Bird observations along the Noumbi River, Conkouati-Douli National Park, Congo-Brazzaville

José María Fernández-García^a, Nerea Ruiz de Azua^a and Rebeca Atencia^b

Observations ornithologiques au bord de la rivière Noumbi, Parc National de Conkouati-Douli, Congo-Brazzaville. Un bref inventaire ornithologique de huit jours a été effectué en juillet 2013 le long de la rivière Noumbi, dans le Parc National de Conkouati-Douli, Zone Importante pour la Conservation des Oiseaux au sud-ouest du Congo-Brazzaville. Des 78 espèces enregistrées, huit n'avaient pas encore été observées dans le parc, dont une classée comme Vulnérable (le Perroquet Jaco *Psittacus erithacus*). Avec ces additions, la liste pour le parc s'élève à 298 espèces. Ces résultats soulignent la nécessité de poursuivre les prospections sur le terrain afin d'améliorer les connaissances de l'avifaune de ce hotspot de la biodiversité.

Summary. A brief bird survey of eight days was carried out in July 2013 along the Noumbi River, within Conkouati-Douli National Park, an Important Bird Area in south-west Congo-Brazzaville. In total, 78 species were recorded, eight of which had not previously been observed in the park; one of these is classified as Vulnerable (Grey Parrot *Psittacus erithacus*). With these additions, the bird list for Conkouati-Douli National Park currently numbers 298 species. These results highlight the need for further field work to improve knowledge of the avifauna of this biodiversity hotspot.

The avifauna of the Republic of Congo (Congo-Brazzaville) remains incompletely known, partly due to the lack of resident ornithologists (Dowsett-Lemaire 2001). Moreover, political instability and violence in the 1990s have not encouraged birders to visit. At present, the country checklist includes 664 species with confirmed records (Dowsett *et al.* 2016).

Incomplete knowledge of the avifauna is particularly true for Conkouati-Douli National Park (CDNP), in the south-west (Fig. 1a). CDNP was gazetted as a faunal reserve in 1980 and classified as a national park in 1999, by Executive Order No. 99-136. The park is managed by the Ministère de l'Economie forestière et du Développement durable, in partnership with the Wildlife Conservation Society. Very few bird surveys have been undertaken in the area: the only efforts known to us are those of Hecketsweiler & Mokoko Ikonga (1991) and Doumenge (1992), who reported on species recorded opportunistically in the western and eastern parts of the park, respectively. There are also unpublished reports of a brief survey in October-November 1996 (Cruickshank c.1997) and on occasional waterbird censuses at the lagoons (Mokoko Ikonga 2007). Additionally, Dowsett-Lemaire & Dowsett (1989, 1991) carried out bird surveys in the nearby Kouilou River basin. Although monitoring programmes are operated by governmental bodies and NGOs for several natural resources (fisheries, oil extraction)

and taxonomic groups (sea turtles, cetaceans, large terrestrial mammals) at CDNP (Devers & Vande weghe 2006), the avifauna has received relatively little attention to date and clearly merits further field work (Rainey *et al.* 2009).

F. Dowsett-Lemaire (*in litt.* 2016) compiled a tentative bird list for CDNP based on the surveys presented by Hecketsweiler & Mokoko Ikonga (1991), Doumenge (1992) and especially Cruickshank (*c*.1997), of which only the list of species restricted to the Guinea-Congo forest biome has been published (Dowsett-Lemaire 2001). Dowsett-Lemaire (2001) commented that the number of confirmed species (288) was undoubtedly below the potential (probably >400)—the better surveyed Lower Kouilou basin, which has several habitat types in common with, and only half the surface area of CDNP, harbours 378 confirmed species.

CDNP has been recognised as an Important Bird Area, based on the presence of a breeding population of Rosy Bee-eaters *Merops malimbicus* and of 117 of the 200 species restricted to the Guinea-Congo Forests biome recorded in Congo-Brazzaville (Dowsett-Lemaire 2001). Additionally, CDNP lies within the Secondary Endemic Bird Area 'Gabon–Cabinda Coast', which includes the distribution of Loango Weaver *Ploceus subpersonatus*, a restricted-range species (Bulens & Dowsett 2001). Finally, it was proposed as a Ramsar Site of International Importance (Heath



Figure 1. Location of Conkouati-Douli National Park (left) and of the study area along the Noumbi River within the park (below), Congo-Brazzaville.

Localisation du Parc National de Conkouati-Douli (ci-contre) et de la zone d'étude le long de la rivière Noumbi dans le parc (ci-dessous), Congo-Brazzaville.



2002) on the basis of a breeding population of African River Martin *Pseudochelidon eurystomina* (Maisels & Cruickshank 2000), a Data Deficient species, despite the fact that on the central African coast this martin is not water-dependent but breeds in dry sandy savannah.

This paper presents the results of a brief bird survey along the Noumbi River, in the eastern section of CDNP. At this location, a project to reintroduce previously captive Mandrills *Mandrillus sphinx* into the wild has been undertaken since 2012 by the Jane Goodall Institute. The bird survey was part of wider fauna and flora inventories, aimed to gain knowledge of the biodiversity and environmental features of the forest area where Mandrills are to be released.

Study area

CDNP is situated within Kouilou administrative region, the south-westernmost part of Congo-Brazzaville (Fig. 1). The park lies between 03°23'-04°18'S and 11°06'-11°43'E. It is limited to the north and west by the international border with Gabon, to the east by the lower Kouilou basin, and to the south by the Atlantic Ocean (Fig. 1). It covers 505,000 ha, 75% of which is terrestrial, from sea level to c.600 m on the Mayombe massif, in the north-east. Non-marine habitats include coastal and tall-grass savannahs, lagoons and rivers, and forests. CDNP's tropical forests, which form part of the Lower Guinean block, account for 73% of the land surface and comprise mangroves, littoral and sublittoral forests, and swamp and semi-evergreen rainforests. Together with the neighbouring Gamba-Mayumba ecoregion in coastal Gabon, CDNP is regarded as a critical hotspot for biodiversity in West-Central Africa, based on the richness of its flora, the large mammal populations (including African Manatee Trichechus senegalensis, Forest Elephant Loxodonta africana cyclotis, Central Chimpanzee Pan t. troglodytes, Western Lowland Gorilla Gorilla g. gorilla and other primates and ungulates) and sea turtle breeding sites (Devers & Vande weghe 2006).

Human population density in and around CDNP is low, but pressure on natural resources disproportionately exceeds local demands. Several logging concessions have operated in recent decades, even following the park's creation. Apart from changing the structure and composition of the forest, mining and logging activities have facilitated human exploitation of other resources. Hunting and bushmeat trade are major conservation concerns and are thought to be reducing populations of medium-sized and large mammals at an unsustainable rate (Wieland 2008), provisioning the metropolitan area of Pointe-Noire (c.1,000,000 inhabitants). In general, birds are not the primary target of such hunting activities, at least not in forest tracts more distant from villages (Hecketsweiler & Mokoko Ikonga 1991).

The Noumbi is one of the largest rivers in southern Congo-Brazzaville, after the Koilou. It meanders through the eastern sector of CDNP, successively traversing Mayombe forest, the forest-savannah mosaic and the coastal forests and shrublands near the river mouth. Our field work was carried out along a 6 km-long stretch in the middle section of the river (04°01'S 11°37'E). Here the riverbed is 15-20 m wide, lined by a narrow strip of secondary gallery forest (Fig. 2), temporarily flooded and dominated by Raphia spp., Berlinia spp., Alstonia congensis, Uapaca heudelotii, Coelocaryon botryoides, Guibourtia spp. and Sclerosperma mannii. This gallery is embedded within a 2-4 km-wide dense transitional rainforest between the pure Mayombe and sublittoral forests, giving way to patches of savanna (Hecketsweiler & Mokoko Ikonga 1991). The current zoning of the park includes this area as an 'ecodevelopment' sector, where fishing and gathering of non-timber forest products are permitted (Weiland 2008). The closest permanent human settlement is 20 km away, but there is regular activity by fishermen in the area.

Methods

Bird species were recorded on a fixed itinerary of 4.6 km along the Noumbi River. As there are no terrestrial routes in this part of CDNP, we used a small rowing boat (pirogue). The field team consisted of three people, two scanning the riverside and canopy, and noting observed species, and the third directing navigation. The boat was paddled at a very low speed (2-3 km/hour), and frequent stops were made to identify passing flocks, bird parties or particular individuals under difficult light conditions (birds high up in the canopy or in the shade). Each survey began in the morning (at c.09.00 hrs) and lasted until the afternoon (14.00-15.00 hrs). Each day, we made short walks from the riverbank into the adjacent forest, using paths made by fishermen and small clearances created by elephants (Fig. 3). The same itinerary was followed every day, upstream first and downstream subsequently, and was repeated daily between 17 and 24 July 2013. We did not count the number of birds, but a relative index of species abundance was inferred based on the daily frequency of occurrence.





Figure 2. Dense gallery forest along the Noumbi River, Conkouati-Douli National Park, Congo-Brazzaville, July 2013 (Nerea Ruiz de Azua)

Forêt galerie dense le long de la rivière Noumbi, Parc National de Conkouati-Douli, Congo-Brazzaville, juillet 2013 (Nerea Ruiz de Azua)

Figure 3. Small clearings created or maintained by elephants provide habitat patches for a number of bird species; Noumbi River, Conkouati-Douli National Park, Congo-Brazzaville, July 2013 (Nerea Ruiz de Azua)

Les petites clairières, créées ou maintenues par les éléphants, offrent un habitat favorable à de nombreuses espèces d'oiseaux ; rivière Noumbi, Parc National de Conkouati-Douli, Congo-Brazzaville, juillet 2013 (Nerea Ruiz de Azua) **Figure 4.** Adult male Black-headed Bee-eater *Merops breweri*, Noumbi River, Conkouati-Douli National Park, Congo-Brazzaville, July 2013 (Nerea Ruiz de Azua)

Guêpier à tête noire *Merops breweri*, mâle adulte, rivière Noumbi, Parc National de Conkouati-Douli, Congo-Brazzaville, juillet 2013 (Nerea Ruiz de Azua)

Figure 5. Adult Banded Prinia *Prinia bairdii*, Noumbi River, Conkouati-Douli National Park, Congo-Brazzaville, July 2013 (Nerea Ruiz de Azua)

Prinia rayée *Prinia bairdii*, adulte, rivière Noumbi, Parc National de Conkouati-Douli, Congo-Brazzaville, juillet 2013 (Nerea Ruiz de Azua)

Birds were mainly identified visually, using Borrow & Demey (2001, 2010). Occasionally, photographs of individual birds were taken, the identification subsequently being confirmed with the aid of online image databases (http://www. africanbirdclub.org/afbid/; http://ibc.lynxeds. com/). We did not rely on vocalisations alone for identification.

Results and Discussion

We recorded 78 species, of which eight are additions to the avifauna of CDNP and 50 (64%) are restricted to the Guinea-Congo Forests biome. All of these are shown in Appendix 1, with the complete (previously unpublished) checklist for CDNP prepared by F. Dowsett-Lemaire (*in litt*. 2016) and two recent updates (see below).

Grey Parrot Psittacus erithacus (classified as Vulnerable) was fairly abundant in gallery forest, where a communal roost of c.100 individuals was located. During the daytime the flocks dispersed into the forest, where the species' presence was much less apparent. The population of this parrot in Congo-Brazzaville might be stable, although local declines attributed to trapping activities have been reported here (Martin et al. 2014) and in neighbouring countries (Hart et al. 2016). Hartlaub's Duck Pteronetta hartlaubii was irregularly encountered; this species, which was previously considered Near Threatened (Stattersfield & Capper 2000), has been downgraded to Least Concern due to its large range and estimated global population size above the criterion threshold, although major declines have been reported in West Africa (BirdLife International 2016). Rosy Bee-eater Merops malimbicus was observed once: a group of ten in flight over the river on 17 July. Maisels & Cruickshank (2000) discovered a colony of 1,000–1,500 birds in the coastal sector of CDNP. Although the species is not classified as globally threatened at present, the distribution of its breeding colonies and its conservation status are poorly known (Fry & Kirwan 2016) and better knowledge may lead to its reclassification. Several Banded Prinias Prinia bairdii (Fig. 5) were observed at small clearings created by elephants in the forest-river contact strip, on 23-24 July. The species was apparently not known previously from CDNP and distribution maps show a small gap in

south-west Congo-Brazzaville and coastal southeast Gabon (e.g. Borrow & Demey 2014).

Dowsett-Lemaire (2001) reviewed the available data and compiled a list of 288 species, based almost entirely on the survey by Cruickshank (c.1997), who identified c.265 species. Additional species were taken from Hecketsweiler & Mokoko Ikonga (1991) and Doumenge (1992), who produced much shorter lists with a higher proportion of errors (Dowsett-Lemaire *in litt*. 2016). Since then, two additions have been published (Marsh Sandpiper *Tringa stagnatilis*: Rainey *et al.* 2009; Great White Pelican *Pelecanus onocrotalus*: N. Honig in *Bull. ABC* 20: 97). The results of our brief and local survey suggest that the CDNP bird list is still far from complete, and that the park deserves more extensive field efforts.

Acknowledgements

Françoise Dowsett-Lemaire kindly made her unpublished checklist for CDNP available to us. Comments by Ron Demey, Françoise Dowsett-Lemaire, Bruno Portier and Hugo Rainey greatly improved the draft. Invaluable help was received from the staff of the Jane Goodall Institute in Congo-Brazzaville, with special thanks to Debby Cox, Noel Kiyindou, Fernando Turmo and Miles Woodruff. Laura Mari and Eduard Sanz were excellent teammates during the field work.

References

- Angehr, G. R., Schmidt, B. K., Njie, F. & Gebhard, C. 2005. Significant records and annotated site lists from bird surveys in the Gamba Complex, Gabon. *Malimbus* 27: 53–76.
- BirdLife International. 2016. IUCN Red List for birds. www.birdlife.org (accessed November 2016).
- Borrow, N. & Demey, R. 2001. *Birds of Western Africa*. London, UK: Christopher Helm.
- Borrow, N. & Demey, R. 2010. Field Guide to the Birds of Western Africa. London, UK: Christopher Helm.
- Borrow, N. & Demey, R. 2014. Birds of Western Africa. Second edn. London, UK: Christopher Helm.
- Bulens, P. & Dowsett, R. J. 2001. Little-known African bird: observations on Loango Slender-billed Weaver *Ploceus subpersonatus* in Congo-Brazzaville. *Bull. ABC* 8: 57–58.
- Cruickshank, A. c.1997. UICN project Conkouati. Etude ornithologique. Unpubl. rep.
- Devers, D. & Vande weghe, J. P. (eds.) 2006. *The Forests of the Congo Basin. State of the Forest 2006.* Yaoundé: The Congo Basin Forest Partnership.

- Doumenge, C. 1992. Diversité faunistique et peuplement animal. In Doumenge, C. (ed.) *La Réserve de Conkouati: Congo. Le secteur sud-ouest.* Gland: UICN.
- Dowsett, R. J., Atkinson, P. W. & Caddick, J. A. 2016. Checklist of the birds of Congo (Brazzaville). www. africanbirdclub.org (accessed November 2016).
- Dowsett-Lemaire, F. 2001. Congo. In Fishpool, L. D. C. & Evans, M. I. (eds.) *Important Bird Areas in Africa and Associated Islands: Priority Sites for Conservation*. Newbury: Pisces Publications & Cambridge, UK: BirdLife International.
- Dowsett-Lemaire, F. & Dowsett, R. J. 1989. Liste commentée des oiseaux de la forêt du Mayombe (Congo). *Tauraco Res. Rep.* 2: 5–16.
- Dowsett-Lemaire, F. & Dowsett, R. J. 1991. The avifauna of the Kouilou basin in Congo. *Tauraco Res. Rep.* 4: 189–239.
- Dowsett-Lemaire, F., Dowsett, R. J. & Bulens, P. 1993. Additions and corrections to the avifauna of Congo. *Malimbus* 15: 68–80.
- Fry, C. H. & Kirwan, G. M. 2016. Rosy Bee-eater (*Merops malimbicus*). In del Hoyo, J., Elliott, A., Sargatal, J., Christie, D. A. & de Juana, E. (eds.) *Handbook of the Birds of the World Alive*. Barcelona: Lynx Edicions. www.hbw.com/node/55851 (accessed November 2016).
- Hart, J., Hart, T., Salumu, L., Bernard, A., Abani, R & Martin, R. 2016. Increasing exploitation of grey parrots in eastern DRC drives population declines. *Oryx* 50: 16.
- Heath, M. (ed.) 2002. Important Bird Areas and Potential Ramsar Sites in Africa. Cambridge, UK: BirdLife International.
- Hecketsweiler, P. & Mokoko Ikonga, J. 1991. La Réserve de Conkouati: Congo. Le secteur sud-est. Gland: UICN.
- Maisels, F. & Cruickshank, A. J. 2000. New breeding records of African River Martin *Pseudochelidon eurystomina* and Rosy Bee-eater *Merops malimbicus*

in Conkouati Reserve, Republic of Congo. *Bull. ABC* 7: 48–49.

- Martin, R. O., Perrin, M. R., Boyes, R. S., Abebe, Y. D., Annorbah, N. D., Asamoah, A., Bizimana, D., Bobo, K. S., Bunbury, N., Brouwer, J., Diop, M. S., Ewnetu, M., Fotso, R. C., Garteh, J., Hall, P., Holbech, L. H., Madindou, I. R., Maisels, F., Mokoko Ikonga, J., Mulwa, R., Reuleaux, A., Symes, C., Tamungang, S., Taylor, S., Valle, S., Waltert, M. & Wondafrash, M. 2014. Research and conservation of the larger parrots of Africa and Madagascar: a review of knowledge gaps and opportunities. *Ostrich* 85: 205–233.
- Mokoko Ikonga, J. 2007. Formation sur la grippe aviaire et le dénombrement des oiseaux d'eau à l'attention des assistants de recherche du Parc National de Conkouati Douli et de la Réserve Communautaire du Lac Télé. Unpubl. rep.
- Rainey, H. J., Mokoko Ikonga, J., Vernond, R. & King, T. 2009. Additions to the avifauna of Congo-Brazzaville. *Bull. ABC* 16: 53–60.
- Stattersfield, A. J. & Capper, D. R. 2000. *Threatened Birds of the World*. Barcelona: Lynx Edicions & Cambridge, UK: BirdLife International.
- Wieland, M. L. 2008. Wildlife conservation in social, economic and ecological contexts: multiple stakeholders and extraordinary resource value in a Congolese national park. Ph.D. thesis. Saint Paul: University of Minnesota.
- Wilson, M. 2012. Report of the Birds of Tchimpounga Nature Reserve. Unpubl. rep.

^a 60 Donostia-San Sebastián st. 01010 Vitoria, Spain. E-mail: elcorralin@yahoo.es

^b The Jane Goodall Institute, Tchimpounga Primate Rehabilitation Sanctuary, Pointe-Noire, Republic of Congo.

Received 4 July 2015; revision accepted 23 November 2016.

Appendix 1. Bird species recorded in Conkouati-Douli National Park, Congo-Brazzaville.

(Dowsett-Lemaire 2001 and in litt. 2016, with a few additions from Rainey et al. 2009, Honig in Bull. ABC 20: 97 and this study).

Species recorded along the Noumbi River in July 2013 have a coded encounter rate; additions to the list are denoted *.

Sequence and taxonomy generally follow Dowsett et al. (2016), with a few amendments (cf. Borrow & Demey 2014).

Status in Congo-Brazzaville (Dowsett *et al.* 2016): R = resident; B = breeding confirmed; M = intra-African migrant; P = breeds in Palearctic; W = winters (non-breeding season); V = vagrant.

IUCN threat status (BirdLife International 2016): VU = Vulnerable; NT = Near Threatened; DD = Data Deficient.

Biome: GC = restricted to the Guinea-Congo Forests biome (Dowsett-Lemaire 2001).

Encounter rate: c = common or fairly common (encountered several times per day or on most days); u = uncommon (irregularly encountered); r = rare (rarely encountered).

Annexe 1. Espèces d'oiseaux observées au Parc National de Conkouati-Douli, Congo-Brazzaville.

(Dowsett-Lemaire 2001 et in litt. 2016, avec quelques ajouts de Rainey et al. 2009, Honig in Bull. ABC 20: 97 et cette étude).

Les espèces observées sur la rivière Noumbi en juillet 2013 ont un taux de rencontre codé ; les additions à la liste sont marquées d'un *.

L'ordre et la taxonomie suivent en général Dowsett et al. (2016), avec quelques changements (cf. Borrow & Demey 2014).

Statut au Congo-Brazzaville (Dowsett et al. 2016) : R = résident ; B = reproduction confirmée ; M = migrateur intra-africain ; P = espèce nichant dans la région paléarctique ; W = hivernant (en dehors de la saison de reproduction) ; V = espèce occasionnelle.

Statut de conservation UICN (BirdLife International 2016) : VU = Vulnérable ; NT = Quasi menacé ; DD = Données insuffisantes.

Biome : GC = confiné au biome des forêts guinéo-congolaises (Dowsett-Lemaire 2001).

Taux de rencontre : c = commune ou assez commune (notée quotidiennement ou presque) ; u = peu fréquent (irrégulièrement notée) ; r = rare (rarement notée).

		Status in Congo- Brazzaville	IUCN	Biome	Encounter rate			Status in Congo- Brazzaville	IUCN	Biome	Encounter rate
PODICIPEDIDAE						Palm-nut Vulture	Gypohierax angolensis	RB			С
Little Grebe	Tachybaptus ruficollis	RB			U	Black-breasted Snake Eagle	Circaetus pectoralis	R			
PELECANIDAE						Congo Serpent Eagle	Dryotriorchis spectabilis	RB		GC	
Great White Pelican	Pelecanus onocrotalus	Μ				African Harrier Hawk	Polyboroides typus	R			С
PHALACROCORACIDAE						African Goshawk	Accipiter tachiro toussenelli	R			
Long-tailed Cormorant	Microcarbo africanus	R				Red-thighed Sparrowhawk	Accipiter erythropus	R		GC	
ANHINGIDAE						Black Sparrowhawk	Accipiter melanoleucus	R			U
African Darter	Anhinga rufa	R				Long-tailed Hawk	Urotriorchis macrourus	RB			
ARDEIDAE						Red-necked Buzzard	Buteo auguralis	RB			
White-crested Tiger Heron	Tigriornis leucolopha	RB		GC		Cassin's Hawk Eagle	Aquila africana	R			
Squacco Heron	Ardeola ralloides	R/PW				Crowned Eagle	Stephanoaetus coronatus	RB	NT		
Cattle Egret	Bubulcus ibis	RB				NUMIDIDAE					
Little Egret	Egretta garzetta	R/PW				Black Guineafowl	Agelastes niger	R		GC	
Grey Heron	Ardea cinerea	R				Helmeted Guineafowl	Numida meleagris	R			
Black-headed Heron	Ardea melanocephala	RB				PHASIANIDAE					
Goliath Heron	Ardea goliath	R				Latham's Forest Francolin	Peliperdix lathami	RB		GC	
Purple Heron	Ardea purpurea	R/P				Scaly Francolin	Pternistis squamatus	R			
Great Egret	Ardea alba	R/PW				TURNICIDAE					
SCOPIDAE						Common Buttonquail	Turnix sylvaticus	R			
Hamerkop	Scopus umbretta	RB			u	Black-rumped Buttonquail	Turnix hottentottus	М			
CICONIIDAE						RALLIDAE					
African Openbill	Anastomus lamelligerus	М				*Nkulengu Rail	Himantornis haematopus	R		GC	r
Woolly-necked Stork	Ciconia episcopus	R				Black Crake	Amaurornis flavirostra	RB			u
THRESKIORNITHIDAE						SAROTHRURIDAE					
Hadada Ibis	Bostrychia hagedash	R				White-spotted Flufftail	Sarothrura pulchra	R		GC	
ANATIDAE	-					HELIORNITHIDAE					
Hartlaub's Duck	Pteronetta hartlaubii	R		GC	u	African Finfoot	Podica senegalensis	RB			u
African Pygmy Goose	Nettapus auritus	R				OTIDIDAE					
PANDIONIDAE						Black-bellied Bustard	Lissotis melanogaster	RB			
Osprey	Pandion haliaetus	Р				JACANIDAE					
ACCIPITRIDAE						African Jacana	Actophilornis africanus	RB			
Bat Hawk	Macheiramphus alcinus	R				BURHINIDAE					
Black-shouldered Kite	Elanus caeruleus	R				Water Thick-knee	Burhinus vermiculatus	R			
Yellow-billed Kite	Milvus migrans parasitus	MB				GLAREOLIDAE					
African Fish Eagle	Haliaeetus vocifer	RB			r	Temminck's Courser	Cursorius temminckii	R			

CHARADRIIDAE	D
Grey Plover	Pluvialis squata
white-headed Lapwing	Vanellus albicep
Senegal Lapwing	Vanellus lugubri
SCOLOPACIDAE	0 " 1 " "
Sanderling	Calidris alba
Bar-tailed Godwit	Limosa lapponio
Whimbrel	Numenius phae
Eurasian Curlew	Numenius arqua
Common Greenshank	Tringa nebularia
Marsh Sandpiper	Tringa stagnatili
Common Sandpiper	Actitis hypoleuc
Ruddy Turnstone	Arenaria interpre
LARIDAE	
Lesser Black-backed Gull	Larus fuscus
Royal Tern	Thalasseus may
Common Tern	Sterna hirundo
Little Tern	Sternula albifror
COLUMBIDAE	
African Green Pigeon	Treron calvus
, Blue-headed Wood Dove	Turtur brehmeri
Blue-spotted Wood Dove	Turtur afer
Tambourine Dove	Turtur tympanis
Western Bronze-naped Pigeon	Columba iriditor
Afep Pigeon	Columba unicin
Red-eyed Dove	Streptopelia ser
PSITTACIDAE	
Grey Parrot	Psittacus erithad
*Red-fronted Parrot	Poicephalus gui
Red-headed Lovebird	Agapornis pulla
MUSOPHAGIDAE	
Great Blue Turaco	Corythaeola cris
Green Turaco	Tauraco persa
Yellow-billed Turaco	Tauraco macror
CUCULIDAE	
Jacobin Cuckoo	Clamator jacobi
Thick-billed Cuckoo	Pachycoccyx au
Red-chested Cuckoo	Cuculus solitari
Black Cuckoo	Cuculus clamos
Olive Long-tailed Cuckoo	Cercococcvx oli
Yellow-throated Cuckoo	Chrysococcvx fi
Klaas's Cuckoo	Chrysococcyx k
African Emerald Cuckoo	Chrysococcyx c
Dideric Cuckoo	Chrysococcyx c
Yellowbill	Ceuthmochares

Status in Congo-Brazzaville IUCN Biome Encounter rate

quatarola	Ρ			
lbiceps	RB			
ıgubris	MB			u
ba	Ρ			
oponica	Ρ			
phaeopus	Ρ			
arquata	Р	NT		
oularia	Ρ			
gnatilis	Ρ			
oleucos	PW			
nterpres	Р			
cus	Р	*		
is maximus	R			
undo	Р			
lbifrons	M			
	חח			
VUS han e ni	RB		00	u
nmeri	RB		GC	u
	RB			u
panistria	KR		~~~	
riditorques	R		GC	
unicincta	R		GC	С
la semitorquata	RB			
erithacus	RB	VU	GC	С
us gulielmi	RB			u
pullarius	R			
ola cristata	R			
ersa	R		GC	u
nacrorhynchus	R		GC	u
iacobinus	V			
cvx audeberti	R			
olitarius	MB			
lamosus	MB			
cvx olivinus	RB		GC	
ccvx flavigularis	R		GC	
ccvx klaas	RB			
ccvx cupreus	R			
ccvx caprius	М			
chares aereus	R			C
				0

Gabon Coucal
Black Coucal
Senegal Coucal
STRIGIDAE
Spotted Eagle Owl
Vermiculated Fishing Owl
African Wood Owl
Sjöstedt's Owlet
Marsh Owl
CAPRIMULGIDAE
Bates's Nightjar
Swamp Nightjar
Square-tailed Nightjar
Fiery-necked Nightjar
Pennant-winged Nightjar
APODIDAE
Sabine's Spinetail
Cassin's Spinetail
African Palm Swift
Common Swift
Little Swift
COLIIDAE
Speckled Mousebird
TROGONIDAE
Narina's Trogon
Bare-cheeked Trogon
ALCEDINIDAE
Chocolate-backed Kingfisher
Woodland Kingfisher
Blue-breasted Kingfisher
Striped Kingfisher
African Pygmy Kingfisher
White-bellied Kingfisher
Malachite Kingfisher
Shining-blue Kingfisher
Giant Kingfisher
Pied Kingfisher
MEROPIDAE
Black-headed Bee-eater
Black Bee-eater
Little Bee-eater
White-fronted Bee-eater
Blue-breasted Bee-eater
Rosy Bee-eater

	Status in Congo- Brazzaville	IUCN	Biome	Encounter rate
Centropus anselli	R		GC	u
Centropus grillii	RB			
Centropus senegalensis	RB			
Bubo africanus	R			
Scotopelia bouvieri	RB		GC	
Strix woodfordii	R			
Glaucidium sjöstedti	R		GC	
Asio capensis	М			
Caprimulgus batesi	RB		GC	
Caprimulgus natalensis	RB			
Caprimulgus fossii	RB			
Caprimulgus pectoralis	R			
Caprimulgus vexillarius	М			
Rhaphidura sabini	R		GC	
Neafrapus cassini	R		GC	С
Cypsiurus parvus	RB			
Apus apus	PW			
Apus affinis	RB			
Colius striatus	RB			
Apaloderma narina	R			
Apaloderma aequatoriale	R		GC	
Halcyon badia	R		GC	u
Halcyon senegalensis	М			
Halcyon malimbica	R			
Halcyon chelicuti	R			
Ispidina picta	MB			
Corythornis leucogaster	RB		GC	
Corythornis cristatus	RB			
Alcedo quadribrachys	RB			С
Megaceryle maxima	RB			U
Ceryle rudis	R			
Merops breweri	RB		GC	С
Merops gularis	RB		GC	С
Merops pusillus	R			
Merops bullockoides	RB			
Merops variegatus	RB			u
Merops malimbicus	RB		GC	r

Status in Congo-Brazzaville IUCN Biome Encounter rate

CORACIIDAE

- INDICATORI

CORACIDAE					
Blue-throated Roller	Eurystomus gularis	RB		GC	С
Broad-billed Roller	Eurystomus glaucurus	М			
UPUPIDAE					
Ноорое	Upupa epops	R			
BUCEROTIDAE					
Black Dwarf Hornbill	Horizocerus hartlaubi	RB		GC	U
White-crested Hornbill	Horizocerus albocristatus	RB		GC	
Red-billed Dwarf Hornbill	Tockus camurus	R		GC	
African Pied Hornbill	Tockus fasciatus	RB		GC	С
Piping Hornbill	Bycanistes fistulator	R		GC	
White-thighed Hornbill	Bycanistes albotibialis	R		GC	
Black-casqued Hornbill	Ceratogymna atrata	RB		GC	С
RAMPHASTIDAE					
Bristle-nosed Barbet	Gymnobucco peli	RB		GC	
Naked-faced Barbet	Gymnobucco calvus	RB		GC	
*Speckled Tinkerbird	Pogoniulus scolopaceus	RB		GC	u
Red-rumped Tinkerbird	Pogoniulus atroflavus	R		GC	
Yellow-throated Tinkerbird	Pogoniulus subsulphureus	RB		GC	
Yellow-rumped Tinkerbird	Pogoniulus bilineatus	RB			
Yellow-spotted Barbet	Buccanodon duchaillui	R		GC	
*Hairy-breasted Barbet	Tricholaema hirsuta	R		GC	u
Black-backed Barbet	Pogonornis minor	R			
Yellow-billed Barbet	Trachylaemus purpuratus	RB		GC	
INDICATORIDAE					
Lyre-tailed Honeyguide	Melichneutes robustus	R		GC	
PICIDAE					
Green-backed Woodpecker	Campethera cailliautii	R			u
Brown-eared Woodpecker	Campethera caroli	RB		GC	
Cardinal Woodpecker	Dendropicos fuscescens	R			
Yellow-crested Woodpecker	Chloropicus xantholophus	RB		GC	
EURYLAIMIDAE					
Rufous-sided Broadbill	Smithornis rufolateralis	R		GC	
ALAUDIDAE					
Flappet Lark	Mirafra rufocinnamomea	RB			
HIRUNDINIDAE					
African River Martin	Pseudochelidon eurystomina	MB	DD	GC	
Banded Martin	Neophedina cincta	MB			
Grey-rumped Swallow	Pseudhirundo griseopyga	R			
Lesser Striped Swallow	Cecropis abyssinica	RB			
Red-breasted Swallow	Cecropis semirufa	MB			
Mosque Swallow	Cecropis senegalensis	R			
White-throated Blue Swallow	Hirundo nigrita	RB		GC	С
Barn Swallow	Hirundo rustica	Ρ			
Square-tailed Saw-wing	Psalidoprocne nitens	RB		GC	u

Black Saw-wing	Psalidoprocne p
MOTACILLIDAE	
Mountain Wagtail	Motacilla clara
Long-legged Pipit	Anthus pallidive
Yellow-throated Longclaw	Macronyx croce
CAMPEPHAGIDAE	
Petit's Cuckooshrike	Campephaga p
Blue Cuckooshrike	Coracina azure
PYCNONOTIDAE	
Little Greenbul	Eurillas virens
Little Grey Greenbul	Eurillas gracilis
Cameroon Sombre Greenbul	Eurillas curviros
Yellow-whiskered Greenbul	Eurillas latirostr
Slender-billed Greenbul	Stelgidillas grad
Golden Greenbul	Calyptocichla se
Honeyguide Greenbul	Baepogon indic
Spotted Greenbul	Ixonotus guttatu
Simple Greenbul	Chlorocichla sin
Yellow-throated Leaflove	Chlorocichla fla
Swamp Palm Bulbul	Thescelocichla
Leaflove	Pyrrhurus scan
Icterine Greenbul	Phyllastrephus
Red-tailed Bristlebill	Bleda syndactyl
Lesser Bristlebill	Bleda notatus
Eastern Bearded Greenbul	Criniger chloron
White-bearded Greenbul	Criniger ndussu
Red-tailed Greenbul	Criniger calurus
Common Bulbul	Pycnonotus bar
Black-collared Bulbul	Neolestes torqu
NICATORIDAE	
Western Nicator	Nicator chloris
Yellow-throated Nicator	Nicator vireo
TURDIDAE	
Red-tailed Ant Thrush	Neocossyphus
White-tailed Ant Thrush	Neocossyphus
Rufous Flycatcher Thrush	Stizorhina frase
African Thrush	Turdus pelios
CISTICOLIDAE	
Red-faced Cisticola	Cisticola erythro
Winding Cisticola	Cisticola galacto
Croaking Cisticola	Cisticola nataler
Short-winged Cisticola	Cisticola brachv
Zitting Cisticola	Cisticola juncidi
Tawny-flanked Prinia	Prinia subflava
*Banded Prinia	Prinia bairdii

	Status in Co Brazzaville	IUCN	Biome	Encounter ra
Psalidoprocne pristoptera	RB			u
Motacilla clara	R			
Anthus pallidiventris	RB		GC	
Macronyx croceus	RB			
Campephaga petiti	R		GC	
Coracina azurea	R		GC	С
Eurillas virens	RB			
Eurillas gracilis	RB		GC	U
Eurillas curvirostris	R		GC	u
Eurillas latirostris	RB			
Stelgidillas gracilirostris	RB			
Calyptocichla serinus	R		GC	u
Baepogon indicator	RB		GC	
Ixonotus guttatus	R		GC	С
Chlorocichla simplex	RB		GC	
Chlorocichla flavicollis	RB			
Thescelocichla leucopleura	RB		GC	u
Pyrrhurus scandens	RB		GC	
Phyllastrephus icterinus	RB		GC	
Bleda syndactylus	RB		· GC	U
Bleda notatus	RB		GC	
Criniger chloronotus	RB		GC	
Criniger ndussumensis	RB		GC	
Criniger calurus	RB		GC	U
Pycnonotus barbatus	RB			
Neolestes torquatus	RB			
Nicator chloris	RB		GC	U
Nicator vireo	RB		GC	
Neocossyphus rufus	RB			
Neocossyphus poensis	R		GC	
Stizorhina fraseri	RB		GC	
Turdus pelios	RB			
Cisticola erythrops	R			
Cisticola galactotes	RB			
Cisticola natalensis	RB			
Cisticola brachypterus	RB			
Cisticola juncidis	RB			

RB

R

С

-obu

ate

Ninkerdning Schtstabis kurzoporo RB Corr Biell-mana Baie, Anales utiguians RB Corr Buil-mana Kanis Anaie utiguians RB GC Neural Subility Baie utiguians RB GC One-green Carmanptera Carmanptere abronnia RB GC Nousa-bronn Suntid Antreptes gubonicas RB GC MacROSPELMONE Carmanptere abronnia RB GC Nousa-bronn Suntid Antreptes gubonicas RB GC Gene Contrac Sylvate uriens RB GC Carmanptere abronnia RB GC Gene Contrac Sylvate uriens RB GC Gene Storing Anadethes quantidas RB GC MacROSPELMONE PM I G Gene-hased Studied Quannetha quantidas RB GC Gene-hased Studied Quantidas quantidas RB GC G			Status in Congo- Brazzaville	IUCN	Biome	Encounter rate			Status in Congo- Brazzaville	IUCN	Biome	Encounter rate
Bulfenotated Apails Anals indigularis RB GC NECTARINIDAE Greyback Caranophra Contragthma indrayue RB GC Moles Agenes Caranophra Contragthma indrayue RB GC Veloba-browd Caranophra Contragthma indrayue RB GC Veloba-browd Caranophra Contragthma indrayue RB GC Veloba-browd Caranophra Contragthma indrayue RB GC Seen Fornthoc Sylviettry vierse RB GC Reinterbachts Subind Anthreytes indrayse RB GC Seen formthoc Phylosoppus totahis PW RB GC Reinterbachts Subind Contragthma indrayse RB GC Veloba-browd Mather Phylosoppus totahis PW GE Contragthma indrayse RB GC SCOTOCECPIDAE Sylvietors Phylosoppus totahis RB GC Contragthma indrayse RB GC SYLVIDAE Timp Surial Contragthma indrayse RB GC LANISOCAPDAE RB GC Sylviet	White-chinned Prinia	Schistolais leucopogon	RB				Western Black-headed Batis	Batis erlangeri	RB			
Gray-Acade Camaraptice interview RS C Faser's Surbird Defeore faser RS C Olle-gene Camaraptere Camaraptere superclaire R GC Walkehows Surbird Authregtes galaxitus R GC Velokubrused Camaraptere superclaire R GC Velokubrused Camaraptere superclaire R GC Green Contract Sylvelfa vients RS GC V Calleard Surbird Authregtes galaxitus RS GC Green Contract Sylvelfa vients RS GC V Calleard Surbird Authority enclaires RS GC Willow Warber Phyloscopus challin PW V V Bile-finities Surbird Calceard Markathines RS GC Contract Marter Phyloscopus challin PW V V Calceard Surbird Calceard Markathines RS GC Contract Marter Phyloscopus challin Phyloscopus challin Calceard Markathines RS GC Contract Marter Phyloscopus challin RS GC	Buff-throated Apalis	Apalis rufogularis	RB		GC		NECTARINIIDAE	J				
Dive-green Camanoplers Camanoplers of Antropyce supercities R GC Mouse-brown Surbind Atthrepte support R GC Value viewes Camanoplers Camanoplers of Antropyce supercities R GC Value trianed Surbind Atthreptes reductors R8 GC Gren Cambe Sylverta views R8 GC Resenable Surbind Atthreptes reductors R8 GC Gren Cambe Sylverta views R8 GC Resenable Surbind Atthreptes reductors R8 GC VMOU Water Phylitoscopus structure RV Bib-Intrased Surbind Cyanomita varonzale R8 GC SCOTOCECIDAE Control structure R8 GC Camelle Surbind Chalcometa Autornzale R8 GC Structure Sylverta views R8 GC Camelle Surbind Chalcometa Autornzale R8 GC Structure Sylverta views R8 GC Lamise Surbind Chalcometa Autornzale R8 GC Structure Sylverta views R8 GC Lamise S	Grey-backed Camaroptera	Camaroptera brachyura	RB				Fraser's Sunbird	Deleornis fraseri	RB		GC	
Yellow-browed Camanoptiona Camanoptiona R GCC VioletSaled Surbird Axthoppies aurantue R3 GC Green Combec Sylwarts visens R8 GC Gallared Surbird Antoppies aurantue R8 GC Green Combec Sylwarts visens R8 GC Ratchmabne Surbird Avainables scienced R8 GC PIVLLOSCOPIDAE Final Antoppies Surbird Operantire 3 producem R8 GC SCOTOCERCIDAE Final Antoppies Surbird Operantire 3 producem R8 GC SCOTOCERCIDAE Green-Invoided Surbird Operantire 3 producem R8 GC SCOTOCERCIDAE Trans Surbird Charomitre 3 producem R8 GC SCOTOCERCIDAE Trans Surbird Charomitre 3 producem R8 GC STUNIDAE Final Surbird Charomitre 3 producem R8 GC STUNIDAE Final Surbird Charomitre 3 producem R8 GC STUNIDAE Antipo Surbird Charomitre 3 producem R8 GC STUNIDAE Anti	Olive-green Camaroptera	Camaroptera chloronota	RB		GC		Mouse-brown Sunbird	Anthreptes gabonicus	R		GC	
MACROSPHENDAE Green Surbrid Attheptes rectineations RB GC Green Combac Sylveitar weres RB GC Calabal Surbrid Heigdprin 201ks RB GC Grey Longbil Macrosphenus concols RB GC Genenhaedd Surbrid Grandrin andreamine RB GC Willow Warber Phyloscopus borblus PW C Bue-Intraded Broin Surbrid Grandrin andreamine RB GC Wold Warber Phyloscopus borblus PW C Bue-Intraded Broin Surbrid Grandrin andreamine RB GC SOUTOCECUDAE Contrade Machen Anthourse post and thing the surbrid Cristerina Antheorants RB GC SULVIDAE T Copper Surbrid Cringris surbrid Cringris surbrid RB GC SULVIDAE Surbrid castanna RB GC Lamus calaris	Yellow-browed Camaroptera	Camaroptera superciliaris	R		GC		Violet-tailed Sunbird	Anthreptes aurantius	RB		GC	
Green Comblec Sylveitar views RB GC u Calarad Subiri Hedydora colaris RB GC Grey Inophil Macrosphenos concolor RB GC Richenbach's Stabilid Analadimor sectenbaliziti RB GC PMYLLOSCOPIDAE Freenhesided Statitid Cynamitre verticals RB GC Wood Wather Phyloscopus stabiliziti PW Image: Statistid Cynamitre verticals RB GC CortoCERCIDAE Freenhraded Statistid Cynamitre verticals RB GC Camelia Statistid Chicamitre hadescops RB GC CortoCERCIDAE Freenhraded Statistid Contexmitre hadescops RB GC Camelia Statistid Chicamitre hadescops RB GC StruttoDE Try Subidid Chicamitre hadescops RB GC Lamitre Graphylicities RB GC MUSCICAPIDAE Struttoria RB GC Lamitre Camelia Lamitre Camelia RB GC Image: Struttoria RB GC Lamitre Camelia Lamitre Camelia RB GC Image: Struttoria RB GC Image: Struttoria RB GC GC Lamitre Camelia RB GC GC Lamitre Camelia Lamitre Camelia <	MACROSPHENIDAE						Green Sunbird	Anthreptes rectirostris	RB		GC	
Girey Longbill Macrosphenus concolor RB GC Reichenbachs Sunbind Anstahtms reichenbacht RB u Willow Warbler Phyloscopus trochlus PW Bleichenbachts Sunbind Cyanontra varinelism RB u Willow Warbler Phyloscopus stahtarv PW E Bleichenbachts Sunbind Cyanontra varinelism RB GC u SCOTOCERCIDAE Green-throaded Sunbind Chacomtra fundensa RB GC u Strate Applet Flycather Entythoneerus mocali RB GC u Oline-Suntind Onigonsa RB GC u Strate Applet Flycather Entythoneerus mocali RB GC u Oline-Bunkind Marssa RB GC u Strate Applet Flycather Sylva born PW Coper Suntind Cinnyris minutuu R GC u Muls Cole Applet Alethe Sylva born PW Coper Suntind Cinnyris minutuu R GC u Muls Cole Applet Alethe Sylva born PW Coper Suntind Cinnyris minutuu R GC u Muls Cole Applet Alethe Season Sp	Green Crombec	Sylvietta virens	RB		GC	u	Collared Sunbird	Hedydipna collaris	RB			u
PHYLLOSCOPIDAE Carach-headed Sunbrid Cyanomita venticalis RB GC Willow Warbier Phylioscopus subilativ PW Bile-Innated Brown Sunbrid Cyanomita venticalis RB GC SCOTOCERCIDAE Green-headed Sunbrid Chacomita nubscense RB GC Chestinuli capped Flycatcher Eythonecrous mocaliti RB GC Carmelte Sunbrid Chacomita futginosa RB GC Chestinuli capped Flycatcher Eythonecrous mocaliti RB GC Carmelte Sunbrid Chacomita futginosa RB GC Structor Sylva borin RB GC Corper Subird Cinnyos superbus RB GC MUSCICAPIDAE Sylva borin RB GC MAIIDAE FB GC FB GC MUscicapa Subird Quiso control subordings RB GC Common Facial Larius collaris RB GC Mitericario Standard RB GC MAIIDAE Larius collaris RB GC Common Facial Larius co	Grey Longbill	Macrosphenus concolor	RB		GC		Reichenbach's Sunbird	Anabathmis reichenbachii	RB		GC	
Wilds Wateler Phyloscopus shillativn PW Image: Second Subblick Opanomitra cyanolaema RB GC u SCOTOCERCIDAE Functional Subblick Opanomitra cyanolaema RB GC u SCOTOCERCIDAE Functional Subblick Opanomitra cyanolaema RB GC u SCOTOCERCIDAE Functional Subblick Opanomitra cyanolaema RB GC u STUNIDAE Functional Subblick Opanomitra cyanolaema RB GC u STUNIDAE Syste barn Super Subblick Compris superbus RB GC u MUSCICAPIDAE Super Subblick Opanomis Superbus RB GC u Snowy-crowned Roth Ohat Opanomis entrotonova RB GC u LahildAE Lahild usinova RB GC u Snowy-crowned Roth Ohat Cossyste anivectabilia RB GC u Sablin's Pultback Dyoscopus sablin's RB GC u Snowy-crowned Roth Ohat Saxole forquatus RB GC u Sablin's Pultback Dyoscopus sablin's RB GC u Sody Chat Mymecodchia ngr	PHYLLOSCOPIDAE						Green-headed Sunbird	Cyanomitra verticalis	RB			u
Wood Wardler Phyloscopus shilativa PN V Genes-throated Surbird Cyanomitra olivaces RB GC Chesturit capped Flyatcher Erythrocercus mocalli RB GC Garnelite Surbird Chalconitra rubassens RB GC Green Hyla Hyla prasma RB GC Carmelite Surbird Cimorits rubussens RB GC SytUNDAE V Carper Surbird Cimorits rubussens RB GC MUSCCAPIDAE V Capper Surbird Cimorits superbus RB GC Free-created Alethe Alethe castanea RB GC ANIIDAE Lanius collaris RB GC Free-created Alethe Castorichnis Hucorophy RB GC ANIIDAE Lanius collaris RB GC ANIIDAE Free-created Alethe Castorichnis Hucorophy RB GC ANIIDAE Lanius collaris RB GC ANIIDAE Free-created Alethe Satorich fordatus RB GC MAILACONOTIDAE Lanius collaris RB GC	Willow Warbler	Phylloscopus trochilus	PW				Blue-throated Brown Sunbird	Cyanomitra cyanolaema	RB		GC	u
SCOTOCERCIDAE Visite Gener-Inhraded Sunkind Chalcomina nubescens R GC Chesinut-capped Flycalcher Erythrocercus mocall RB GC Carmelite Sunkind Chalcomina nubescens RB GC Green Hyla Hylar prisina RB GC Commolite Sunkind Cimpris nurellage RB GC SYLVIDAE Try Sunkind Cimpris nurellage RB GC Commolitie Sunkind Cimpris superbus RB GC MUSCICAPIDAE Try Sunkind Commol Scall Lanius collaris RB GC Fine-dresd Rath Roh Cessynha mueicapile RB GC Lanius Collaris Lanius collaris RB GC Forest Robin Sasynha mueicapile RB GC MALACONOTIDAE Lanius collaris R GC R Forest Robin Sasoncha trautation RB GC MALACONOTIDAE Lanius collaris R GC C Pale Flyatcher Rasonia pallicus RB GC Malachonotid Lanius incolor RB GC C Pale Flyatcher Rasonis pallicus RB G	Wood Warbler	Phylloscopus sibilatrix	PW				Olive Sunbird	Cyanomitra olivacea	RB			u
Cheshnul-capped Flycatcher Eythrocercus mocalli RB GC Carmelite Sunbird Chalcomitra fulginosa RB GC Green Hylia Hylia prasina RB , GC Ulve-belied Sunbird Cimryns chionopguus RB SYLUIDAE Tiny Sunbird Cimryns chionopguus RB GC Graden Warbler Sylvia borin PW Supert Sunbird Cimryns superluxes RB GC MUSCICAPDAE Common Fiscal Lanius collaris RB GC Sanow-comment Robin Chat Cosynpa nivelegula RB GC Common Fiscal Lanius collaris RB GC Sanow-comment Robin Chat Sanoh Incomis enythrohonas RB GC Multacomonte Automation R GC Common Fiscal Lanius collaris RB GC Multacomonte Automation RB GC Common Fiscal Lanius Collaris RB GC Common Fiscal Lanius Collaris RB GC Common Fiscal Lanius Collaris RB GC Common Fiscal Common Fiscal Common Fiscal Common Fiscal Sondia com	SCOTOCERCIDAE						Green-throated Sunbird	Chalcomitra rubescens	R		GC	
Green Hyina Hylia prasma RB , CC u Olive-balled Sunbind Cimryns chloropygius RB SYLVIDAE Tiny Sunbird Corper Sunbird Cimryns supervus RB CC Garden Warbier Sylvia bonn PW Super Sunbird Cimryns supervus RB CC Fire-crested Alethe Alethe castanea RB CC LANIDAE RB CC Snowp-crowned Robin Chat Cossypha nivelcapila RB C LANIDAE RB CC Aluaus minor P Forest Robin Sighthromis engthrothorax RB GC MLACONOTIDAE Lasus minor P Forest Robin Sighthromis engthrothorax RB GC MLACONOTIDAE Dryoscopus sabini R GC C Sody Chat Myreocoichla nigre RB GC U Sabine's Puffach Dryoscopus sabini R R GC C Pale Flycatcher Faseria coreata RB GC U Sody Boutou Larianus bicolor R GC C Vihile-browed Forest Flycatcher Muscicapa sinfiscata	Chestnut-capped Flycatcher	Erythrocercus mccalli	RB		GC		Carmelite Sunbird	Chalcomitra fuliginosa	RB		GC	
SYLVIIDAE Tiny Subbrid Conpris minululs R GC Garden Warbler Sylvia borin PW Copper Sunbrid Cinnyris superbus RB GC MUSCICAPIDAE Superb Sunbrid Cinnyris superbus RB GC Fire-crested Alefhe Alefhe castanea RB GC Lanius collaris RB GC Sony-crowned Robin Chat Cossynba niveicapilla RB GC MALACONOTIDAE RB Constraints infrint R GC GC MALACONOTIDAE RB GC MALACONOTIDAE RB GC GC MALACONOTIDAE RB GC GC <td>Green Hylia</td> <td>Hylia prasina</td> <td>RB</td> <td></td> <td>GC</td> <td>u</td> <td>Olive-bellied Sunbird</td> <td>Cinnyris chloropygius</td> <td>RB</td> <td></td> <td></td> <td></td>	Green Hylia	Hylia prasina	RB		GC	u	Olive-bellied Sunbird	Cinnyris chloropygius	RB			
Garden Warbler Sylvia borin PW Copper Slubird Cimpris cupreus R8 MUSCICAPIDAE Superb Sunbird Cimron Fiscal Larius collaris R8 GC White-browed Scrub Robin Cercorrichas leucophyrs R8 GC Lesser Grey Shrike Larius collaris R8 S Snowy-crowned Robin Chat Cossypha niveicapilla R8 GC MALACONOTDAE R8 GC Solve Strike Larius collaris R8 GC GC Solve Strike Dryoscopus sabrin R GC GC Common Fiscal Larius collaris R8 GC Solve Shouldered Putfback Dryoscopus sabrin R GC C Solve Shouldered Putfback Dryoscopus	SYLVIIDAE						Tiny Sunbird	Cinnyris minullus	R		GC	
MUSCICAPIDAE Superb Sunbird Climyris superbus RB GC Fire-crested Alethe Alethe castanea RB GC LANIDAE RB Lanius collaris RB Sanuy-conved Robin Chat Cassynta nuiveicapilla RB Lesser Grey Shrike Lanius collaris RB FB Forest Robin Staphromis erythrathoraz RB GC MALACONOTIDAE Dryoscopus sabini R GC c Sody Chat Mymecociche ingra RB GC MALACONOTIDAE Dryoscopus sabini R GC c Sody Chat Mymecociche ingra RB u Black-shouldered Pufback Dryoscopus sabini R GC c Sody Chat Mymecociche ingra RB GC u Sody Bubou Laniarus leucorhynchus R GC u Pale Flycatcher Fraseria coreata RB GC u Sody Bubou Laniarus leucorhynchus R GC u Sodtef Flycatcher Fraseria coreata RB GC u Sody Bubou Laniarus leucorhynchus R GC u Sodtef Flycatcher Muscicapa striata RB GC u Sody Bubou Dronus rodestus<	Garden Warbler	Svlvia borin	PW				Copper Sunbird	Cinnyris cupreus	RB			
Free-rested Alethe Alethe castanea RB GC LANIIDAE White-browed Scub Robin Cercotrichas leucophys RB Common Fiscal Lanus collaris RB Snowy-crowned Robin Chat Cossypta niveicapilla RB Lesser Grey Shrike Lanus minor P Forest Robin Stiphtromis enthrothorax RB GC MALACONOTIDAE Lanus minor P African Stonechat Savicola torquatus R Sabine's Puffack Dryoscopus sabrin R GC c Pale Flycatcher Mardornis palidus RB u Black-rotwell Chagra Tribagra senegalus R GC c Pale Flycatcher Fraseria cinerascens RB GC u Soudy Boubou Laniarus leucorhynchus R GC c Spotted Flycatcher Muscicapa striata P VANGIDAE VanGIDAE C c C C Soudy Flycatcher Muscicapa attinus tell RB GC u Nordios aduitynchus RB GC C Vallow-bould Flycatcher Muscicapa attinus RB GC u N	MUSCICAPIDAE						Superb Sunbird	Cinnyris superbus	RB		GC	
White-browed Scrub Robin Certorichas leucophys RB Common Fiscal Lanius collaris RB Snowy-crowned Robin Chat Cossypha niveicapilla RB Lesser Grey Shrike Lanius minor P Forest Robin Subphromis erythrothorax RB GC MALACONOTIDAE Lesser Grey Shrike Dryoscopus sabnin R GC c African Stonechat Savioola torquatus R U Black-shouldeed Puffback Dryoscopus sabnin R GC c Sody Chat Myrmecocichia nigra RB U Black-shouldeed Puffback Dryoscopus senegalensis RB GC u Pale Flycatcher Fraseria correata RB GC u Sooty Boubou Laniarus bicolor R GC Systelf Flycatcher Muscicapa srinata P VANGIDAE VANGIDAE Vanciapa cassini R GC C Rufous-bellied Helmetshrike Prionps rufinertrix R GC GC R GC GC R GC C R GC C R GC C C R GC C C	Fire-crested Alethe	Alethe castanea	RB		GC	7	LANIIDAE					
Snowy-crowned Robin Chat Cossypha niveicapila RB Lesser Grey Shrike Lanius minor P Forest Robin Siphromis erythrothorax RB GC MALACONOTIDAE R GC c African Stonechat Saxicola torquatus R Sabine's Puffback Dryoscopus sabini R GC c C Sody Chat Myrmecocichla nigra RB u Black-shouldered Puffback Dryoscopus sabini R GC c C Pale Flycatcher Bradomis pallidus RB u Black-crowned Tchagra Tchagra senegalus R GC u Yelle-browed Forest Flycatcher Fraseria coreata RB GC u Sonamp Boubou Laniarius bicofor R GC u Spotted Flycatcher Muscicapa astriata P VANGIDAE VanGiDAE C	White-browed Scrub Robin	Cercotrichas leucophrvs	RB				Common Fiscal	Lanius collaris	RB			
Forest RobinStiphromis enythrothonaxRBGCMALACONOTIDAEAfrican StonechatSaxicola torquatusRSabiné S PuffbackDryoscopus sabiniRGCcSooty ChatMyrmecocichla nigraRBuBlack-shouldered PuffbackDryoscopus senegalensisRBGCuPale FlycatcherBraseria ocreataRBGCuSooty BoubouLaniarus leucorhynchusRGCGCWhite-browed Forest FlycatcherFraseria ocreataRBGCuSwamp BoubouLaniarus bicolorRGCSpotted FlycatcherMuscicapa striataPVANGIDAEVANGIDAECGCGCGCGCGCOlivaceous FlycatcherMuscicapa cassiniRBGCCRufous-bellied HelmetshrikePrionops rufiventrisRBGCGCSooty FlycatcherMuscicapa ainfuscataRBGCUWestern Black-headed OnioleOriolus brachyrhynchusRBGCGCVelow-boled FlycatcherMuscicapa sethsmithiRBGCUWestern Black-headed OnioleOriolus brachyrhynchusRBGCGCVelow-boled FlycatcherEminia longicaudaRVelve-thrantled DrongoDicrurus modestusRBGCGCGCMotaca Blue FlycatcherEminia longicaudaRVelve-thrantled DrongoDicrurus dripennisRBGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGC	Snowy-crowned Robin Chat	Cossvpha niveicapilla	RB				Lesser Grey Shrike	Lanius minor	Ρ			
African Stonechat Saxicola torquatus R Sabin's Pulfback Dryoscopus sabin' R GC c Sooty Chat Myrmecocichia nigra RB u Black-shouldered Puffback Dryoscopus senegalensis RB GC u Pale Flycatcher Braseria ocreata RB GC u Sooty Boubou Laniarus leucorhynchus R GC White-browed Forest Flycatcher Fraseria ocreata RB GC u Swamp Boubou Laniarus bicolor R GC Spotted Flycatcher Muscicapa striata P VANGIDAE VANGIDAE C GC RB GC u Swamp Boubou Laniarus bicolor R GC Sooty Flycatcher Muscicapa cassini RB GC u Waterbellied Helmetshrike Prionops rufiventris RB GC u Sooty Flycatcher Muscicapa infuscata RB GC u Welschematted Dronolo Oriolus brachyrhynchus RB GC u Vellow-booted Flycatcher Muscicapa sethsmithi RB GC u Netweinge Oriole Oriolus praiprennis RB GC u Stones Stringe Dirighten ruficheres RB GC u Netweinge Dinolus dighten	Forest Robin	Stiphrornis ervthrothorax	RB		GC		MALACONOTIDAE					
Sody ChatMymeocichla nigraRBuBlack-shouldered PullbackDroscopus senegalensisRBGCuPale FlycatcherBradomis pallidusRBBiak-crowned TchagraTchagra senegalusRGCGCFraser's Forest FlycatcherFraseria cinerascensRBGCGCSooty BoubouLaniarius bicolorRGCGCWhite-browed Forest FlycatcherFraseria cinerascensRBGCGCSwamp BoubouLaniarius bicolorRGCGCSpotted FlycatcherMuscicapa striataPVANGIDAEFraseria cinerascensRBGCGCGRIdus-bellied HelmetshrikePrinops rufiventrisRBGCOlivaceous FlycatcherMuscicapa cinuscataRBGCGCORIOLIDAEFGCGCSooty FlycatcherMuscicapa sethsmithiRBGCBlack-winged OrioleOriolus brachyrhynchusRBGCGCYellow-footed FlycatcherMuscicapa sethsmithiRBGCBlack-winged OrioleOriolus rigripennisRBGCGCYellow-footed FlycatcherMuscicapa sethsmithiRBGCCDICRURIDAEFGCGCGRGCGCGYellow-footed FlycatcherEmpisione rufoeinereaRBGCCCORVUDAERBGCGCGGGCGGCGGGGGGGGGGGGGGGGGGG <t< td=""><td>African Stonechat</td><td>Saxicola torquatus</td><td>R</td><td></td><td></td><td></td><td>Sabine's Puffback</td><td>Dryoscopus sabini</td><td>R</td><td></td><td>GC</td><td>С</td></t<>	African Stonechat	Saxicola torquatus	R				Sabine's Puffback	Dryoscopus sabini	R		GC	С
Pate Flycatcher Bradomis pallidus RB Black-crowned Tchagra Trhagra senegalus R Fraser's Forest Flycatcher Fraseria coreata RB GC u Sooty Boubou Laniarius leucorhynchus R GC White-browed Forest Flycatcher Fraseria cinerascens RB GC u Swamp Boubou Laniarius leucorhynchus R GC Spotted Flycatcher Muscicapa striata P VANGIDAE Vandidus RB GC R RB GC RB GC Nordious propertiest flycatcher RB GC RG CC RG CC RG RG RG CC	Sooty Chat	Mvrmecocichla nigra	RB			u	Black-shouldered Puffback	Dryoscopus senegalensis	RB		GC	u
Fraser's Forest Flycatcher Fraseria cinerascens RB GC u Sootly Boubou Laniarius leucorhynchus R GC White-browed Forest Flycatcher Fraseria cinerascens RB GC u Swamp Boubou Laniarius leucorhynchus R GC Spotted Flycatcher Muscicapa striata P VANGIDAE VANGIDAE RB GC GC Rufous-bellied Heimetshrike Prionops rufiventris RB GC Olivaceous Flycatcher Muscicapa adurascens RB GC u Western Black-headed Onole Oriolus brachyrthynchus RB GC Sooty Flycatcher Muscicapa infuscata RB GC Black-winged Oriole Oriolus brachyrthynchus RB GC StenosTiRiDAE Elminia longicauda R Velvet-mantled Drongo Dictrurus modestus RB GC c MONARCHIDAE Ernsiphone ruforinerea RB GC C CORVIDAE Red-bellied Paradise Flycatcher Terpsiphone ruforinerea RB GC C CORVIDAE RB GC GC Corvus albus RB GC Corvus albus RB	Pale Flycatcher	Bradornis pallidus	RB				Black-crowned Tchagra	Tchagra senegalus	R			
White-browed Forest Flycatcher Fraseria cinerascens RB GC Warner Boubou Laniarius bicolor R Spotted Flycatcher Muscicapa striata P VANGIDAE Pinongs rufiventris RB GC GC Summer Boubou Laniarius bicolor R GC Cassin's Flycatcher Muscicapa striata RB GC GC Rufous-bellied Helmetshrike Prionops rufiventris RB GC Olivaceous Flycatcher Muscicapa sinfuscata RB GC GC ORIOLIDAE Folder Striggennis RB GC Steinos Flycatcher Muscicapa sethsmithi RB GC Black-winged Oriole Oriolus brachyrhynchus RB GC GC Steinos Flycatcher Muscicapa sethsmithi RB GC UVestern Black-headed Oriole Oriolus brachyrhynchus RB GC GC Steinos Flycatcher Elminia longicauda R C Elack-winged Oriole Dicrurus modestus RB GC GC MUsoky-vented Paradise Flycatcher Terpsiphone rufocinerea RB GC C CORVIDAE Fulle RB GC GC Corvus albus	Fraser's Forest Flycatcher	Fraseria ocreata	RB		GC	u	Sooty Boubou	Laniarius leucorhynchus	R		GC	
Spotted FlycatcherMuscicapa striataPVANGIDAECassin's FlycatcherMuscicapa cassiniRBGCCRufous-bellied HelmetshrikePrionops rufiventrisRBGCOlivaceous FlycatcherMuscicapa olivascensRBGCrORIOLIDAECStriater CStriater CStriater CRBGCCOriolus brachyrhynchusRBGCCSoolty FlycatcherMuscicapa sethsmithiRBGCCBlack-headed OrioleOriolus brachyrhynchusRBGCCYellow-footed FlycatcherMuscicapa sethsmithiRBGCCBlack-winged OrioleOriolus brachyrhynchusRBGCCSternosTIRIDAEElminia longicaudaRVelvel-mantled DrongoDicrurus modestusRBGCCMONARCHIDAEErpsiphone rufocinereaRBGCCCORVIDAERBGCC**Rufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERBGC**Rufous-vented Paradise FlycatcherTerpsiphone rufiventerRBGCCCorvus albusRBGC**Rufous-vented Paradise FlycatcherTerpsiphone rufiventerRBGCCChestnut-winged StarlingOnychograthus fulgidusRBGC**Rufous-vented Paradise FlycatcherTerpsiphone rufiventerRBGCCChestnut-winged StarlingOnychograthus fulgidusRBGC**Rufous-belled Paradise FlycatcherTurdoides jardineiiRB <t< td=""><td>White-browed Forest Flycatcher</td><td>Fraseria cinerascens</td><td>RB</td><td></td><td>GC</td><td>u</td><td>Swamp Boubou</td><td>Laniarius bicolor</td><td>R</td><td></td><td></td><td></td></t<>	White-browed Forest Flycatcher	Fraseria cinerascens	RB		GC	u	Swamp Boubou	Laniarius bicolor	R			
Cassin's FlycatcherMuscicapa cassiniRBGCCRufous-bellied HelmetshrikePrionops rufiventrisRBGCOlivaceous FlycatcherMuscicapa olivascensRBGCvVelous-bellied HelmetshrikeDriolus brachyrhynchusRBGCSooty FlycatcherMuscicapa infuscataRBGCuWestern Black-headed OrioleOriolus brachyrhynchusRBGCYellow-footed FlycatcherMuscicapa sethsmithiRBGCBlack-winged OrioleOriolus ingripennisRGCSTENOSTIRIDAEEminia longicaudaRVelvet-mantled DrongoDicrurus modestusRBGCCMONARCHIDAEErnsiphone rufocinereaRBGCCCORVIDAERBGCG*Rufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERBGC*Rufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERBGC*Rufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERBGCPelLORNEIDAETurdoides jardinerinRBGCCConsult struged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis rufipennisRBGCSplendid Glossy StarlingHylopsar purpureicepsRBGCPale-breasted IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBGCPlatyStE	Spotted Flycatcher	Muscicapa striata	Ρ				VANGIDAE					
Olivaceous FlycatcherMuscicapa olivascensRBGCrORIOLIDAESooty FlycatcherMuscicapa infuscataRBGCuWestern Black-headed OrioleOriolus brachyrhynchusRBGCYellow-tooted FlycatcherMuscicapa sethsmithiRBGCBlack-winged OrioleOriolus nigripennisRGCSTENOSTIRIDAEElminia longicaudaRVelvet-mantled DrongoDicrurus modestusRBGCCMONARCHIDAEElminia longicaudaRVelvet-mantled DrongoDicrurus modestusRBGCCMonarce PlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERBGCC*ufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERBGCC*ufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERBGCC*ufous-vented Paradise FlycatcherTerpsiphone rufiventerRBGCuPied CrowCorvus albusRBGC*Back-ablidadopsisIlladopsis cleaveriRBGCuPied CrowConvus albusRBGCGCPale-breasted IlladopsisIlladopsis rufipennisRBGCCChestnut-winged StarlingMylopsar purpureicepsRBGCPale-breasted IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBGCPale-treasted IlladopsisIlladops	Cassin's Flycatcher	Muscicapa cassini	RB		GC	С	Rufous-bellied Helmetshrike	Prionops rufiventris	RB		GC	
Sooty FlycatcherMuscicapa infuscataRBGCuWestern Black-headed OrioleOriolus brachyrhynchusRBGCYellow-footed FlycatcherMuscicapa sethsmithiRBGCBlack-winged OrioleOriolus nigripennisRGCSTENOSTIRIDAEImina longicaudaRImina longicaudaRVelvet-mantled DrongoDicrurus modestusRBGCCMONARCHIDAEImina longicaudaRImina longicaudaRVelvet-mantled DrongoDicrurus modestusRBGCCMONARCHIDAEImina longicaudaRImina longicaudaRVelvet-mantled DrongoDicrurus atripennisRBGCCMONARCHIDAEImina longicaudaRImina longicaudaRBGCCORVIDAEDicrurus atripennisRBGC*Rufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAECorvus albusRBGC*Rufous-vented Paradise FlycatcherTerpsiphone rufiventerRBGCuPied CrowCorvus albusRBGCPELLORNEIDAEIlladopsis cleaveriRBGCCChestnut-winged StarlingOnychograthus fulgidusRBGCPale-breasted IlladopsisIlladopsis rufipennisRBGCSplendid Glossy StarlingHylopsar purpureicepsRBGCPale-breasted IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBGCPatyrystEriRIDAEImadopsis fulvescens<	Olivaceous Flycatcher	Muscicapa olivascens	RB		GC	r	ORIOLIDAE					
Yellow-footed Flycatcher Muscicapa sethsmithi RB GC Black-winged Oriole Oriolus nigripennis R GC STENOSTIRIDAE Iminia longicauda R Velvet-mantled Drongo Dicrurus modestus RB GC C MONARCHIDAE Iminia longicauda R Velvet-mantled Drongo Dicrurus atripennis RB GC C MONARCHIDAE Iminia longicauda R Velvet-mantled Drongo Dicrurus atripennis RB GC C Muscicape sethsmithi RB GC C CORVIDAE Dicrurus atripennis RB GC Stining Drongo Corvus albus RB GC Stining Drongo Image Drongo Drongo albus RB GC Stining Drongo Stining Drongo Drongo albus RB GC Stining Drongo Drongo albus RB GC Stining Drongo Brongo albus	Sooty Flycatcher	Muscicapa infuscata	RB		GC	u	Western Black-headed Oriole	Oriolus brachyrhynchus	RB		GC	
STENOSTIRIDAE DICRURIDAE African Blue Flycatcher Elminia longicauda R Velvet-mantled Drongo Dicrurus modestus RB GC C MONARCHIDAE	Yellow-footed Flycatcher	Muscicapa sethsmithi	RB		GC		Black-winged Oriole	Oriolus nigripennis	R		GC	
African Blue Flycatcher Elminia longicauda R Velvet-mantled Drongo Dicrurus modestus RB GC C MONARCHIDAE Shining Drongo Dicrurus atripennis RB GC C Shining Drongo Dicrurus atripennis RB GC GC C *Rufous-vented Paradise Flycatcher Terpsiphone rufiventer RB GC C CORVIDAE Corvus albus RB GC C PetLORNEIDAE Terpsiphone rufiventer RB GC U Pied Crow Corvus albus RB GC C PetLORNEIDAE Terpsiphone rufiventer RB GC Chestnut-winged Starling Onychognathus fulgidus RB GC GC Pale-breasted Illadopsis Illadopsis rufipennis RB GC Splendid Glossy Starling Hylopsar purpureiceps RB GC GC Purple-headed Babbler Turdoides jardineii R u Velet-backed Starling Cinnyricinclus leucogaster M U U PLATYSTEIRIDAE Turdoides jardineii R GC Yellow-billed Oxpecker Buphagus africanus R U <	STENOSTIRIDAE	,					DICRURIDAE					
MONARCHIDAEShining DrongoDicrurus atripennisRBGC*Rufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGC cCORVIDAERed-bellied Paradise FlycatcherTerpsiphone rufiventerRBGC uPied CrowCorvus albusRBPELLORNEIDAESTURNIDAESTURNIDAEGCChestnut-winged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis rufipennisRBGCChestnut-winged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingHylopsar purpureicepsRBGCBrown IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBGCPLATYSTEIRIDAETurdoides jardineiiRuViolet-backed StarlingCinnyricinclus leucogasterMChestnut Wattle-eyeDyaphorophyia castaneaRBGCYellow-billed OxpeckerBuphagus africanusRCommon Wattle-eyePlatysteira cyaneaRBGCYellow-billed OxpeckerBuphagus africanusRBlack-and-white FlycatcherBias musicusRBFPASSERIDAEFBlack-and-white FlycatcherBias musicusRBKYellow-billed OxpeckerPasser griseusRB	African Blue Flycatcher	Elminia longicauda	R				Velvet-mantled Drongo	Dicrurus modestus	RB		GC	С
*Rufous-vented Paradise FlycatcherTerpsiphone rufocinereaRBGCCCORVIDAERed-bellied Paradise FlycatcherTerpsiphone rufiventerRBGCuPied CrowCorvus albusRBPELLORNEIDAESTURNIDAESTURNIDAERBGCChestnut-winged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis rufipennisRBGCChestnut-winged StarlingHylopsar purpureicepsRBGCPale-breasted IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingHylopsar purpureicepsRBGCBrown IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBGCPLATYSTEIRIDAETurdoides jardineiiRuViolet-backed StarlingCinnyricinclus leucogasterMPLATYSTEIRIDAEDyaphorophyia castaneaRBGCYellow-billed OxpeckerBuphagus africanusRCommon Wattle-eyePlatysteira cyaneaRBGCYellow-billed OxpeckerBuphagus africanusRBlack-and-white FlycatcherBias musicusRBRBNorthern Grey-headed SparrowPasser griseusRB	MONARCHIDAE	3					Shining Drongo	Dicrurus atripennis	RB		GC	
Red-bellied Paradise-FlycatcherTerpsiphone rufiventerRBGC uPied CrowCorvus albusRBPELLORNEIDAESTURNIDAEBlackcap IlladopsisIlladopsis cleaveriRBGCChestnut-winged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis rufipennisRBGCChestnut-winged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingHylopsar purpureicepsRBGCBrown IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBArrow-marked BabblerTurdoides jardineiiRuViolet-backed StarlingCinnyricinclus leucogasterMPLATYSTEIRIDAEEEEEEEECommon Wattle-eyeDyaphorophyia castaneaRBGCYellow-billed OxpeckerBuphagus africanusRBlack-and-white FlycatcherBias musicusRBRBNorthern Grey-headed SparrowPasser griseusRB	*Rufous-vented Paradise Flycatcher	Terpsiphone rufocinerea	RB		GC	С	CORVIDAE					
PELLORNEIDAESTURNIDAEBlackcap IlladopsisIlladopsis cleaveriRBGCChestnut-winged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis rufipennisRBPurple-headed Glossy StarlingHylopsar purpureicepsRBGCBrown IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBGCArrow-marked BabblerTurdoides jardineiiRuViolet-backed StarlingCinnyricinclus leucogasterMPLATYSTEIRIDAEBUPHAGIDAEBUPHAGIDAEEUPHAGIDAEEChestnut Wattle-eyeDyaphorophyia castaneaRBGCYellow-billed OxpeckerBuphagus africanusRBlack-and-white FlycatcherBias musicusRBNorthern Grey-headed SparrowPasser griseusRB	Red-bellied Paradise-Flycatcher	Terpsiphone rufiventer	RB		GC	u	Pied Crow	Corvus albus	RB			
Blackcap IlladopsisIlladopsis cleaveriRBGCChestnut-winged StarlingOnychognathus fulgidusRBGCPale-breasted IlladopsisIlladopsis rufipennisRBPurple-headed Glossy StarlingHylopsar purpureicepsRBGCBrown IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBGCArrow-marked BabblerTurdoides jardineiiRuViolet-backed StarlingCinnyricinclus leucogasterMPLATYSTEIRIDAEChestnut Wattle-eyeDyaphorophyia castaneaRBGCYellow-billed OxpeckerBuphagus africanusRCommon Wattle-eyePlatysteira cyaneaRBGCYellow-billed OxpeckerBuphagus africanusRBlack-and-white FlycatcherBias musicusRBNorthern Grey-headed SparrowPasser griseusRB	PELLORNEIDAE						STURNIDAE					
Pale-breasted IlladopsisIlladopsis rufipennisRBPurple-headed Glossy StarlingHylopsar purpureicepsRBGCBrown IlladopsisIlladopsis fulvescensRBGCSplendid Glossy StarlingLamprotornis splendidusRBArrow-marked BabblerTurdoides jardineiiRuViolet-backed StarlingCinnyricinclus leucogasterMPLATYSTEIRIDAEBUPHAGIDAEChestnut Wattle-eyeDyaphorophyia castaneaRBGCYellow-billed OxpeckerBuphagus africanusRCommon Wattle-eyePlatysteira cyaneaRBPASSERIDAEFFBlack-and-white FlycatcherBias musicusRBNorthern Grey-headed SparrowPasser griseusRB	Blackcap Illadopsis	Illadopsis cleaveri	RB		GC		Chestnut-winged Starling	Onychognathus fulgidus	RB		GC	
Brown Illadopsis Illadopsis fulvescens RB GC Splendid Glossy Starling Lamprotornis splendidus RB Arrow-marked Babbler Turdoides jardineii R u Violet-backed Starling Cinnyricinclus leucogaster M PLATYSTEIRIDAE BUPHAGIDAE BUPHAGIDAE RB GC Yellow-billed Oxpecker Buphagus africanus R Common Wattle-eye Dyaphorophyia castanea RB GC Yellow-billed Oxpecker Buphagus africanus R Black-and-white Flycatcher Bias musicus RB Northern Grey-headed Sparrow Passer griseus RB	Pale-breasted Illadopsis	Illadopsis rufipennis	RB				Purple-headed Glossy Starling	Hylopsar purpureiceps	RB		GC	
Arrow-marked Babbler Turdoides jardineii R u Violet-backed Starling Cinnyricinclus leucogaster M PLATYSTEIRIDAE BUPHAGIDAE BUPHAGIDAE BUPHAGIDAE R </td <td>Brown Illadopsis</td> <td>Illadopsis fulvescens</td> <td>RB</td> <td></td> <td>GC</td> <td></td> <td>Splendid Glossy Starling</td> <td>Lamprotornis splendidus</td> <td>RB</td> <td></td> <td></td> <td></td>	Brown Illadopsis	Illadopsis fulvescens	RB		GC		Splendid Glossy Starling	Lamprotornis splendidus	RB			
PLATYSTEIRIDAE BUPHAGIDAE Chestnut Wattle-eye Dyaphorophyia castanea RB GC Yellow-billed Oxpecker Buphagus africanus R Common Wattle-eye Platysteira cyanea RB PASSERIDAE R Black-and-white Flycatcher Bias musicus RB Northern Grey-headed Sparrow Passer griseus RB	Arrow-marked Babbler	Turdoides jardineii	R			u	Violet-backed Starling	Cinnyricinclus leucogaster	М			
Chestnut Wattle-eye Dyaphorophyia castanea RB GC Yellow-billed Oxpecker Buphagus africanus R Common Wattle-eye Platysteira cyanea RB PASSERIDAE R PASSERIDAE R Black-and-white Flycatcher Bias musicus RB Northern Grey-headed Sparrow Passer griseus RB	PLATYSTEIRIDAE						BUPHAGIDAE	,				
Common Wattle-eye Platysteira cyanea RB PASSERIDAE Black-and-white Flycatcher Bias musicus RB Northern Grey-headed Sparrow Passer griseus RB	Chestnut Wattle-eve	Dvaphorophvia castanea	RB		GC		Yellow-billed Oxpecker	Buphagus africanus	R			
Black-and-white Flycatcher Bias musicus RB Northern Grey-headed Sparrow Passer griseus RB	Common Wattle-eve	Platysteira cvanea	RB				PASSERIDAE					
	Black-and-white Flycatcher	Bias musicus	RB				Northern Grey-headed Sparrow	Passer griseus	RB			

Birds in Conkouati-Douli NP, Congo-Brazzaville: Fernández-García et al.

PLOCEIDAE

Cassin's Malimbe Blue-billed Malimbe Red-headed Malimbe Crested Malimbe Black-necked Weaver *Orange Weaver Vieillot's Black Weaver Village Weaver Compact Weaver Red-headed Quelea Yellow-mantled Widowbird **ESTRILDIDAE**

White-breasted Negrofinch

Chestnut-breasted Negrofinch Grey-headed Negrofinch *Pale-fronted Negrofinch

	Status in Congo- Brazzaville
Malimbus cassini	RB
Malimbus nitens	RB
Malimbus rubricollis	RB
Malimbus malimbicus	RB
Ploceus nigricollis	RB
Ploceus aurantius	RB
Ploceus nigerrimus	RB
Ploceus cucullatus	RB
Ploceus superciliosus	RB
Quelea erythrops	М
Euplectes macroura	RB
Nigrita fusconotus	R
Nigrita bicolor	RB
Nigrita canicapillus	RB

Nigrita luteifrons

Grey Waxbill Orange-cheeked Waxbill Common Waxbill Western Bluebill Black-bellied Seedcracker Blue-bellied Firefinch Black-chinned Quailfinch Zebra Waxbill Bronze Mannikin Black-and-white Mannikin VIDUIDAE

Encounter rate

GC c

GC r

GC u

GC r

GC u

GC

RB

GC u

GC u

С

GC

Biome

IUCN

Pin-tailed Whydah FRINGILLIDAE Black-faced Canary **EMBERIZIDAE**

Cinnamon-breasted Bunting

Status in Congo-Brazzaville Biome UCN R Estrilda perreini Estrilda melpoda RB Estrilda astrild RB Spermophaga haematina RB GC c R Pyrenestes ostrinus Lagonosticta rubricata RB Ortygospiza gabonensis R Amandava subflava R Spermestes cucullata RB Spermestes bicolor RB R Vidua macroura R Crithagra capistrata R Emberiza tahapisi

Encounter rate

u

u

48 - Bull ABC Vol 24 No 1 (2017)



Fernandez-Garcia, José Maria, Ruiz De Azua, Nerea, and Attencia, Rebeca. 2017. "Bird observations along the Noumbi River, Conkouati-Douli NP, Congo Brazzaville." *Bulletin of the African Bird Club* 24(1), 38–48. <u>https://doi.org/10.5962/p.310009</u>.

View This Item Online: https://doi.org/10.5962/p.310009 Permalink: https://www.biodiversitylibrary.org/partpdf/310009

Holding Institution Natural History Museum Library, London

Sponsored by Natural History Museum Library, London

Copyright & Reuse

Copyright Status: In copyright. Digitized with the permission of the rights holder. Rights Holder: The African Bird Club License: <u>http://creativecommons.org/licenses/by-nc-sa/4.0/</u> Rights: <u>http://biodiversitylibrary.org/permissions</u>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at https://www.biodiversitylibrary.org.