

Supplementary material

Species Richness and Abundance of Birds in and Around Nimule National Park, South Sudan

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Table S1 Checklist of birds recorded during this study in the Nimule National Park.

S/No.	Common Name	Scientific Name
1	Abyssinian Roller	<i>Coracias abyssinica</i>
2	African Blue Flycatcher	<i>Elminia longicauda</i>
3	African Cuckoo-Hawk	<i>Aviceda cuculoides</i>
4	African Darter	<i>Anhinga rufa</i>
5	African Fish-Eagle	<i>Haliaeetus vocifer</i>
6	African Grey Hornbill	<i>Tockus nasutus</i>
7	African Hoopoe	<i>Upupa epops</i>
8	African Jacana	<i>Actophilornis africanus</i>
9	African Mourning Dove	<i>Streptopelia decipiens</i>
10	African Palm Swift	<i>Cypsiurus parvus</i>
11	African Paradise-Flycatcher	<i>Terpsiphone viridis</i>
12	Pied Crow	<i>Corvus albus</i>
13	African Pied Hornbill	<i>Tockus fasciatus</i>
14	Pied Kingfisher	<i>Ceryle rudis</i>
15	African Pied Wagtail	<i>Motacilla aguimp</i>
16	African Pipit	<i>Anthus cinnamomeus</i>
17	African Sacred Ibis	<i>Threskiornis aethiopicus</i>
18	African Silverbill	<i>Lonchura cantans</i>
19	African Skimmer	<i>Rynchops flavirostris</i>
20	Alpine Swift	<i>Tachymarpis melba</i>
21	Ashy Starling	<i>Lamprotornis unicolor</i>
22	Bare-Face Go- Away Bird	<i>Corythaixoides personatus</i>
23	Barn Swallow	<i>Hirundo rustica</i>
24	Beautiful Sunbird	<i>Cinnyris pulchella</i>
25	Black And White Flycatcher	<i>Bias musicus</i>
26	Black-Billed Turaco	<i>Tauraco schuettii</i>
27	Black-Billed Wood Dove	<i>Turtur abyssinicus</i>
28	Black Crake	<i>Amaurornis flavirostra</i>
29	Black Crowned Crane	<i>Balearica pavonina</i>
30	Black Cuckoo	<i>Cuculus clamosus</i>
31	Black Cuckooshrike	<i>Campephaga flava</i>
32	Black Dwarf Hornbill	<i>Tockus hartlaubi</i>
33	Northern Red-Billed Hornbill	<i>Tockus erythrorhynchus</i>
34	Black-Headed Heron	<i>Ardea melanocephala</i>

35	Black-Headed Bee-Eater	<i>Merops buelleri</i>
36	Black-Headed Gonolek	<i>Laniarius erythrogaster</i>
37	Black-Headed Paradise Flycatcher	<i>Terpsiphone rufiventer</i>
38	Black-Headed Plover	<i>Vanellus tectus</i>
39	Black-Headed Weaver	<i>Ploceus melanocephalus</i>
40	Black Kite	<i>Milvus migrans</i>
41	Black Saw-Wing	<i>Psalidoprocne pristoptera</i>
42	Black-Shouldered Kite	<i>Elanus caeruleus</i>
43	Black Stork	<i>Ciconia nigra</i>
44	Black Sunbird	<i>Chalcomitra amethystina</i>
45	Black-Winged Bishop	<i>Euplectes hordeaceus</i>
46	Black-Winged Stilt	<i>Himantopus himantopus</i>
47	Blue Headed Coucal	<i>Centropus monachus</i>
48	Blue Headed Crested Flycatcher	<i>Trochocercus nitens</i>
49	Blue Mantled Crested Flycatcher	<i>Trochocercus cyanomelas</i>
50	Blue-Naped Mousebird	<i>Urocolius macrourus</i>
51	Bronze-Tailed Starling	<i>Lamprotornis chalcurus</i>
52	Bronzy Sunbird	<i>Nectarinia kilimensis</i>
53	Brown Parrot	<i>Poicephalus meyeri</i>
54	Cattle Egret	<i>Bubulcus ibis</i>
55	Cinnamon-Chested Bee-Eater	<i>Merops oreobates</i>
56	African Collared Dove	<i>Streptopelia roseogrisea</i>
57	Common Bulbul	<i>Pycnonotus barbatus</i>
58	Common Grasshopper Warbler	<i>Locustella naevia</i>
59	Common Quail	<i>Coturnix coturnix</i>
60	Common Redstart	<i>Phoenicurus phoenicurus</i>
61	Common Snipe	<i>Gallinago gallinago</i>
62	Common Swift	<i>Apus apus</i>
63	Copper Sunbird	<i>Nectarinia cuprea</i>
64	Crowned Lapwing	<i>Vanellus coronatus</i>
65	Dark-Capped Bulbul	<i>Pycnonotus tricolor</i>
66	Diderick Cuckoo	<i>Chrysococcyx caprius</i>
67	Egyptian Goose	<i>Alopochen aegyptiaca</i>
68	Ethiopian Swallow	<i>Hirundo aethiopica</i>
69	Eurasia Hoopoe	<i>Upupa epops</i>
70	European Bee-Eater	<i>Merops apiaster</i>
71	European Roller	<i>Coracias garrulus</i>
72	European Turtle-Dove	<i>Streptopelia turtur</i>
73	Black Bishop	<i>Euplectes gierowii</i>
74	Fork-Tailed Drongo	<i>Dicrurus adsimilis</i>
75	Fulvous Duck	<i>Dendrocygna bicolor</i>
76	Giant Kingfisher	<i>Megaceryle maxima</i>
77	Glossy Ibis	<i>Plegadis falcinellus</i>

78	Goliath Heron	<i>Ardea goliath</i>
79	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>
80	Greater Honeyguide	<i>Indicator indicator</i>
81	Greater Painted Snipe	<i>Rostratula benghalensis</i>
82	Green-Headed Sunbird	<i>Nectarinia verticalis</i>
83	Green Wood-Hoopoe	<i>Phoeniculus purpureus</i>
84	Green-Winged Pytilia	<i>Pytilia melba</i>
85	Grey-Backed Fiscal Shrike	<i>Lanius excubitoroides</i>
86	Grey-Backed Camaroptera	<i>Camaroptera brevicaudata</i>
87	Grey Heron	<i>Ardea cinerea</i>
88	Grey Kestrel	<i>Falco ardosiaceus</i>
89	Grey Woodpecker	<i>Dendropicos goertae</i>
90	Grey-Headed Batis	<i>Batis orientalis</i>
91	Greyish Eagle-Owl	<i>Bubo cinerascens</i>
92	Grey-Rumped Swallow	<i>Pseudhirundo griseopyga</i>
93	Hadeda Ibis	<i>Bostrychia hagedash</i>
94	Hamerkop	<i>Scopus umbretta</i>
95	Helmeted Guineafowl	<i>Numida meleagris</i>
96	Hooded Vulture	<i>Necrosyrtes monachus</i>
97	House Sparrow	<i>Passer domesticus</i>
98	Icterine Warbler	<i>Hippolais icterina</i>
99	Jacobin Cuckoo	<i>Clamator jacobinus</i>
100	Lappet-Faced Vulture	<i>Torgos tracheliotos</i>
101	Laughing Dove	<i>Spilopelia senegalensis</i>
102	Lesser Honeyguide	<i>Indicator minor</i>
103	Lesser Masked Weaver	<i>Ploceus intermedius</i>
104	Lesser Moorhen	<i>Gallinula angulata</i>
105	Levaillant's Cuckoo	<i>Clamator levaillantii</i>
106	Little Bee-Eater	<i>Merops pusillus</i>
107	Little Egret	<i>Egretta garzetta</i>
108	Little Green Bee-Eater	<i>Merops orientalis</i>
109	Little Greenbull	<i>Andropadus virens</i>
110	Little Ringed Plover	<i>Charadrius dubius</i>
111	Little Rush Warbler	<i>Bradypterus baboecala</i>
112	Little Stint	<i>Calidris minuta</i>
113	Little Swift	<i>Apus affinis</i>
114	Little Weaver	<i>Ploceus luteolus</i>
115	Long-Crested Eagle	<i>Lophaetus occipitalis</i>
116	Long-Tailed Cormorant	<i>Microcarbo africanus</i>
117	Malachite Kingfisher	<i>Alcedo cristata</i>
118	Malachite Sunbird	<i>Nectarinia famosa</i>
119	Narina Trogon	<i>Apaloderma narina</i>
120	Northern Carmine Bee-Eater	<i>Merops nubicus</i>

121	Black-Billed Firefinch	<i>Lagonosticta rara</i>
122	Northern Red Bishop	<i>Euplectes franciscanus</i>
123	Nubian Woodpecker	<i>Campethera nubica</i>
124	Olive Bee-Eater	<i>Merops superciliosus</i>
125	Peregrine Falcon	<i>Falco peregrinus</i>
126	Pin-Tailed Whydah	<i>Vidua macroura</i>
127	Pink Breasted Lark	<i>Mirafra poecilosterna</i>
128	Purple-Headed Starling	<i>Hylopsar purpureiceps</i>
129	Red-Backed Shrike	<i>Lanius collurio</i>
130	Red Bellied Malimbe	<i>Malimbus erythrogaster</i>
131	Red-Bellied Paradise Flycatcher	<i>Terpsiphone rufiventer</i>
132	Red-Billed Buffalo-Weaver	<i>Bubalornis niger</i>
133	Red Billed Firefinch	<i>Lagonosticta senegala</i>
134	Red-Capped Lark	<i>Calandrella cinerea</i>
135	Red-Cheeked Cordonbleu	<i>Uraeginthus bengalus</i>
136	Red-Eyed Dove	<i>Streptopelia semitorquata</i>
137	Red-Rumped Swallow	<i>Hirundo daurica</i>
138	Red-Shouldered Cuckooshrike	<i>Campephaga phoenicea</i>
139	Red Throated Bee-Eater	<i>Merops bulocki</i>
140	Red Winged Warbler	<i>Heliolais erythropterus</i>
141	Ring-Necked Dove	<i>Streptopelia capicola</i>
142	Ruppel's Starling	<i>Lamprotornis purpuropterus</i>
143	Scaly-Throated Honeyguide	<i>Indicator variegatus</i>
144	Scarce Swift	<i>Schoutedenapus myoptilus</i>
145	Scarlet-Chested Sunbird	<i>Nectarinia senegalensis</i>
146	Scissor-Tailed Kite	<i>Chelictinia riocourii</i>
147	Senegal Coucal	<i>Centropus senegalensis</i>
148	Senegal Thick-Knee	<i>Burhinus senegalensis</i>
149	Cardinal Woodpecker	<i>Dendropicos fuscescens</i>
150	Slender-Billed Greenbul	<i>Andropadus gracilirostris</i>
151	Slender-Billed Weaver	<i>Ploceus pelzelni</i>
152	Sooty Falcon	<i>Falco concolor</i>
153	Northern Ground Hornbill	<i>Bucorvus leadbeateri</i>
154	Northern Masked Weaver	<i>Ploceus taeniopterus</i>
155	Red-Collared Widowbird	<i>Euplectes ardens</i>
156	Speckled Mousebird	<i>Colius striatus</i>
157	Speke's Weaver	<i>Ploceus spekei</i>
158	Splendid Glossy Starling	<i>Lamprotornis splendidus</i>
159	Spotted Crake	<i>Porzana porzana</i>
160	Spotted Flycatcher	<i>Muscicapa striata</i>
161	Spotted Thick-Knee	<i>Burhinus capensis</i>
162	Spur-Winged Lapwing	<i>Vanellus spinosus</i>
163	Superb Starling	<i>Lamprotornis superbus</i>

164	Toro Olive Greenbul	<i>Phyllastrephus hypochloris</i>
165	Village Indigobird	<i>Vidua chalybeata</i>
166	Village Weaver	<i>Ploceus cucullatus</i>
167	Vinaceous Dove	<i>Streptopelia vinacea</i>
168	Wattled Lapwing	<i>Vanellus senegallus</i>
169	Western-Banded Snake-Eagle	<i>Circaetus cinerascens</i>
170	White-headed Buffalo-Weaver	<i>Dinemenllia dinemellia</i>
171	White-Billed Buffalo-Weaver	<i>Bubalornis albirostris</i>
172	White-Breasted Cormorant	<i>Phalacrocorax carbo</i>
173	White-Browed Coucal	<i>Centropus superciliosus</i>
174	White-Browed Robin-Chat	<i>Cossypha heuglini</i>
175	White-Faced Duck	<i>Dendrocygna viduata</i>
176	Yellow-Billed Egret	<i>Ardea brachyrhyncha</i>
177	Yellow-Billed Kite	<i>Milvus aegyptius</i>
178	Yellow Bishop	<i>Euplectes capensis</i>
179	Yellow-Throated Cuckoo	<i>Chrysococcyx flavigularis</i>
180	African Golden Oriole	<i>Oriolus auratus</i>
181	African Pygmy-Kingfisher	<i>Ispidina picta</i>
182	Black-Rumped Waxbill	<i>Estrilda troglodytes</i>
183	Blue-Spotted Wood-Dove	<i>Turtur afer</i>
184	Bronze Mannikin	<i>Lonchura cucullatus</i>
185	Cardinal Quelea	<i>Quelea cardinalis</i>
186	Common Waxbill	<i>Estrilda astrild</i>
187	Crimson-Rumped Waxbill	<i>Estrilda rhodopyga</i>
188	D'arnaud's Barbet	<i>Trachyphonus darnaudii</i>
189	Eastern Plantain-Eater	<i>Crinifer zonurus</i>
190	Eurasian Golden Oriole	<i>Oriolus oriolus</i>
191	Fawn-Breasted Waxbill	<i>Estrilda paludicola</i>
192	Garden Warbler	<i>Sylvia borin</i>
193	Golden-Backed Weaver	<i>Ploceus jacksoni</i>
194	Grey-Headed Gull	<i>Chroicocephalus cirrocephalus</i>
195	Lesser Jacana	<i>Microparra capensis</i>
196	Namaqua Dove	<i>Oena capensis</i>
197	Northern Black Flycatcher	<i>Meleanornis edolioides</i>
198	Northern Grey-Headed Sparrow	<i>Passer griseus</i>
199	Purple Heron	<i>Ardea purpurea</i>
200	Red-Billed Quelea	<i>Quelea Quelea</i>
201	Red-Headed Weaver	<i>Anaplectes rubriceps</i>
202	Silverbird	<i>Empidonis semipartitus</i>
203	Whiskered Tern	<i>Chlidonias hybrida</i>
204	White Winged Tern	<i>Chlidonias leucopterus</i>
205	Yellow-Crested Helmet Shrike	<i>Prionops alberti</i>

206	Croaking Cisticola	<i>Cisticola natalensis</i>
207	Singing Bush Lark	<i>Mirafra cantillans</i>
208	Cinnamon Weaver	<i>Ploceus badius</i>
209	Sun Lark	<i>Galerida modesta</i>
210	Rufous Chatterer	<i>Turdoides rubiginosa</i>
211	Red Headed Quelea	<i>Quelea erythropis</i>