notable being Nimba Flycatcher. However, it is also the only place where people usually see West African Batis, Blue-moustached Bee-eater, Yellow-throated Cuckoo and Many-colored Bushshrike. It also holds Fier-breasted Bushsrike and Forest Scrub Robin, also possible at Opro forest.

Logistics

For birding Atewa Range most people stay in New Tafo. This is about a 3 - 3,5 hour drive from Kumasi, very much depending on where you stay also. From New Tafo to it's about 25 minutes to where you park the car and start walking. The turn-off for the forest is in the village of Sujamasi / Sagimase, at 6.2312, -0.5216.

Birding

Most people visiting Atewa Range for birding focus on two areas: the hill forest itself and the farmbush before one enters the forest. While most targets are found on the hill itself, some target species like Compact Weaver are only found in the farmbush. Birding the farmbush starts more or less at the turn-off (see above). In the forest patch (6.2305, -0.5223) here we did see our only male Black-and-white Shrike-flycatcher. An unexpected find and trip-only came in the form of a Eurasian Golden Oriole at 6.2283, -0.5270. We did see some Compact Weavers in the reed bed right of the dirt road at 6.2302, -0.5234. These marshes also hold another target species and we did see a nice female Marsh Tchagra at 6.2301, -0.5263. Please note these last two species are also very well possible at Kalakpa RR, if this is your next destination.

For the forest, park along the dirt road at 6.2298, -0.5271. From here, the first 400 meter or so are a bit degraded but after the fence at 6.2307, -0.5307 the forest gets better. One day we had Red-cheeked Wattle-eye near the gate. The open field at 6.2292, -0.5279 might be a good place to scan the forest edge. This first stretch (a bit more open forest) after the fence is also where most people tend to see Yellow-throated Cuckoo, but we did not. We looked for Tessman's Flycatcher also here, but missed it. Before the top we noted Kemp's Longbill, Buff-throated Sunbird, Willcock's Honeyguide, Blue-headed Crested Flycatcher (heard-only), Usscher's Flycatcher, Square-tailed Saw-wing, Fraser's Forest

Flycatcher, Chestnut-winged Starling, Thick-billed Weaver, Rufous-winged Illadopsis (heard-only), Melancholy Woodpecker, Ahanta Spurfowl (heard-only) and Green Bristlebill. The top of this Atewa Ridge (6.2302, -0.5569) is where most people see Blue-moustached Bee-eater. We did not see it here, but did see two more main targets here: West African Batis and Nimba Flycatcher. The best, Nimba Flycatcher, was seen late afternoon at the big leafless tree at 6.2301, -0.5564. If you arrive around noon it's also good to keep an eye on the sky for the usual Cassin's Hawk-Eagle here. We did see our first and only African Crowned Eagle here. An adult long-tailed Haw was shortly seen perched by Julien and heard after.

Just past the top there is turn-off at 6.2305, -0.5577. Here you can either go straight and walk down or turn right and continue along the ridge. This is what we did on both days and we continued walking until 6.2516, -0.5657. Here this forest becomes more degraded and most target birds can be found before this point. We found a nice Forest Scrub Robin seen singing at 6.2362, -0.5583 on both days. At this point we had a nice bird wave with both Red- and Green-tailed Bristlebill. It was alongside this trail we encountered a total of 5 Blue-moustached Bee-eater, at 6.2302, -0.5550; 6.2438, -0.5559 and 6.2359, -0.5583. Other birds of interest included Preuss' Weaver, Yellow-billed Barbet, Little Grey Flycatcher (common here), Sharpe's Apalis, Purple-throated Cuckooshrike, Western Bluebill, White-spotted Flufftail (heard-only), Cassin's Honeyguide and a nice male African Shrike Flycatcher. We saw both Ayres's and Cassin's Hawk-Eagle flying over here. On two occasions we found a nice male Black-capped Apalis foraging extremely low. We heard several Black-throated Coucals here and both below the ridge, but never saw one here.

Kalakpa Resource Reserve

This long-stretched reserve holds only two specialties: Baumann's Olive Greenbul and Capuchin Babbler. The savanna along the dirt road to the reserve holds no true specialties, but one can see Blackbellied Firefinch and Yellow-winged Pytilia here.

Logistics

Like Atewa Range, there is no accommodation 'nearby' and most birders will stay in Ho. From the village of New Tafo this will take you about 4 hours. From the luxury Chances Hotel it's about 25 minutes to the turn-off for the Kalakpa Resource Reserve, right at 6.4829, 0.3466 in in the village of Abutia-Kloe.

Birding

Birding Kakakpa Resource Reserve is easy and start right at the turn-off (see above). The actual reserve is at the end of the 3.4 km dirt road. The whole stretch of dirt road is good birding as well, mostly for savanna birds which are otherwise seen at Shai Hills or Mole NP. We birded one particular trail twice, starting at 6.4767, 0.3527. Birding this whole stretch of dirt road is very rewarding and in our case yielded Fine-spotted Woodpecker, African Golden Oriole, Grey-headed Bushshrike, Orange-breasted Bushshrike, African Cuckoo, Piapiac, Violet Turaco, Green-headed Sunbird, Blue-bellied Roller, Double-toothed Barber, Pin-tailed Whydah, Red-headed Quelea, Pied-winged Swallow and Red-breasted Swallow. Two species we looked for in Atewa were also present here: March Tchagra (a nice male) and Compact Weaver. Julien was lucky enough to see Yellow-winged Pytillia. Cisticola's out on the savanna here include Red-faced, Singing, Shirt-winged and Croaking Cistocola.

The entrance of the actual reserve is located at 6.4628, 0.3683. You'll park here and will be assisted by a ranger to enter the reserve. The first stretch goes through some more open habitat which is supposedly the place to see Thick-billed Cuckoo, but we missed is here. Another good tactic for this target can be to further walk the dirt road to the right back at HQ. The forest is just a 5 or 10 minutes' walk from the HQ. Seen from above this forest is a very long and narrow stretch, a feeling you also have when birding the forest. The forest can be extremely quit, but holds two main targets: Capuchin Babbler and Baumann's Olive Greenbul. We were extremely lucky having excellent views of a flock of 3 Capuchin Babblers on the very first day after just a couple of minutes of being inside the forest at 6.4590, 0.3713. Seeing this species can be extremely hard, as they usually tend to move away from you when you play the tape. The second target (already seen by Julien at Opro forest) took a bit longer, but we found two nice Baumann's Olive Greenbul at 6.4544, 0.3796. Also this species can be very tricky to see as they move very fast and rarely in the open. We hardly did see any other birds here, but did record the two interesting subspecies here of Brown Illadopsis (ssp. moloneyana) and Forest Robin (ssp. dahomeyensis). The former found at 6.4524, 0.3822, the latter at 6.4525, 0.3819. Other birds of interest include West African Wattle-eye, Purple-throated Cuckooshrike, Guinea Turaco and Western Banded Snake Eagle.



Capuchin Babbler (© Julien Mazenauer)

Target lists

Regarding the two target lists found in this chapter the first list is a full list of both Sjoerd's <u>and</u> Julien's lifers (316 in total), thus not claiming this to be complete list of all possible species. However, as we both haven't been birding this part of Africa before, it gives a good idea of the sheer amount of species only occurring in this part of Africa. To get an idea of your chance of actually seeing these species I checked nine trip reports (see below) and put a '1' if they recorded this species during the tour. I used red-orange-yellow in the column right of these nine columns: red if only 0-3 tours record this species; orange if 3-6 tours record it and green if 7-9 tours record it. To get an idea of what to see where I put '1st / only location' and '2nd location' in the final two columns. These locations are based on observations on eBird. If the location is in between brackets [] it was only on eBird, if there is a + behind the location there were surprisingly more locations on eBird than based on the trip reports and ++ means there were many locations.

Before the species name I put BT (Best Territory) for birds best found in that territory but occurring more widely and B2 (Best-Two) for birds best found in two territories but occurring in more. This is directly copied from the book 'The Birder's Guide to Africa' (Mills, 2017) and not checked in ebird. Guinea endemics are indicated in dark orange, Upper Guinea Endemics in Caps Lock. I checked the species' range maps on 'Birds of the World' and if species have a patchy distribution I added them as range-restricted (rr). Please note many species in Ghana occur in West- and most of Central-Africa only; these are not indicated here. All this is very subjective, but it gives you some idea of what to focus on during your trip. In hindsight this list is a bit too long and some rr-species are still quite widespread, but as these species has been the input for the next list I decided to leave it this way.

The second list is a target list per birding spot. This is only done for target species, so BT, B2, E and rr. I specified in this list for 'only or best location' and 'good location', the latter meaning a species occurs at multiple other good sites as well. If in the former list a species was classified as red (0-3 trip reports) I put this species in 'only or best location' if only one chance, but otherwise it was put in the list 'also possible' as chances of seeing these species are very low. There are also no 'red' species in the list 'good location'. An exclamation mark (!) means this is your last good chance of seeing this species. Moreover, I did not include target species being very common (Western Plaintain-eater, Vieillot's Black Weaver) or to be seen at specific locations only holding the target species (Orange Weaver, Carmelite Sunbird). Again, with this list I do not claim to be complete and some species (Blue-bellied Roller for example) in hindsight shouldn't be mentioned that many times, but it gives a basic idea of what to see where.

The following trip reports are checked for targets:

1	2020 Rockjumper (Comprehensive)
2	2020 Birdquest (Best of Ghana)
3	2020 BirdingBreaks
4	2019 Victor Emanuel Nature Tours
5	2019 Rockjumper (Comprehensive)
6	2019 Fieldguides
7	2019 Birdquest (Ultimate)
8	2019 Birdquest (Best of Ghana)
9	2018 Rockjumper (Mega)

Target list - Ghana

	UPPER GUINEA ENDEMIC (see P8)
	Guinea forest endemic (see P8)
	Range-restricted species
ВТ	Best-Territory, best found in Ghana
רם	Best-Two, best found in Ghana + 1
B2	Best-Two, best found in Ghana + 1 other territory

Page		Common name	Scientific name	1	2	3	1 5	6	7	8	9	Τ	1st / only location	2nd location
82		WHITE-BREASTED GUINEAFOWL	Agelastes meleagrides	Н	4	4	╀	╄	Н	4	4	0	[Ankasa]	
82		Crested Guineafowl	Guttera pucherani	$\frac{1}{4}$	4	4	1	ļ_	1	4	4	1	Ankasa	
84		Stone Partridge	Ptilopachus petrosus		-	_	_	-	1	-	1	_	Shai, Mole	
84		Latham's Francolin White-throated Francolin	Peliperdix lathami	+ +	_	_	_	-	1	_	_		forest zone Mole	
84 84		Ahanta Spurfowl	Peliperdix albogularis Pternistis ahantensis	1	╀	+	-	1	-	-	1		Kakum (Antwikwaa), Ankasa	other
84		Double-spurred Spurfowl	Pternistis dialiterisis Pternistis bicalcaratus	+-+	1	1	-	-	1	1	1		Sakumono, Shai, Brenu, Mole	outer
86		Blue Quail	Excalfactoria adansonii	╫	┧	╫	+	╀	╫	1	+	1	Shai	
48		Hartlaub's Duck	Pteronetta hartlaubii	₩	1	1	+	1	1	1	1	6	Ebi, Ankasa	
152		Brown Nightjar	Veles binotatus	1	-	-	1	-	1	-	_		Kakum	Bobiri
152	_	Black-shouldered Nightjar	Caprimulgus nigriscapularis	1	_	_	╁	╀	1	╗	1	5	Kakum	Shai, Kalapka
152		Swamp Nightjar	Caprimulgus natalensis	╫	╗	┿	+	t	∺	+	+	0	[Sakumono, Mole]	Silai, Kalapka
154		Plain Nightjar	Caprimulgus inornatus	1	+	\dagger	1	1	1	1	1	6	Shai, Kakum, Mole, Ankasa, Atewa	
152		Long-tailed Nightjar	Caprimulgus climacurus	4-1	1	1	_	-	1	1	1		Shai, Mole	other
154	_	Standard-winged Nightjar	Caprimulgus longipennis	1	_	_	_	-	1	-	_	-	Mole	outer .
156		Mottled Spinetail	Telacanthura ussheri	-	-	-	-	-	1	_	1	9	Kakum, Shai	other
		Black Spinetail	Telacanthura melanopygia	1	-	-	T	1	Н	1	1		Kakum	Bobiri, Nsuta
156		Sabine's Spinetail	Rhaphidura sabini	-	_	_	1 1	+	1	_	_		Kakum, Nsuta, Ankasa, Atewa	
156		Cassin's Spinetail	Neafrapus cassini	1	7	_	_	-	1	_	_		Kakum, Nsuta, Ankasa	
158		Bates's Swift	Apus batesi	П	T	_	1	1	-	7	1	3	Kakum (Abrafo)	Ankasa, Nsuta
136		Great Blue Turaco	Corythaeola cristata	1	1	-	-	T	1	1	1	7	Ankasa	also Nsuta
136		Guinea Turaco	Tauraco persa	-	-	-	-	1	1	-	_		Shai, Winneba, Kakum (Abrafo)	
136		Yellow-billed Turaco	Tauraco macrorhynchus		_	_	_	_	1	_	_		forest zone	
136		Violet Turaco	Musophaga violacea	-	_	-	-	-	1	_	1	-	Shai, Mole	
136		Western Plantain-eater	Crinifer piscator	_	_	_	_	_	1	_	1		++	
94		Denham's Bustard	Neotis denhami	\sqcap	\forall	\top	\top	Τ	П	寸		0	[Mole]	
94		Black-bellied Bustard	Lissotis melanogaster	П	1	1	T	1	П	1	T	4	Shai, Winneba	
	ВТ	Black-throated Coucal	Centropus leucogaster	-	_	_	1 1	-	1	_	1		forest zone	
144		Black Coucal	Centropus grillii	П	T			1		1	1		Shai, Sakumono	
144		Blue Malkoha	Ceuthmochares aereus	1	1	1	1 1	1	1	1	1	9	forest zone	
138		Levaillant's Cuckoo	Clamator levaillantii						1				++	
138		Jacobin Cuckoo	Clamator jacobinus	П	T	T	T	Τ	П	T		0	[several locations]	
140		Thick-billed Cuckoo	Pachycoccyx audeberti	П				Γ	1			1	[Bobiri], Kalapka	other
142		Diederik Cuckoo	Chrysococcyx caprius	1	1	1	1 1	1	1	1	1	9	Kakum, Atewa	other
142		Yellow-throated Cuckoo	Chrysococcyx flavigularis	1						1	1	3	Atewa	Bobiri
138		Dusky Long-tailed Cuckoo	Cercococcyx mechowi							1		1	Ankasa	
138		Olive Long-tailed Cuckoo	Cercococcyx olivinus		1	1	1 1	1	1	1	1	8	forest zone (except Bobiri)	
140		Black Cuckoo	Cuculus clamosus	1	1	1	1		1	1	1	7	forest zone	
140		African Cuckoo	Cuculus gularis	11	1	1	1 T	14	П	- 1		٦	•	
		, in real cacket	Cuculus guidi is	1+1	1	<u> - - - - - - - - - - </u>	Ц_	Ι1	Ш	1	1	/	Mole	Shai, Atewa
128		Four-banded Sandgrouse	Pterocles quadricinctus	1	_	_	-	1	1	1	1	-	Mole Mole	Shai, Atewa
128 130			-	-	_	_	-	1	1	1 1 1	1	-		Shai, Atewa Bonkro
		Four-banded Sandgrouse	Pterocles quadricinctus	-	_	_	-	. 1	1 1 1	1 1	1 1 1	8	Mole	
130		Four-banded Sandgrouse Afep Pigeon	Pterocles quadricinctus Columba unicincta	1	1	1	1		1 1 1 1	1	1	8 2 4	Mole Bobiri	Bonkro
130 130		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon	Pterocles quadricinctus Columba unicincta Columba iriditorques	1	1	1 1 1	1 1	. 1	1	1	1	8 2 4 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa	Bonkro other
130 130 128		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus	1 1 1	1	1 1 1 1	1 1	1	1 1 1	1 1 1	1 1 1	8 2 4 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole	Bonkro other
130 130 128 128		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra	1 1 1	1 1 1	1 1 1 1 1	1 1 1 1 1 1	1 1	1 1 1	1 1 1	1 1 1	8 2 4 9 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone	Bonkro other Sakumono, Winneba
130 130 128 128 90		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis	1 1 1	1 1 1	1 1 1 1 1	1 1 1 1 1 1	1 1	1 1 1 1	1 1 1	1 1 1	8 2 4 9 9 6 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa	Bonkro other Sakumono, Winneba Brimsu reservoir
130 130 128 128 90 88		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra	1 1 1	1 1 1	1 1 1 1 1	1 1 1 1 1 1	1 1	1 1 1 1	1 1 1	1 1 1	8 2 4 9 9 6 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu]	Bonkro other Sakumono, Winneba Brimsu reservoir
130 130 128 128 90 88 88 90 92		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata	1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1	8 2 4 9 9 6 9 1 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations]	Bonkro other Sakumono, Winneba Brimsu reservoir
130 130 128 128 90 88 88 90 92		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni	1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1	1 1 1 1	1 1 1 1	1 1 1	8 2 4 9 9 6 9 1 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko	Bonkro other Sakumono, Winneba Brimsu reservoir
130 130 128 128 90 88 88 90 92 92		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis	1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+]	Bonkro other Sakumono, Winneba Brimsu reservoir other
130 130 128 128 90 88 88 90 92 92 92 88		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus	1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa	Bonkro other Sakumono, Winneba Brimsu reservoir
130 130 128 128 90 88 88 90 92 92 92 88 86		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus	1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai]	Bonkro other Sakumono, Winneba Brimsu reservoir other
130 130 128 90 88 88 90 92 92 92 92 88 86 96		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus	1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	8 2 4 9 6 9 1 0 0 5 0 6 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba]	Bonkro other Sakumono, Winneba Brimsu reservoir other
130 130 128 128 90 88 88 90 92 92 92 88 86 96		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis	1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1	8 2 4 9 6 9 1 0 0 5 0 6 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole	Bonkro other Sakumono, Winneba Brimsu reservoir other
130 130 128 90 88 88 90 92 92 92 92 96 96		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Black-headed Lapwing	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus tectus	1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	8 2 4 9 6 9 1 0 0 5 0 6 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono]	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka
130 130 128 90 88 88 90 92 92 92 92 88 86 96 96 102 102		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus albiceps	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	8 2 4 9 6 9 1 0 0 5 0 6 0	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra	Bonkro other Sakumono, Winneba Brimsu reservoir other
130 130 128 90 88 88 90 92 92 92 92 86 96 102 102 102		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus tectus Vanellus lugubris	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 1 0 0 5 0 6 0 0 3 0 2 2	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka
130 130 128 90 88 88 90 92 92 92 92 88 86 96 102 102 102 100		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus tectus Vanellus albiceps Vanellus lugubris Charadrius forbesi	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 1 0 0 5 0 6 0 0 3 0 2 2	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka
130 130 128 90 88 88 90 92 92 92 88 86 96 102 102 102 100 100		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus albiceps Vanellus lugubris Charadrius forbesi Charadrius marginatus	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0 5 0 0 3 0 2 2 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole
130 130 128 90 88 88 90 92 92 92 92 88 86 96 102 102 102 100 100 112		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus tectus Vanellus albiceps Vanellus lugubris Charadrius marginatus Rostratula benghalensis	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 1 0 0 5 0 0 3 0 2 2 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka
130 130 128 90 88 88 90 92 92 92 92 88 86 96 102 102 102 100 1100 1112 98		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe Rock Pratincole	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus tectus Vanellus albiceps Vanellus lugubris Charadrius forbesi Charadrius marginatus Rostratula benghalensis Glareola nuchalis	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0 5 0 0 3 0 2 2 2 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole Pra	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole
130 130 128 90 88 88 90 92 92 92 88 86 96 102 102 102 100 112 98 120		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe Rock Pratincole West African Crested Tern	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus tectus Vanellus albiceps Vanellus lugubris Charadrius forbesi Charadrius marginatus Rostratula benghalensis Glareola nuchalis Thalasseus albididorsalis	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 1 0 0 5 0 6 0 0 2 2 2 4 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole Pra Winneba, Sakumono, Cape Coast	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole
130 130 128 90 88 88 90 92 92 92 92 88 86 96 102 102 102 100 112 98 120 46		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe Rock Pratincole West African Crested Tern Spot-breasted Ibis	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus tectus Vanellus albiceps Vanellus albiceps Vanellus lugubris Charadrius forbesi Charadrius marginatus Rostratula benghalensis Glareola nuchalis Thalasseus albididorsalis Bostrychia rara	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 1 0 0 5 0 6 0 0 2 2 2 4 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole Pra Winneba, Sakumono, Cape Coast Ankasa, Nsuta	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole
130 130 128 90 88 88 90 92 92 92 88 86 96 102 102 102 100 112 98 120 46 34		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe Rock Pratincole West African Crested Tern Spot-breasted Ibis White-crested Tiger Heron	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus tectus Vanellus albiceps Vanellus lugubris Charadrius forbesi Charadrius marginatus Rostratula benghalensis Glareola nuchalis Thalasseus albididorsalis Bostrychia rara Tigriornis leucolopha	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 1 0 0 5 0 6 0 0 2 2 2 4 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole Pra Winneba, Sakumono, Cape Coast Ankasa, Nsuta Ankasa	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole Ebi
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130 130 128 90 88 88 90 92 92 92 92 88 86 96 102 102 102 100 112 98 120 46 34 36 34 36 34 36 34 36 37 46 37 46 37 46 46 46 46 46 46 46 46 46 46		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe Rock Pratincole West African Crested Tern Spot-breasted Ibis White-crested Tiger Heron Dwarf Bittern White-backed Night Heron Black Heron Palm-nut Vulture African Cuckoo-Hawk Beaudouin's Snake Eagle Congo Serpent Eagle Cassin's Hawk-Eagle Lizard Buzzard	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus lugubris Charadrius forbesi Charadrius marginatus Rostratula benghalensis Glareola nuchalis Thalasseus albididorsalis Bostrychia rara Tigriornis leucolopha Ixobrychus sturmii Gorsachius leuconotus Egretta ardesiaca Gypohierax angolensis Aviceda cuculoides Circaetus beaudouini Circaetus spectabilis Aquila africana Kaupifalco monogrammicus		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0 5 0 0 2 2 2 9 9 7 6 2 9 9 7 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole Pra Winneba, Sakumono, Cape Coast Ankasa, Nsuta Ankasa Ankasa+, Nsuta [Mole] Sakumono Kakum, Ankasa, Mole, Atewa ++ Greater Mole Area forest zone Kakum Shai, Mole	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole Ebi other Winneba, Ebi other
130 130 128 90 88 88 90 92 92 92 92 88 86 96 102 102 102 100 112 98 120 46 34 36 34 36 34 36 37 38 54 62 66 70 74 68 70		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe Rock Pratincole West African Crested Tern Spot-breasted Ibis White-crested Tiger Heron Dwarf Bittern White-backed Night Heron Black Heron Palm-nut Vulture African Cuckoo-Hawk Beaudouin's Snake Eagle Congo Serpent Eagle Cassin's Hawk-Eagle Lizard Buzzard Long-tailed Hawk	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus albiceps Vanellus lugubris Charadrius forbesi Charadrius marginatus Rostratula benghalensis Glareola nuchalis Thalasseus albididorsalis Bostrychia rara Tigriornis leucolopha Ixobrychus sturmii Gorsachius leuconotus Egretta ardesiaca Gypohierax angolensis Aviceda cuculoides Circaetus beaudouini Circaetus spectabilis Aquila africana Kaupifalco monogrammicus Urotriorchis macrourus		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11 11 11 11 11 11 11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0 5 0 0 2 2 9 9 7 6 2 9 9 7 6 9 9 7 6 9 9 7 7	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole Pra Winneba, Sakumono, Cape Coast Ankasa, Nsuta Ankasa Ankasa+, Nsuta [Mole] Sakumono Kakum, Ankasa, Mole, Atewa ++ Greater Mole Area forest zone Kakum Shai, Mole forest zone	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole Ebi other Winneba, Ebi other
130 130 128 90 88 88 90 92 92 92 92 88 86 96 102 102 102 100 112 98 120 46 34 36 34 36 34 36 34 36 37 46 37 46 37 46 46 46 46 46 46 46 46 46 46		Four-banded Sandgrouse Afep Pigeon Western Bronze-naped Pigeon Black-billed Wood Dove Blue-headed Wood Dove African Finfoot White-spotted Flufftail Grey-throated Rail African Crake Lesser Moorhen Allen's Gallinule African Swamphen Nkulengu Rail Common Buttonquail Water Thick-knee Spotted Thick-knee Black-headed Lapwing White-crowned Lapwing Senegal Lapwing Forbes's Plover White-fronted Plover Greater Painted-snipe Rock Pratincole West African Crested Tern Spot-breasted Ibis White-crested Tiger Heron Dwarf Bittern White-backed Night Heron Black Heron Palm-nut Vulture African Cuckoo-Hawk Beaudouin's Snake Eagle Congo Serpent Eagle Cassin's Hawk-Eagle Lizard Buzzard	Pterocles quadricinctus Columba unicincta Columba iriditorques Turtur abyssinicus Turtur brehmeri Podica senegalensis Sarothrura pulchra Canirallus oculeus Crecopsis egregia Paragallinula angulata Porphyrio alleni Porphyrio madagascariensis Himantornis haematopus Turnix sylvaticus Burhinus vermiculatus Burhinus capensis Vanellus lugubris Charadrius forbesi Charadrius marginatus Rostratula benghalensis Glareola nuchalis Thalasseus albididorsalis Bostrychia rara Tigriornis leucolopha Ixobrychus sturmii Gorsachius leuconotus Egretta ardesiaca Gypohierax angolensis Aviceda cuculoides Circaetus beaudouini Circaetus spectabilis Aquila africana Kaupifalco monogrammicus		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11 11 11 11 11 11 11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 4 9 9 6 9 1 0 0 5 0 0 2 2 9 9 7 6 9 9 7 6 9 9 7 9 9 9 9 9 9 9 9 9	Mole Bobiri Nsuta, Ankasa, Bobiri, Atewa Shai, Mole forest zone Ankasa Kakum, Ankasa, Atewa Ankasa [Brenu] [several locations] Boko [Sakumono+] Ankasa [Shai] [Winneba] Mole [Mole, Sakumono] Pra Shai, Sakumono, Mole Mole Winneba, Sakumono Sakumono, Mole Pra Winneba, Sakumono, Cape Coast Ankasa, Nsuta Ankasa Ankasa+, Nsuta [Mole] Sakumono Kakum, Ankasa, Mole, Atewa ++ Greater Mole Area forest zone Kakum Shai, Mole	Bonkro other Sakumono, Winneba Brimsu reservoir other Kakum, Bobiri, Kalapka Mole Ebi other Winneba, Ebi other Nsuta, Ankasa, Atewa

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68 72		Ovambo Sparrowhawk Grasshopper Buzzard	Accipiter ovampensis Butastur rufipennis	1	1	1	1 .	1 1	1	1	1		Mole easy in north	
72		Red-necked Buzzard	Buteo auguralis	-	_	_	_	_	_	1	_	_	Shai, Kakum, Mole	other
150		Sandy Scops Owl	Otus icterorhynchus	П			T	T				_	[Bobiri]	
150		African Scops Owl	Otus senegalensis	1	1	1	1 :	1 1	. 1	1	1	9	Mole	Kalapka
150		Northern White-faced Owl	Ptilopsis leucotis	1	_	_	-	-	. 1	1	1	_	Mole	Kalapka
148		Fraser's Eagle-Owl	Bubo poensis	1	_	_	:	-	L	1	_	_	Kakum, Ankasa, Atewa	
148		Akun Eagle-Owl	Bubo leucostictus	1	1	1	1 :	1 1	. 1	1	1		Kakum, Nsuta, Ankasa	other
146		Pel's Fishing Owl	Scotopelia peli	\sqcup	1	4	+	╀	1	Н	+	_	[Mole]	D 1
150 150		Red-chested Owlet African Barred Owlet	Glaucidium tephronotum	H	1	1	+	1 1	1	1	1	_	Ankasa Shai	Bobiri
174		Forest Wood Hoopoe	Glaucidium capense Phoeniculus castaneiceps	1	\dashv	╫	1 :	-	+	1	-	_	Kakum, Bobiri, Atewa	other
174		White-headed Wood Hoopoe	Phoeniculus bollei	+ +	1	-+	1 :	-	1	\vdash	_	_	Kakum, Nsuta	Bobiri
178		African Pied Hornbill	Lophoceros fasciatus	-	_	_	_	_	ᆤ	1	_	_	++	DODITI
176		Red-billed Dwarf Hornbill	Lophoceros camurus	-	1	_	_	_	-	1	_	_	Ankasa, Bobiri	Kakum, Nsuta
178	ВТ	[Western] Piping Hornbill	Bycanistes fistulator	П	1	1	-	_	-	1	_	_	Kakum, Nsuta, Ankasa	other
180		BROWN-CHEEKED HORNBILL	Bycanistes cylindricus	П	1	1	1 :	1 1	. 1	1	1	8	Kakum, Nsuta	Ankasa, Atewa
180		Black-casqued Hornbill	Ceratogymna atrata	1	1			1	. 1	1	1	6	Kakum, Ankasa	
180		Yellow-casqued Hornbill	Ceratogymna elata	Ц	1	_	1	-	. 1	-	_	_	Ankasa	Kakum
176		Black Dwarf Hornbill	Horizocerus hartlaubi	1	_	1	-	-	_	1	_	_	Kakum, Nsuta, Bobiri	Ankasa
178		White-crested Hornbill	Horizocerus albocristatus	-	_	_	-	_	. 1	-	_	_	forest zone	
170		Blue-bellied Roller	Coracias cyanogaster	-	_	_	-	_	_	1	_	_	Shai, Opro, Mole, Kalapka	other
172		Blue-throated Roller	Eurystomus gularis	+	-	1	-	-	1 -	1	_	_	forest zone	
164 164		Chocolate-backed Kingfisher Blue-breasted Kingfisher	Halcyon badia Halcyon malimbica	-	-	-	-	_	1	1	_		Kakum, Nsuta, Ankasa, Atewa Ankasa, Mole	other
162		African Dwarf Kingfisher	Ispidina lecontei	-	_	1	-	+	+	1	-	_	Ankasa, iviole Ankasa	Julie
162		White-bellied Kingfisher	Corythornis leucogaster	-	_	1	-	1	1	1	1	_	Ankasa	
162		Shining-blue Kingfisher	Alcedo quadribrachys	+ +	-	1	+	-	1	-	1	_	Ankasa, Mole	other
166		Blue-moustached Bee-eater	Merops mentalis	1	-	1	:	-	1		1	_	Atewa	Ankasa, Opro
166		Black Bee-eater	Merops gularis							1		9	Kakum, Nsuta, Ankasa, Atewa	other
168		Red-throated Bee-eater	Merops bulocki	_	_					1			Mole	
168		White-throated Bee-eater	Merops albicollis		_		_	_		1		_		
166		Rosy Bee-eater	Merops malimbicus	-	-	-	-	-	-	1	_	_	Shai, Kakum, Nsuta	other
184		Bristle-nosed Barbet	Gymnobucco peli	+ +	-	-+	-	-	+	1	_	_	Kakum, Bobiri	Ankasa, Atewa
184		Naked-faced Barbet	Gymnobucco calvus	+ +	_	_	_	_	1	1	_	_	forest zone forest zone	
182 182		Speckled Tinkerbird Red-rumped Tinkerbird	Pogoniulus scolopaceus Pogoniulus atroflavus		_	_	_	_	_	1	_	_	forest zone	
182		Yellow-throated Tinkerbird	Pogoniulus subsulphureus	—	_	_	_	_	_	1	_	_	forest zone	
182		Yellow-rumped Tinkerbird	Pogoniulus bilineatus	-	_	_	-	-	_	1	_	_	++	
182		Yellow-spotted Barbet	Buccanodon duchaillui	-	_	_	_	_	-	1	_	_	Kakum, Nsuta, Ankasa, Atewa	
182		Hairy-breasted Barbet	Tricholaema hirsuta	+ +	-	-	-	+	. 1	-	_		forest zone	
184		Vieillot's Barbet	Lybius vieilloti	1	1	1	1	1 1	. 1	1	1	9	++	
184		Bearded Barbet	Lybius dubius	1	1		4	<u> </u>	1	1	1	9	Shai, Mole	other
ا دا						1	1 :	<u> 1 1</u>	1 -		_			
184		Yellow-billed Barbet	Trachyphonus purpuratus	1	1	1	1 :	1	1	1	1		Kakum, Nsuta	Ankasa, Atewa
186		Cassin's Honeybird	Prodotiscus insignis	1	1	1	1 :	1	1	1	1 1	6	Kakum, Atewa	Ankasa, Atewa Nsuta, Ankasa
186 186	ВТ	Cassin's Honeybird Yellow-footed Honeyguide	Prodotiscus insignis Melignomon eisentrauti	1	1	1	1 :	1 1 1	1 1 1	1	1 1	6 6	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa	Nsuta, Ankasa
186 186 186	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi	1	1	1	1	1 1 1	1	1	1 1	6 6	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum	·
186 186 186 186	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis	1	1	1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1	1 1	6 6 3	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+]	Nsuta, Ankasa
186 186 186 186 188	ВТ	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris	1	1	1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1	1 1	6 3 1 4	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri	Nsuta, Ankasa
186 186 186 186 188	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus	1	1 1 1	1 1 1	1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1	1 1 1	6 3 1 4	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka	Nsuta, Ankasa
186 186 186 186 188	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris	1	1 1 1 1	1 1 1 1	1 : 1 : 1 : 1 : 1	1 1 1 1 1 1	1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 3 1 4 2	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri	Nsuta, Ankasa
186 186 186 186 188 188	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana	1	1 1 1 1	1 1 1 1	1 : 1 : 1 : 1 : 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 3 1 4 2 8 9	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa	Nsuta, Ankasa
186 186 186 186 188 188 194 192	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet Buff-spotted Woodpecker	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana Pardipicus nivosus	1	1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 3 1 4 2 8 9	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa	Nsuta, Ankasa
186 186 186 188 188 194 192 192 190	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet Buff-spotted Woodpecker Brown-eared Woodpecker Fine-spotted Woodpecker Golden-tailed Woodpecker	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana Pardipicus nivosus Pardipicus caroli Campethera punctuligera Campethera abingoni	1 1 1	1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 3 1 4 2 8 9 1 8 3	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa ++ Ankasa Mole Mole	Nsuta, Ankasa
186 186 186 188 188 194 192 192 190 190	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet Buff-spotted Woodpecker Brown-eared Woodpecker Fine-spotted Woodpecker Golden-tailed Woodpecker Little Green Woodpecker	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana Pardipicus nivosus Pardipicus caroli Campethera punctuligera Campethera abingoni Campethera maculosa	1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 3 1 4 2 8 9 1 8 3 4	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa ++ Ankasa Mole Mole Kakum	Nsuta, Ankasa
186 186 186 188 188 194 192 190 190 192 192	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet Buff-spotted Woodpecker Brown-eared Woodpecker Fine-spotted Woodpecker Golden-tailed Woodpecker Little Green Woodpecker	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana Pardipicus nivosus Pardipicus caroli Campethera punctuligera Campethera abingoni Campethera maculosa Chloropicus pyrrhogaster	1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1	1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	6 6 3 1 4 2 2 8 9 1 8 3 4 9 9 1	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa ++ Ankasa Mole Mole Kakum forest zone	Nsuta, Ankasa Atewa
186 186 186 188 188 194 192 192 190 190 192 192 83	BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet Buff-spotted Woodpecker Brown-eared Woodpecker Fine-spotted Woodpecker Golden-tailed Woodpecker Little Green Woodpecker Fire-bellied Woodpecker Melancholy Woodpecker	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana Pardipicus nivosus Pardipicus caroli Campethera punctuligera Campethera abingoni Campethera maculosa Chloropicus pyrrhogaster Dendropicos lugubris	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1	1 . 1 . 1 . 1 . 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 3 1 4 2 8 9 1 8 3 4 9 9	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa ++ Ankasa Mole Mole Kakum forest zone forest zone	Atewa Ankasa, Bobiri, Atewa
186 186 186 188 194 192 192 190 190 192 192 83 190	BT BT BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet Buff-spotted Woodpecker Brown-eared Woodpecker Fine-spotted Woodpecker Golden-tailed Woodpecker Little Green Woodpecker Fire-bellied Woodpecker Melancholy Woodpecker African Grey Woodpecker	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana Pardipicus nivosus Pardipicus caroli Campethera punctuligera Campethera abingoni Campethera maculosa Chloropicus pyrrhogaster Dendropicos lugubris Dendropicos goertae	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1	1 . 1 . 1 . 1 . 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 3 1 4 2 8 9 1 8 3 4 9 9	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa ++ Ankasa Mole Mole Kakum forest zone Gorest zone Shai, Opro, Mole	Nsuta, Ankasa Atewa
186 186 186 188 188 194 192 192 190 190 192 83 190 190	BT BT BT	Cassin's Honeybird Yellow-footed Honeyguide Willcocks's Honeyguide Least Honeyguide Thick-billed Honeyguide Spotted Honeyguide African Piculet Buff-spotted Woodpecker Brown-eared Woodpecker Fine-spotted Woodpecker Golden-tailed Woodpecker Little Green Woodpecker Fire-bellied Woodpecker Melancholy Woodpecker Brown-backed Woodpecker	Prodotiscus insignis Melignomon eisentrauti Indicator willcocksi Indicator exilis Indicator conirostris Indicator maculatus Sasia africana Pardipicus nivosus Pardipicus caroli Campethera punctuligera Campethera abingoni Campethera maculosa Chloropicus pyrrhogaster Dendropicos lugubris Dendropicos goertae Dendropicos obsoletus	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 3 1 4 2 8 8 9 1 8 3 4 9 9 9 9 5 5	Kakum, Atewa Kakum, Bonkro, Bobiri, Atewa Kakum [Bobiri+] Kakum, Bobiri Kakum, Ankasa, Atewa, Kalapka Kakum, Nsuta, Atewa ++ Ankasa Mole Mole Kakum forest zone Groest zone Shai, Opro, Mole Mole	Ankasa, Bobiri, Atewa Sakumono
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Selender-Bailed Greenhal Selender-Bailed (Selenhal Calyspoots) Selenhal Calyspoots (Selenhal Calyspoots) Selenhal Calyspoots) Selenhal Calyspoots (Selenhal Calyspoots) Selenhal Calyspoots)					-	_	-	-	-	-	_	1			Winneba, Mole
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28. B		-		· ''	-	-	-	_	-	-	-	1			other
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Septed Greenbul			,	· ·	1	1	1	1 1	1 1	1	1	1	9		
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Simple Greenbul		-	•				_		_	_	_	1			Ankasa
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218 Streembal Carrillor olivaress 1 1 1 1 1 1 1 1 1		ВТ	Western Bearded Greenbul	Criniger barbatus	1	1	1	1 1	1 1	1 1	. 1	1	9	Kakum, Ankasa, Atewa	other
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Utile Grey Greenbul		-			-	-	_	_	_	-	_	_			
			Little Grey Greenbul	Eurillas gracilis	-	-	-	-	-	-	-	-			other
Leterine Greenbul		_		-	-	-	-	1	1	L 1	. 1	1	7		
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Red-Chested Swallow					1	1	1	1 1	1 1	1 1	1	1	9		other
White-bibbed Swallow	198				1	1	1	1 1	1 1	1 ا	. 1	1			other
		_			-	-	-	-	-	-	-	1			
West African Swallow		_			1	1	1 :	1 1	1 1	L 1	. 1	1	9		
Red-breasted Swallow		_			H	+	1	+	1	╀	1	1	2		voita river
Moustached Grass Warbler Melocichia mentalis		-			Н	十	1	╁	╫	t	1	Н	2		Nsuta, Pra, Atewa
38 St Kemp's Longbill	202	B2	Preuss's Cliff Swallow	Petrochelidon preussi	1	1	1	1 1	1 1	l 1	. 1	1	9	Kakum, Brenu, Twifo	other
Grey Longbill					-	-	-	-	-	-	-	-			· ·
Green Cromber		$\overline{}$			$\boldsymbol{-}$	-	-	-	_	-	-	1			other
Lemon-bellied Crombec				·	-	-	_	_	_	-	_	1			
Chestnut-capped Flycatcher		_		•	-	-	-	+	+	+	1	1			other
Tit Hylia		_		,	1	1	1	1 1	1 1	1	1	1			
Greater Swamp Warbler		-	Green Hylia		1	1	1	1 1	1 1	1 1	. 1	1	9	forest zone	
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Whistling Cisticola		-	·	·	H	+	+	+	+	+	+	Н	0		
Croaking Cisticola		-		<u> </u>	1	1	1	1 1	1 1	1	1	1		-	other
242 B2 Dorst's Cisticola Cisticola marginatus 1 1 1 1 1 1 5 Mole		_			-	_	_	_	_	_	_	_			
240 Short-winged Cisticola Cisticola brachypterus 1 1 1 1 1 1 1 1 1	242		Winding Cisticola	Cisticola marginatus	1	1	1	1	1 1	Ţ	1	1	6	Sakumono, Accra	
Rufous Cisticola Cisticola rufus 1 1 1 1 1 1 1 1 1		-			-	-	-	_	-	-	\perp	1			
244 Red-winged Prinia Prinia erythroptera 1		_			-	-	-	-	-	-	-	1			other
Black-capped Apalis					-	_	_	_	-	-	_	_			Kakum
244 BT SHARPE'S APALIS Apalis sharpii 1 1 1 1 1 1 1 1 1				· ·	1	+	+	+	1	1 1	+	1	4		
246Yellow-browed CamaropteraCamaroptera superciliaris111				· · · · · · · · · · · · · · · · · · ·	-	_	_	_	_	_	_	_		forest zone	
Olive-green Camaroptera Camaroptera chloronota 1 1 1 1 1 1 1 1 1					-	-	-	_	-	-	-	1			Winneba
Senegal Eremomela Eremomela pusilla 1 1 1 1 1 1 1 1 1			•		$\boldsymbol{-}$	_	_	-	-	-	-	1			lathar.
Rufous-crowned Eremomela Eremomela badiceps 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		_	<u> </u>	•	-	-	_	_	_	-	_	1			Juliel
Northern Yellow White-eye Zosterops senegalensis 1 1 1 1 1 1 1 1 1				<u> </u>	$\boldsymbol{-}$	_	_	_	_	-	-	1			Bobiri
Pale-breasted Illadopsis Illadopsis rufipennis 1 1 1 1 1 1 1 1 1 1 6 Ankasa Kakum, Atewa 260 Blackcap Illadopsis Illadopsis cleaveri 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-		<u> </u>	-	-	_	_	_	-	_	-			Ankasa, Bobiri
Blackcap Illadopsis Illadopsis cleaveri 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	•		1	-	-	-	-	-	-	-			•
Puvel's Illadopsis Illadopsis puveli 1 1 1 1 1 1 1 1 1 9 Kakum, Atewa Shai 260 BT RUFOUS-WINGED ILLADOPSIS Illadopsis rufescens 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				<u> </u>		-	1 :	_	-	-	-	1			·
260BT RUFOUS-WINGED ILLADOPSISIlladopsis rufescens1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						_	1					1	-	· · · · · · · · · · · · · · · · · · ·	
258 BT Capuchin Babbler Turdoides atripennis 1 1 2 Kalapka [Opro]			•	·	-	-	_	_	+	-	_	_		•	
258 Blackcap Babbler Turdoides reinwardtii 1 1 1 1 1 1 1 1 1 1 9 Shai, Mole	260			•		<u> </u>	1		I	1		1	2	Kalapka	
238Yellow-bellied HyliotaHyliota flavigaster11[Mole, Kalapka]238BTViolet-backed HyliotaHyliota violacea11111118KakumNsuta, Bobiri, Atewa284BTCOPPER-TAILED STARLINGHylopsar cupreocauda11 </td <td></td> <td>ВТ</td> <td></td> <td>Turdoides plabeius</td> <td>1</td> <td>1</td> <td>_</td> <td>_</td> <td>_</td> <td>-</td> <td>-</td> <td>_</td> <td></td> <td></td> <td>Winneba</td>		ВТ		Turdoides plabeius	1	1	_	_	_	-	-	_			Winneba
238 BT Violet-backed Hyliota Hyliota violacea 1 1 1 1 1 1 1 8 Kakum Nsuta, Bobiri, Atewa 284 BT COPPER-TAILED STARLING Hylopsar cupreocauda 1 1 1 1 1 1 1 8 forest zone	258 258				-					. 1 .		1 4 l	0		1
284 BT COPPER-TAILED STARLING Hylopsar cupreocauda 1 1 1 1 1 1 1 8 forest zone	258 258 258		Blackcap Babbler	Turdoides reinwardtii	-	1	1 :	1 1	1 1		1	-	9		
	258 258 258 238		Blackcap Babbler Yellow-bellied Hyliota	Turdoides reinwardtii Hyliota flavigaster	1			1					1	[Mole, Kalapka]	Nsuta Rabiri Atawa
and the control of th	258 258 258 238 238	ВТ	Blackcap Babbler Yellow-bellied Hyliota Violet-backed Hyliota	Turdoides reinwardtii Hyliota flavigaster Hyliota violacea	1	1	1	1	1 1	1 1	. 1	1	8	[Mole, Kalapka] Kakum	Nsuta, Bobiri, Atewa

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2015	284		Splendid Starling	Lamprotornis splendidus	-	_	_	_	_	-	_	_	_	++	
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April					$\frac{1}{4}$	1	1	11	1 1	1	_	_			Ankasa, Bobiri
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Second content of Alchement Conspiral processing 1 1 1 1 1 1 1 1 1		ВТ	•		-	-	=	_	4	1	Ц	1	_	<u> </u>	Kakum, Ankasa
White-Convent Robbin Chart	248	ВТ			-	_	-	_	1	1	\sqcup	1			
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Passer's Sumbird	226	B2			1	1	1	1 1	1	1	1	1	9	Shai	
Managrove Sunbird	226				-	_									
Western Volort-backed Sunbind	264		Fraser's Sunbird	Deleornis fraseri		_	_	_	_	-	_	_	_		
Little Green Sumbrid	264		Mangrove Sunbird	Anthreptes gabonicus	1	1	1	1 1	1	1	1	1	9	Ebi	Kakum, Twifo River
	264		Western Violet-backed Sunbird	Anthreptes longuemarei	П	1	_]:	1 1	1			J	4	Mole+	
	264		Little Green Sunbird		1	1	_[:	1	1	1	1	1	7	forest zone	
Reckhenbach's Sunbird	264		YELLOW-CHINNED SUNBIRD	Anthreptes rectirostris	1	1	1	1	L	1	1	1	7	forest zone (few Bobiri)	
Siecen-headed Sunbird	268		Pygmy Sunbird	Hedydipna platura	1	1	1	1 1	1	1	1	1	9	Mole	
Second Second Surbird Cyanomitra oyalosema 1 1 1 1 1 1 1 9 forest zone	266		Reichenbach's Sunbird	Anabathmis reichenbachii	П	1	1	1	1	1	1	1	7	Ebi, (road to) Ankasa	Kakum
Second Second Surbird Cyanomitra oyalosema 1 1 1 1 1 1 1 9 forest zone	266		Green-headed Sunbird	Cyanomitra verticalis	1	1	1	1 1	1	1	1	1	9	Greater Kakum Area, Brenu	other
See	266		Blue-throated Brown Sunbird	Cyanomitra cyanolaema	1	1	1	1 1	1	1	1	1	_		
Olive-bellied Sunbird	266	ВТ	Buff-throated Sunbird		-	-	-	_	-	-	-	_	_	forest zone	
Olive-bellied Sunbird	266		Carmelite Sunbird	Chalcomitra fuliginosa	П	1		T	T	T		T	0	[Half Assini+]	
Tray Sumbird					1	1	1	1 1	1	1	1	1			
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Black-necked Weaver Ploceus ingricollis 1 1 1 1 1 1 1 1 1			copper suman a	Territion capitals	121	7	+	∓	+	干	-	_			
			Slender-hilled Weaver	· ·	11 I	- 1	- 1	I 1				1	3	Mankessim	
	292			Ploceus pelzelni	1	1	1 -	<u> </u> 1 1	1	1	-	_			
1 1 1 1 1 1 1 1 1 1	292 292		Black-necked Weaver	Ploceus pelzelni Ploceus nigricollis	-	_	_	_	-	-	1	1	9	++	coastal road
Black-headed Weaver	292 292 292		Black-necked Weaver Orange Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius	П	1	_	_	1	1	1	1	9 8	++ Hans Cottage Botel, Takorado, Ebi	
Vallow-mantled Weaver Ploceus tricolor	292 292 292 294		Black-necked Weaver Orange Weaver Heuglin's Masked Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini	1	1	1	1 1	1	1	1 1 1	1	9 8 5	++ Hans Cottage Botel, Takorado, Ebi Mole	
274 37 Maxwell's Black Weaver	292 292 292 294 294	BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus	1	1 1 1	1 :	1 1	1 1	1 1 1	1 1 1	1	9 8 5 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++	Shai
Compact Weaver	292 292 292 294 294 292	BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus	1 1 1	1 1 1	1 : 1 :	1 1 1 1 1 1	1 1 1 1	1 1 1	1 1 1 1	1 1 1	9 8 5 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole	Shai
Preuss's Weaver	292 292 292 294 294 292 294	BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor	1 1 1	1 1 1 1	1 : 1 : 1 :	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1	1 1 1 1	1 1 1	9 8 5 9 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa)	Shai Kakum
38 Red-vented Malimbe	292 292 292 294 294 292 294 294	BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha	1 1 1	1 1 1 1	1 : 1 : 1 :	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1	1 1 1 1	1 1 1	9 8 5 9 9 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa	Shai Kakum other
B Blue-billed Malimbe Malimbus nitens 1 1 1 1 1 1 1 1 1	292 292 292 294 294 292 294 294 294	BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus	1 1 1 1	1 1 1 1	1 : 1 : 1 : 1 :	1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1	9 8 5 9 9 9 8	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+	Shai Kakum other Winneba, Brenu
Red-headed Malimbe	292 292 294 294 294 292 294 294 296 294	BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi	1 1 1 1	1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	9 8 5 9 9 9 8 1	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa	Shai Kakum other Winneba, Brenu Bobiri
Crested Malimbe	292 292 294 294 294 292 294 294 296 294 298	BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus	1 1 1 1 1	1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1	9 8 5 9 9 9 8 1 1 5	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa
Red-headed Quelea Quelea erythrops	292 292 294 294 294 292 294 294 296 294 298 298	BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens	1 1 1 1 1 1	1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	9 8 5 9 9 9 8 1 5 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Ankasa	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa
Vellow-crowned Bishop	292 292 294 294 294 294 294 296 294 298 298	BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus rubricollis	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	9 8 5 9 9 8 1 5 9 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa Kakum, Osuta, Ankasa Kakum, Osuta, Ankasa Kakum, Osuta, Ankasa	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa
Magpie Mannikin	292 292 294 294 294 294 294 296 294 298 298 298 298	BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus malimbicus	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	9 8 5 9 9 9 8 1 1 5 9 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa
BT RED-FRONTED ANTPECKER	292 292 294 294 294 294 294 296 294 298 298 298 298	BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus malimbicus Quelea erythrops	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	9 8 9 9 9 8 1 5 9 9 9 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other
White-breasted Nigrita	292 292 294 294 294 294 294 296 294 298 298 298 298 298 298	BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus malimbicus Quelea erythrops Euplectes afer	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 9 8 1 5 9 9 9 9 7	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Section Sect	292 292 294 294 294 294 294 296 298 298 298 298 298 298 300 310	BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 8 1 5 9 9 9 9 7 7	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Grey-headed Nigrita Nigrita canicapillus 1 1 1 1 1 1 1 1 1	292 292 294 294 294 294 294 296 294 298 298 298 298 298 300 310 302	BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 9 8 1 5 9 9 9 7 3 8 4	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Pale-fronted Nigrita Nigrita luteifrons	292 292 294 294 294 294 294 296 298 298 298 298 298 300 310 302	BT BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 5 9 9 8 1 5 9 9 9 9 7 3 8 4	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa)	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Lavender Waxbill Glaucestrilda caerulescens 1 1 1 1 1 1 1 1 1	292 292 294 294 294 294 294 296 298 298 298 298 298 300 310 302 302	BT BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita bicolor	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 8 1 1 9 9 9 7 3 8 4 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa)	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Orange-cheeked Waxbill	292 292 294 294 294 294 294 296 298 298 298 298 298 300 310 302 302 302	BT BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita canicapillus	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 8 1 1 9 9 9 7 3 8 4 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone (few Ankasa)	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Quailfinch Ortygospiza atricollis	292 292 294 294 294 294 294 296 298 298 298 298 298 300 310 302 302 302 302	BT BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita Grey-headed Nigrita	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita canicapillus Nigrita luteifrons	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 5 9 9 8 1 5 9 9 7 3 8 4 9 9 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone [Kakum]	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Orange-breasted Waxbill Amandava subflava I I I I I I I I I I I I I I I I I I	292 292 294 294 294 294 294 296 294 298 298 298 298 300 310 302 302 302 302 302 302	BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita Pale-fronted Nigrita Lavender Waxbill	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita canicapillus Nigrita luteifrons Glaucestrilda caerulescens	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 5 9 9 8 1 1 9 9 9 7 3 8 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone [Kakum] Mole	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Black-rumped Waxbill Estrilda troglodytes 1 1 1 1 1 1 1 1 1 1 8 Kakum, Atewa Ankasa, Brenu Western Bluebill Spermophaga haematina 1 1 1 1 1 1 1 1 8 Kakum, Atewa Ankasa, Brenu Black-bellied Seedcracker Pyrenestes ostrinus 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	292 292 294 294 294 294 294 296 298 298 298 298 300 310 302 302 302 302 302 308	BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita Grey-headed Nigrita Pale-fronted Nigrita Lavender Waxbill Orange-cheeked Waxbill	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita canicapillus Nigrita luteifrons Glaucestrilda caerulescens Estrilda melpoda	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 8 1 5 9 9 9 7 3 8 4 9 9 9 9 9 9	Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone (Few Ankasa) forest zone Kakum, Ankasa, Atewa forest zone forest zone [Kakum] Mole ++	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Western Bluebill Spermophaga haematina 1 1 1 1 1 1 1 1 1	292 292 294 294 294 294 296 298 298 298 298 298 300 310 302 302 302 302 302 308 308 310	BT BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita Grey-headed Nigrita Pale-fronted Nigrita Lavender Waxbill Orange-cheeked Waxbill Quailfinch	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita bicolor Nigrita canicapillus Nigrita luteifrons Glaucestrilda caerulescens Estrilda melpoda Ortygospiza atricollis	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 8 1 5 9 9 9 7 3 8 4 9 9 9 9 9 9	Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone [Kakum, Ankasa, Atewa forest zone [Kakum] Mole ++ [Shai]	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono
Black-bellied Seedcracker Pyrenestes ostrinus I I I I I I I I I I I I I I I I I I I	292 292 294 294 294 294 294 296 298 298 298 298 298 300 310 302 302 302 302 302 303 303 303 308 308	BT BT BT	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita Grey-headed Nigrita Pale-fronted Nigrita Lavender Waxbill Orange-cheeked Waxbill Quailfinch Orange-breasted Waxbill	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita bicolor Nigrita canicapillus Nigrita luteifrons Glaucestrilda caerulescens Estrilda melpoda Ortygospiza atricollis Amandava subflava	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 8 1 1 9 9 9 7 3 8 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Hans Cottage Botel, Takorado, Ebi Mole HH Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone [Kakum, Ankasa, Atewa forest zone [Kakum] Mole HH [Shai] [several locations]	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono Bobiri
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206Yellow-throated LongclawMacronyx croceus11111116Sakumono, ShaiWinneba, Brenu314West African SeedeaterCrithagra canicapilla111114Mole316Gosling's BuntingEmberiza goslingi111113Mole	292 292 294 294 294 294 294 296 298 298 298 298 298 300 310 302 302 302 302 302 302 302 302 302 30	BT B	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita Grey-headed Nigrita Pale-fronted Nigrita Lavender Waxbill Orange-cheeked Waxbill Quailfinch Orange-breasted Waxbill Black-rumped Waxbill Western Bluebill Black-bellied Seedcracker Red-winged Pytilia Black-faced Firefinch Bar-breasted Firefinch Black-faced Firefinch	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita bicolor Nigrita canicapillus Nigrita luteifrons Glaucestrilda caerulescens Estrilda melpoda Ortygospiza atricollis Amandava subflava Estrilda troglodytes Spermophaga haematina Pyrenestes ostrinus Pytilia phoenicoptera Pytilia hypogrammica Lagonosticta rufopicta Lagonosticta larvata	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone [Kakum, Ankasa, Atewa forest zone [Kakum] Mole ++ [Shai] [several locations] Brenu Kakum, Atewa Kakum, Ankasa Mole [Shai] [Mole+] Kakum, Brenu, Mole Mole+	Shai Kakum other Winneba, Brenu Bobiri Bobiri, Atewa Nsuta, Atewa other Sakumono Bobiri Winneba, Mole Ankasa, Brenu Nsuta, Atewa Winneba Winneba
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316 Cabanis's Bunting Emberiza cabanisi 1 1 2 Mole	292 292 294 294 294 294 294 296 298 298 298 298 298 300 310 302 302 302 302 302 302 302 302 302 30	BT B	Black-necked Weaver Orange Weaver Heuglin's Masked Weaver Vieillot's Black Weaver Black-headed Weaver Yellow-mantled Weaver Maxwell's Black Weaver Compact Weaver Preuss's Weaver Red-vented Malimbe Blue-billed Malimbe Red-headed Malimbe Red-headed Malimbe Red-headed Quelea Yellow-crowned Bishop Magpie Mannikin RED-FRONTED ANTPECKER White-breasted Nigrita Chestnut-breasted Nigrita Grey-headed Nigrita Grey-headed Nigrita Lavender Waxbill Orange-cheeked Waxbill Quailfinch Orange-breasted Waxbill Black-rumped Waxbill Black-rumped Waxbill Black-bellied Seedcracker Red-winged Pytilia Yellow-winged Pytilia Black-faced Firefinch Bar-breasted Firefinch Black-faced Firefinch Black-faced Firefinch Wilson's Indigobird Togo Paradise Whydah Yellow-throated Longclaw West African Seedeater	Ploceus pelzelni Ploceus nigricollis Ploceus aurantius Ploceus heuglini Ploceus nigerrimus Ploceus melanocephalus Ploceus tricolor Ploceus albinucha Ploceus superciliosus Ploceus preussi Malimbus scutatus Malimbus nitens Malimbus rubricollis Malimbus malimbicus Quelea erythrops Euplectes afer Spermestes fringilloides Parmoptila rubrifrons Nigrita fusconotus Nigrita bicolor Nigrita canicapillus Nigrita luteifrons Glaucestrilda caerulescens Estrilda melpoda Ortygospiza atricollis Amandava subflava Estrilda troglodytes Spermophaga haematina Pyrenestes ostrinus Pytilia phoenicoptera Pytilia hypogrammica Lagonosticta rara Lagonosticta rufopicta Lagonosticta larvata Vidua wilsoni Vidua togoensis Macronyx croceus Crithagra canicapilla	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	98 99 99 81 59 99 99 71 38 49 99 99 99 10 10 10 10 10 10 10 10 10 10	++ Hans Cottage Botel, Takorado, Ebi Mole ++ Mole forest zone (few Ankasa) Kakum, Nsuta, Atewa Atewa (farmbush)+ Kakum, Atewa Kakum, Nsuta, Ankasa Kakum, Ankasa forest zone (few Ankasa) forest zone Opro, Mole Atewa Mole Greater Kakum Area Kakum, Ankasa, Atewa forest zone (few Ankasa) forest zone [Kakum] Mole ++ [Shai] [several locations] Brenu Kakum, Atewa Kakum, Ankasa Mole [Shai] [Mole+] Kakum, Brenu, Mole Mole+ Mole+ Mole+ Mole+ Sakumono, Shai Mole	Shai Kakum other Winneba, Brenu Bobiri, Atewa Nsuta, Atewa other Sakumono Bobiri Winneba, Mole Ankasa, Brenu Nsuta, Atewa Winneba Winneba Coastal road
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1 SHAI HILLS

Only (+) or best location

+	White-crowned Cliff Chat
+	Chestnut Owlet
	Yellow-winged Pytilia

Good location

Guinea Turaco
Violet Turaco
Blue-bellied Roller
Rosy Bee-eater
Bearded Barbet
Senegal Parrot
Senegal Batis
Yellow-crowned Gonolek
Oriole Warbler
Senegal Eremomela
Blackcap Babbler
Splendid Sunbird

Also possible (2nd only)

Black-shouldered Nightjar
Heuglin's Masked Weaver
Western Square-tailed Drongo
Puvel's Illadopsis

2 WINNEBA PLAINS

Good location

Guinea Turaco
Yellow-crowned Gonolek
Splendid Sunbird

Also possible (2nd only)

Oriole Warbler
Brown Babbler
Yellow-winged Pytilia

3 FOREST ZONE

Kakum, Ankasa, Bobiri, Atewa

Only or best location

Only or best location
Latham's Francolin
Yellow-billed Turaco
Black-throated Coucal
Olive Long-tailed Cuckoo
Blue-headed Wood Dove
Congo Serpent Eagle
Red-chested Goshawk
White-crested Hornbill
Naked-faced Barbet
Hairy-breasted Barbet
Fire-bellied Woodpecker
Melancholy Woodpecker
West African Wattle-eye
Sabine's Puffback
Red-billed Helmetshrike
Fanti Drongo
Grey-headed Bristlebill
Sharpe's Apalis
Copper-tailed Starling
Finsch's Rufous Thrush
Ussher's Flycatcher
Fraser's Sunbird
Buff-throated Sunbird
Tiny Sunbird
Johanna's Sunbird
Chestnut-breasted Nigrita
Long-tailed Hawk
Yellow-mantled Weaver
Narrow-tailed Starling

4 KAKUM NP - I

Only (+) or best location

	Brown Nightjar
	Red-cheeked Wattle-eye
	Fanti Saw-wing
	Violet-backed Hyliota
	Black Spinetail
	Cassin's Hawk-Eagle
	Forest Penduline Tit
	Little Green Woodpecker
	Black-shouldered Nightjar
+	Bates's Swift
+	Black-collared Lovebird

4 KAKUM NP - II

Good location

	Good location
-:	Guinea Turaco
	Sabine's Spinetail
	Cassin's Spinetail
	Akun Eagle-Owl
	[Western] Piping Hornbill
	Brown-cheeked Hornbill
	White-throated Greenbul
	Black Dwarf Hornbill
	Rosy Bee-eater
	Bristle-nosed Barbet
	Yellow-billed Barbet
	African Piculet
	Western Bearded Greenbul
	Preuss's Cliff Swallow
	Kemp's Longbill
	Puvel's Illadopsis
	White-tailed Alethe
	Forest Robin
	Splendid Sunbird
	Maxwell's Black Weaver
	Red-vented Malimbe
	Blue-billed Malimbe
	Rufous-sided Broadbill
	Blue Cuckooshrike
	Western Bluebill
	Fraser's Eagle-Owl
	Forest Wood Hoopoe
	White-headed Wood Hoopoe
	Black-casqued Hornbill
	Yellow-footed Honeyguide
	Preuss's Weaver
	Ahanta Francolin
	Little Grey Flycatcher
	Red-fronted Antpecker

Also possible

Lagden's Bushshrike
Olivaceous Flycatcher
Nkulengu Rail
Yellow-casqued Hornbill
Red-billed Dwarf Hornbill
West African Batis
Blackcap Illadopsis
Reichenbach's Sunbird
Tessmann's Flycatcher

5 NSUTA

Good location

!	Brown-cheeked Hornbill
!	Rosy Bee-eater
!	Yellow-billed Barbet
	Sabine's Spinetail
	Cassin's Spinetail
	Spot-breasted Ibis
	Akun Eagle-Owl
	[Western] Piping Hornbill
	African Piculet
	Kemp's Longbill
	Maxwell's Black Weaver
	Red-vented Malimbe
	Black Dwarf Hornbill
!	White-headed Wood Hoopoe
	Tessmann's Flycatcher
Į.	Olivaceous Flycatcher

Also possible (2nd only)

Black Spinetail
Bates's Swift
Cassin's Hawk-Eagle
Red-billed Dwarf Hornbill
West African Batis
Forest Penduline Tit
Violet-backed Hyliota
Blue-billed Malimbe

6 EBI RIVER / WETLANDS

Only or best location

White-browed Forest Flycatcher

(One of) best location(s)

White-bibbed Swallow
Reichenbach's Sunbird
Hartlaub's Duck

7 ANKASA RESERVE

Only (+) or best location

	_ / (/
+	White-bellied Kingfisher
	Green-tailed Bristlebill
+	White-crested Tiger Heron
	Nkulengu Rail
	Yellow-casqued Hornbill
	Yellow-bearded Greenbul
	Rufous-winged Illadopsis
+	White-breasted Guineafowl
+	Dusky Long-tailed Cuckoo
+	Grey-throated Rail
+	Lowland Akalat
+	Black-collared Lovebird
	Heuglin's Masked Weaver

Good location

Also possible

Lagden's Bushshrike
Dusky Crested Flycatcher
Cassin's Hawk-Eagle
Brown-cheeked Hornbill
Black Dwarf Hornbill
Bates's Swift
Blue-moustached Bee-eater
Bristle-nosed Barbet
Yellow-billed Barbet
Little Green Woodpcker
Forest Scrub Robin
Olivaceous Flycatcher
Tessmann's Flycatcher

8 BRENU BEACH

Only or best (+) location

Pied-winged Swallow

Good location

!	Preuss's Cliff Swallow
!	Splendid Sunbird
	Yellow-crowned Gonolek
	Oriole Warbler

9 BONKRO

Only or best (+) location

+ White-necked Rockfowl

Good location

Yellow-footed Honeyguide

Also possible

Forest Robin
Blue Cuckooshrike

10 BOBIRI

Only or best (+) location

+ Sandy Scops Owl

Good location

!	Bristle-nosed Barbet
!	Black Dwarf Hornbill
	Red-billed Dwarf Hornbill
	Blue Cuckooshrike
!	Red-thighed Sparrowhawk
	Forest Wood Hoopoe
	Yellow-footed Honeyguide
	Tessmann's Flycatcher
	Little Grey Flycatcher

Also possible

 •
Thick-billed Cuckoo
Brown Nightjar
Black Spinetail
Yellow-throated Cuckoo
Nkulengu Rail
Little Green Woodpcker
Violet-backed Hyliota
Preuss's Weaver
Red-vented Malimbe
Magpie Mannikin
White-headed Wood Hoopoe
Forest Robin

11 MOLE NP

Only (+) or best location

+	White-throated Francolin
+	Forbes's Plover
+	Fine-spotted Woodpecker
+	Sun Lark
+	Rufous Cisticola
+	White-crowned Robin-Chat
+	Lavender Waxbill
+	Red-winged Pytilia
+	Beaudouin's Snake Eagle
+	Dorst's Cisticola
+	Togo Paradise Whydah
	Wilson's Indigobird
	Western Square-tailed Drongo

Only (+) or best location

	West African Seedeater
	Heuglin's Masked Weaver
+	Yellow Penduline Tit
+	Rufous-rumped Lark
+	Gosling's Bunting
+	Emin's Shrike

Good location

!	Senegal Parrot
!	Violet Turaco
	Blue-bellied Roller
!	Bearded Barbet
!	Senegal Batis
!	Yellow-crowned Gonolek
!	Oriole Warbler
ļ.	Senegal Eremomela
ļ.	Blackcap Babbler

Also possible

Yellow-bellied Hyliota

12 ATEWA - I

Only (+) or best location

	West African Batis
+	Many-colored Bushshrike
	Blue-moustached Bee-eater
+	Nimba Flycatcher
+	Fiery-breasted Bushshrike
	Yellow-throated Cuckoo
	Forest Scrub Robin

Good location (all !)

Sabine's Spinetail
African Piculet
Western Bearded Greenbul
Kemp's Longbill
White-tailed Alethe
Forest Robin
Maxwell's Black Weaver
Puvel's Illadopsis
White-throated Greenbul
Western Bluebill

12 ATEWA - II

Good location

Fraser's Eagle-Owl
Forest Wood Hoopoe
Yellow-footed Honeyguide
Blackcap Illadopsis
Tessmann's Flycatcher
Preuss's Weaver
Little Grey Flycatcher
Red-fronted Antpecker

Also possible

Dusky Crested Flycatcher
Cassin's Hawk-Eagle
Brown-cheeked Hornbill
Bristle-nosed Barbet
Yellow-billed Barbet
Little Green Woodpcker
Red-cheeked Wattle-eye
Forest Penduline Tit
Green-tailed Bristlebill
Yellow-bearded Greenbul
Rufous-winged Illadopsis
Violet-backed Hyliota
Olivaceous Flycatcher
Red-vented Malimbe
Blue-billed Malimbe

13 KALAPKA

Only (+) or best location

+	Baumann's Olive Greenbul
+	Capuchin Babbler

Good locations (all!)

Blue-bellied Roller

Also possible

•
Yellow-bellied Hyliota
Black-shouldered Nightjar
Nkulengu Rail
Senegal Batis
Senegal Parrot
Red-cheeked Wattle-eye
Forest Robin

NOTE: not included targets are Orange Wever, Western Plaintaineater (++), Allen's Gallunile, Carmelite Sunbird, Vieillot's Black Weaver (++)

EXPLANATION

Only or best location

Species only occuring at 1 location or this being the best

Good locations

Species occuring at multiple good sites

Also possible

Second best site for this species

Red species

If only or best spot, then included there. Otherwise included in 'also possible' as low chance

- ! last chance (only if at multiple good sites)
- + Species only occuring here. If no +, also second best site

Trip list

At the end of our trip we did record 458 species in 23 full days, of which 11 were heard-only. In the list below, these are below by 'HO' behind the scientific name. For most species the locations are specified per observation, but for some very common species I put a dash (-). In some cases I added observations only occasionally, for example Ethiopian Swallow, African Pied Swallow and Village Weaver. Most of the locations are described above, except the locations below. Please note Mognori River is just outside of Mole NP and described there. The Pra River is described under Kakum NP, as most people combine this with their birding activities around here.

- <u>Brenu Akyinin:</u> This birding spot, also known as Brenu Beach, is located southeast of the Ayensudo just a 20 minutes' drive west of Cape Coast. The actual road to the coastal village of Brenu starts right here: 5.0915, -1.4458. Most people bird here on their way back from Ghana. Based on eBird this seems to be a good spot for Pied-winged Swallow but we did not see it here. We did see our only Great Spotted Cuckoo here, and had nice views of Oriole Warbler and Green-headed Sunbird here. Yellow-crowned Gonolek was HO. We were a bit late and birded only to the pools around 5.0794, -1.4214.
- <u>Half Assini</u>: If you want to add the localised Carmalite Sunbird (a local, coastal species of western Africa south to Angola) to you list, Half-Assini is your only choice. The drive from/to Half-Assini from the coastal highway (N1) will take you about an hour, as the asphalted road has many potholes. There is a police checkpoint right here: 5.0450, -2.8569. One in Half Assini we stopped at 5.0487, -2.8762 and after a little while were looking at a total of 3 Carmelite Sunbirds. In the meantime we enjoyed good views of Black-necked Weaver, Western Plantain-eater and Northern Yellow White-eye in the same tree.
- <u>Legon Botanical Garden</u>: This birding spot is in the heart of Accra (parking at 5.6671, -0.1879) and was visited by us because we had some time to kill before our flight. While at first it seemed to be a rather boring exercise with 100s of cormorants and egrets, we soon started to pick up some goodies just at the back of the park. Somehow the birds seemed to be less shy here and we the best views of many species including African Grey Woodpecker, Yellow-throated Leaflove, Bearded Barbet, Fine-spotted Woodpecker, Piping Hornbill, Long-tailed Glossy Starling, Guinea Turaco, Blue-bellied Roller, Senegal Parrot and Blackcap Babbler. We even found a surprise Northern Red-billed Hornbill and added Blueheaded Coucal (5.6598, -0.1847) to our Ghana list.

The list is an export of all observations recorded by Sjoerd only (440, 15 HO) and does not include observations by Julien. These mostly include wintering European birds, but lifers painfully missed by Sjoerd were Bates's Swift (Wassa forest), Baudouin's Snake Eagle (Mole NP), Red-thighted Sparrowhawk (Bobiri Butterfly Sanctuary), Thick-billed Honeyguide (Nsuta forest), Little Green Woodpecker (Wassa forest), Forest Penduline Tit (Nsuta forest), Black-bellied Seedcracker (Atewa forest), Yellow-winged Pytillia (Kalakpa RR) and – a male – Wilson's Indigobird (Brenu Beach). A Whitecrested Tiger Heron flushed by Sjoerd in Ankasa NP was later unticked by me (being a purist), but still ticked by Julien.

BIRDS

1 White-faced Whistling Duck Dendrocygna viduata

heard Accra 02-26, 50 Lily's pond (Bokro) 03-03, 28 Ebi Wetland 03-03, 2 En route 03-07, 45 Lily's pond (Bokro) 03-07

2 Hartlaub's Duck Pteronetta hartlaubii

9 Ebi Wetland 03-03, 1 Ankasa pools 03-06, 1 En route 03-07, 5 Ebi Wetland 03-07

3 **African Pygmy Goose** *Nettapus auritus*

8 Lily's pond (Bokro) 03-03, 1 Ebi Wetland 03-03, 1 Ankasa entrance road 03-07, 5 Lily's pond (Bokro) 03-07

4 **Helmeted Guineafowl** *Numida meleagris galeatus*

23 Shai Hills 02-26, 63 Mole NP 03-10, 1 Mole NP 03-11

5 **Stone Partridge** *Ptilopachus petrosus petrosus*

4 + 1 heard Shai Hills 02-26, 2 Mole NP 03-10

6 Latham's Francolin Peliperdix lathami lathami – HO

1 heard Bobiri Butterfly Sanctuary 03-13

7 **White-throated Francolin** *Peliperdix alboqularis buckleyi*

2 Mole NP 03-11

8 Ahanta Spurfowl Pternistis ahantensis – HO

1 heard Atewa 03-15, 1 heard Kalakpa RR 03-18

9 **Double-spurred Spurfowl** Pternistis bicalcaratus bicalcaratus

3 Shai Hills 02-26, 8 Mole NP 03-10, 1 Kalakpa RR 03-18, 5 + 1 heard RR 03-19

10 **Brown Nightjar** *Veles binotatus*

1 heard Canopy Walkway (Kakum NP) 02-28, 1 Kakum NP 03-07

11 Red-necked Nightjar Caprimulgus ruficollis

1 Mole NP 03-11

12 Black-shouldered Nightjar Caprimulgus nigriscapularis

1 Summer View Lodge 03-03

13 **Plain Nightjar** *Caprimulgus inornatus*

2 Abrafo township 02-27

14 Long-tailed Nightjar Caprimulgus climacurus

2 Abrafo farmbush 02-27, 2 Mole NP 03-09, 2 Mole NP 03-10

15 **Standard-winged Nightjar** *Caprimulgus longipennis*

1 Mole NP 03-10

16 Mottled Spinetail Telacanthura ussheri ussheri

2 Abrafo farmbush 02-27, 1 Canopy Walkway (Kakum NP) 02-28, 2 en route Kakum - Pra river 02-28, 1 Amanuzule river bridge 03-07, 1 Brenu beach rd 03-07, 1 Abrafo farmbush 03-07, 1 En route 03-14, 1 Atewa 03-17, 2 Kalakpa RR 03-18, 1 Kalakpa RR 03-19

17 Black Spinetail Telacanthura melanopygia

2 Kakum NP 02-28, 9 Bobiri Butterfly Sanctuary 03-13

18 Sabine's Spinetail Rhaphidura sabini

2 Canopy Walkway (Kakum NP) 02-28, 1 Ankasa Forest road 03-04, 4 Ankasa Forest road 03-06

19 Cassin's Spinetail Neafrapus cassini

2 Ankasa Forest road 03-04, 2 Ankasa Forest road 03-06

20 African Palm Swift Cypsiurus parvus

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21 **Common Swift** Apus apus apus

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22 **Little Swift** Apus affinis aerobates

5 Alexis Hotel (Tema) 02-26

23 White-rumped Swift Apus caffer

5 Antwikwaa 03-08

24 Great Blue Turaco Corythaeola cristata

7 Ankasa Forest road 03-04

25 **Western Plantain-eater** *Crinifer piscator*

2 Shai Hills 02-26, 1 En route 02-26, 1 Mankessim 02-26, 1 En route 03-01, 2 Shama 03-01, 1 En route 03-03, 3 Ebi Wetland 03-03, 2 Half Assini 03-07, 2 En route 03-09, 1 Mole NP 03-10, 1 Mole NP 03-11, 7 En route 03-12, 5 Kalakpa RR 03-19, 2 Accra 03-19, 9 Legon Botanical Garden (Accra) 03-19

26 Violet Turaco Tauraco violaceus

2 Shai Hills 02-26, 2 Kalakpa RR 03-18, 1 heard Kalakpa RR 03-19

27 **Yellow-billed Turaco** Tauraco macrorhynchus macrorhynchus

3 heard Abrafo forest 02-27, 2 heard Canopy Walkway (Kakum NP) 02-28, 2 heard Wassa Forest 03-01, 1 + 1 heard Nsuta Forest 03-03, 4 + 1 heard Ankasa Forest road 03-04, 1 + 2 heard Ankasa Forest road 03-05, 2 heard Ankasa Forest road 03-06, 1 + 5 heard Atewa 03-15, 3 heard Atewa 03-16

28 **Guinea Turaco** *Tauraco persa persa*

1 + 2 heard Shai Hills 02-26, 3 Abrafo farmbush 03-07, 2 heard Opro River Forest 03-09, 3 heard Kalakpa RR 03-18, 3 + 2 heard Legon Botanical Garden (Accra) 03-19

29 **Denham's Bustard** Neotis denhami denhami

1 Mole NP 03-11

30 **Black-throated Coucal** *Centropus leucogaster leucogaster* – HO

1 heard Canopy Walkway (Kakum NP) 02-28, 1 heard Wassa Forest 03-01, 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-04, 2 heard Bobiri Butterfly Sanctuary 03-13, 2 heard Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15, 2 heard Atewa 03-16, 2 heard Atewa 03-17

31 **Senegal Coucal** Centropus senegalensis senegalensis

1 + 1 heard Shai Hills 02-26, 5 heard Abrafo farmbush 02-27, 1 Half Assini 03-07, 1 Abrafo

farmbush 03-07, 3 heard Antwikwaa 03-08, 1 heard Opro River Forest 03-09, 2 Mole NP 03-10, 1 heard Atewa 03-15, 1 heard Atewa farm bush 03-16, 1 Atewa farm bush 03-17, 1 Kalakpa RR 03-18, 1 Kalakpa RR 03-19, 1 Accra 03-19

32 Blue-headed Coucal Centropus monachus occidentalis

1 Legon Botanical Garden (Accra) 03-19

33 **Blue Malkoha** Ceuthmochares aereus flavirostris

1 Abrafo forest 02-27, 1 heard Kakum NP 02-28, 1 Wassa Forest 03-01, 1 Nsuta Forest 03-02, 1 Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 1 Opro River Forest 03-09, 6 Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 3 Atewa 03-15, 3 Atewa 03-16

34 **Great Spotted Cuckoo** Clamator glandarius

1 Brenu beach rd 03-07

35 **Levaillant's Cuckoo** Clamator levaillantii

4 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-02, 4 Kalakpa RR 03-18, 3 Kalakpa RR 03-19 RR

36 **Diederik Cuckoo** Chrysococcyx caprius

2 Abrafo farmbush 02-27, 1 Atewa 03-15, 1 Atewa farm bush 03-16, 1 Kalakpa RR 03-19

37 Klaas's Cuckoo Chrysococcyx klaas

1 Canopy Walkway (Kakum NP) 02-28, 1 Shama 03-01, 1 Opro River Forest 03-09, 1 Mole NP 03-10, 1 heard Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa farm bush 03-16, 1 heard Atewa 03-17, 1 heard Kalakpa RR 03-18

38 African Emerald Cuckoo Chrysococcyx cupreus – HO

1 heard Canopy Walkway (Kakum NP) 02-28, 2 heard Wassa Forest 03-01, 1 heard Nsuta Forest 03-02, 2 heard Atewa 03-15, 1 heard Atewa 03-16

39 **Dusky Long-tailed Cuckoo** *Cercococcyx mechowi* – HO

1 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05

40 Olive Long-tailed Cuckoo Cercococcyx olivinus

1 heard Wassa Forest 03-01, 2 heard Nsuta Forest 03-02, 1 + 2 heard Ankasa Forest road 03-04, 2 heard Ankasa Forest road 03-05, 2 heard Ankasa Forest road 03-06, 2 heard Kakum NP 03-07, 1 heard Atewa 03-15

41 Black Cuckoo Cuculus clamosus gabonensis – HO

1 heard Wassa Forest 03-01

42 **Red-chested Cuckoo** Cuculus solitarius

1 Nsuta Forest 03-02, 1 heard Atewa 03-15

43 **African Cuckoo** *Cuculus gularis*

1 Mole NP 03-10, 1 Kalakpa RR 03-18, 2 + 1 heard Kalakpa RR 03-19

44 **Western Bronze-naped Pigeon** *Columba iriditorques*

1 + 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-04

45 **Red-eyed Dove** Streptopelia semitorquata

1 Shai Hills 02-26, 1 Hans Cottage Botel 02-27, 1 Ebi Wetland 03-03, 3 En route 03-07, 2

Antwikwaa 03-08, 1 Opro River Forest 03-09, 1 heard Atewa farm bush 03-15, 5 Legon Botanical Garden (Accra) 03-19

46 Vinaceous Dove Streptopelia vinacea

2 Shai Hills 02-26, 2 Abrafo farmbush 02-27, 1 Opro River Forest 03-09, 1 En route 03-09, 2 Mole NP 03-10, 1 Kalakpa RR 03-19

47 **Laughing Dove** Spilopelia senegalensis senegalensis

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48 Black-billed Wood Dove Turtur abyssinicus

1 Shai Hills 02-26, 1 Mole NP 03-10, 1 Mognori River 03-11, 1 Mole NP 03-11, 1 Mole NP 03-12

49 **Blue-spotted Wood Dove** *Turtur afer*

1 Shai Hills 02-26, 2 Ebi Wetland 03-03, 1 Antwikwaa 03-08, 11 Kalakpa RR 03-18, 2 Legon Botanical Garden (Accra) 03-19

50 **Tambourine Dove** *Turtur tympanistria*

1 heard Abrafo farmbush 02-27, 1 heard Wassa Forest 03-01, 1 + 1 heard Nsuta Forest 03-01, 1 heard Nsuta Forest 03-02, 1 heard Nsuta Forest 03-03, 1 Ankasa camp 03-03, 1 heard Ankasa Forest road 03-05, 1 + 1 heard Ankasa Forest road 03-06, 1 heard Antwikwaa 03-08, 1 heard Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15, 1 Atewa 03-16

51 **Blue-headed Wood Dove** *Turtur brehmeri infelix*

1 + 1 heard Kakum NP 02-28, 2 heard Wassa Forest 03-01, 1 heard Ankasa Forest road 03-04, 1 Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15, 1 heard Atewa 03-16

52 **Bruce's Green Pigeon** Treron waalia

7 Mole NP 03-10

53 African Green Pigeon Treron calvus sharpei

3 Canopy Walkway (Kakum NP) 02-28, 2 Wassa Forest 03-01, 20 Nsuta Forest 03-01, 1 Nsuta Forest 03-02, 4 Nsuta Forest 03-03, 3 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13, 4 Atewa 03-16

54 **African Finfoot** *Podica senegalensis senegalensis*

1 Ankasa Forest road 03-04, 1 Ankasa pools 03-06

55 White-spotted Flufftail Sarothrura pulchra pulchra

1 Abrafo township 02-27, 1 heard Wassa Forest 03-01, 2 heard Antwikwaa 03-08, 1 heard Atewa 03-16

56 **Common Moorhen** *Gallinula chloropus meridionalis*

3 Lily's pond (Bokro) 03-03, 4 Legon Botanical Garden (Accra) 03-19

57 **Allen's Gallinule** *Porphyrio alleni*

3 Lily's pond (Bokro) 03-03, 1 Lily's pond (Bokro) 03-07

58 Black Crake Zapornia flavirostra

2 Lily's pond (Bokro) 03-03

59 **Nkulengu Rail** Himantornis haematopus

4 + 1 heard Frenchman Lodge 03-06, 1 heard Bobiri Butterfly Sanctuary 03-13

60 **Little Grebe** Tachybaptus ruficollis capensis

1 Lily's pond (Bokro) 03-03

61 **Senegal Thick-knee** *Burhinus senegalensis*

1 heard Hans Cottage Botel 02-28, 2 Shama 03-02, 1 Brenu beach rd 03-07, 22 Mole NP 03-10, 13 Mole NP 03-11, 1 Legon Botanical Garden (Accra) 03-19

62 Spur-winged Lapwing Vanellus spinosus

4 Ebi Wetland 03-03, 3 Ebi Wetland 03-07

63 White-crowned Lapwing Vanellus albiceps

1 Pra River 02-28

64 African Wattled Lapwing Vanellus senegallus

1 Shai Hills 02-26, 2 Mole NP 03-10, 3 Mole NP 03-11, 2 Kalakpa RR 03-19, 1 Accra 03-19

65 Forbes's Plover Charadrius forbesi

7 Mole NP 03-10

66 **African Jacana** Actophilornis africanus

2 Lily's pond (Bokro) 03-03, 1 Ankasa entrance road 03-07, 2 Mole NP 03-11

67 **Eurasian Whimbrel** *Numenius phaeopus*

1 Ebi Wetland 03-03

68 **Common Sandpiper** Actitis hypoleucos

1 Pra River 02-28, 1 Ankobra River 03-03, 1 Mole NP 03-10

69 **Green Sandpiper** *Tringa ochropus*

1 Shai Hills 02-26, 1 Ankobra River 03-03, 1 Ebi Wetland 03-07

70 Common Greenshank Tringa nebularia

1 Shai Hills 02-26, 1 Ebi Wetland 03-03

71 Rock Pratincole Glareola nuchalis liberiae

13 Pra River 02-28

72 **West African Crested Tern** Thalasseus albididorsalis

1 Ankobra River 03-03

73 Reed Cormorant Microcarbo africanus africanus

3 Hans Cottage Botel 02-27, 1 En route 03-14, 200 Legon Botanical Garden (Accra) 03-19

74 Spot-breasted Ibis Bostrychia rara

1 Nsuta Forest 03-01

75 **Hadada Ibis** Bostrychia hagedash brevirostris

6 Mole NP 03-10

76 **Dwarf Bittern** *Ixobrychus sturmii*

1 Ankasa Forest road 03-04

77 Black-crowned Night Heron Nycticorax nycticorax nycticorax

1 Hans Cottage Botel 03-08, 1 Mole NP 03-11, 1 Legon Botanical Garden (Accra) 03-19

78 **Striated Heron** *Butorides striata atricapilla*

1 Abrafo farmbush 02-27, 1 Amanzule River 03-03, 1 Legon Botanical Garden (Accra) 03-19

79 **Squacco Heron** *Ardeola ralloides*

1 Mankessim 02-26, 1 Mole NP 03-11, 2 Legon Botanical Garden (Accra) 03-19

80 Western Cattle Egret Bubulcus ibis

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81 **Grey Heron** Ardea cinerea cinerea

1 Ebi Wetland 03-03

82 Black-headed Heron Ardea melanocephala

1 Mole NP 03-10

83 **Purple Heron** *Ardea purpurea purpurea*

1 Ebi Wetland 03-03

84 **Great Egret** *Ardea alba melanorhynchos*

1 Mankessim 02-26, 1 Brenu beach rd 03-07

85 Intermediate Egret Ardea intermedia brachyrhyncha

1 Ebi Wetland 03-03, 1 Ebi Wetland 03-07

86 **Little Egret** *Egretta garzetta garzetta*

1 Ebi Wetland 03-03, 1 Ebi Wetland 03-07

87 **Western Reef Heron** *Egretta gularis gularis*

1 Shama 03-01, 1 Ankobra River 03-03, 1 Ebi Wetland 03-03, 2 Ebi Wetland 03-07

88 Hamerkop Scopus umbretta

2 En route 03-09, 1 Mole NP 03-10

89 **Western Osprey** Pandion haliaetus haliaetus

1 Ankobra River 03-03

90 Black-winged Kite Elanus caeruleus caeruleus

1 En route 02-26, 1 En route 03-17

91 **African Harrier-Hawk** *Polyboroides typus pectoralis*

1 Shai Hills 02-26, 2 Abrafo forest 02-27, 2 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-03, 1 Amanuzule river bridge 03-07, 1 Opro River Forest 03-09, 1 Mole NP 03-10, 1 Bobiri Butterfly Sanctuary 03-13, 1 Kalakpa RR 03-18

92 **Palm-nut Vulture** *Gypohierax angolensis*

1 Shai Hills 02-26, 1 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-02, 3 Mole NP 03-10, 1 Atewa 03-16

93 **European Honey Buzzard** *Pernis apivorus*

1 Abrafo farmbush 02-27, 2 Canopy Walkway (Kakum NP) 02-28, 1 Atewa farm bush 03-16

94 **African Cuckoo-Hawk** Aviceda cuculoides batesi

1 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-03, 3 Bobiri Butterfly Sanctuary 03-13, 1 Bobiri Butterfly Sanctuary 03-14, 2 Atewa 03-15

95 **Hooded Vulture** Necrosyrtes monachus CR

2 En route 02-26, 2 en route Kakum - Pra river 02-28, 1 En route 03-02, 15 Mole NP 03-10, 1 Mognori River 03-11, 1 Kalakpa RR 03-19, 1 Accra 03-19

96 White-backed Vulture Gyps africanus CR

3 Mole NP 03-10, 4 Mole NP 03-11

97 White-headed Vulture Trigonoceps occipitalis CR

1 Mole NP 03-11, 1 Mognori River 03-11

98 Western Banded Snake Eagle Circaetus cinerascens

1 Kalakpa RR 03-18

99 Congo Serpent Eagle Circaetus spectabilis spectabilis

1 heard Canopy Walkway (Kakum NP) 02-28, 1 + 1 heard Bobiri Butterfly Sanctuary 03-14

100 Bateleur Terathopius ecaudatus NT

1 Shai Hills 02-26, 2 Mole NP 03-10, 2 Mole NP 03-11

101 Bat Hawk Macheiramphus alcinus anderssoni

1 Ankasa camp 03-03, 1 En route 03-14

102 **Crowned Eagle** Stephanoaetus coronatus NT

1 Atewa 03-15, 1 heard Atewa 03-16, 1 Atewa 03-17

103 Wahlberg's Eagle Hieraaetus wahlbergi

1 Mognori River 03-11

104 Ayres's Hawk-Eagle Hieraaetus ayresii

1 Atewa 03-15

105 Cassin's Hawk-Eagle Aquila africana

3 Atewa 03-16

106 Lizard Buzzard Kaupifalco monogrammicus monogrammicus

1 Shai Hills 02-26, 1 En route 02-26, 2 Opro River Forest 03-09, 1 En route 03-09, 1 Mole NP 03-11, 2 En route 03-12, 1 En route 03-19

107 **Gabar Goshawk** *Micronisus gabar niger*

1 Mole NP 03-10, 1 Mognori River 03-11

108 **Dark Chanting Goshawk** *Melierax metabates metabates*

1 En route 03-12, 2 En route 03-12

109 Long-tailed Hawk Urotriorchis macrourus

1 Nsuta Forest 03-01, 1 heard Ankasa Forest road 03-04, 2 heard Atewa 03-15

110 Red-chested Goshawk Accipiter toussenelii macroscelides

1 En route 03-01, 1 Bobiri Butterfly Sanctuary 03-13, 1 Atewa farm bush 03-15, 1 Legon Botanical Garden (Accra) 03-19

111 **Shikra** Accipiter badius sphenurus

1 Accra 02-26, 1 Shai Hills 02-26, 1 En route 03-07, 1 Opro River Forest 03-09, 1 En route 03-12

112 Black Sparrowhawk Accipiter melanoleucus temminckii

1 Opro River Forest 03-09, 1 Atewa farm bush 03-16

113 Yellow-billed Kite Milvus aegyptius parasitus

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114 Grasshopper Buzzard Butastur rufipennis

6 En route 03-09, 8 En route 03-12

115 Red-necked Buzzard Buteo auguralis

2 Abrafo farmbush 02-27, 1 Mole NP 03-10, 1 Mole NP 03-12, 1 Atewa 03-15

116 **Pearl-spotted Owlet** *Glaucidium perlatum perlatum*

1 Mole NP 03-10, 1 Mole NP 03-11, 1 Mognori River 03-11, 1 Mole NP 03-12

117 **Red-chested Owlet** *Glaucidium tephronotum tephronotum*

1 Ankasa Forest road 03-04

118 African Barred Owlet Glaucidium capense etchecopari

2 Shai Hills 02-26

119 African Scops Owl Otus senegalensis senegalensis – HO

1 heard Mole NP 03-11

120 Northern White-faced Owl Ptilopsis leucotis

1 heard Mole NP 03-10, 1 Chances Hotel, Ho 03-18

121 Greyish Eagle-Owl Bubo cinerascens

1 Mole NP 03-10

122 Fraser's Eagle-Owl Bubo poensis

1 heard Nsuta Forest 03-01, 1 Ankasa camp 03-03, 1 heard Kakum NP 03-07

123 Akun Eagle-Owl Bubo leucostictus

1 Ankasa camp 03-05

124 **African Wood Owl** Strix woodfordii nuchalis – HO

1 heard Abrafo township 02-27, 3 heard Nsuta Forest 03-02, 1 heard Ankasa camp 03-03, 1 heard Bobiri Butterfly Sanctuary 03-13

125 Narina Trogon Apaloderma narina constantia – HO

2 heard Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15, 1 heard Atewa 03-16

126 **Forest Wood Hoopoe** *Phoeniculus castaneiceps castaneiceps*

1 Canopy Walkway (Kakum NP) 02-28

127 White-headed Wood Hoopoe Phoeniculus bollei bollei

5 Nsuta Forest 03-02, 2 Bobiri Butterfly Sanctuary 03-14

128 **Green Wood Hoopoe** *Phoeniculus purpureus senegalensis*

3 Shai Hills 02-26, 1 Kalakpa RR 03-19, 1 Legon Botanical Garden (Accra) 03-19, 3 Accra 03-19

129 **Black Scimitarbill** *Rhinopomastus aterrimus aterrimus*

1 Mole NP 03-10

130 Abyssinian Ground Hornbill Bucorvus abyssinicus VU

1 Mole NP 03-11

131 Northern Red-billed Hornbill Tockus erythrorhynchus

1 Legon Botanical Garden (Accra) 03-19

132 African Pied Hornbill Lophoceros fasciatus semifasciatus

4 Abrafo farmbush 02-27, 4 Kakum NP 02-28, 15 Canopy Walkway (Kakum NP) 02-28, 5 Nsuta Forest 03-02, 1 Ebi Wetland 03-03, 8 Ankasa Forest road 03-06, 2 Antwikwaa 03-08, 1 Opro River Forest 03-09, 2 Kalakpa RR 03-19

133 African Grey Hornbill Lophoceros nasutus nasutus

3 Shai Hills 02-26, 3 En route 03-09, 3 Mole NP 03-10, 1 Mole NP 03-11, 2 Kalakpa RR 03-18, 2 Kalakpa RR 03-19, 1 Legon Botanical Garden (Accra) 03-19

134 Red-billed Dwarf Hornbill Lophoceros camurus

3 + 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-04

135 **Piping Hornbill** Bycanistes fistulator fistulator

3 Abrafo farmbush 02-27, 3 Wassa Forest 03-01, 10 Nsuta Forest 03-01, 2 Nsuta Forest 03-02, 6 Ankasa Forest road 03-06, 1 Legon Botanical Garden (Accra) 03-19

136 Brown-cheeked Hornbill Bycanistes cylindricus VU

2 Wassa Forest 03-01, 3 Nsuta Forest 03-02, 1 Nsuta Forest 03-02

137 Black-casqued Hornbill Ceratogymna atrata

3 + 1 heard Abrafo forest 02-27, 10 Canopy Walkway (Kakum NP) 02-28

138 Yellow-casqued Hornbill Ceratogymna elata VU – HO

1 heard Ankasa Forest road 03-06

139 Black Dwarf Hornbill Horizocerus hartlaubi hartlaubi

1 Wassa Forest 03-01, 1 Ankasa Forest road 03-05, 1 Ankasa Forest road 03-06, 3 Bobiri Butterfly Sanctuary 03-13, 1 Bobiri Butterfly Sanctuary 03-14

140 White-crested Hornbill Horizocerus albocristatus macrourus

1 heard Canopy Walkway (Kakum NP) 02-28, 2 Nsuta Forest 03-02, 1 + 1 heard Bobiri Butterfly Sanctuary 03-13

141 **Purple Roller** *Coracias naevius naevius*

1 Shai Hills 02-26, 1 Mole NP 03-11, 1 Mole NP 03-12

142 Abyssinian Roller Coracias abyssinicus

2 Mole NP 03-11, 1 Mole NP 03-12, 1 Kalakpa RR 03-19

143 Blue-bellied Roller Coracias cyanogaster

2 Shai Hills 02-26, 2 Opro River Forest 03-09, 2 En route 03-09, 1 Mole NP 03-12, 1 En route 03-18, 2 Kalakpa RR 03-19, 3 Legon Botanical Garden (Accra) 03-19

144 Blue-throated Roller Eurystomus gularis gularis

1 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-02, 1 Ankasa Forest road 03-06, 2 Bobiri Butterfly Sanctuary 03-13, 1 Kumasi 03-13, 2 Bobiri Butterfly Sanctuary 03-14

145 **Broad-billed Roller** *Eurystomus glaucurus afer*

1 Mankessim 02-26, 1 Opro River Forest 03-09, 1 Mole NP 03-11, 1 Kumasi 03-13, 1 Kumasi 03-14

146 Chocolate-backed Kingfisher Halcyon badia

1 Wassa Forest 03-01, 1 heard Nsuta Forest 03-03, 2 heard Ankasa Forest road 03-04, 4 heard Ankasa Forest road 03-05, 3 heard Ankasa Forest road 03-06, 1 heard Bonkro 03-08, 2 heard Atewa 03-15

147 **Grey-headed Kingfisher** Halcyon leucocephala leucocephala

3 Mole NP 03-10, 4 Mole NP 03-11, 2 Mole NP 03-11

148 Striped Kingfisher Halcyon chelicuti chelicuti

1 Mole NP 03-12, 1 Kalakpa RR 03-18

149 Blue-breasted Kingfisher Halcyon malimbica forbesi

2 + 1 heard Shai Hills 02-26, 1 heard Ankasa Forest road 03-05, 2 heard Ankasa Forest road 03-06, 1 Opro River Forest 03-09, 1 heard Mognori River 03-11, 2 Mole NP 03-11, 1 heard Bobiri Butterfly Sanctuary 03-13, 1 Bobiri Butterfly Sanctuary 03-14

150 Woodland Kingfisher Halcyon senegalensis

1 Mankessim 02-26, 3 en route Kakum - Pra river 02-28, 1 En route 03-01, 1 Ebi Wetland 03-03, 1 Ankasa entrance road 03-03, 1 Ankasa entrance road 03-07, 7 En route 03-07, 1 Half Assini 03-07, 1 Ebi Wetland 03-07, 1 Abrafo farmbush 03-07, 1 En route 03-12, 1 En route 03-17, 1 En route 03-19, 1 Legon Botanical Garden (Accra) 03-19

151 African Dwarf Kingfisher Ispidina lecontei ruficeps

1 Ankasa Forest road 03-05, 2 Ankasa Forest road 03-06

152 African Pygmy Kingfisher Ispidina picta

1 Shai Hills 02-26, 1 Abrafo farmbush 02-27, 3 Ankasa pools 03-06, 1 Ankasa pools 03-06, 1 Abrafo farmbush 03-07, 1 Opro River Forest 03-09, 1 Atewa farm bush 03-16

153 White-bellied Kingfisher Corythornis leucogaster bowdleri

1 heard Ankasa Forest road 03-05, 1 + 1 heard Ankasa Forest road 03-06

154 Malachite Kingfisher Corythornis cristatus galeritus

1 Mole NP 03-10, 1 Mole NP 03-11, 1 Bobiri Butterfly Sanctuary 03-13

155 **Shining-blue Kingfisher** *Alcedo quadribrachys quadribrachys*

1 Abrafo farmbush 02-27, 1 Ankasa camp 03-03

156 **Giant Kingfisher** *Megaceryle maxima*

maxima: 1 Mole NP 03-10 gigantea: 1 Ankasa camp 03-03

157 **Pied Kingfisher** *Ceryle rudis rudis*

1 En route 02-26, 1 Hans Cottage Botel 02-27, 4 Ankobra River 03-03

158 Blue-moustached Bee-eater Merops mentalis NT

3 Atewa 03-15, 2 Atewa 03-16

159 Black Bee-eater Merops gularis gularis

1 Abrafo farmbush 02-27, 3 Nsuta Forest 03-02, 2 Ankasa Forest road 03-04, 1 Ankasa Forest road 03-05

160 **Swallow-tailed Bee-eater** *Merops hirundineus chrysolaimus*

1 Shai Hills 02-26, 2 Kalakpa RR 03-19

161 Little Bee-eater Merops pusillus pusillus

2 Brenu beach rd 03-07, 1 Kumasi 03-14

162 Red-throated Bee-eater Merops bulocki bulocki

5 Mole NP 03-10, 2 Mognori River 03-11, 60 Mole NP 03-11

163 White-throated Bee-eater Merops albicollis

44 Abrafo farmbush 02-27, 2 Kakum NP 02-28, 8 En route 03-01, 3 En route 03-03, 1 Brenu beach rd 03-07, 5 En route 03-07, 100 Abrafo farmbush 03-07, 1 Antwikwaa 03-08, 50 Atewa farm bush 03-15, 50 Atewa farm bush 03-16, 5 Kalakpa RR 03-19

164 European Bee-eater Merops apiaster

1 Shai Hills 02-26

165 **Rosy Bee-eater** *Merops malimbicus*

1 Shai Hills 02-26, 1 Canopy Walkway (Kakum NP) 02-28, 3 Nsuta Forest 03-02

166 Bristle-nosed Barbet Gymnobucco peli

5 Canopy Walkway (Kakum NP) 02-28, 1 Wassa Forest 03-01, 1 Nsuta Forest 03-02

167 Naked-faced Barbet Gymnobucco calvus calvus

3 Canopy Walkway (Kakum NP) 02-28, 2 Nsuta Forest 03-01, 4 Nsuta Forest 03-02, 2 Nsuta Forest 03-03, 4 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13, 2 Atewa farm bush 03-17

168 Speckled Tinkerbird Pogoniulus scolopaceus scolopaceus

5 Abrafo farmbush 02-27, 1 Canopy Walkway (Kakum NP) 02-28, 1 Wassa Forest 03-01, 2 Nsuta Forest 03-03, 1 Ankasa Forest road 03-05, 3 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13, 3 Atewa 03-15, 1 Atewa 03-16

169 Red-rumped Tinkerbird Pogoniulus atroflavus

1 Abrafo forest 02-27, 1 heard Canopy Walkway (Kakum NP) 02-28, 1 heard Wassa Forest 03-01, 1 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 1 heard Antwikwaa 03-08, 1 heard Bonkro 03-08, 1 heard Opro River Forest 03-09, 1 Atewa 03-15

170 **Yellow-throated Tinkerbird** *Pogoniulus subsulphureus chrysopygus*

1 heard Abrafo forest 02-27, 1 Canopy Walkway (Kakum NP) 02-28, 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05, 1 heard Atewa 03-15, 1 heard Atewa 03-16

171 **Yellow-rumped Tinkerbird** *Pogoniulus bilineatus leucolaimus*

1 Shai Hills 02-26, 1 heard Abrafo farmbush 02-27, 2 Antwikwaa 03-08, 1 heard Kalakpa RR 03-18, 1 Kalakpa RR 03-19

172 Yellow-fronted Tinkerbird Pogoniulus chrysoconus chrysoconus – HO

1 heard Shai Hills 02-26

173 Yellow-spotted Barbet Buccanodon duchaillui

1 heard Abrafo forest 02-27, 2 Wassa Forest 03-01, 1 heard Nsuta Forest 03-02, 1 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05, 4 heard Ankasa Forest road 03-06, 3 heard Atewa 03-15, 2 heard Atewa 03-16

174 Hairy-breasted Barbet Tricholaema hirsuta hirsuta

2 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-01, 1 Nsuta Forest 03-02, 1 heard Nsuta Forest 03-03, 1 Ankasa Forest road 03-05, 1 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 2 heard Atewa 03-15, 2 + 1 heard Atewa 03-16

175 **Vieillot's Barbet** Lybius vieilloti rubescens

2 + 1 heard Shai Hills 02-26, 1 Abrafo farmbush 03-07, 1 Antwikwaa 03-08, 2 Opro River Forest 03-09, 1 Atewa farm bush 03-16

176 **Double-toothed Barbet** *Lybius bidentatus bidentatus*

1 Shama 03-01, 2 Opro River Forest 03-09, 1 Kalakpa RR 03-19

177 **Bearded Barbet** Lybius dubius

1 Shai Hills 02-26, 1 Mole NP 03-10, 1 Mognori River 03-11, 1 Mole NP 03-11, 1 Mole NP 03-12, 2 Legon Botanical Garden (Accra) 03-19

178 Yellow-billed Barbet Trachyphonus purpuratus qoffinii

1 Canopy Walkway (Kakum NP) 02-28, 1 heard Wassa Forest 03-01, 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-04, 1 + 1 heard Atewa 03-15, 1 + 1 heard Atewa 03-16

179 Cassin's Honeybird Prodotiscus insignis flavodorsalis

1 Canopy Walkway (Kakum NP) 02-28, 1 Ankasa Forest road 03-05, 1 Atewa 03-16

180 Yellow-footed Honeyguide Melignomon eisentrauti NT

1 Nsuta Forest 03-02

181 Willcocks's Honeyguide Indicator willcocksi willcocksi

2 Atewa 03-15, 1 Atewa 03-17

182 Least Honeyguide Indicator exilis exilis

1 Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14

183 **Lesser Honeyguide** *Indicator minor senegalensis*

2 Mole NP 03-10, 1 heard Mole NP 03-12

184 Spotted Honeyguide Indicator maculatus maculatus

1 Wassa Forest 03-01

185 **Greater Honeyguide** *Indicator indicator*

1 Kalakpa RR 03-19

186 African Piculet Sasia africana

1 Nsuta Forest 03-02, 1 Bobiri Butterfly Sanctuary 03-14

187 **Buff-spotted Woodpecker** Pardipicus nivosus nivosus

1 Shai Hills 02-26, 1 Canopy Walkway (Kakum NP) 02-28, 1 Opro River Forest 03-09

188 Brown-eared Woodpecker Pardipicus caroli arizelus

5 Ankasa Forest road 03-04

189 **Fine-spotted Woodpecker** Campethera punctuligera punctuligera

1 Mole NP 03-10, 4 Kalakpa RR 03-18, 1 Legon Botanical Garden (Accra) 03-19

190 **Fire-bellied Woodpecker** *Chloropicus pyrrhogaster*

1 Nsuta Forest 03-02, 1 Nsuta Forest 03-03, 3 Atewa 03-15

191 Cardinal Woodpecker Dendropicos fuscescens lafresnayi

1 Shai Hills 02-26

192 Melancholy Woodpecker Dendropicos lugubris

1 Wassa Forest 03-01, 1 heard Antwikwaa 03-08, 4 Atewa 03-15

193 African Grey Woodpecker Dendropicos goertae centralis

2 Mole NP 03-10, 1 Mole NP 03-11, 2 Legon Botanical Garden (Accra) 03-19

194 Brown-backed Woodpecker Dendropicos obsoletus obsoletus

2 Mole NP 03-11, 1 Mole NP 03-12

195 Common Kestrel Falco tinnunculus rufescens

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196 Grey Kestrel Falco ardosiaceus

1 Brenu beach rd 03-07, 1 Abrafo farmbush 03-07, 1 Opro River Forest 03-09, 1 En route 03-12, 1 Atewa farm bush 03-16, 1 Kalakpa RR 03-19

197 **African Hobby** *Falco cuvierii*

1 Mankessim 02-26, 1 Mole NP 03-10

198 Lanner Falcon Falco biarmicus abyssinicus

1 En route 02-26, 2 Brenu beach rd 03-07, 1 En route 03-08

199 Grey Parrot Psittacus erithacus EN

8 Bobiri Butterfly Sanctuary 03-13

200 **Red-fronted Parrot** *Poicephalus gulielmi fantiensis*

2 Canopy Walkway (Kakum NP) 02-28, 9 Wassa Forest 03-01, 1 Nsuta Forest 03-02, 7 Bobiri Butterfly Sanctuary 03-13, 4 Atewa farm bush 03-16

201 **Senegal Parrot** *Poicephalus senegalus versteri*

4 heard Shai Hills 02-26, 6 Mole NP 03-10, 3 Mole NP 03-11, 1 heard Kalakpa RR 03-18, 2 heard Legon Botanical Garden (Accra) 03-19

202 Rose-ringed Parakeet Psittacula krameri krameri

3 Mole NP 03-10

203 **Rufous-sided Broadbill** Smithornis rufolateralis rufolateralis

1 heard Kakum NP 02-28, 1 Wassa Forest 03-01, 1 + 2 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05

204 **Senegal Batis** Batis senegalensis

2 Mole NP 03-10

205 West African Batis Batis occulta

1 Atewa 03-15, 2 Atewa 03-16

206 West African Wattle-eye Platysteira hormophora

1 Abrafo farmbush 02-27, 1 Canopy Walkway (Kakum NP) 02-28, 1 Ankasa Forest road 03-06, 1 Opro River Forest 03-09, 1 Bobiri Butterfly Sanctuary 03-13, 1 Kalakpa RR 03-18

207 **Brown-throated Wattle-eye** *Platysteira cyanea cyanea*

2 + 2 heard Shai Hills 02-26, 1 heard Brenu beach rd 03-07, 4 Mole NP 03-10, 2 Mognori River 03-11, 1 Mole NP 03-11

208 Red-cheeked Wattle-eye Platysteira blissetti

2 Antwikwaa 03-08, 1 heard Opro River Forest 03-09, 1 heard Atewa 03-15, 1 Atewa 03-17

209 Fiery-breasted Bushshrike Malaconotus cruentus

1 + 2 heard Opro River Forest 03-09

210 **Grey-headed Bushshrike** Malaconotus blanchoti blanchoti

1 heard Mole NP 03-11, 1 Kalakpa RR 03-18, 1 Kalakpa RR 03-19

211 Orange-breasted Bushshrike Chlorophoneus sulfureopectus sulfureopectus

3 Kalakpa RR 03-18, 1 heard Kalakpa RR 03-19

212 Marsh Tchagra Bocagia minuta minuta

1 Atewa farm bush 03-17, 1 Kalakpa RR 03-19

213 **Brown-crowned Tchagra** *Tchagra australis ussheri*

2 Abrafo farmbush 02-27

214 Black-crowned Tchagra Tchagra senegalus senegalus

1 + 1 heard Shai Hills 02-26, 1 heard Brenu beach rd 03-07, 1 Opro River Forest 03-09, 1 En route 03-09, 1 Mole NP 03-12

215 Sabine's Puffback Dryoscopus sabini sabini

1 heard Abrafo forest 02-27, 1 Canopy Walkway (Kakum NP) 02-28, 1 heard Ankasa Forest road 03-04, 1 + 1 heard Opro River Forest 03-09, 2 heard Bobiri Butterfly Sanctuary 03-13, 1 Atewa 03-16

216 Northern Puffback Dryoscopus gambensis gambensis

5 Shai Hills 02-26, 1 Mole NP 03-10, 1 Kalakpa RR 03-18, 1 Legon Botanical Garden (Accra) 03-19

217 Yellow-crowned Gonolek Laniarius barbarus barbarus

1 Shai Hills 02-26, 1 heard Brenu beach rd 03-07, 4 Mole NP 03-10, 1 Mole NP 03-11

218 **Brubru** Nilaus afer afer

1 Mole NP 03-12

219 White-crested Helmetshrike Prionops plumatus plumatus

10 Mole NP 03-12

220 **Red-billed Helmetshrike** *Prionops caniceps caniceps*

3 Nsuta Forest 03-03, 3 + 2 heard Ankasa Forest road 03-06, 9 Bobiri Butterfly Sanctuary 03-13

221 African Shrike-flycatcher Megabyas flammulatus flammulatus

1 + 1 heard Mankessim 02-26, 1 Atewa 03-15

222 Black-and-white Shrike-flycatcher Bias musicus musicus

1 Abrafo farmbush 03-07, 2 Antwikwaa 03-08, 1 Atewa farm bush 03-17

223 White-breasted Cuckooshrike Ceblepyris pectoralis

1 Mole NP 03-11

224 Red-shouldered Cuckooshrike Campephaga phoenicea

1 Shai Hills 02-26

225 **Purple-throated Cuckooshrike** Campephaga quiscalina quiscalina

1 Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 1 Atewa 03-16, 1 Kalakpa RR 03-18

226 Blue Cuckooshrike Cyanograucalus azureus

1 Canopy Walkway (Kakum NP) 02-28, 1 heard Nsuta Forest 03-03, 3 + 1 heard Bobiri Butterfly Sanctuary 03-13

227 Yellow-billed Shrike Corvinella corvina

1 En route 02-26, 4 Mole NP 03-11, 5 Kalakpa RR 03-18, 2 Kalakpa RR 03-19, 1 Accra 03-19, 3 Legon Botanical Garden (Accra) 03-19

228 Northern Fiscal Lanius humeralis smithii

1 Abrafo farmbush 02-27, 1 Hans Cottage Botel 02-27, 2 en route Kakum - Pra river 02-28, 1 Wassa Forest 03-01, 1 Shama 03-01, 4 En route 03-03, 2 Ebi Wetland 03-03, 6 En route 03-07, 2 Brenu beach rd 03-07, 1 En route 03-13, 1 Atewa farm bush 03-16, 2 Atewa farm bush 03-17

229 Western Oriole Oriolus brachyrynchus brachyrynchus

1 Canopy Walkway (Kakum NP) 02-28, 1 heard Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 1 Bobiri Butterfly Sanctuary 03-13, 4 Atewa 03-15, 2 Atewa 03-16

230 Black-winged Oriole Oriolus nigripennis

1 Canopy Walkway (Kakum NP) 02-28, 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-04, 1 + 1 heard Bobiri Butterfly Sanctuary 03-13, 1 Atewa 03-15, 1 Atewa 03-16

231 **African Golden Oriole** *Oriolus auratus auratus*

3 Mole NP 03-10, 1 Mole NP 03-11, 1 Kalakpa RR 03-18, 2 Kalakpa RR 03-19

232 **Eurasian Golden Oriole** Oriolus oriolus

1 Atewa farm bush 03-16

233 Fanti Drongo Dicrurus atactus

1 Abrafo township 02-27, 1 Canopy Walkway (Kakum NP) 02-28, 1 Wassa Forest 03-01, 4 Nsuta Forest 03-01, 4 Nsuta Forest 03-02, 2 Nsuta Forest 03-03, 1 Antwikwaa 03-08, 1 Opro River Forest 03-09, 3 Bobiri Butterfly Sanctuary 03-13, 1 Bobiri Butterfly Sanctuary 03-14, 3 Atewa 03-15, 2 Atewa 03-17

234 **Glossy-backed Drongo** *Dicrurus divaricatus divaricatus*

1 Shai Hills 02-26, 1 Mole NP 03-11, 2 Mole NP 03-12, 2 Kalakpa RR 03-18, 2 Kalakpa RR 03-19

235 **Shining Drongo** *Dicrurus atripennis*

1 Wassa Forest 03-01, 1 Ankasa Forest road 03-04, 2 Ankasa Forest road 03-05, 1 Atewa 03-16

236 Blue-headed Crested Flycatcher Trochocercus nitens reichenowi

2 heard Nsuta Forest 03-02, 2 heard Ankasa Forest road 03-05, 1 Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15

237 **Red-bellied Paradise Flycatcher** *Terpsiphone rufiventer nigriceps*

2 Abrafo farmbush 02-27, 1 Nsuta Forest 03-03, 1 heard Frenchman Lodge 03-04, 3 + 1 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05, 1 Ankasa Forest road 03-06, 1 heard Ankasa entrance road 03-07, 1 heard En route 03-07, 1 + 1 heard Antwikwaa 03-08, 1 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13, 1 Atewa 03-16, 1 Atewa 03-17, 2 Kalakpa RR 03-18

238 African Paradise Flycatcher Terpsiphone viridis ferreti

3 Shai Hills 02-26, 1 heard Nsuta Forest 03-01, 2 Mole NP 03-10, 1 heard Atewa 03-16, 1 Atewa 03-17, 3 Kalakpa RR 03-18

239 **Piapiac** Ptilostomus afer

1 Shai Hills 02-26, 4 En route 03-12, 4 Kalakpa RR 03-18, 1 Kalakpa RR 03-19, 1 Accra 03-19

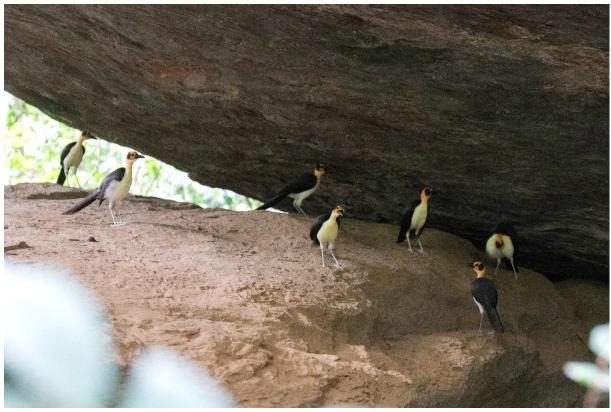
240 **Pied Crow** Corvus albus

2 Accra 02-26, 2 Kumasi 03-14

241 White-necked Rockfowl Picathartes gymnocephalus VU

10 Bonkro 03-08

(list continues on next page)



White-necked Rockfowl, 7 out of 10 birds in total (© Sjoerd Radstaak)

242 African Blue Flycatcher Elminia longicauda longicauda

1 Mole NP 03-10, 2 Mognori River 03-11

243 White-shouldered Black Tit Melaniparus guineensis

1 Shai Hills 02-26, 1 Mole NP 03-10, 1 Mole NP 03-11, 4 Mole NP 03-12

244 Yellow Penduline Tit Anthoscopus parvulus

2 Mole NP 03-12

245 Western Nicator Nicator chloris

1 Abrafo forest 02-27, 1 heard Nsuta Forest 03-03, 1 heard Nsuta Forest 03-03, 3 heard Ankasa Forest road 03-04, 2 heard Ankasa Forest road 03-05, 1 + 2 heard Ankasa Forest road 03-06, 1 Opro River Forest 03-09, 4 heard Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 3 heard Atewa 03-15, 1 heard Atewa 03-16, 4 heard Atewa 03-17, 1 heard Kalakpa RR 03-18

246 **Rufous-rumped Lark** *Pinarocorys erythropygia*

1 Mole NP 03-10

247 Flappet Lark Mirafra rufocinnamomea buckleyi

1 Mole NP 03-10

248 Sun Lark Galerida modesta modesta

12 Mole NP 03-10

249 Slender-billed Greenbul Stelgidillas gracilirostris gracilirostris

3 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-02, 1 Nsuta Forest 03-03, 2 Ankasa Forest road 03-06, 3 Antwikwaa 03-08, 4 Opro River Forest 03-09, 3 Atewa 03-15

250 Golden Greenbul Calyptocichla serinus

3 Canopy Walkway (Kakum NP) 02-28, 3 Ankasa Forest road 03-05, 1 Atewa 03-15

251 Red-tailed Bristlebill Bleda syndactylus syndactylus

1 Abrafo forest 02-27, 1 + 2 heard Ankasa Forest road 03-04, 1 + 2 heard Ankasa Forest road 03-05, 2 heard Ankasa Forest road 03-06, 1 + 1 heard Atewa 03-15, 1 heard Atewa 03-17

252 Green-tailed Bristlebill Bleda eximius NT

2 heard Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 2 Atewa 03-15

253 Grey-headed Bristlebill Bleda canicapillus canicapillus

2 heard Abrafo farmbush 02-27, 2 + 1 heard Abrafo forest 02-27, 1 heard Canopy Walkway (Kakum NP) 02-28, 1 heard Nsuta Forest 03-02, 1 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05, 1 Opro River Forest 03-09, 1 heard Atewa 03-15

254 Yellow-throated Leaflove Atimastillas flavicollis flavicollis

2 Shai Hills 02-26, 2 Legon Botanical Garden (Accra) 03-19

255 **Spotted Greenbul** *Ixonotus guttatus*

5 Nsuta Forest 03-02, 1 heard Nsuta Forest 03-03, 1 Ankasa Forest road 03-05

256 Swamp Palm Bulbul Thescelocichla leucopleura

4 Kakum NP 02-28, 1 heard Nsuta Forest 03-02, 2 Antwikwaa 03-08, 3 + 1 heard Bobiri Butterfly Sanctuary 03-13

257 Simple Greenbul Chlorocichla simplex

1 Shai Hills 02-26, 1 Abrafo farmbush 02-27, 2 Opro River Forest 03-09, 1 Legon Botanical Garden (Accra) 03-19

258 Honeyguide Greenbul Baeopogon indicator leucurus

1 + 1 heard Canopy Walkway (Kakum NP) 02-28, 3 Wassa Forest 03-01, 1 heard Ankasa Forest road 03-05, 2 Atewa 03-15

259 **Western Bearded Greenbul** Criniger barbatus barbatus

1 heard Abrafo farmbush 02-27, 1 Ankasa Forest road 03-04, 1 Ankasa Forest road 03-05

260 Red-tailed Greenbul Criniger calurus verreauxi

2 Wassa Forest 03-01, 1 heard Nsuta Forest 03-02, 3 Ankasa Forest road 03-04, 1 Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 1 + 1 heard Atewa 03-15

261 Yellow-bearded Greenbul Criniger olivaceus VU

2 Wassa Forest 03-01, 2 Ankasa Forest road 03-04, 2 Ankasa Forest road 03-06

262 **Little Greenbul** Eurillas virens erythroptera

1 Abrafo farmbush 02-27, 2 + 1 heard Wassa Forest 03-01, 2 heard Nsuta Forest 03-02, 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 1 heard Brenu beach rd 03-07, 1 heard Abrafo farmbush 03-07, 1 heard Antwikwaa 03-08, 1 Opro River Forest 03-09, 1 heard Atewa 03-15

263 **Yellow-whiskered Greenbul** *Eurillas latirostris congener*

1 heard Abrafo farmbush 02-27, 1 heard Abrafo forest 02-27, 1 heard Wassa Forest 03-01, 2 Ankasa Forest road 03-06, 3 heard Atewa 03-15

264 Plain Greenbul Eurillas curvirostris leonina

1 Abrafo farmbush 02-27, 1 heard Nsuta Forest 03-03, 1 Ankasa Forest road 03-06, 1 heard Bobiri Butterfly Sanctuary 03-13

265 **Little Grey Greenbul** Eurillas gracilis extrema

1 Abrafo township 02-27, 1 heard Nsuta Forest 03-02, 1 Bobiri Butterfly Sanctuary 03-13, 1 Atewa 03-15

266 Ansorge's Greenbul Eurillas ansorgei ansorgei

1 Bobiri Butterfly Sanctuary 03-13

267 White-throated Greenbul Phyllastrephus albigularis albigularis

1 Bobiri Butterfly Sanctuary 03-14

268 **Icterine Greenbul** *Phyllastrephus icterinus*

5 Abrafo forest 02-27, 5 Ankasa Forest road 03-04, 1 Ankasa Forest road 03-05, 6 Ankasa Forest road 03-06

269 **Baumann's Olive Greenbul** *Phyllastrephus baumanni*

2 Kalakpa RR 03-18

270 Common Bulbul Pycnonotus barbatus inornatus

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271 **Square-tailed Saw-wing** *Psalidoprocne nitens nitens*

1 Canopy Walkway (Kakum NP) 02-28, 6 Ankasa Forest road 03-04, 10 Ankasa Forest road 03-

06, 1 Ebi Wetland 03-07, 3 Abrafo farmbush 03-07, 3 Atewa 03-15, 9 Atewa 03-16, 3 Atewa 03-17, 1 Atewa farm bush 03-17

272 Fanti Saw-wing Psalidoprocne obscura

1 Abrafo forest 02-27, 1 Canopy Walkway (Kakum NP) 02-28, 1 Abrafo farmbush 03-07

273 Barn Swallow Hirundo rustica rustica

4 Abrafo farmbush 02-27

274 Red-chested Swallow Hirundo lucida lucida

1 Larabanga 03-12

275 **Ethiopian Swallow** Hirundo aethiopica aethiopica

3 En route 02-26, 4 Abrafo farmbush 02-27, 3 Brenu beach rd 03-07, 2 Legon Botanical Garden (Accra) 03-19

276 Wire-tailed Swallow Hirundo smithii smithii

1 Mognori River 03-11

277 White-bibbed Swallow Hirundo nigrita

3 Pra River 02-28, 1 Ankobra River 03-03, 2 Ebi Wetland 03-03, 1 Ebi Wetland 03-07

278 **Pied-winged Swallow** Hirundo leucosoma

1 Mole NP 03-11, 2 Kalakpa RR 03-19

279 Common House Martin Delichon urbicum urbicum

2 Kakum NP 02-28

280 Lesser Striped Swallow Cecropis abyssinica puella

4 Alexis Hotel (Tema) 02-26, 12 Abrafo farmbush 02-27, 6 Brenu beach rd 03-07, 2 Abrafo farmbush 03-07, 6 Antwikwaa 03-08, 1 Kumasi 03-14, 2 Atewa farm bush 03-17

281 Red-breasted Swallow Cecropis semirufa

2 Abrafo farmbush 02-27, 3 Antwikwaa 03-08, 2 Kalakpa RR 03-19

282 **Mosque Swallow** *Cecropis senegalensis*

3 En route 02-26, 1 Amanuzule river bridge 03-07

283 **Preuss's Cliff Swallow** Petrochelidon preussi

50 en route Kakum - Pra river 02-28

284 Moustached Grass Warbler Melocichla mentalis mentalis

1 Mognori River 03-11, 2 Kalakpa RR 03-18, 1 + 1 heard Kalakpa RR 03-19

285 **Kemp's Longbill** *Macrosphenus kempi*

1 heard Nsuta Forest 03-02, 1 heard Nsuta Forest 03-03, 1 heard Bobiri Butterfly Sanctuary 03-13, 1 + 1 heard Atewa 03-15, 1 heard Atewa 03-17

286 **Grey Longbill** Macrosphenus concolor

1 heard Abrafo forest 02-27, 1 + 1 heard Kakum NP 02-28, 1 + 2 heard Wassa Forest 03-01, 2 heard Nsuta Forest 03-02, 2 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-05, 3 heard Ankasa Forest road 03-06, 1 heard Antwikwaa 03-08, 1 heard Bobiri Butterfly Sanctuary 03-13, 3 + 1 heard Bobiri Butterfly Sanctuary 03-14, 2 heard Atewa 03-15, 2 heard Atewa 03-16

287 **Northern Crombec** Sylvietta brachyura brachyura

1 Mole NP 03-10, 1 Mole NP 03-10

288 **Green Crombec** Sylvietta virens flaviventris

2 Abrafo farmbush 02-27, 1 heard Abrafo township 02-27, 1 heard Kakum NP 02-28, 1 heard Wassa Forest 03-01, 1 heard Nsuta Forest 03-02, 1 Ankasa Forest road 03-06, 2 heard Antwikwaa 03-08, 1 heard Opro River Forest 03-09, 1 heard Bobiri Butterfly Sanctuary 03-13

289 **Lemon-bellied Crombec** Sylvietta denti hardyi

1 Abrafo forest 02-27, 1 Nsuta Forest 03-01, 1 Bobiri Butterfly Sanctuary 03-13, 1 Atewa 03-15, 2 Atewa 03-16

290 **Chestnut-capped Flycatcher** *Erythrocercus mccallii nigeriae*

2 Canopy Walkway (Kakum NP) 02-28, 1 Ankasa Forest road 03-04, 1 Bobiri Butterfly Sanctuary 03-13, 1 Atewa 03-15

291 Green Hylia Hylia prasina prasina

1 heard Abrafo forest 02-27, 1 + 1 heard Wassa Forest 03-01, 4 + 3 heard Nsuta Forest 03-03, 1 Antwikwaa 03-08, 1 heard Bonkro 03-08, 3 + 3 heard Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15, 1 heard Atewa 03-16, 1 heard Atewa 03-17, 1 Kalakpa RR 03-18

292 **Tit Hylia** Pholidornis rushiae ussheri

2 Nsuta Forest 03-02, 1 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13, 3 Atewa 03-15, 2 Atewa 03-16

293 Wood Warbler Phylloscopus sibilatrix

1 Abrafo forest 02-27, 3 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-03, 2 Ankasa Forest road 03-05, 1 Antwikwaa 03-08, 1 heard Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15

294 Willow Warbler Phylloscopus trochilus trochilus

1 heard Shai Hills 02-26, 1 Abrafo township 02-27, 1 Mole NP 03-11, 1 Kumasi 03-14

295 **Great Reed Warbler** Acrocephalus arundinaceus arundinaceus

1 heard Atewa farm bush 03-17, 1 Kalakpa RR 03-19

296 **Eurasian Reed Warbler** Acrocephalus scirpaceus scirpaceus – HO

1 heard Opro River Forest 03-09, 1 heard Legon Botanical Garden (Accra) 03-19

297 Melodious Warbler Hippolais polyglotta

2 Brenu beach rd 03-07, 1 heard Opro River Forest 03-09, 1 heard Kumasi 03-13, 1 Kalakpa RR 03-18

298 **Red-faced Cisticola** Cisticola erythrops erythrops

1 + 1 heard Abrafo farmbush 02-27, 1 heard Antwikwaa 03-08, 1 heard Opro River Forest 03-09, 1 Kalakpa RR 03-19

299 Singing Cisticola Cisticola cantans swanzii

1 Abrafo farmbush 02-27, 2 Brenu beach rd 03-07, 2 Kalakpa RR 03-18, 1 Kalakpa RR 03-19

300 Whistling Cisticola Cisticola lateralis lateralis

1 + 1 heard Abrafo farmbush 02-27

301 Croaking Cisticola Cisticola natalensis strangei

5 Shai Hills 02-26, 2 Kalakpa RR 03-18

302 Dorst's Cisticola Cisticola guinea

2 + 1 heard Mole NP 03-11, 2 Mole NP 03-12

303 **Short-winged Cisticola** *Cisticola brachypterus brachypterus*

1 Shai Hills 02-26, 1 Brenu beach rd 03-07, 3 Kalakpa RR 03-18, 3 Kalakpa RR 03-19

304 Rufous Cisticola Cisticola rufus

2 Mole NP 03-10

305 Tawny-flanked Prinia Prinia subflava melanorhyncha

1 heard En route 02-26, 1 heard Shai Hills 02-26, 1 heard Abrafo farmbush 02-27, 2 Abrafo township 02-27, 1 Nsuta Forest 03-03, 1 heard Antwikwaa 03-08, 1 heard Atewa farm bush 03-16, 2 Atewa farm bush 03-17, 2 Kalakpa RR 03-18, 1 Kalakpa RR 03-19

306 **Red-winged Prinia** Prinia erythroptera erythroptera

1 Abrafo farmbush 02-27, 1 Brenu beach rd 03-07, 1 Kalakpa RR 03-19

307 **Yellow-breasted Apalis** Apalis flavida caniceps

1 heard Mole NP 03-10, 2 Mognori River 03-11

308 Black-capped Apalis Apalis nigriceps nigriceps

1 heard Ankasa Forest road 03-05, 1 Ankasa Forest road 03-06, 3 + 4 heard Atewa 03-15, 2 heard Atewa 03-16

309 Sharpe's Apalis Apalis sharpii

1 Canopy Walkway (Kakum NP) 02-28, 1 heard Nsuta Forest 03-03, 1 heard Ankasa Forest road 03-04, 1 heard Bobiri Butterfly Sanctuary 03-13, 5 Atewa 03-16

310 **Oriole Warbler** *Hypergerus atriceps*

1 heard Shai Hills 02-26, 1 Brenu beach rd 03-07, 3 Mole NP 03-10

311 Grey-backed Camaroptera Camaroptera brevicaudata

brevicaudata: 2 heard Shai Hills 02-26, 3 Mole NP 03-10, 1 Kalakpa RR 03-18, 1 Kalakpa RR 03-19

tincta: 1 Abrafo farmbush 02-27, 1 heard Abrafo township 02-27, 2 + 1 heard Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13

312 Yellow-browed Camaroptera Camaroptera superciliaris

1 Abrafo farmbush 02-27, 1 heard Kakum NP 02-28, 1 Wassa Forest 03-01, 1 + 3 heard Nsuta Forest 03-02, 2 heard Nsuta Forest 03-03, 1 Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 3 heard Bobiri Butterfly Sanctuary 03-13, 1 + 1 heard Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa farm bush 03-15, 2 heard Atewa 03-15, 1 + 1 heard Atewa 03-16, 1 heard Atewa 03-17

313 Olive-green Camaroptera Camaroptera chloronota kelsalli

1 heard Abrafo farmbush 03-07, 1 Antwikwaa 03-08, 1 heard Opro River Forest 03-09, 1 heard Bobiri Butterfly Sanctuary 03-13, 1 + 7 heard Atewa 03-15, 2 heard Atewa 03-16, 2 heard Atewa 03-17

314 Senegal Eremomela Eremomela pusilla

9 Shai Hills 02-26, 3 Mole NP 03-10, 5 Mole NP 03-11, 15 Mole NP 03-12, 1 Kalakpa RR 03-18

315 **Rufous-crowned Eremomela** Eremomela badiceps fantiensis

2 Canopy Walkway (Kakum NP) 02-28, 3 Wassa Forest 03-01, 2 Bobiri Butterfly Sanctuary 03-13, 2 Atewa 03-16

316 **Garden Warbler** *Sylvia borin borin*

1 Opro River Forest 03-09

317 Common Whitethroat Curruca communis communis

1 Mole NP 03-10

318 Northern Yellow White-eye Zosterops senegalensis senegalensis

1 Abrafo township 02-27, 1 Half Assini 03-07, 3 Antwikwaa 03-08, 6 Mole NP 03-10, 1 Atewa farm bush 03-16

319 **Brown Illadopsis** Illadopsis fulvescens

gularis: 2 Nsuta Forest 03-02 , 1 heard Antwikwaa 03-08 moloneyana: 2 Kalakpa RR 03-18

320 Pale-breasted Illadopsis Illadopsis rufipennis extrema

2 Ankasa Forest road 03-04

321 Blackcap Illadopsis Illadopsis cleaveri cleaveri

1 heard Ankasa Forest road 03-05, 1 + 1 heard Ankasa Forest road 03-06, 1 heard Atewa 03-15, 2 heard Atewa 03-16

322 **Puvel's Illadopsis** Illadopsis puveli puveli

3 Abrafo farmbush 02-27

323 Rufous-winged Illadopsis Illadopsis rufescens NT

1 + 1 Ankasa Forest road 03-04, 1 heard Atewa 03-16

324 **Capuchin Babbler** *Turdoides atripennis rubiginosus*

3 Kalakpa RR 03-18

325 Brown Babbler Turdoides plebejus platycirca

1 heard Shai Hills 02-26, 3 Mole NP 03-11

326 Blackcap Babbler Turdoides reinwardtii stictilaema

1 Shai Hills 02-26, 1 Mole NP 03-10, 5 Legon Botanical Garden (Accra) 03-19

327 Violet-backed Hyliota Hyliota violacea nehrkorni

1 Canopy Walkway (Kakum NP) 02-28, 1 Wassa Forest 03-01

328 Copper-tailed Starling Hylopsar cupreocauda NT

1 Canopy Walkway (Kakum NP) 02-28, 2 Wassa Forest 03-01

329 **Splendid Starling** *Lamprotornis splendidus chrysonotis*

1 Shai Hills 02-26, 2 Alexis Hotel (Tema) 02-26, 2 Ebi Wetland 03-03, 2 En route 03-07, 4 Antwikwaa 03-08, 1 Opro River Forest 03-09, 4 Atewa 03-17, 8 Legon Botanical Garden (Accra) 03-19

330 **Purple Starling** *Lamprotornis purpureus*

1 Alexis Hotel (Tema) 02-26, 3 Mole NP 03-10, 1 Kalakpa RR 03-19, 1 Alexis Hotel (Tema) 03-19, 1 Legon Botanical Garden (Accra) 03-19

331 Long-tailed Glossy Starling Lamprotornis caudatus

4 Mole NP 03-10, 2 Legon Botanical Garden (Accra) 03-19

332 **Violet-backed Starling** *Cinnyricinclus leucogaster leucogaster*

5 Abrafo township 02-27, 1 Antwikwaa 03-08, 1 Mole NP 03-10, 1 Mole NP 03-12

333 Chestnut-winged Starling Onychognathus fulgidus hartlaubii

2 Abrafo forest 02-27, 4 Canopy Walkway (Kakum NP) 02-28, 1 Atewa 03-16

334 Narrow-tailed Starling Poeoptera lugubris

3 Wassa Forest 03-01

335 White-tailed Ant Thrush Neocossyphus poensis poensis – HO

1 heard Nsuta Forest 03-02, 2 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-06

336 Finsch's Rufous Thrush Stizorhina finschi

1 Wassa Forest 03-01, 2 + 1 heard Nsuta Forest 03-02, 2 Nsuta Forest 03-03, 1 + 1 heard Ankasa Forest road 03-04, 1 Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06, 1 + 2 heard Bobiri Butterfly Sanctuary 03-13, 1 heard Atewa 03-15, 1 Atewa 03-16

337 African Thrush Turdus pelios

chiquancoides: 1 Mole NP 03-12

saturatus: 1 Shai Hills 02-26, 1 Opro River Forest 03-09, 1 Atewa farm bush 03-16, 2 Kalakpa RR 03-18

338 White-tailed Alethe Alethe diademata

2 heard Wassa Forest 03-01, 1 heard Wassa Forest 03-01, 1 heard Ankasa Forest road 03-04, 3 + 2 heard Ankasa Forest road 03-05, 1 heard Ankasa Forest road 03-06

339 Forest Scrub Robin Cercotrichas leucosticta leucosticta

1 Atewa 03-15, 1 heard Atewa 03-16

340 Fraser's Forest Flycatcher Fraseria ocreata prosphora

1 Wassa Forest 03-01, 1 heard Ankasa Forest road 03-05, 2 Atewa 03-16, 1 Atewa 03-17

341 **Grey-throated Tit-Flycatcher** *Myioparus griseigularis parelii*

1 heard Nsuta Forest 03-02, 1 Ankasa Forest road 03-04, 1 heard Bobiri Butterfly Sanctuary 03-13, 1 heard Atewa 03-15

342 **Grey Tit-Flycatcher** *Myioparus plumbeus plumbeus*

1 Shai Hills 02-26, 1 Bobiri Butterfly Sanctuary 03-14

343 **Nimba Flycatcher** *Melaenornis annamarulae* VU

1 Atewa 03-15

344 Northern Black Flycatcher Melaenornis edolioides edolioides

1 Shai Hills 02-26, 6 Mole NP 03-10, 2 Mole NP 03-11, 1 Mognori River 03-11

345 **Pale Flycatcher** *Melaenornis pallidus pallidus*

1 Mole NP 03-10, 2 Mole NP 03-12

346 **Spotted Flycatcher** *Muscicapa striata striata*

1 Shai Hills 02-26, 1 Brenu beach rd 03-07

347 Swamp Flycatcher Muscicapa aquatica aquatica

1 Mole NP 03-10

348 Cassin's Flycatcher Muscicapa cassini

2 Ankasa camp 03-03

349 **Olivaceous Flycatcher** *Muscicapa olivascens olivascens*

1 Ankasa Forest road 03-04

350 Little Grey Flycatcher Muscicapa epulata

1 Ankasa Forest road 03-04, 1 Bobiri Butterfly Sanctuary 03-14, 6 Atewa 03-15, 5 Atewa 03-16

351 **Dusky-blue Flycatcher** *Muscicapa comitata aximensis*

1 Ankasa Forest road 03-05, 1 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13, 3 Atewa 03-15, 1 Atewa 03-16, 1 Atewa farm bush 03-17

352 **Tessmann's Flycatcher** *Muscicapa tessmanni* – HO

1 heard Ankasa Forest road 03-04

353 **Ussher's Flycatcher** *Muscicapa ussheri*

3 Canopy Walkway (Kakum NP) 02-28, 4 Wassa Forest 03-01, 1 Nsuta Forest 03-01, 2 Nsuta Forest 03-02, 3 Atewa 03-15, 7 Atewa 03-16

354 **Brown-chested Alethe** Chamaetylas poliocephala poliocephala

1 Ankasa Forest road 03-06

355 **Blue-shouldered Robin-Chat** Cossypha cyanocampter cyanocampter

1 Abrafo township 02-27

356 Snowy-crowned Robin-Chat Cossypha niveicapilla niveicapilla

1 Shai Hills 02-26

357 White-crowned Robin-Chat Cossypha albicapillus giffardi

2 Mole NP 03-10, 1 Mognori River 03-11

358 Forest Robin Stiphrornis erythrothorax

inexpectatus: 1 Abrafo township 02-27, 1 heard Atewa 03-16, 1 heard Atewa 03-17 erythrothorax: 1 Ankasa Forest road 03-04, 3 heard Ankasa Forest road 03-05, 2 heard Ankasa Forest road 03-06

dahomeyensis: 1 + 1 heard Kalakpa RR 03-18

359 **Common Nightingale** *Luscinia megarhynchos megarhynchos* – HO

1 heard Opro River Forest 03-09

360 European Pied Flycatcher Ficedula hypoleuca

1 Opro River Forest 03-09, 2 Mole NP 03-10

361 Whinchat Saxicola rubetra

1 Shai Hills 02-26, 1 Kalakpa RR 03-19

362 White-crowned Cliff Chat Thamnolaea coronata coronata

1 Shai Hills 02-26

363 White-fronted Black Chat Oenanthe albifrons frontalis

4 Mole NP 03-12

364 **Familiar Chat** *Oenanthe familiaris falkensteini*

1 Mole NP 03-10

365 Fraser's Sunbird Deleornis fraseri idius

1 Canopy Walkway (Kakum NP) 02-28, 1 Ankasa Forest road 03-04, 4 Ankasa Forest road 03-05, 3 Ankasa Forest road 03-06

366 Mangrove Sunbird Anthreptes gabonicus

2 Amanzule River 03-03, 1 Ebi Wetland 03-07

367 **Western Violet-backed Sunbird** *Anthreptes longuemarei longuemarei*

1 Mole NP 03-10

368 **Little Green Sunbird** Anthreptes seimundi kruensis

3 Canopy Walkway (Kakum NP) 02-28, 1 Kakum NP 02-28, 1 Wassa Forest 03-01, 2 Nsuta Forest 03-02, 1 Ankasa Forest road 03-05, 1 Bobiri Butterfly Sanctuary 03-13, 4 Atewa 03-16

369 Yellow-chinned Sunbird Anthreptes rectirostris

1 Nsuta Forest 03-02, 1 Nsuta Forest 03-03, 1 Atewa 03-15, 1 Atewa 03-17

370 **Collared Sunbird** *Hedydipna collaris subcollaris*

1 Abrafo farmbush 02-27, 1 heard Abrafo township 02-27, 3 Canopy Walkway (Kakum NP) 02-28, 1 Kakum NP 02-28, 1 Opro River Forest 03-09, 1 Kumasi 03-13

371 **Pygmy Sunbird** *Hedydipna platura*

2 Mole NP 03-11, 1 Mole NP 03-12

372 **Reichenbach's Sunbird** *Anabathmis reichenbachii*

1 Ankobra River 03-03, 1 Amanzule River 03-03, 1 Amanuzule river bridge 03-07

373 **Green-headed Sunbird** Cyanomitra verticalis verticalis

1 Abrafo farmbush 02-27, 2 Brenu beach rd 03-07, 1 Opro River Forest 03-09, 1 + 1 heard Kalakpa RR 03-18

374 Blue-throated Brown Sunbird Cyanomitra cyanolaema magnirostrata

2 Canopy Walkway (Kakum NP) 02-28, 2 Wassa Forest 03-01, 1 Nsuta Forest 03-03, 1 Ankasa Forest road 03-05, 4 Atewa 03-15, 2 Atewa 03-16

375 **Olive Sunbird** Cyanomitra olivacea guineensis

1 Wassa Forest 03-01, 1 heard Ankasa Forest road 03-04, 1 heard Ankasa Forest road 03-05, 1 Ankasa Forest road 03-06, 1 Bobiri Butterfly Sanctuary 03-14, 1 heard Atewa 03-15

376 **Buff-throated Sunbird** Chalcomitra adelberti adelberti

1 Abrafo forest 02-27, 1 Ankasa Forest road 03-04, 2 Atewa 03-15, 1 Atewa 03-16, 1 Atewa 03-17

377 Carmelite Sunbird Chalcomitra fuliginosa aurea

3 Half Assini 03-07

378 **Scarlet-chested Sunbird** *Chalcomitra senegalensis senegalensis*

3 Mole NP 03-10, 4 Mole NP 03-11, 3 Mole NP 03-11, 1 Mole NP 03-12

379 Olive-bellied Sunbird Cinnyris chloropygius kempi

1 heard Abrafo farmbush 02-27, 1 + 2 heard Nsuta Forest 03-02, 1 Atewa 03-16, 1 Kalakpa RR 03-19

380 **Tiny Sunbird** *Cinnyris minullus*

1 Canopy Walkway (Kakum NP) 02-28, 1 Ankasa camp 03-03

381 Beautiful Sunbird Cinnyris pulchellus pulchellus

8 Mole NP 03-10

382 Splendid Sunbird Cinnyris coccinigastrus

3 Shai Hills 02-26, 1 Mole NP 03-11, 1 Atewa 03-16, 4 Kalakpa RR 03-18, 2 Kalakpa RR 03-19, 1 Legon Botanical Garden (Accra) 03-19

383 **Johanna's Sunbird** *Cinnyris johannae fasciatus*

1 Nsuta Forest 03-02, 1 Bobiri Butterfly Sanctuary 03-13, 1 Bobiri Butterfly Sanctuary 03-14

384 **Superb Sunbird** Cinnyris superbus ashantiensis

1 Opro River Forest 03-09, 1 Bobiri Butterfly Sanctuary 03-13

385 Variable Sunbird Cinnyris venustus venustus

7 Kumasi 03-14

386 **Copper Sunbird** Cinnyris cupreus cupreus

1 Shai Hills 02-26, 1 Abrafo farmbush 02-27, 1 Brenu beach rd 03-07, 1 Kumasi 03-14

387 **House Sparrow** *Passer domesticus*

1 En route 03-02

388 Northern Grey-headed Sparrow Passer griseus griseus

1 Pra River 02-28, 1 En route 03-03, 1 Ankasa entrance road 03-03, 4 Ankasa camp 03-06, 4 Half Assini 03-07, 1 En route 03-07, 1 Kumasi 03-14

389 Sahel Bush Sparrow Gymnoris dentata

1 Mole NP 03-10, 13 Mole NP 03-11, 20 Mole NP 03-12

390 Chestnut-crowned Sparrow-Weaver Plocepasser superciliosus

1 Mole NP 03-10, 2 Mole NP 03-11

391 Thick-billed Weaver Amblyospiza albifrons capitalba

1 Atewa 03-16

392 Slender-billed Weaver Ploceus pelzelni monacha

1 Shai Hills 02-26

393 Little Weaver Ploceus luteolus luteolus

4 Mole NP 03-10, 1 Mognori River 03-11, 1 Mole NP 03-12

394 **Black-necked Weaver** *Ploceus nigricollis brachypterus*

1 Abrafo farmbush 02-27, 1 Half Assini 03-07, 1 Brenu beach rd 03-07, 2 Kumasi 03-14, 1 Atewa farm bush 03-17

395 **Orange Weaver** *Ploceus aurantius aurantius*

1 Lily's pond (Bokro) 03-03

396 Heuglin's Masked Weaver Ploceus heuglini

1 Opro River Forest 03-09

397 **Village Weaver** *Ploceus cucullatus cucullatus*

5 En route 02-26, 30 Abrafo farmbush 02-27, 60 Hans Cottage Botel 02-27, 3 En route 03-07, 3 Brenu beach rd 03-07, 3 En route 03-14, 5 Kalakpa RR 03-18

398 **Vieillot's Black Weaver** *Ploceus nigerrimus castaneofuscus*

40 Abrafo farmbush 02-27, 20 En route 03-07, 1 Brenu beach rd 03-07, 25 Antwikwaa 03-08, 1 En route 03-14, 100 Atewa farm bush 03-15, 20 Atewa farm bush 03-16, 15 Atewa farm bush 03-17

399 Black-headed Weaver Ploceus melanocephalus capitalis

6 Mognori River 03-11

400 Yellow-mantled Weaver Ploceus tricolor tricolor

3 Canopy Walkway (Kakum NP) 02-28, 2 Wassa Forest 03-01, 2 Ankasa Forest road 03-05, 4 Bobiri Butterfly Sanctuary 03-13, 1 Bobiri Butterfly Sanctuary 03-14, 2 Atewa 03-16, 1 Atewa 03-17

401 Maxwell's Black Weaver Ploceus albinucha albinucha

2 Canopy Walkway (Kakum NP) 02-28, 1 Wassa Forest 03-01, 70 Nsuta Forest 03-02, 1 Ankasa Forest road 03-05, 1 Ankasa Forest road 03-06, 18 Atewa 03-15, 18 Atewa 03-16, 5 Atewa 03-17

402 Compact Weaver Ploceus superciliosus

4 Atewa farm bush 03-17, 5 Kalakpa RR 03-19

403 Preuss's Weaver Ploceus preussi

2 Canopy Walkway (Kakum NP) 02-28, 1 Atewa 03-16

404 Red-vented Malimbe Malimbus scutatus scutatus

1 Wassa Forest 03-01, 1 Nsuta Forest 03-02, 1 Ankasa Forest road 03-05, 1 Ankasa Forest road 03-06, 1 Antwikwaa 03-08

405 Blue-billed Malimbe Malimbus nitens

1 Abrafo farmbush 02-27, 1 Abrafo township 02-27, 1 Ankasa camp 03-03, 1 Ankasa Forest road 03-05, 1 En route 03-07

406 **Red-headed Malimbe** *Malimbus rubricollis bartletti*

5 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-02, 1 Nsuta Forest 03-03, 3 Bobiri Butterfly Sanctuary 03-13, 2 Atewa 03-15

407 **Crested Malimbe** *Malimbus malimbicus nigrifrons*

1 Wassa Forest 03-01, 1 Ankasa Forest road 03-04, 2 Ankasa Forest road 03-06, 1 Opro River Forest 03-09, 1 Bobiri Butterfly Sanctuary 03-14, 3 Atewa 03-15

408 **Red-headed Weaver** Anaplectes rubriceps leuconotos

2 Mole NP 03-11, 1 Mole NP 03-12

409 **Red-headed Quelea** *Quelea erythrops*

1 Kalakpa RR 03-19

410 Red-billed Quelea Quelea quelea quelea

1 Mole NP 03-11

411 Black-winged Red Bishop Euplectes hordeaceus hordeaceus

2 Mole NP 03-11, 1 Kumasi 03-14

412 **Northern Red Bishop** *Euplectes franciscanus franciscanus*

5 Kalakpa RR 03-18

413 Yellow-mantled Widowbird Euplectes macroura macroura

10 Abrafo farmbush 03-07

414 Bronze Mannikin Spermestes cucullata cucullata

1 Alexis Hotel (Tema) 02-26, 1 En route 02-26, 12 Abrafo township 02-27, 3 Half Assini 03-07, 2 Antwikwaa 03-08, 20 Mognori River 03-11, 1 Kumasi 03-13, 1 Kumasi 03-14, 23 Kalakpa RR 03-18

415 Black-and-white Mannikin Spermestes bicolor bicolor

6 Abrafo farmbush 02-27, 8 Antwikwaa 03-08

416 Red-fronted Antpecker Parmoptila rubrifrons NT

1 Wassa Forest 03-01

417 White-breasted Nigrita Nigrita fusconotus uropygialis

1 heard Abrafo forest 02-27, 4 Canopy Walkway (Kakum NP) 02-28, 1 heard Nsuta Forest 03-02, 1 Nsuta Forest 03-03, 1 Antwikwaa 03-08, 1 Atewa 03-15, 2 Atewa 03-16

418 Chestnut-breasted Nigrita Nigrita bicolor bicolor

1 Canopy Walkway (Kakum NP) 02-28, 1 Nsuta Forest 03-02, 1 Ankasa Forest road 03-04, 2 Ankasa Forest road 03-05, 2 Ankasa Forest road 03-06, 2 Ankasa pools 03-06, 1 Antwikwaa 03-08, 1 Bobiri Butterfly Sanctuary 03-13

419 Grey-headed Nigrita Nigrita canicapillus emiliae

1 heard Abrafo farmbush 02-27, 1 + 2 heard Abrafo forest 02-27, 2 Canopy Walkway (Kakum NP) 02-28, 1 Kakum NP 02-28, 1 heard Wassa Forest 03-01, 1 heard Nsuta Forest 03-01, 2 + 1 heard Nsuta Forest 03-02, 1 heard Ankasa camp 03-03, 1 heard Ankasa Forest road 03-05, 2 + 1 heard Antwikwaa 03-08, 1 + 2 heard Bobiri Butterfly Sanctuary 03-13, 1 heard Bobiri Butterfly Sanctuary 03-14, 3 + 1 heard Atewa 03-15, 1 Kalakpa RR 03-19

420 Lavender Waxbill Glaucestrilda caerulescens

1 Mole NP 03-10

421 Orange-cheeked Waxbill Estrilda melpoda

2 Abrafo farmbush 02-27, 3 Opro River Forest 03-09, 1 Mole NP 03-10, 1 Mole NP 03-12, 4 Atewa farm bush 03-17, 3 Kalakpa RR 03-18, 5 Kalakpa RR 03-19

422 **Red-cheeked Cordon-bleu** *Uraeginthus bengalus bengalus*

1 Mole NP 03-11, 1 Mole NP 03-12

423 **Western Bluebill** Spermophaga haematina haematina

1 Mankessim 02-26, 1 Atewa 03-16

424 **Red-winged Pytilia** Pytilia phoenicoptera phoenicoptera

2 Mole NP 03-10, 2 Mole NP 03-11

425 **Red-billed Firefinch** Lagonosticta senegala senegala

27 Mole NP 03-10, 5 Mole NP 03-11

426 African Firefinch Lagonosticta rubricata polionota

10 Opro River Forest 03-09, 1 Kalakpa RR 03-18, 1 Kalakpa RR 03-19

427 Black-bellied Firefinch Lagonosticta rara forbesi

1 Opro River Forest 03-09

428 Bar-breasted Firefinch Lagonosticta rufopicta rufopicta

1 Alexis Hotel (Tema) 02-26, 5 Mankessim 02-26, 3 Kumasi 03-14

429 Black-faced Firefinch Lagonosticta larvata nigricollis

5 Mole NP 03-10, 3 Mole NP 03-12

[Wilson's Indigobird Vidua wilsoni]

15 Mole NP 03-10

430 Pin-tailed Whydah Vidua macroura

1 Kakum NP 02-28, 16 En route 03-07, 1 Mole NP 03-10, 1 Kalakpa RR 03-18

431 Western Yellow Wagtail Motacilla flava

1 En route 03-03

432 African Pied Wagtail Motacilla aquimp vidua

1 heard Accra 02-26, 1 Alexis Hotel (Tema) 02-26, 2 Kakum NP 02-28, 1 En route 03-01, 1 Ankasa entrance road 03-07, 1 En route 03-17

433 **Yellow-throated Longclaw** *Macronyx croceus croceus*

1 Shai Hills 02-26

434 Plain-backed Pipit Anthus leucophrys zenkeri

1 Shai Hills 02-26, 1 Shama 03-01

435 **Tree Pipit** Anthus trivialis trivialis

1 heard Abrafo township 02-27, 5 Mole NP 03-11, 3 Kalakpa RR 03-18

436 **Yellow-fronted Canary** *Crithagra mozambica caniceps*

2 Shai Hills 02-26, 1 Brenu beach rd 03-07, 3 Mole NP 03-10, 1 Mole NP 03-11, 11 Mole NP 03-12

437 West African Seedeater Crithagra canicapilla canicapilla

1 Mole NP 03-11

438 **Gosling's Bunting** *Emberiza goslingi*

2 Mole NP 03-11

439 **Brown-rumped Bunting** *Emberiza affinis nigeriae*

1 Mole NP 03-11

440 Cabanis's Bunting Emberiza cabanisi cabanisi

1 Mole NP 03-11

MAMMALS

1 Western Tree Hyrax Dendrohyrax dorsalis

2 heard Nsuta Forest 03-02, 1 heard Ankasa camp 03-03, 1 heard Ankasa Forest road 03-04, 1 heard Kakum NP 03-07, 1 heard Bobiri Butterfly Sanctuary 03-13

2 African Elephant Loxodonta africana VU

6 Mole NP 03-10

3 **Slender Mongoose** *Herpestes sanguineus*

1 Bonkro 03-08

4 **Gambian Mongoose** *Mungos gambianus*

1 Mole NP 03-09

5 **Common Warthog** *Phacochoerus africanus africanus*

10 Mole NP 03-10, 5 Mole NP 03-11

6 Hartebeest Alcelaphus buselaphus major

3 Mole NP 03-10

7 **Waterbuck** Kobus ellipsiprymnus defassa

2 Mole NP 03-10

8 **Kob** Kobus kob kob

21 Shai Hills 02-26, 29 Mole NP 03-10, 9 Mole NP 03-11, 1 Mole NP 03-11, 1 Mole NP 03-12

9 **Maxwell's Duiker** *Philantomba maxwellii*

1 Ankasa Forest road 03-06

10 **Bushbuck** *Tragelaphus scriptus*

1 Shai Hills 02-26, 4 Mole NP 03-10, 3 Mole NP 03-11, 2 Mole NP 03-12

11 Yellow-winged Bat Lavia frons

2 Mole NP 03-10

12 African Straw-coloured Fruit-bat Eidolon helvum NT

10000 New Tafo Akyem 03-15

[Intermediate Slit-faced Bat Nycteris intermedia]

1 Mognori River 03-11

13 Northern Lesser Galago Galago senegalensis senegalensis

1 Mole NP 03-11

14 **Demidoff's Dwarf Galago** Galagoides demidoff

1 heard Ankasa Forest road 03-04, 1 heard Kakum NP 03-07, 1 Bobiri Butterfly Sanctuary 03-13

15 Mona Monkey Cercopithecus mona

2 Canopy Walkway (Kakum NP) 02-28

16 **Green Monkey** Chlorocebus sabaeus

1 Mole NP 03-10, 8 Mole NP 03-11

17 Tantalus Monkey Chlorocebus tantalus

2 Shai Hills 02-26

18 **Patas Monkey** *Erythrocebus patas*

10 Mole NP 03-10, 1 Mole NP 03-12

19 Olive Baboon Papio anubis

5 Shai Hills 02-26, 12 Mole NP 03-10, 30 Mole NP 03-11, 1 En route 03-19

20 African Savanna Hare Lepus victoriae

1 Mole NP 03-11

21 Kintampo Rope Squirrel Funisciurus substriatus DD

1 Bobiri Butterfly Sanctuary 03-14

22 **Green Bush Squirrel** Paraxerus poensis

1 Canopy Walkway (Kakum NP) 02-28

23 **Giant Forest Squirrel** *Protoxerus stangeri*

1 Nsuta Forest 03-02, 3 Ankasa Forest road 03-05

24 Forest Giant Pouched Rat Cricetomys emini

1 Kakum NP 02-28, 1 Nsuta Forest 03-02

[African Climbing Mouse Dendromus melanotis]

1 Ankasa camp 03-06

25 Edward's Swamp Rat Malacomys edwardsi

1 Kakum NP 02-28