

## The Birds of Liberia (West Africa)

### A Preliminary List with Status and Open Questions

By Wulf Gatter\*

The first important investigation of Liberia's avifauna was carried out by BÜTTIKOFER (1890, etc) at the end of the last century. In 1926, an expedition from Harvard University visited Liberia for several months. ALLEN (1930) analyzed their results and combined them with previously published findings into a list of "The Birds of Liberia" With additions from BOUET (1931) and RAND (1951), the list reached 310 known species of birds in Liberia. The investigations at Mt. Nimba (COLSTON & CURRY-LINDAHL 1985) where Guinea savanna and rain forest meet, with a further important mountain component, came up with a list of 385 species.

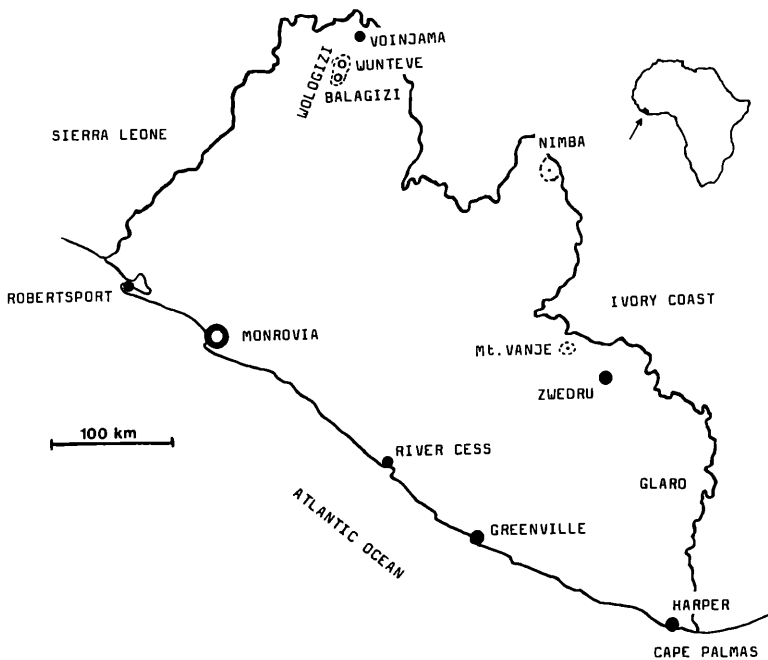


Fig. 1

Map of Liberia with important observation points. – *Karte von Liberia mit wichtigen Beobachtungsorten.*

\* Mit einem Druckkostenzuschuß des Verfassers

Together with the results of the rain forest region of South-East Liberia (390 species) and the Monrovia region (408 species) by the author and others, three sub-regions of the country were explored for the first time using modern methods of investigation. Since then the exploration of the unknown north-west after 1983 has produced a large number of new findings and closed the most important gap in our knowledge.

Since 1981 efforts have been made to carry through nationwide investigations and to coordinate activities of observers, the numbers of whom remain low to this day. An accurate account of the state of knowledge at the present time is much needed by the authorities of the country, as well as by the increasing number of interested persons.

Following the initial project of drawing up an extensive annotated checklist of the birds of Liberia, the necessity of starting off with a short list with information on status and unanswered questions became apparent.

Liberia is the only country along the southern coast of West Africa which was restricted originally to a single vegetation zone along its north-south extension – the lowland rain forest. Taking this into account, its record of 590 species shows a very rich avifauna compared to other countries that have been extensively explored since colonial times and which have vegetation zones ranging from evergreen rain forest through to the Sudan zone (e. g. Ivory coast with 683 species [THIOLLAY] 1985) or Ghana with 721 species [GRIMES 1987]). Between 122 and 127 of Liberia's bird species (22%) originate from the Palaearctic region.

### Topography, climate and main vegetation zones

The coastal lowland (up to 30 m above sea level) extends forty kilometres inland. It is followed by a belt of rolling hills at an elevation of some 300 m and mountain ranges reaching 600 m. The northern highlands are table lands at over 500 m and mountain ranges reaching 1385 m at Mt. Nimba and 1350 m in the Wologizi Range (SCHULZE 1973).

### Climate

Liberia's position near the equator between 4°20' N and 8°30' N places the country within the so-called "inner wet tropics" with a steady, warm temperature throughout the year.

There is a rainy season from April to November and a "dry season" from December to March, with a short mid-dry in coastal and southern parts of the country for not longer than 3 weeks in July/August. Along the coast the annual rainfall ranges from 3000 mm in the east (Harper) to 4800 mm in the west (Robertsport) climbing above 5000 mm on the nearby Cape Mount.

In the interior from Zwedru (South-East) to Ganta and Zorzor (North-West) it decreases to about 2000 mm and increases again to more than 3000 mm in the northern highlands of the Nimba and Lofa region.

The annual mean temperature of the coastal areas (25°–26°C) compares with the interior (27°C) near Zwedru and Salala, and decreases in the northern highlands to 23.8°C at Kolahun and 19.6°C at Mt. Nimba.

## Vegetation zones

**Coastal savanna and mangrove:** The man-made savanna extends as a belt along the coast up to 25 km into the country and is marked by various types of grassland-forest mosaic, the remains of gallery forests, local patches of primary swamp forest and various types of secondary forest. Along the coast and river estuaries mangrove vegetation covers altogether about 310 sq. km. Numerous lagoons are located along the coast, generally behind the beach sand bar. Depending on their development, there are different types of salt- and freshwater lagoons with different vegetation types (HASSELMANN 1979, GATTER 1988).

### Tropical rain forest zone:

Tropical rain forest once covered all of Liberia except for a few rock outcrops, some sandy areas along the coast and the mangrove swamps (GATTER & MATTES 1987).

The most recent survey (1979–1982) of forested areas in Liberia reveals that 38% (42,000 sq. km.) of Liberia's 111,369 sq. km. was still covered by primary and very old secondary forest. Of this percentage, all except Sapo National Park had been leased to timber cropping concessions by 1987.

The annual destruction of primary forest by farmers, who have been enabled through the road construction by logging concessions, to set up their farms in the center of primary forest areas, was estimated at the beginning of the 1980's to be 1%, i. e. 400 sq. km.

In the meantime it has increased, in particular in Western Liberia, and risen probably to 500 sq. km per year and more.

The rain forest belt can be divided into the evergreen rain forest zone in the south with more than 2000 mm annual rainfall and a semideciduous forest zone in the north with less rain, and a transition zone between these two zones.

Another 40% of the country is covered by secondary forest, which is slashed and burned within the farming system of shifting cultivation, with 7–25 year or even longer fallow periods. The remaining areas are covered by plantations (mainly rubber), intensively used farmland and the following successions, and man-made savannas resulting from repeated shifting cultivation (GATTER 1984).

### Southern Guinea zone:

Along the northern edge of the forest zone there is a forest grassland mosaic adjacent to the Mt. Nimba region. In the most northern sector of Lofa County it forms an interrupted belt of bare rock, farmland with conspicuous stands of oil palm, patches of grass savanna and forest.

Nearly all of this area was covered with forest and rich farmland some eighty years ago, but today is strongly degraded by the dense human population.

## Presentation of Data

The families appearing in the systematic list follow earlier checklists on Gambian birds (GORE 1981), Nigerian birds (ELGOOD 1982) and Ghanaian birds (GRIMES 1987). Within these taxa, genera and species are in alphabetic sequence. Beside this the names used in the list usually follows those used in GRIMES (1987).

The status of each species is summarized by the following abbreviations:

|        |   |
|--------|---|
| RB     | resident breeder  |
| R(B)   | resident, but breeding unproven   |
| (RB)   | resident and breeding status unproven. Species may leave during the rains.                      |
| PM     | Palearctic migrant  |
| NM     | Nearctic migrant, Neotropical migrant   |
| AfM    | migrates within Liberia and neighbouring areas  |
| AfM/B  | migrates to and from Liberia to breed in Liberia  |
| AfM/NB | migrates to and from Liberia to spend the non-breeding season in Liberia.                       |
| V      | vagrant   |
| ?      | indicates doubt about the status immediately preceding the question mark, but not of occurrence |

Where there is uncertainty about the occurrence of a species, it is placed in square brackets. Most of these species should occur in Liberia, but records have not been definitely confirmed or it is believed that the species has been overlooked.

This column is followed by information on abundance:

|      |  |
|------|--|
| a    | abundant   |
| c    | common   |
| u    | uncommon   |
| r    | rare   |
| u-c  | means the species is not uncommon, or is locally uncommon and locally common |
| uScN | uncommon in south, common in north etc.                                      |

The next column deals with open questions (in brackets)

|      |   |
|------|---|
| (Ec) | ecology, habitat, habits  |
| (Ph) | phenology, migrations, migration direction, annual cycles such as breeding and moult, numbers |
| (ZG) | zoogeography, origin, distribution  |
| (Sy) | systematics   |
| (Dy) | population dynamics (short term and long term)  |
| (*)  | all possible further information needed   |

The last column behind the brackets gives an indication of habitats, distribution, restricted areas such as the name of a town.

|    |  |
|----|--|
| N  | only north (of the forest zone)                  |
| S  | south  |
| E  | restricted to East Liberia                       |
| W  | restricted to West Liberia                       |
| L  | local  |
| GS | moist Guinea Savanna in the north                |
| CS | coastal belt with savanna, mangrove and littoral |
| PF | primary forest and related formations            |
| F  | all forests, secondary forest, woodland          |
| M  | mountainous areas or higher elevations           |

## SYSTEMATIC LIST

## NON-PASSERES

## PODICIPEDIDAE

|                            |          |         |   |      |  |
|----------------------------|----------|---------|---|------|--|
| <i>Podiceps ruficollis</i> | Dabchick | RB, AfM | u | (Ph) |  |
|----------------------------|----------|---------|---|------|--|

## PROCELLARIIDAE

|                             |                             |    |   |         |          |
|-----------------------------|-----------------------------|----|---|---------|----------|
| <i>Bulweria bulwerii</i>    | Bulwer's Petrel             | V  |   | (Ph, *) |          |
| <i>Calonectris diomedea</i> | Cory's Shearwater           | PM | u | (Ph)    |          |
| <i>Procellaria grisea</i>   | Sooty Shearwater            | V  |   | (*)     |          |
| <i>Pterodroma mollis</i>    | Soft-plumaged Petrel        | V  |   | (*)     | Antarct. |
| <i>Puffinus gravis</i>      | Southern Greater Shearwater | V  |   | (*)     | Antarct. |
| <i>Puffinus puffinus</i>    | Manx Shearwater             | PM | u | (*)     |          |

## HYDROBATIDAE

|                              |                            |        |   |         |          |
|------------------------------|----------------------------|--------|---|---------|----------|
| <i>Oceanodroma castro</i>    | Madeiran Storm Petrel      | V      |   | (*)     |          |
| <i>Oceanodroma leucorhoa</i> | Leach's Storm Petrel       | PM     | r | (*)     |          |
| <i>Hydrobates pelagicus</i>  | British Storm Petrel       | PM     | u | (Ph)    |          |
| <i>Fregatta tropica</i>      | Black-bellied Storm Petrel | V      | r | (*)     |          |
| <i>Oceanites oceanicus</i>   | Wilson's Petrel            | AfM/NB | u | (Ph, *) | Antarct. |

## PHAETHONTIDAE

|                         |                          |   |  |     |  |
|-------------------------|--------------------------|---|--|-----|--|
| <i>Phaeton lepturus</i> | White-tailed Tropic Bird | V |  | (*) |  |
|-------------------------|--------------------------|---|--|-----|--|

## PELECANIDAE

|                            |              |        |  |          |  |
|----------------------------|--------------|--------|--|----------|--|
| <i>Pelicanus rufescens</i> | Grey Pelican | AfM/NB |  | (Ph, Ec) |  |
|----------------------------|--------------|--------|--|----------|--|

## [FREGATIDAE

|                         |                       |          |  |  |  |
|-------------------------|-----------------------|----------|--|--|--|
| [ <i>Fregata aquila</i> | Ascension Frigatebird | rejected |  |  |  |
|-------------------------|-----------------------|----------|--|--|--|

## SULIDAE

|                         |             |             |  |              |  |
|-------------------------|-------------|-------------|--|--------------|--|
| <i>Sula bassana</i>     | Gannet      | PM?, AfM/NB |  | (Ph, Ec, Sy) |  |
| <i>Sula leucogaster</i> | Brown Booby | AfM/NB      |  | (Ph, Ec)     |  |

## PHALACROCORACIDAE

|                                |                          |
|--------------------------------|--------------------------|
| <i>Phalacrocorax africanus</i> | Reed Cormorant           |
| <i>Phalacrocorax carbo</i>     | White-breasted Cormorant |

## ANHINGIDAE

|                     |        |
|---------------------|--------|
| <i>Anhinga rufa</i> | Darter |
|---------------------|--------|

## ARDEIDAE

### Botaurinae

|                           |                       |
|---------------------------|-----------------------|
| <i>Ixobrychus minutus</i> | Little Bittern        |
| <i>Ixobrychus sturmii</i> | African Dwarf Bittern |

### Ardeinae

#### Tigriornithini

|                                |                          |
|--------------------------------|--------------------------|
| <i>Nycticorax leuconotus</i>   | White-backed Night Heron |
| <i>Nycticorax nycticorax</i>   | Night Heron              |
| <i>Tigriornis leucocephala</i> | African Tiger Bittern    |

### Ardeini

|                            |                     |
|----------------------------|---------------------|
| <i>Ardea cinerea</i>       | Grey Heron          |
| <i>Ardea goliath</i>       | Goliath Heron       |
| <i>Ardea melanocephala</i> | Black-headed Heron  |
| <i>Ardea purpurea</i>      | Purple Heron        |
| <i>Ardeola ibis</i>        | Cattle Egret        |
| <i>Ardeola ralloides</i>   | Squacco Heron       |
| <i>Butorides striatus</i>  | Little Green Heron  |
| <i>Egretta alba</i>        | Great White Egret   |
| <i>Egretta ardesiaca</i>   | Black Egret         |
| <i>Egretta garzetta</i>    | Little Egret        |
| <i>Egretta gularis</i>     | Reef Heron          |
| <i>Egretta intermedia</i>  | Yellow billed Egret |

|                  |     |              |    |
|------------------|-----|--------------|----|
| AfM/NB           | u   | (Ph, Ec)     |    |
| V                |     | (*)          |    |
| AfM/NB           | u   | (Ph, Ec)     |    |
| RB, AfM?, PM     | u   | (*, Sy)      |    |
| R(B); AfM        | u   | (Ph, Ec, ZG) |    |
| (RB)             | r   | (*)          |    |
| PM, AfM/B?       | u   | (Ph, Ec)     |    |
| RB               | u   | (Ph, Ec)     |    |
| PM, AfM/NB       |     | (Ph, Dy)     |    |
| V                |     | (*)          |    |
| AfM/NB           | u   | (Ph, Ec, ZG) |    |
| PM, AfM/NB?      | u   | (Ph, Dy, ZG) |    |
| AfM/NB           | a   | (Ph, Ec, Dy) |    |
| PM, AfM/NB?      | u   | (Ph, Dy, ZG) |    |
| RB; AfM          | c   | (Ph, Ec, Dy) |    |
| PM?, AfM/NB + B? | u   | (Ph, ZG)     |    |
| AfM/NB           | u   | (Ph, Ec)     |    |
| PM, AfM/NB?      | u-c | (Ph, Dy)     |    |
| AfM/NB           | c   | (Ph)         | CS |
| AfM/NB           | u   | (*)          |    |

## SCOPIDAE

*Scopus umbretta*

Hammerkop

## CICONIIDAE

Mycteriini

*Ibis ibis*

Yellow-billed Stork

Ciconiini

*Anastomus lamelligerus*

Open-bill Stork

*Ciconia abdimii*

Abdim's Stork

*Ciconia ciconia*

White Stork

*Ciconia episcopus*

Wooly-necked Stork

Leptoptilini

*Leptoptilos crumeniferus*

Marabou Stork

## THRESKIORNITHIDAE

Threskiornithinae

*Bostrychia hagedash*

Hadada

*Bostrychia olivacea*

Olive Ibis

*Bostrychia rara*

Spotted breasted Ibis

*Plegadis falcinellus*

Glossy Ibis

Plataleinae

*Platalae alba*

African Spoonbill

## PHOENICOPTERIDAE

*Phoenicopterus ruber/minor*

Flamingo spec.



|            |     |              |    |
|------------|-----|--------------|----|
| AfM, V     |     | (* , ZG, Sy) |    |
| AfM/NB     |     | (Ph, *)      |    |
| AfM/NB     | r   | (*)          | W  |
| AfM/NB     | r   | (Ph, *)      |    |
| PM, V      | r   | (*)          |    |
| RB, AfM    | u   | (Ec, Ph, Dy) |    |
| AfM/NB, V  |     | (*)          |    |
| R (B), AfM | u-c | (Ph, Ec)     |    |
| R (B), AfM | u   | (Ph, Ec, Dy) | PF |
| R (B)      | r   | (*)          | PF |
| PM, V      | r   | (*)          |    |
| AfM        | u   | (Ph, Ec)     | CS |
| V          |     | (* , Sy)     |    |

## ANATIDAE

### Anserinae

*Dendrocygna viduata* White-faced Tree Duck

### Cairinini

*Nettapus auritus* African Pygmy Goose

*Plectropterus gambensis* Spur-winged Goose

*Pteronetta hartlaubii* Hartlaub's Duck

*Sarkidiornis melanota* Comb Duck

### Anatini

*Anas acuta* Pintail

*Anas querquedula* Garganey

*Anas clypeata* Shoveler

### Aythiini

*Aythya ferina* Pochard

## PANDIONIDAE

*Pandion haliaetus* Osprey

## ACCIPITRIDAE

### Aegypinae

*Gypohierax angolensis* Palmnut Vulture

*Gyps bengalensis* White-backed Vulture

*Neophron monachus* Hooded Vulture

### Accipitrinae

### Circini

*Circaetus beaudouini* Beaudouin's Snake Eagle

*Circaetus cinereus* Brown Snake Eagle

|         |   |          |       |
|---------|---|----------|-------|
| RB, AfM | u | (Ec, Ph) | W     |
| R (B)   | u | (Ec, Ph) |       |
| RB, AfM | r | (Ph, Ec) |       |
| RB      | u | (Ph, Ec) | PF    |
| (R)     | r | (*)      |       |
| PM      | r | (Ph)     |       |
| PM      | u | (Ph)     |       |
| PM      | r | (Ph)     |       |
| PM, V   |   | (Ph)     |       |
| PM      | u | (Ph, Ec) |       |
| RB, AfM | c | (Ph, Ec) |       |
| V       |   | (*)      |       |
| AfM     | u | (*)      | N     |
| AfM     | u | (*)      | N     |
| RB, AfM | u | (Ph, Ec) | N + S |

|                                  |                     |
|----------------------------------|---------------------|
| <i>Circus macrouros</i>          | Pallid Harrier      |
| <i>Circus aeruginosus</i>        | Marsh Harrier       |
| <i>Circus pygargus</i>           | Montagu's Harrier   |
| <i>Dryotriorchis spectabilis</i> | Congo Serpent Eagle |
| <i>Polyboroides radiatus</i>     | Harrier Hawk        |
| <i>Therathopius ecaudatus</i>    | Bateleur            |

### Accipitrini

|                               |                            |
|-------------------------------|----------------------------|
| <i>Accipiter badius</i>       | Shikra                     |
| <i>Accipiter erythropus</i>   | Western Little Sparrowhawk |
| <i>Accipiter melanoleucos</i> | Black Sparrowhawk          |
| <i>Accipiter tachiro</i>      | African Goshawk            |
| <i>Urotriorchis macrouros</i> | Long-tailed Hawk           |

### Buteini

|                                 |                          |
|---------------------------------|--------------------------|
| <i>Butastur rufipennis</i>      | Grasshopper Buzzard      |
| <i>Buteo buteo</i>              | Common or Steppe Buzzard |
| <i>Buteo auguralis</i>          | Red-tailed Buzzard       |
| <i>Kaupifalco monogrammicus</i> | Lizzard Buzzard          |

### Aquilini

|                               |                     |
|-------------------------------|---------------------|
| <i>Aquila rapax</i>           | Tawny Eagle         |
| <i>Aquila wahlbergi</i>       | Wahlberg's Eagle    |
| <i>Haliaeetus vocifer</i>     | African Fish Eagle  |
| <i>Hieraaetus africanus</i>   | Cassin's Hawk Eagle |
| <i>Hieraaetus dubius</i>      | Ayres' Hawk Eagle   |
| <i>Hieraaetus pennatus</i>    | Booted Eagle        |
| <i>Lophaetus occipitalis</i>  | Long-crested Eagle  |
| <i>Stephanoetus coronatus</i> | Crowned Eagle       |

|           |     |               |               |
|-----------|-----|---------------|---------------|
| PM        | r   | (Ph)          |               |
| PM        | u   | (Ph)          |               |
| PM        | r   | (Ph)          |               |
| RB        | u   | (*)           | PF            |
| RB        | c   | (Ph, Ec)      |               |
| V         | r   | (*)           | N, formerly S |
|           |     |               |               |
| AfM, B?   | u   | (*)           |               |
| R (B)     | u-c | (Ph, Ec)      |               |
| R (B)     | u   | (Ph, Ec)      |               |
| RB        | c   | (Ph, Ec, Sy)  |               |
| RB        | u-c | (Ec, Ph, Zoo) |               |
|           |     |               |               |
| AfM/NB, V |     | (*)           |               |
| PM        | r-u | (Ph)          | N             |
| AfM/B     | c   | (Ph, Ec)      |               |
| RB        | c   | (Ph, Ec)      |               |
|           |     |               |               |
| V         | r   | (*)           | N             |
| AfM       | r   | (*)           | N             |
| R (B)     | r   | (*, Dy)       | only SE?      |
| RB        | u   | (Ph, Ec, ZG)  |               |
| R (B)     | r   | (*)           |               |
| PM, V     |     | (*)           |               |
| R (B)     | r   | (*)           |               |
| RB        | u   | (Ph, Ec)      |               |

## Milvini

|                               |                       |
|-------------------------------|-----------------------|
| <i>Aviceda cuculoides</i>     | African Cuckoo Falcon |
| <i>Elanus caeruleus</i>       | Black shouldered Kite |
| <i>Elanus riocourii</i>       | Swallow-tailed Kite   |
| <i>Macheirhamphus alcinus</i> | Bat Hawk              |
| <i>Milvus migrans</i>         | Black Kite            |
| <i>Pernis apivorus</i>        | Honey Buzzard         |

## FALCONIDAE

|                          |                   |
|--------------------------|-------------------|
| <i>Falco alopex</i>      | Fox Kestrel       |
| <i>Falco ardosiaceus</i> | Grey Kestrel      |
| <i>Falco biarmicus</i>   | Lanner Falcon     |
| <i>Falco cuvieri</i>     | African Hobby     |
| <i>Falco naumanni</i>    | Lesser Kestrel    |
| <i>Falco peregrinus</i>  | Peregrine Falcon  |
| <i>Falco subbuteo</i>    | European Hobby    |
| <i>Falco tinnunculus</i> | Common Kestrel    |
| <i>Falco vespertinus</i> | Red-footed Falcon |

## PHASIANIDAE

### Phasianinae

|                                 |                          |
|---------------------------------|--------------------------|
| <i>Coturnix chinensis</i>       | Blue Quail               |
| <i>Coturnix coturnix</i>        | Common Quail             |
| <i>Coturnix delegorguei</i>     | Harlequin Quail          |
| <i>Francolinus achantensis</i>  | Ahanta Francolin         |
| <i>Francolinus bicalcaratus</i> | Double spurred Francolin |
| <i>Francolinus lathamii</i>     | Forest Francolin         |

### Numidinae

|                              |                            |
|------------------------------|----------------------------|
| <i>Agelastes meleagrides</i> | White breasted Guinea Fowl |
| <i>Guttera edouardi</i>      | Crested Guineafowl         |
| <i>Numida meleagris</i>      | Helmeted Guineafowl        |

|                 |     |                  |              |
|-----------------|-----|------------------|--------------|
| R (B) AfM       | u   | (Ec, Ph, Sy, Dy) |              |
| R?, AfM         | u   | (Ph, Ec)         |              |
| V               |     | (*)              | N            |
| R (B)?, AfM     | u   | (Ph, Ec)         |              |
| PM, AfM/B       | u-c | (Ph, Ec, Sy, ZG) |              |
| PM              | c   | (Ph, Ec)         |              |
| RB?, AfM        | u   | (*)              |              |
| RB?, AfM        | u   | (*)              | N            |
| V?              | r   | (*)              | N            |
| RB?, AfM        | u   | (Ec, Ph)         |              |
| PM              | r   | (Ph, *)          |              |
| R (B), AfM?, PM | r-u | (*)              |              |
| PM              | u   | (Ph, Ec, *)      | N            |
| PM, AfM?        | u-c | (Ph, Sy)         |              |
| PM              | r   | (Ph, *)          |              |
| (R?) B, AfM     | u   | (Ph, Ec)         |              |
| PM              | r   | (Ph)             |              |
| AfM             | r   | (*)              | N            |
| RB              | c   | (Ph)             |              |
| R (B)           | c   | (Ph, Ec, ZG)     |              |
| RB              | c   | (Ph, Ec)         | PF, F        |
| RB              | r-u | (Ph, Ec, *)      | PF           |
| RB              | u-c | (Ph, Ec)         | F, PF        |
| R (B)           | r   | (Ph, Ec, *)      | N, extinct ? |

## TURNICIDAE

*Turnix sylvatica*

Button Quail

## RALLIDAE

Rallinae

*Canirallus oculus*

Grey-throated Rail

*Crex egregia*

African Crake

*Gallinula chloropus*

Moorhen

*Gallinula angulata*

Lesser Moorhen

*Himantornis haematopus*

Nkulenga Rail

*Limnocorax flavirostris*

Black Crake

*Porphyrio alleni*

Allen's Gallinule

*Porphyrio porphyrio*

Purple Gallinule

*Porzana porzana*

Spotted Crake

*Porzana parva*

Little Crake

*Sarothrura elegans*

Buff-spotted Crake

*Sarothrura pulchra*

White-spotted Crake

*Sarothrura rufa*

Red-chested Crake

## HELIORNITHIDAE

*Podica senegalensis*

Finfoot

## JACANIDAE

*Actophilornis africana*

African Jacana

[*Microparra capensis*

Lesser Jakana

## ROSTRATULIDAE

*Rostratula benghalensis*

Painted Snipe

## HAEMATOPODIDAE

*Haematopus ostralegus*

Oystercatcher



|                |     |                 |    |
|----------------|-----|-----------------|----|
| AfM/B          |     | (Ph, Ec, *)     |    |
| RB             | u   | (Ph, Ec, ZG)    | PF |
| R?, B, AfM     | c   | (Ph)            |    |
| RB?, AfM       | r-u | (*)             |    |
| RB?, AfM       | r   | (*)             |    |
| R (B)          | u-c | (Ph, Ec, ZG)    |    |
| RB             | c   | (Ph)            |    |
| RB?, AfM       | u   | (Ph, ZG)        |    |
| R (B), AfM     | u   | (Ph, Ec, ZG)    |    |
| PM             | u   | (Ph, Ec, *)     |    |
| PM             | r   | (Ph, Ec)        |    |
| R (B)          | u   | (Ph, Ec, ZG, *) |    |
| RB             | u-c | (Ph, Ec, *)     |    |
| R (B)          | r   | (Ph, Ec, *)     |    |
| RB             | c   | (Ph, Ec, ZG)    |    |
| RB, AfM?<br>V? |     | (Ph, ZG)        |    |
| (RB), AfM      | u   | (Ph, *)         |    |
| PM             |     | (*)             |    |

## RECURVIROSTRIDAE

|                               |                    |
|-------------------------------|--------------------|
| <i>Himantopus himantopus</i>  | Black-winged Stilt |
| <i>Recurvirostra avosetta</i> | Avocet             |

## BURHINIDAE

|                              |                    |
|------------------------------|--------------------|
| <i>Burhinus senegalensis</i> | Senegal Thick-knee |
| <i>Burhinus vermiculatus</i> | Water Thick-knee   |

## GLAREOLIDAE

### Cursorinae

|                             |                 |
|-----------------------------|-----------------|
| <i>Pluvianus aegypticus</i> | Egyptian Plover |
|-----------------------------|-----------------|

### Glareolinae

|                            |                   |
|----------------------------|-------------------|
| <i>Glareola nuchalis</i>   | Rock Pratincole   |
| <i>Glareola pratincola</i> | Common Pratincole |

## CHARADRIIDAE

|                                      |                                |
|--------------------------------------|--------------------------------|
| <i>Charadrius alexandrinus</i>       | Kentish Plover                 |
| <i>Charadrius dubius</i>             | Little Ringed Plover           |
| <i>Charadrius forbesii</i>           | Forbe's Banded Plover          |
| <i>Charadrius hiaticula</i>          | Ringed Plover                  |
| <i>Charadrius leschenaultii</i>      | Greater Sand Plover            |
| <i>Charadrius marginatus</i>         | White fronted Sand Plover      |
| <i>Charadrius mongolus/asiaticus</i> | Mongolian/Caspian Plover       |
| <i>Pluvialis dominica/apricaria</i>  | Golden Plover                  |
| <i>Pluvialis squatarola</i>          | Grey Plover                    |
| <i>Vanellus albiceps</i>             | Blackshouldered Wattled Plover |
| <i>Vanellus lugubris</i>             | Senegal Plover                 |
| <i>Vanellus senegallus</i>           | Senegal Wattled Plover         |
| <i>Vanellus spinosus</i>             | Spur-winged Plover             |

|           |     |              |       |
|-----------|-----|--------------|-------|
| AfM/PM?   | u   | (*)          |       |
| PM or AfM | r   | (*)          |       |
| AfM       | r   | (*)          |       |
| RB, AfM?  | u-c | (Ph)         | CS    |
| AfM/NB    |     | (*)          |       |
| RB, AfM/B | c   | (Ph)         |       |
| AfM/B     | u   | (Ph, Ec)     | CS    |
| PM        | r-u | (Ph)         | CS    |
| PM        | u   | (Ph)         |       |
| RB?, AfM  | c   | (Ph, Ec, ZG) |       |
| PM        | u   | (Ph, Ec, Sy) |       |
| PM, V     | r   | (*)          |       |
| RB?, AfM  | r   | (*)          |       |
| PM, V     |     | (*, Sy)      |       |
| PM        | r   | (Ph, Sy)     |       |
| PM        | u   | (Ph, Ec)     | CS    |
| RB, AfM   | u   | (Ph, Ec)     |       |
| AfM/B     | c   | (Ph, Ec)     | CS, L |
| AfM       | r-u | (*)          |       |
| V         | r   | (*)          | CS    |

## SCOLOPACIDAE

## Tringinae

|                          |                     |    |
|--------------------------|---------------------|----|
| <i>Limosa lapponica</i>  | Bar-tailed Godwit   | PM |
| <i>Limosa limosa</i>     | Black-tailed Godwit | PM |
| <i>Numenius arquata</i>  | Curlew              | PM |
| <i>Numenius phaeopus</i> | Whimbrel            | PM |

## Tringini

|                           |                  |    |
|---------------------------|------------------|----|
| <i>Tringa erythropus</i>  | Spotted Redshank | PM |
| <i>Tringa glareola</i>    | Wood Sandpiper   | PM |
| <i>Tringa hypoleucos</i>  | Common Sandpiper | PM |
| <i>Tringa nebularia</i>   | Greenshank       | PM |
| <i>Tringa ochropus</i>    | Green Sandpiper  | PM |
| <i>Tringa stagnatilis</i> | Marsh Sandpiper  | PM |
| <i>Tringa totanus</i>     | Redshank         | PM |

## Arenariinae

|                           |           |    |
|---------------------------|-----------|----|
| <i>Arenaria interpres</i> | Turnstone | PM |
|---------------------------|-----------|----|

## Phalaropinae

|                              |                |    |
|------------------------------|----------------|----|
| <i>Phalaropus fulicarius</i> | Grey Phalarope | PM |
|------------------------------|----------------|----|

## Gallinagoninae

|                            |              |    |
|----------------------------|--------------|----|
| <i>Gallinago gallinago</i> | Common Snipe | PM |
| <i>Gallinago media</i>     | Great Snipe  | PM |
| <i>Lymnocyptes minima</i>  | Jack Snipe   | PM |

## Calidrinae

|                         |            |    |
|-------------------------|------------|----|
| <i>Calidris alba</i>    | Sanderling | PM |
| <i>Calidris alpina</i>  | Dunlin     | PM |
| <i>Calidris canutus</i> | Knot       | PM |

|     |              |    |
|-----|--------------|----|
| r   | (*)          |    |
| r   | (*)          |    |
| u   | (*)          | CS |
| u-c | (Ph, Dy)     | CS |
|     |              |    |
| r   | (*)          | CS |
| c   | (Ph)         |    |
| a   | (Ph)         |    |
| u-c | (Ph, Ec)     |    |
| u-c | (Ph, Ec)     |    |
| r-u | (*)          | CS |
| u   | (Ph, Ec, Sy) | CS |
|     |              |    |
| u   | (Ph)         | CS |
|     |              |    |
|     | (*)          |    |
|     | (Ph, Ec)     |    |
|     | (*)          |    |
|     | (*)          |    |
|     |              |    |
| u-c | (Ph)         | CS |
| r   | (*)          |    |
| u   | (*)          | CS |

|                            |                    |
|----------------------------|--------------------|
| <i>Calidris ferruginea</i> | Curlew Sandpiper   |
| <i>Calidris melanotos</i>  | Pectoral Sandpiper |
| <i>Calidris minuta</i>     | Little Stint       |
| <i>Calidris temminckii</i> | Temminck's Stint   |
| <i>Philomachus pugnax</i>  | Ruff               |

#### STERCOCARIIDAE

|                                 |                  |
|---------------------------------|------------------|
| <i>Stercorarius longicaudus</i> | Long-tailed Skua |
| <i>Stercorarius parasiticus</i> | Arctic Skua      |
| <i>Stercorarius pomarinus</i>   | Pomarine Skua    |
| <i>Stercorarius skua</i>        | Great Skua       |

#### LARIDAE

##### Larinae

|                             |                          |
|-----------------------------|--------------------------|
| <i>Larus cirrhocephalus</i> | Grey-headed Gull         |
| <i>Larus fuscus</i>         | Lesser Black-backed Gull |
| <i>Larus ridibundus</i>     | Black-headed Gull        |
| <i>Larus sabini</i>         | Sabine's Gull            |

##### Sterninae

|                           |                         |
|---------------------------|-------------------------|
| <i>Anous stolidus</i>     | Noddy                   |
| <i>Anous tenuirostris</i> | White-capped Noddy      |
| <i>Sterna albifrons</i>   | Little Tern             |
| <i>Sterna anaethetus</i>  | Bridled Tern            |
| <i>Sterna balaenarum</i>  | Damara Tern             |
| <i>Sterna dougallii</i>   | Roseate Tern            |
| <i>Sterna fuscata</i>     | Sooty Tern              |
| <i>Sterna hirundo</i>     | Common Tern             |
| <i>Sterna hybrida</i>     | Whiskered Tern          |
| <i>Sterna leucoptera</i>  | White-winged Black Tern |
| <i>Sterna maxima</i>      | Royal Tern              |
| <i>Sterna nilotica</i>    | Gull-billed Tern        |

|           |     |          |       |
|-----------|-----|----------|-------|
| PM        | u-c | (Ph)     | CS    |
| PM/NM, V  |     | (*)      |       |
| PM        | u   | (*)      |       |
| PM        | u   | (Ph, Ec) |       |
| PM        | r   | (*)      |       |
| PM        | r   | (*)      | Ocean |
| PM        | u   | (Ph, Ec) | Ocean |
| PM        | u   | (*)      | Ocean |
| PM        | r   | (*)      | Ocean |
| AfM/NB, V |     | (*)      | CS    |
| PM        | u   | (Ph, Sy) | CS    |
| PM        | r   | (Ph, Ec) |       |
| PM        | r   | (*)      | Ocean |
| V         |     | (*)      | Ocean |
| V         |     | (*)      | Ocean |
| PM?/AfM?  | u   | (Ph, Sy) | CS    |
| V         |     | (*)      | Ocean |
| V         |     | (*)      | CS    |
| PM        | u   | (Ph, Ec) | CS    |
| AfM/NM/NB | r   | (*)      | Ocean |
| PM        | a   | (Ph, Ec) | CS    |
| PM        | r   | (*)      |       |
| PM        | r   | (*)      |       |
| AfM/NB    | c   | (Ph)     | CS    |
| PM        | r   | (*)      |       |

|                            |               |
|----------------------------|---------------|
| <i>Sterna nigra</i>        | Black Tern    |
| <i>Sterna paradisea</i>    | Arctic Tern   |
| <i>Sterna sandvicensis</i> | Sandwich Tern |
| <i>Sterna tschegrava</i>   | Caspian Tern  |

#### RHYNCHOPIDAE

|                               |                 |
|-------------------------------|-----------------|
| <i>Rhynchops flavirostris</i> | African Skimmer |
|-------------------------------|-----------------|

#### COLUMBIDAE

|                                  |                        |
|----------------------------------|------------------------|
| <i>Aplopelia larvata</i>         | Lemmon Dove            |
| [ <i>Columba livia</i>           | Rock Pigeon            |
| <i>Columba malherbii</i>         | Bronze-naped Pigeon    |
| <i>Columba uncinata</i>          | African Wood Pigeon    |
| <i>Streptopelia semitorquata</i> | Red-eyed Pigeon        |
| <i>Streptopelia senegalensis</i> | Laughing Dove          |
| <i>Streptopelia vinacea</i>      | Vinaceous Dove         |
| <i>Treron calva</i>              | African Green Pigeon   |
| <i>Turtur abyssinicus</i>        | Black-billed Wood Dove |
| <i>Turtur afer</i>               | Blue-spotted Wood Dove |
| <i>Turtur brehmeri</i>           | Blue-headed Wood Dove  |
| <i>Turtur tympanistra</i>        | Tambourine Dove        |

#### PSITTACIDAE

|                                 |                         |
|---------------------------------|-------------------------|
| <i>Agapornis pullaria</i>       | Red-headed Lovebird     |
| <i>Agapornis swinderiana</i>    | Black-collared Lovebird |
| <i>Poicephalus gularis</i>      | Red-crowned Parrot      |
| <i>Poicephalus robustus</i>     | Brown-necked Parrot     |
| <i>Poicephalus senegalensis</i> | Senegal Parrot          |
| <i>Psittacula krameri</i>       | Rose-ringed Parakeet    |
| <i>Psittacus erithacus</i>      | Grey Parrot             |



|                   |     |              |                   |
|-------------------|-----|--------------|-------------------|
| PM                | a   | (Ph, Ec)     | CS                |
| PM                | c   | (*)          | CS                |
| PM                | c   | (Ph)         | CS                |
| PM                | r   | (*)          | CS                |
| RB?, AfM          | r-u | (*)          |                   |
| R (B)<br>rejected |     | (*)          | M, L              |
| RB                | c   | (Ph, Ec, ZG) |                   |
| RB                | u-c | (*)          | PF                |
| RB, AfM           | a   | (Ph)         |                   |
| RB?               | r   | (*)          |                   |
| AfM               | r   | (*)          |                   |
| RB, AfM           | a   | (Ph, Ec)     |                   |
| RB?, AfM?         | r   | (*)          | N                 |
| RB                | a   | (Ph)         |                   |
| RB                | c   | (Ph, Ec)     |                   |
| RB, AfM           | c   | (Ph)         |                   |
| R?                | r   | (*)          | escaped birds?    |
| R (B)             | r   | (*)          | PF                |
| R (B)             | u   | (Ph, Ec, *)  | PF                |
| RB?               | r   | (*)          |                   |
| RB?               | r   | (*)          | L, CS introduced? |
| RB?, AfM          | r   | (*)          | L, CS             |
| RB                | c   | (Ph, Ec, ZG) |                   |

## MUSOPHAGIDAE

*Corythaeola cristata*

*Crinifer piscator*

*Musophaga violacea*

*Tauraco macrorhynchos*

*Tauraco persa*

Great Blue Turaco

Grey Turaco

Violet Turaco

Verreaux's Turaco

Guinea Turaco

## CUCULIDAE

### Cuculinae

*Cercococcyx mechowi*

*Cercococcyx olivinus*

*Chrysococcyx caprius*

*Chrysococcyx cupreus*

*Chrysococcyx flavigularis*

*Chrysococcyx klaas*

*Clamator glandarius*

*Clamator levaillanti*

*Cuculus canorus*

*Cuculus clamosus*

*Cuculus gularis*

*Cuculus solitarius*

*Pachycoccyx audeberti*

Dusky Long-tailed Cuckoo

Olive Long-tailed Cuckoo

Didric Cuckoo

Emerald Cuckoo

Yellow throated Cuckoo

Klaas' Cuckoo

Great Spotted Cuckoo

Striped Cuckoo

Common Cuckoo

Black Cuckoo

Grey Cuckoo

Red-chested Cuckoo

Thick-billed Cuckoo

### Phaenicophaeninae

*Ceuthmochares aereus*

Yellowbill

### Centropinae

*Centropus leucogaster*

*Centropus grillii*

*Centropus monachus*

*Centropus senegalensis*

Black-throated Coucal

Black Coucal

Blue headed Coucal

Senegal Coucal

|       |     |              |         |
|-------|-----|--------------|---------|
| RB    | r-c | (Ph)         |         |
| R (B) | u   | (*)          | CS + GS |
| R (B) | r   | (*)          | N       |
| R (B) | c   | (Ph, Ec)     |         |
| R (B) | r-c | (Ph, Ec, ZG) | L       |

|            |     |                  |    |
|------------|-----|------------------|----|
| R (B)      | u-c | (*)              | PF |
| R (B)      | u-c | (*)              | PF |
| RB, AfM    | c   | (Ph, Ec, ZG)     |    |
| R (B)      | c   | (Ph, Ec)         |    |
| R (B)      | r   | (*)              | PF |
| R (B), AfM | c   | (Ph, Ec)         |    |
| PM?, AfM   | r   | (*)              |    |
| R (B), AfM | u   | (Ph, Ec)         |    |
| PM         | u   | (Ph, Ec)         |    |
| R (B), AfM | r   | (Ph, Ec, ZG, Sy) |    |
| AfM        | r   | (*)              |    |
| R (B)      | c   | (Ph, Ec)         |    |
| R (B)      | r   | (*)              | PF |

RB (Ph, Ec)

|            |        |          |       |
|------------|--------|----------|-------|
| RB         | c      | (Ph)     | PF, F |
| R (B), AfM | uS, cN | (Ph, Ec) |       |
| R (B)      | r      | (*)      |       |
| R (B)      | c      | (Ph)     |       |

## TYTONIDAE

*Tyto alba*

Barn Owl

## STRIGIDAE

### Buboninae

*Asio flammeus*

Short-eared Owl

*Bubo africanus*

Spotted Eagle Owl

*Bubo lacteus*

Verreaux's Eagle Owl

*Bubo leucostictus*

Akun Eagle Owl

*Bubo poensis*

Fraser's Eagle Owl

*Bubo shelleyi*

Banded Eagle Owl

*Ciccaba woodfordii*

African Wood Owl

*Glaucidium capense*

Barred Owlet

*Glaucidium perlatum*

Pearl-spotted Owlet

*Glaucidium tephronotum*

Red-chested Owlet

*Lophotrix letti*

Akun Scops Owl

*Otus icterorhynchus*

Sandy Scops Owl

*Otus leucotis*

White-faced Scops Owl

*Otus scops*

Scops Owl

*Otus senegalensis*

African Scops Owl

[*Scotopelia bouvieri*

Vermiculated Fishing Owl

*Scotopelia peli*

Pel's Fishing Owl

*Scotopelia ussheri*

Rufous Fishing Owl

## CAPRIMULGIDAE

### Caprimulginae

*Caprimulgus binotatus*

Brown Nightjar

*Caprimulgus climacurus*

Long-tailed Nightjar

*Caprimulgus europaeus*

European Nightjar

*Caprimulgus inornatus*

Plain Nightjar

*Caprimulgus natalensis*

White-tailed Nightjar

*Caprimulgus pectoralis*

Dusky Nightjar

|             |     |          |        |
|-------------|-----|----------|--------|
| RB          | u-c | (Ph)     |        |
| PM, V       |     | (*)      |        |
| R (B)       | r-u | (*)      |        |
| R (B)       | r   | (*)      | N      |
| RB          | u-c | (*)      | PF, F  |
| RB          | u-c | (*)      | PF, F  |
| R (B)       | r   | (*)      | PF     |
| RB          | c   | (Ph, Ec) |        |
| RB          | u   | (*)      | PF     |
| R (B)       | r   | (*)      |        |
| RB          | u   | (*)      | PF     |
| RB          | r   | (*)      | PF     |
| R (B)       | r-u | (*)      | PF     |
| RB          | u-c | (*)      | CS, GS |
| PM          | u   | (*)      | CS, GS |
| R (B)       | r   | (*)      | N      |
| RB          | r-u | (*)      |        |
| RB          | r-u | (*)      |        |
| R (B)       | r   | (*)      | Nimba  |
| AfM/NB      | c   | (Ph, Sy) |        |
| PM          | r   | (Ph)     |        |
| AfM/B, AfM  | u   | (*, Ph)  |        |
| AfM/B, AfM? | u   | (*)      |        |
| RB?, AfM?   | r   | (*)      |        |

|                                  |                          |
|----------------------------------|--------------------------|
| <i>Caprimulgus ruficollis</i>    | Red-necked Nightjar      |
| <i>Caprimulgus tristigma</i>     | Freckled Nightjar        |
| <i>Macrodipteryx longipennis</i> | Standard-winged Nightjar |

## APODIDAE

### Apodinae

#### Chaeturini

|                             |                                  |
|-----------------------------|----------------------------------|
| <i>Chaetura cassini</i>     | Cassin's Spinetail               |
| <i>Chaetura melanopygia</i> | Ituri Mottled-throated Spinetail |
| <i>Chaetura sabini</i>      | Sabine's Spinetail               |
| <i>Chaetura ussheri</i>     | Mottled-throated Spinetail       |

### Apodini

|                                    |                    |
|------------------------------------|--------------------|
| <i>Apus aequatorialis</i>          | Mottled Swift      |
| <i>Apus affinis</i>                | Little Swift       |
| <i>Apus apus</i>                   | European Swift     |
| <i>Apus (barbatus granvillei?)</i> |                    |
| <i>Apus batesi</i>                 | Black Swift        |
| <i>Apus caffer</i>                 | White-rumped Swift |
| <i>Apus melba</i>                  | Alpine Swift       |
| <i>Apus pallidus</i>               | Pallid Swift       |
| <i>Cypsiurus parvus</i>            | Palm Swift         |

## TROGONIDAE

|                          |                 |
|--------------------------|-----------------|
| <i>Apaloderma narina</i> | Narina's Trogon |
|--------------------------|-----------------|

## ALCEDINIDAE

### Cerylinae

|                      |                  |
|----------------------|------------------|
| <i>Ceryle maxima</i> | Giant Kingfisher |
| <i>Ceryle rudis</i>  | Pied Kingfisher  |

|               |     |              |             |
|---------------|-----|--------------|-------------|
| PM, V         | r   | (*)          | N           |
| R (B), AfM/B? | u   | (*)          | N, M        |
| AfM/B         | u-c | (Ph, Ec)     |             |
| (RB), AfM     | u   | (Ph, Ec, *)  |             |
| R (B), AfM    | u   | (*)          | PF          |
| RB, AfM?      | u-c | (Ph)         | PF, F       |
| RB?, AfM      | r   | (*)          |             |
| V, AfM        | r   | (*)          |             |
| RB, AfM       | c   | (Ph, ZG)     |             |
| PM            | a   | (Ph)         |             |
| (RB)          | r   | (*, Zoo, Sy) | N           |
| (RB), AfM?    | r   | (*)          | N, M, PF, F |
| (RB), AfM     | r   | (*)          | N + W       |
| PM            | r   | (*, Sy)      |             |
| PM            | r   | (*)          |             |
| RB            | c   | (Ph)         |             |
| RB            | u   | (*)          | PF          |
| RB, AfM?      | u   | (Ph, Ec)     |             |
| RB, AfM?      | u   | (Ph)         |             |

## Alcedininae

|                             |                          |
|-----------------------------|--------------------------|
| <i>Alcedo cristata</i>      | Malachite Kingfisher     |
| <i>Alcedo leucogaster</i>   | White-bellied Kingfisher |
| <i>Alcedo quadribrachys</i> | Shining-blue Kingfisher  |
| <i>Ceyx lecontei</i>        | Dwarf Kingfisher         |
| <i>Ceyx picta</i>           | Pygmy Kingfisher         |

## Daceloninae

|                             |                             |
|-----------------------------|-----------------------------|
| <i>Halcyon badia</i>        | Chocolate-backed Kingfisher |
| <i>Halcyon chelicuti</i>    | Striped Kingfisher          |
| <i>Halcyon leucocephala</i> | Grey-headed Kingfisher      |
| <i>Halcyon malimbica</i>    | Blue-breasted Kingfisher    |
| <i>Halcyon senegalensis</i> | Senegal Kingfisher          |

## MEROPIDAE

|                             |                          |
|-----------------------------|--------------------------|
| <i>Merops albicollis</i>    | White-throated Bee-eater |
| <i>Merops apiaster</i>      | European Bee-eater       |
| <i>Merops gularis</i>       | Black bee-eater          |
| <i>Merops hirundineus</i>   | Swallow-tailed Bee-eater |
| <i>Merops muelleri</i>      | Blue-headed Bee-eater    |
| <i>Merops nubicus</i>       | Carmine Bee-eater        |
| <i>Merops pusillus</i>      | Little Bee-eater         |
| <i>Merops superciliosus</i> | Blue-cheeked Bee-eater   |

## CORACIIDAE

|                               |                       |
|-------------------------------|-----------------------|
| <i>Coracias abyssinica</i>    | Abyssinian Roller     |
| [ <i>Coracias cyanogaster</i> | Blue-bellied Roller   |
| <i>Coracias garrulus</i>      | European Roller       |
| <i>Coracias naevia</i>        | Rufous-crowned Roller |
| <i>Eurystomus glaucurus</i>   | Broad-billed Roller   |
| <i>Eurystomus gularis</i>     | Blue-throated Roller  |



|               |     |          |        |
|---------------|-----|----------|--------|
| RB, AfM/NB    | c   | (Ph)     |        |
| RB            | c   | (Ph)     | F, PF  |
| RB            | c   | (Ph)     |        |
| R (B)         | r-c | (Ph, Ec) | PF     |
| (RB), AfM/NB  | c   | (Ph)     |        |
| RB            | u-c | (Ph, ZG) | PF, F  |
| AfM/NB, V     |     | (*)      | N      |
| AfM/B, AfM/NB | u-c | (Ph)     |        |
| RB            | c   | (Ph)     |        |
| RB, AfM/NB    | c   | (Ph, Ec) |        |
| AfM/NB        | a   | (Ph)     |        |
| PM            | r   | (*)      | N, M   |
| (RB), AfM/B   | u-c | (Ph)     |        |
| RB?, V?       | r   | (*)      | N      |
| RB            | r-u | (*)      | PF     |
| AfM/NB        | r   | (*)      |        |
| RB, AfM/B     | u-c | (Ph)     | CS, GS |
| PM?, AfM/B?   | u   | (*, Sy)  | L, CS  |
| AfM/NB        | r-u | (*)      |        |
|               |     |          | N?     |
| PM            | r   | (*)      |        |
| AfM/NB        | r   | (*)      |        |
| AfM/NB, AfM/B | a   | (Ph)     |        |
| RB, AfM       | u-c | (Ph, Ec) |        |

## UPUPIDAE

*Upupa epops*

Hoopoe

## PHOENICULIDAE

*Phoeniculus bollei*

Buff-headed Wood-Hoopoe

*Phoeniculus castaneiceps*

Forest Wood-Hoopoe

## BUCEROTIDAE

*Bycanistes cylindricus*

Brown-cheeked Hornbill

*Bycanistes fistulator*

Piping Hornbill

*Bycanistes subcylindricus*

Black-and-White-casqued Hornbill

*Ceratogymna atrata*

Black-casqued Hornbill

*Ceratogymna elata*

Yellow-casqued Hornbill

*Tockus camurus*

Red-billed Dwarf-Hornbill

*Tockus fasciatus*

Pied Hornbill

*Tockus hartlaubi*

Black Dwarf Hornbill

*Tockus nasutus*

Grey Hornbill

*Tropicranus albocristatus*

White-crested Hornbill

## CAPITONIDAE

*Buccanodon duchailloi*

Yellow-spotted Barbet

*Gymnobucco calvus*

Naked-faced Barbet

*Gymnobucco peli*

Bristle-nosed Barbet

*Lybius bidentatus*

Tooth-billed Barbet

*Lybius hirsutus*

Hairy-breasted Barbet

*Lybius vieillotti*

Vieillot's Barbet

*Pogoniulus atroflavus*

Red-rumped Tinker-bird

*Pogoniulus leucoleima*

Yellow-rumped Tinkerbird

*Pogoniulus scolopaceus*

Speckled Tinker-bird

*Pogoniulus subsulphureus*

Yellow-throated Tinker-bird

*Trachyphonus purpuratus*

Yellow-billed Barbet

|              |     |              |          |
|--------------|-----|--------------|----------|
| PM?, AfM/NB? |     | (Ph, Sy)     | CS       |
| R (B)        | u   | (*)          | PF, F    |
| RB           | u   | (*)          | PF, F    |
| R (B)        | r-u | (Ph, Ec, ZG) | PF       |
| R (B), AfM   | u-c | (Ph, Ec)     |          |
| (RB)         | r   | (*)          | N + S    |
| R (B)        | u-c | (Ph, Ec, ZG) | PF       |
| RB           | u-c | (Ph, Ec)     | PF, F    |
| RB           | u-c | (Ph)         | PF       |
| RB           | c-a | (Ph)         | F, PF    |
| R (B)        | r-u | (Ph, Ec)     | PF       |
| AfM/NB       | r   | (*)          | CS/GS    |
| RB           | u-c | (Ph)         | F, PF    |
| RB           | u-c | (Ph, Ec)     | F, PF    |
| RB           | a   | (Ph, Ec)     | F, PF    |
| RB           | r-c | (Ph, Ec, ZG) | E, F, PF |
| (RB)         | r   | (*)          | F        |
| RB           | u-c | (Ph, Ec)     | F, PF    |
| RB           | u   | (Ph)         | CS, GS   |
| RB           | c   | (Ph, Ec)     |          |
| RB           | u-c | (*)          |          |
| RB           | a   | (Ph)         |          |
| RB           | a   | (Ph, Ec, Sy) |          |
| R (B)        | u-c | (Ph, Ec)     | F, PF    |

## INDICATORIDAE

|                               |                            |
|-------------------------------|----------------------------|
| <i>Indicator conirostris</i>  | Thick-billed Honey-Guide   |
| <i>Indicator exilis</i>       | Least Honey-Guide          |
| <i>Indicator indicator</i>    | Black-throated Honey-Guide |
| <i>Indicator maculatus</i>    | Spotted Honey-Guide        |
| [ <i>Indicator minor</i>      | Lesser Honey-Guide         |
| <i>Indicator willcocksii</i>  | Willcock's Honey-Guide     |
| <i>Melichneutes robustus</i>  | Lyre-tailed Honey-Guide    |
| <i>Melignomon eisentrauti</i> | Yellow-footed Honey-Guide  |
| <i>Prodotiscus insignis</i>   | Cassin's Honey-Guide       |
| <i>Prodotiscus regulus</i>    | Wahlberg's Honey-Guide     |

## PICIDAE

### Jynginae

|                       |                  |
|-----------------------|------------------|
| <i>Jynx torquilla</i> | European Wryneck |
|-----------------------|------------------|

### Picuminae

|                            |                 |
|----------------------------|-----------------|
| <i>Verreauxia africana</i> | African Piculet |
|----------------------------|-----------------|

### Picinae

|                                  |                          |
|----------------------------------|--------------------------|
| <i>Campethera caroli</i>         | Brown-eared Woodpecker   |
| <i>Campethera maculosa</i>       | Golden-backed Woodpecker |
| <i>Campethera nivosa</i>         | Buff-spotted Woodpecker  |
| [ <i>Campethera punctuligera</i> | Fine-spotted Woodpecker  |
| [ <i>Dendropicos fuscescens</i>  | Cardinal Woodpecker      |
| <i>Dendropicos gabonensis</i>    | Gabon Woodpecker         |
| [ <i>Dendropicos obsoletus</i>   | Brown-backed Woodpecker  |
| <i>Mesopicos goertae</i>         | Grey Woodpecker          |
| <i>Mesopicos pyrrhogaster</i>    | Fire-bellied Woodpecker  |

|            |     |                |              |
|------------|-----|----------------|--------------|
| RB         | u   | (* , host)     | PF           |
| RB         | u   | (* , host)     | N, M?        |
| (RB), AfM? | r   | (*)            | N            |
| RB         | u-c | (Ph, Ec, host) | F, PF<br>GS? |
| R (B)      | u   | (* , host)     | F, PF        |
| RB         | r-u | (* , host)     | PF           |
| R (B)      | r   | (* , host)     | N + M?       |
| R (B)      | u   | (* , host)     | F, PF        |
| (RB)       | r   | (*)            | N            |
| PM         | u   | (*)            | GS           |
| R (B)      |     | (*)            | F (V. Dorka) |
| RB         | u-c | (Ph, ZG)       | PF, F        |
| RB         | u   | (Ph, Ec)       | F, PF        |
| RB         | c   | (Ph)           | GS?<br>GS?   |
| RB         | u-c | (Ph, ZG)       | GS?          |
| R (B)      | r-u | (*)            | CS, GS       |
| RB         | u-c | (Ph)           | F, PF        |

## PASSERES

## EURYLAIMIDAE

|                                 |                        |    |
|---------------------------------|------------------------|----|
| <i>Smithornis capensis</i>      | African Broadbill      | RB |
| <i>Smithornis rufolateralis</i> | Rufous-sided Broadbill | RB |

## PITTIDAE

|                         |               |            |
|-------------------------|---------------|------------|
| <i>Pitta angolensis</i> | African Pitta | RB, AfM/B? |
|-------------------------|---------------|------------|

## ALAUDIDAE

|                                 |                        |             |
|---------------------------------|------------------------|-------------|
| <i>Mirafra africana</i>         | Rufous-naped Bush-Lark | AfM/NB      |
| <i>Mirafra nigrans</i>          | Red-tailed Bush-Lark   | (RB) AfM/NB |
| [ <i>Mirafra rufocinnamomea</i> | Flappet Lark           |             |

## HIRUNDINIDAE

|                              |                                  |           |
|------------------------------|----------------------------------|-----------|
| <i>Delichon urbica</i>       | European House Martin            | PM        |
| <i>Hirundo abyssinica</i>    | Lesser Striped Swallow           | RB, AfM/B |
| <i>Hirundo daurica</i>       | Red-rumped Swallow               | RB, AfM   |
| <i>Hirundo fuligula</i>      | African Rock Martin              | RB        |
| <i>Hirundo griseopyga</i>    | Grey-rumped Swallow              | RB, AfM/B |
| <i>Hirundo lucida</i>        | Red-chested Swallow              | V         |
| <i>Hirundo nigrita</i>       | White-throated Blue Swallow      | RB        |
| <i>Hirundo rustica</i>       | European Swallow                 | PM        |
| <i>Hirundo semirufa</i>      | Rufous-chested Swallow           | RB, AfM/B |
| <i>Hirundo senegalensis</i>  | Mosque Swallow                   | V         |
| <i>Hirundo smithii</i>       | Wire-tailed Swallow              | V?        |
| <i>Psalidoprocne nitens</i>  | Square-tailed Rough-wing Swallow | RB        |
| <i>Psalidoprocne obscura</i> | Fantee Rough-wing Swallow        | (RB), AfM |
| [ <i>Riparia paludicola</i>  | African Sand Martin              |           |
| <i>Riparia riparia</i>       | European Sand Martin             | PM        |

|     |                    |             |
|-----|--------------------|-------------|
|     | (*)                | F, PF       |
|     | (Ph)               | PF          |
| r   | (*)                | F           |
| r   | (*)                | GS, M       |
| r   | (*)                | N, GS       |
| r   | (*)                |             |
| u-c | (Ph)               | L           |
| u   | (*)                | L, M, N     |
| u   | (*)                |             |
| u   | (*)                |             |
| r   | (*)                | N           |
| u-c | (Ph, ZG)           |             |
| a   | (active migration) |             |
| c   | (Ph, Ec)           |             |
|     | (*)                | N of 8.30 N |
| r   | (*)                |             |
| c   | (Ph, Ec)           | F, PF       |
| u   | (*)                | L           |
| u   | (Ph)               |             |

## MOTACILLIDAE

|                               |                          |
|-------------------------------|--------------------------|
| <i>Anthus campestris</i>      | Tawny Pipit              |
| <i>Anthus cervinus</i>        | Red-throated Pipit       |
| <i>Anthus leucophrys</i>      | Plain-backed Pipit       |
| <i>Anthus novaeseelandiae</i> | Richard's Pipit          |
| <i>Anthus similis</i>         | Long-billed Pipit        |
| <i>Anthus trivialis</i>       | Tree Pipit               |
| <i>Macronyx croceus</i>       | Yellow-throated Longclaw |
| <i>Motacilla agiump</i>       | African Pied Wagtail     |
| <i>Motacilla clara</i>        | Mountain Wagtail         |
| <i>Motacilla flava</i>        | Yellow Wagtail           |

## CAMPEPHAGIDAE

|                              |                               |
|------------------------------|-------------------------------|
| <i>Campephaga lobata</i>     | Wattled Cuckoo-Shrike         |
| <i>Campephaga phoenicea</i>  | Red-shouldered Cuckoo-Shrike  |
| <i>Campephaga quiscalina</i> | Purple-throated Cuckoo-Shrike |
| <i>Coracina azurea</i>       | Blue Cuckoo-Shrike            |

## PYCNONOTIDAE

|                                  |                           |
|----------------------------------|---------------------------|
| <i>Andropadus ansorgei</i>       | Ansorge's Greenbul        |
| <i>Andropadus curvirostris</i>   | Sombre Bulbul             |
| <i>Andropadus gracilirostris</i> | Slender-billed Bulbul     |
| <i>Andropadus gracilis</i>       | Little Grey Bulbul        |
| <i>Andropadus latirostris</i>    | Yellow-whiskered Greenbul |
| <i>Andropadus virens</i>         | Little Greenbul           |
| <i>Baeopogon indicator</i>       | Honey-Guide Greenbul      |
| <i>Bleda canicapilla</i>         | Grey-headed Bristle-bill  |
| <i>Bleda eximia</i>              | Green-tailed Bristle-bill |
| <i>Bleda syndactyla</i>          | Bristle-bill              |
| <i>Calyptocichla serina</i>      | Golden Bulbul             |
| <i>Chlorocichla simplex</i>      | Simple Leaf-love          |
| <i>Criniger barbatus</i>         | Bearded Greenbul          |
| <i>Criniger calurus</i>          | White-bearded Greenbul    |



|         |     |              |        |
|---------|-----|--------------|--------|
| PM      | r   | (*)          | N      |
| PM      | u   | (Ph, Ec)     |        |
| RB, AfM | u-c | (Ph, Ec)     | L      |
| PM      | r   | (*)          |        |
| RB      | u-c | (Ph, Ec, ZG) | M      |
| PM      | u-c | (Ph)         |        |
| RB      | u-c | (Ph)         | CS, GS |
| RB      | u   | (Ph, Ec, ZG) |        |
| RB      | r-u | (*)          |        |
| PM      | a   | (Ph, Sy)     |        |
| RB      | r   | (*)          | PF     |
| AfM     | r   | (*)          |        |
| RB      | r-u | (*)          | PF + M |
| RB      | c   | (Ph, ZG)     | PF, F  |
| R (B)   | u-c | (*, Ec, Sy)  | PF     |
| RB      | u-c | (*)          | F, PF  |
| R (B)   | c   | (Ph)         | F, PF  |
| RB      | u-c | (Ph, Ec, Sy) | F, PF  |
| RB      | a   | (Ph)         | F, PF  |
| RB      | a   | (Ph)         |        |
| RB      | c   | (*)          | F, PF  |
| RB      | c   | (Ph, Ec)     | F, PF  |
| RB      | c   | (Ph, Ec)     | F, PF  |
| RB      | c   | (Ph, Ec)     | PF     |
| R (B)   | u-c | (*)          | F, PF  |
| RB      | a   | (Ph)         |        |
| RB      | c   | (Ph)         | F, PF  |
| RB      | c   | (Ph)         | F, PF  |

|                                   |                                |
|-----------------------------------|--------------------------------|
| <i>Criniger olivaceus</i>         | Yellow-throated Olive Greenbul |
| <i>Ixonotus guttatus</i>          | Spotted Greenbul               |
| <i>Nicator chloris</i>            | West-African Nicator           |
| <i>Phyllastrephus albigularis</i> | White-Throated Greenbul        |
| <i>Phyllastrephus baumanni</i>    | Baumann's Greenbul             |
| <i>Phyllastrephus leucolepsis</i> |                                |
| <i>Phyllastrephus icterinus</i>   | Icterine Greenbul              |
| <i>Phyllastrephus scandens</i>    | Leaf-love                      |
| <i>Pycnonotus barbatus</i>        | Common Bulbul                  |
| <i>Thescelocichla leucopleura</i> | Swamp-Palm Bulbul              |

## LANIIDAE

### Prionopinae

|                          |                   |
|--------------------------|-------------------|
| <i>Prionops caniceps</i> | Red-billed Shrike |
|--------------------------|-------------------|

### Malaconotinae

|                                     |                              |
|-------------------------------------|------------------------------|
| <i>Dryoscopus gambensis</i>         | Gambian Puff-back Shrike     |
| <i>Dryoscopus sabinii</i>           | Sabine's Puff-back Shrike    |
| <i>Laniarius barbarus</i>           | Barbary Shrike               |
| <i>Laniarius ferrugineus</i>        | Bell Shrike                  |
| <i>Laniarius leucorhynchus</i>      | Sooty Boubou Shrike          |
| <i>Malaconotus cruentus</i>         | Fiery-breasted Bush-Shrike   |
| <i>Malaconotus lagdeni</i>          | Lagden's Bush Shrike         |
| <i>Malaconotus multicolor</i>       | Many-coloured Bush-Shrike    |
| [ <i>Malaconotus sulfureopectus</i> | Sulphur-breasted Bush-Shrike |
| <i>Nilaus afer</i>                  | Brubru Shrike                |
| <i>Tchagra australis</i>            | Brown-headed Tchagra         |
| <i>Tchagra minuta</i>               | Blackcap Tchagra             |
| <i>Tchagra senegala</i>             | Black-headed Tchagra         |

### Laniinae

|                        |                 |
|------------------------|-----------------|
| <i>Lanius collaris</i> | Fiscal Shrike   |
| <i>Lanius senator</i>  | Woodchat Shrike |

|       |     |          |             |
|-------|-----|----------|-------------|
| RB    | r-c | (*)      | PF          |
| RB    | c   | (Ph, Ec) | F, PF       |
| RB    | c   | (Ph, Ec) | F, PF       |
| R (B) | u   | (*)      | N?          |
| R (B) | u   | (*)      | N, M        |
| R (B) | r   | (*)      | Gatter 1985 |
| RB    | a   | (Ph)     | F, PF       |
| RB    | u   | (*)      | F, PF       |
| RB    | a   | (Ph)     |             |
| RB    | c   | (Ph, Ec) | F, PF       |

|    |     |          |    |
|----|-----|----------|----|
| RB | u-c | (Ph, Ec) | PF |
|----|-----|----------|----|

|            |     |              |       |
|------------|-----|--------------|-------|
| RB         | u-c | (Ph, Ec, ZG) |       |
| R (B)      | u   | (Ph, Ec)     | PF, F |
| (RB), AfM? | r   | (*)          | CS    |
| R (B)      | r   | (*)          | N     |
| RB         | u   | (*)          |       |
| RB         | u-c | (Ph, Ec, ZG) | F, PF |
| RB         | u   | (Ph, Ec, ZG) | PF    |
| RB         | c   | (Ph, Ec)     | PF, F |
|            |     |              | N?    |
| V, AfM?    |     | (*)          |       |
| R (B)      | u   | (*)          | N + S |
| (RB)       | r   | (*)          | N     |
| RB         | u-c | (*)          | CS    |

|    |   |      |
|----|---|------|
| RB | a | (Ph) |
| PM | u | (Ph) |

## MUSCICAPIDAE

## Turdinae

|                                  |                              |       |
|----------------------------------|------------------------------|-------|
| <i>Alethe diademata</i>          | Fire-crest Alethe            | RB    |
| <i>Alethe poliocephala</i>       | Brown-chested Alethe         | RB    |
| <i>Cercotrichas leucosticta</i>  | Northern-bearded Scrub-Robin | RB    |
| <i>Cossypha cyanocampter</i>     | Blue-shouldered Robin-Chat   | RB    |
| <i>Cossypha niveicapilla</i>     | Snowy-crowned Robin-Chat     | R (B) |
| <i>Cossypha polioptera</i>       | White-browed Robin-Chat      | R (B) |
| <i>Luscinia megarhynchos</i>     | Nightingale                  | PM    |
| <i>Monticola saxatilis</i>       | Rock-Thrush                  | PM    |
| <i>Monticola solitaria</i>       | Blue Rock-Thrush             | PM    |
| <i>Myrmecocichla nigra</i>       | Sooty Chat                   | V     |
| <i>Neocossyphus poensis</i>      | White-tailed Ant Thrush      | RB    |
| <i>Oenanthe oenanthe</i>         | Wheatear                     | PM    |
| <i>Phoenicurus phoenicurus</i>   | Redstart                     | PM    |
| <i>Saxicola rubetra</i>          | Whinchat                     | PM    |
| <i>Saxicola torquata</i>         | Stonechat                    | V     |
| <i>Shephardia cyornithopsis</i>  | Akalat                       | RB    |
| <i>Stiphrornis erythrothorax</i> | Forest Robin                 | RB    |
| <i>Stizorhina fraseri</i>        | Finch's Rufous Flycatcher    | RB    |
| <i>Turdus pelios</i>             | Olive Thrush                 | RB    |
| <i>Turdus princei</i>            | Grey Ground-Thrush           | RB    |

## Timaliinae

|                               |                          |       |
|-------------------------------|--------------------------|-------|
| <i>Phyllanthus atripennis</i> | Capuchin Babbler         | RB    |
| <i>Trichastoma cleaveri</i>   | Black-cap Illadopsis     | RB    |
| <i>Trichastoma fulvescens</i> | Brown Illadopsis         | RB    |
| <i>Trichastoma puveli</i>     | Puvel's Illadopsis       | RB    |
| <i>Trichastoma rufescens</i>  | Rufous-winged Illadopsis | R (B) |
| <i>Trichastoma rufipennis</i> | Pale-breasted Illadopsis | RB    |

## Picathartinae

|                                  |                        |    |
|----------------------------------|------------------------|----|
| <i>Picathartes gymnocephalus</i> | Yellow-headed Rockfowl | RB |
|----------------------------------|------------------------|----|

|     |              |       |
|-----|--------------|-------|
| a   | (Ph, Ec)     | F, PF |
| a   | (Ph, Ec)     | F, PF |
| r-u | (*)          | PF    |
| u   | (*)          | F, PF |
| r-u | (*, ZG)      | L     |
| r   | (*)          | N, M  |
| u-c | (Ph)         |       |
| r-u | (*)          | M     |
| r-u | (*)          | M, N  |
|     | (*)          | N     |
| u-c | (Ph, Ec)     | F, PF |
| r   | (*)          |       |
| r   | (*)          | N     |
| c   | (Ph)         |       |
| r   | (*)          | N     |
| r-c | (Ph, Ec, ZG) | L     |
| c   | (Ph, Ec)     |       |
| u-c | (Ph, Ec)     | PF    |
| r-u | (Ph, Ec, ZG) |       |
| r-u | (Ph, Ec, ZG) | PF    |
| r-c | (Ph, Ec, ZG) | F, L  |
| u-c | (Ph, Ec)     | F, PF |
| c   | (Ph, Ec)     |       |
| u   | (Ph, Ec, ZG) | F, PF |
| u-c | (Ph, Ec, ZG) | PF    |
| c   | (Ph, Ec)     | F, PF |
| r-u | (*)          | PF    |

## Sylviinae

|                                    |                           |
|------------------------------------|---------------------------|
| <i>Acrocephalus arundinaceus</i>   | Great Reed Warbler        |
| [ <i>Acrocephalus rufescens</i>    | Rufous Swamp Warbler      |
| <i>Acrocephalus schoenobaenus</i>  | Sedge Warbler             |
| <i>Acrocephalus scirpaceus</i>     | Reed Warbler              |
| <i>Apalis nigriceps</i>            | Black-capped Apalis       |
| <i>Apalis sharpii</i>              | Sharpe's Apalis           |
| <i>Bathmocercus cerviniventris</i> | Black-capped Warbler      |
| <i>Camaroptera brachyura</i>       | Grey-backed Camaroptera   |
| <i>Camaroptera chloronata</i>      | Green-backed Camaroptera  |
| <i>Camaroptera superciliaris</i>   | Yellow-browed Camaroptera |
| <i>Cisticola aberrans</i>          | Rock-loving Cisticola     |
| <i>Cisticola brachyptera</i>       | Siffling Cisticola        |
| <i>Cisticola cantans</i>           | Singing Cisticola         |
| <i>Cisticola erythrops</i>         | Red-faced Cisticola       |
| [ <i>Cisticola galactotes</i>      | Winding Cisticola         |
| [ <i>Cisticola juncides</i>        | Zitting Cisticola         |
| <i>Cisticola lateralis</i>         | Whistling Cisticola       |
| <i>Cisticola natalensis</i>        | Croaking Cisticola        |
| [ <i>Cisticola rufa</i>            | Rufous Cisticola          |
| <i>Eremomela badiceps</i>          | Brown crowned Eremomela   |
| <i>Hippolais icterina</i>          | Icterine Warbler          |
| <i>Hippolais pallida</i>           | Olivaceous Warbler        |
| <i>Hippolais polyglotta</i>        | Melodious Warbler         |
| <i>Hylia prasina</i>               | Green Hylia               |
| <i>Hypergerus atriceps</i>         | Oriole Warbler            |
| <i>Locustella naevia</i>           | Grasshopper Warbler       |
| <i>Macrosphenus concolor</i>       | Grey Longbill             |
| <i>Macrosphenus kempii</i>         | Kemp's Longbill           |
| <i>Pholidornis rushiae</i>         | Tit-Hylia                 |
| <i>Phylloscopus sibilatrix</i>     | Wood Warbler              |
| <i>Phylloscopus trochilus</i>      | Willow Warbler            |
| <i>Prinia erythroptera</i>         | Red-wing Warbler          |
| <i>Prinia leontica</i>             | Sierra Leona Prinia       |
| <i>Prinia subflava</i>             | Tawny-flanked Prinia      |

|              |     |              |                        |
|--------------|-----|--------------|------------------------|
| PM           | u   | (*)          |                        |
| PM           | c   | (Ph, Ec)     |                        |
| PM           | c   | (Ph)         |                        |
| RB           | r-u | (*)          | F, PF, M               |
| RB           | r-c | (Ph, ZG)     |                        |
| RB           | u   | (Ph, Ec, ZG) | F                      |
| RB           | a   | (Ph)         |                        |
| RB           | c   | (Ph, Ec)     |                        |
| RB           | u-c | (Ph, Ec)     |                        |
| RB           | u   | (*)          | N, M                   |
| RB           | c   | (Ph, ZG)     | CS, GS                 |
| (RB)         | r   | (*)          |                        |
| RB           | r-c | (Ph, ZG)     |                        |
| RB           | c   | (Ph)         | F                      |
| R (B)        | r   | (*)          | only N?<br>overlooked? |
| RB           | u-c | (Ph, Ec, ZG) | F, PF                  |
| PM           | r   | (*)          |                        |
| PM?, AfM/NB? | r   | (*, Sy)      |                        |
| PM           | u-c | (Ph, Ec)     |                        |
| RB           | a   | (Ph)         | F                      |
| R (B)        | r   | (*)          | N                      |
| PM           | r   | (*)          |                        |
| R (B)        | u-c | (Ph, ZG)     | F, PF                  |
| RB           | u-c | (Ph, Ec, ZG) | F, PF                  |
| RB           | u   | (Ph, ZG, Sy) | F, PF                  |
| PM           | r-u | (*)          |                        |
| PM           | c   | (Ph, Sy)     |                        |
| RB           | r-u | (*)          | N                      |
| R (B)        | r-u | (*)          | M, N, L                |
| RB           | a   | (Ph)         |                        |

*Sphenoeacus mentalis*

*Sylvia atricapilla*

*Sylvia borin*

*Sylvia communis*

*Sylvietta denti*

*Sylvietta virens*

Moustache-Warbler

Blackcap

Garden Warbler

Whitethroat

Lemmon-bellied Crombec

Green Crombec

### Muscicapinae

*Artomyias ussheri*

[*Bradornis pallidus*

*Ficedula hypoleuca*

*Fraseria cinerascens*

*Fraseria ocreata*

*Melaenornis annamarulae*

Ussher's Dusky Flycatcher

Pale Flycatcher

Pied Flycatcher

White-browed Forest Flycatcher

Forest Flycatcher

Anna's Forest Flycatcher

[*Melaenornis edolioides*

[*Muscicapa aquatica*

*Muscicapa caerulescens*

*Muscicapa cassini*

*Muscicapa comitata*

*Muscicapa epulata*

*Muscicapa gambagae*

*Muscicapa griseigularis*

*Muscicapa olivascens*

*Muscicapa striata*

*Muscicapa tessmanni*

*Myioparus plumbeus*

Black Flycatcher

Swamp Flycatcher

Ashy Flycatcher

Cassin's Grey Flycatcher

Dusky Blue Flycatcher

Little Grey Flycatcher

Gambaga Dusky Flycatcher

Grey-throated Tit-Flycatcher

Olivaceous Flycatcher

Spotted Flycatcher

Tessmann's Flycatcher

Grey Tit-Flycatcher

### Platysteirinae

*Batis occultus*

*Batis senegalensis*

*Bias musicus*

White browed Puff-back Flycatcher

Senegal Puff-back Flycatcher

Black and White Flycatcher



|          |     |              |  |
|----------|-----|--------------|--|
| RB       | u   | (*)          | N  |
| PM       | r-a | (Ph, ZG)     |  |
| PM       | r-a | (Ph, ZG)     |  |
| PM       | r   | (*)          | N  |
| RB       | r-u | (*)          |  |
| RB       | a   | (Ph)         |  |
| RB       | a   | (Ph)         |  |
| PM       | r-c | (Ph)         |  |
| RB       | u-c | (*)          |  |
| R (B)    | u-c | (Ph, ZG)     | PF, F  |
| R (B)    | r   | (*)          | Nimba,<br>Forbes-Watson (1970),<br>Glaro<br>N? |
| rejected |     |              |  |
| R (B)    | r-u | (*)          | F  |
| RB       | c   | (Ph, ZG)     |  |
| R (B)    | u-c | (Ph, Ec, ZG) | PF, F  |
| RB       | u   | (*)          | PF   |
| (RB)     | r   | (*)          | N  |
| RB       | r   | (*)          | F  |
| RB       | u   | (*)          | PF   |
| PM       | u-c | (Ph)         |  |
| R (B)    | r   | (*)          | PF (Glaro)                                     |
| R (B)    | r   | (*)          | CS, GS?  |
| R (B)    |     | (*)          | PF   |
| (RB), V? |     | (*)          |  |
| RB       | u   | (*)          |  |

|                             |                           |
|-----------------------------|---------------------------|
| <i>Megabyas flammulata</i>  | Shrike Flycatcher         |
| <i>Platysteira blisetti</i> | Red-cheeked Wattle-eye    |
| <i>Platysteira castanea</i> | Chestnut Wattle-eye       |
| <i>Platysteira concreta</i> | Yellow-bellied Wattle-eye |
| <i>Platysteira cyanea</i>   | Scarlet Wattle-eye        |
| [ <i>Platysteira tonsa</i>  | White-spotted Wattle-eye  |

#### Monarchinae

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <i>Erythrocercus mccalli</i>      | Chestnut-cap Flycatcher         |
| [ <i>Hyliota flavigaster</i>      | Yellow-bellied Flycatcher       |
| <i>Hyliota violacea</i>           | Violet-backed Flycatcher        |
| <i>Tersiphone rufiventer</i>      | Red-bellied Paradise Flycatcher |
| <i>Tersiphone viridis</i>         | Paradise Flycatcher             |
| [ <i>Trochocercus longicauda</i>  | Blue Flycatcher                 |
| <i>Trochocercus nigromitratus</i> | Dusky Crested Flycatcher        |
| <i>Trochocercus nitens</i>        | Blue-headed Crested Flycatcher  |

#### REMIZIDAE

|                         |                      |
|-------------------------|----------------------|
| <i>Remiz flavifrons</i> | Forest Penduline Tit |
|-------------------------|----------------------|

#### PARIDAE

|                         |           |
|-------------------------|-----------|
| <i>Parus funereus</i>   | Dusky Tit |
| <i>Parus leucomelas</i> | Black Tit |

#### NECTARINIDAE

|                                 |                                 |
|---------------------------------|---------------------------------|
| <i>Anthreptes collaris</i>      | Collared Sunbird                |
| <i>Anthreptes fraseri</i>       | Fraser's Scarlet-tufted Sunbird |
| <i>Anthreptes gabonicus</i>     | Brown Sunbird                   |
| [ <i>Anthreptes longuemarei</i> | Violet-backed Sunbird           |
| <i>Anthreptes rectirostris</i>  | Yellow-chinned Sunbird          |
| <i>Nectarinia adelberti</i>     | Buff-throated Sunbird           |
| [ <i>Nectarinia batesi</i>      | Bate's Sunbird                  |

|            |     |              |                       |
|------------|-----|--------------|-----------------------|
| RB         | u   | (Ph, Ec, ZG) | PF                    |
| R (B)      | c   | (Ph, Ec)     |                       |
| R (B)      | c   | (Ph, ZG)     | PF, F                 |
| RB         | u-c | (Ph, Ec, ZG) | PF                    |
| RB         | u-c | (Ph, ZG)     | CS, GS, L             |
|            |     | (*)          | PF, SE, field records |
| RB         | u-c | (Ph, ZG)     | PF                    |
|            |     |              | in N?                 |
| R (B)      | u   | (*)          | PF, F                 |
| RB         | c-a | (Ph)         | PF, F                 |
| (RB), AfM? | r-u | (*)          | F, PF                 |
| RB         | u-c | (Ph)         | PF, F                 |
| R (B)      | u-c | (Ph, ZG)     | PF                    |
| R (B)      |     | (*)          | F                     |
| RB         | r   | (*)          | PF                    |
| (RB, V)    | r   | (*)          | CS, GS?               |
| RB         | c   | (Ph)         | F                     |
| R (B)      | c   | (Ph, Ec, ZG) | PF                    |
| RB         | c   | (Ph, ZG)     | except N              |
|            |     |              | N of 8° N?            |
| RB         | u-c | (*)          | F                     |
| RB, AfM    | u-c | (Ph, Ec)     | F                     |
|            |     |              | F                     |

|                                 |                           |
|---------------------------------|---------------------------|
| <i>Nectarinia chloropygia</i>   | Olive-bellied Sunbird     |
| <i>Nectarinia coccinigaster</i> | Splendid Sunbird          |
| <i>Nectarinia cuprea</i>        | Copper Sunbird            |
| <i>Nectarinia cyanolaema</i>    | Blue-throated Sunbird     |
| <i>Nectarinia fuliginosa</i>    | Carmelite Sunbird         |
| <i>Nectarinia johannae</i>      | Madame Verreaux's Sunbird |
| <i>Nectarinia minulla</i>       | Tiny Sunbird              |
| <i>Nectarinia olivacea</i>      | Olive Sunbird             |
| [ <i>Nectarinia pulchella</i>   | Beautiful Sunbird         |
| <i>Nectarinia reichenbachii</i> | Reichenbach's Sunbird     |
| <i>Nectarinia seimundi</i>      | Little Green Sunbird      |
| <i>Nectarinia superba</i>       | Superb Sunbird            |
| <i>Nectarinia venusta</i>       | Variable Sunbird          |
| <i>Nectarinia verticalis</i>    | Green-headed Sunbird      |

#### ZOSTEROPIDAE

|                               |                  |
|-------------------------------|------------------|
| <i>Zosterops senegalensis</i> | Yellow White-eye |
|-------------------------------|------------------|

#### EMBERIZIDAE

|                          |                               |
|--------------------------|-------------------------------|
| <i>Emberiza cabanisi</i> | Yellow-bellied Bunting        |
| <i>Emberiza tahapisi</i> | Cinnamon-breasted Rockbunting |

#### FRINGILLIDAE

|                           |                       |
|---------------------------|-----------------------|
| <i>Serinus mocambicus</i> | Yellow-fronted Canary |
|---------------------------|-----------------------|

#### ESTRILDIDAE

|                              |                                 |
|------------------------------|---------------------------------|
| <i>Amandava subflava</i>     | Zebra Waxbill                   |
| <i>Clytospiza dybowskii</i>  | Dybowski's Twin-spot<br>Waxbill |
| <i>Estrilda astrild</i>      | Red-tailed Lavender Waxbill     |
| <i>Estrilda caerulescens</i> | Orange-cheeked Waxbill          |
| <i>Estrilda melpoda</i>      | Green-backed Twin-spot          |
| <i>Hypargos nitidulus</i>    |                                 |

|           |     |          |                     |
|-----------|-----|----------|---------------------|
| RB        | c-a | (Ph)     |                     |
| (RB), AfM | r-u | (*)      | N                   |
| (RB), AfM | r-u | (*)      | CS, GS              |
| RB        | u-c | (Ph, ZG) | F, PF               |
| RB        | r-u | (*)      | CS + N              |
| RB        | u-c | (Ph, Ec) | F                   |
| RB        | r-c | (*)      | PF, F               |
| RB        | a   | (Ph)     | F                   |
|           |     |          | N?                  |
| R (B)     | r   | (*)      | CS, Harper-Monrovia |
| RB        | r-u | (*)      | F                   |
| RB        | u-c | (*)      | F                   |
| RB        | u-c | (Ph, ZG) | CS, GS              |
| R (B)     | r-c | (*)      | CS, GS              |
|           |     |          |                     |
| RB        | r-c | (*)      | CS, GS              |
|           |     |          |                     |
| (RB)      |     | (*)      | GS                  |
| AfM/NB    |     | (*)      | M                   |
|           |     |          |                     |
| R (B)     | r-u | (*)      | CS, GS              |
|           |     |          |                     |
| AfM/NB?   | r-u | (*)      | CS, GS              |
| (RB)      | r   | (*)      | Saniquellie         |
| RB        | r-c | (Ph, ZG) | CS; GS              |
| V         |     | (*)      |                     |
| RB, AfM?  | a   | (Ph)     |                     |
| RB        | r-u | (*)      | F                   |

|                               |                               |
|-------------------------------|-------------------------------|
| <i>Lagonosticta rara</i>      | Black-bellied Fire-Finch      |
| <i>Lagonosticta rubricata</i> | African Fire-Finch            |
| <i>Lagonosticta rufopicta</i> | Bar-breasted Fire-Finch       |
| <i>Lagonosticta senegala</i>  | Red-billed Fire-Finch         |
| <i>Lonchura bicolor</i>       | Black and White Mannikin      |
| <i>Lonchura cucullata</i>     | Bronze Mannikin               |
| <i>Lonchura fringilloides</i> | Magpie Mannikin               |
| <i>Nigrita bicolor</i>        | Chestnut-breasted Negro-Finch |
| <i>Nigrita canicapilla</i>    | Grey-headed Negro-Finch       |
| <i>Nigrita fusconota</i>      | White-breasted Negro-Finch    |
| <i>Ortygospiza atricollis</i> | Quail-Finch                   |
| <i>Parmoptila jamesoni</i>    | Red-fronted Ant-pecker        |
| <i>Pirenestes sanguineus</i>  | Crimson Seed-Cracker          |
| <i>Pytelia hypogrammicus</i>  | Yellow-winged Pytelia         |
| <i>Spermophaga haematina</i>  | Blue-bill                     |

## PLOCEIDAE

### Passerinae

|                       |                     |
|-----------------------|---------------------|
| <i>Passer griseus</i> | Grey-headed Sparrow |
|-----------------------|---------------------|

### Ploceinae

|                                |                              |
|--------------------------------|------------------------------|
| <i>Amblyospiza albifrons</i>   | Grosbeaked Weaver            |
| [ <i>Anomalospiza imberbis</i> | Parasitic Weaver             |
| <i>Euplectes afer</i>          | Yellow-crowned Bishop        |
| <i>Euplectes ardens</i>        | Long-tailed Black Widow-bird |
| <i>Euplectes hordeaceus</i>    | Black-winged Red Bishop      |
| <i>Euplectes macrouros</i>     | Yellow-mantled Widow-bird    |
| <i>Malimbus ballmanni</i>      | Gola Malimbe                 |
| <i>Malimbus malimbicus</i>     | Crested Malimbe              |
| <i>Malimbus nitens</i>         | Blue-billed Malimbe          |
| <i>Malimbus rubricollis</i>    | Red-headed Weaver            |
| <i>Malimbus scutatus</i>       | Red-vented Malimbe           |

|           |     |              |           |
|-----------|-----|--------------|-----------|
| (RB)      | r-u | (*)          | GS        |
| RB        | u-c | (*)          | GS        |
| RB        | u   | (*)          | CS        |
| (RB)      | u   | (*)          | GS        |
| RB        | c   | (Ph)         |           |
| RB        | r-a | (Ph, ZG)     | L         |
| RB        | u-c | (Ph, Ec, ZG) |           |
| RB        | c   | (Ph)         |           |
| RB        | c   | (Ph)         |           |
| R (B)     | u   | (Ph, ZG)     |           |
| R (B)     | u-c | (*)          | CS, L     |
| RB        | r-c | (*)          | PF        |
| RB        | c   | (Ph, Sy)     |           |
| (RB)      | r   | (*)          | GS        |
| RB        | c   | (Ph)         | F, PF     |
| RB        | c   | (Ph, Dy)     |           |
| B (AfM)   |     | (*)          | GS, CS, L |
| (RB)      | r   | (*)          | CS, SE    |
| RB        | r-c | (Ph, ZG)     |           |
| RB, (AfM) | c   | (Ph)         |           |
| RB, (AfM) | u-c | (Ph, ZG)     |           |
| RB        | r-c | (*)          | PF, L     |
| RB        | u-c | (Ph, ZG)     | PF, F     |
| RB        | a   | (Ph)         | F         |
| RB        | u-c | (Ph, ZG, Ec) | PF, F     |
| RB        | c   | (Ph)         |           |

|                              |                             |
|------------------------------|-----------------------------|
| <i>Ploceus albinucha</i>     | White-naped Weaver          |
| <i>Ploceus aurantius</i>     | Orange Weaver               |
| <i>Ploceus cucullatus</i>    | Black-headed Village Weaver |
| [ <i>Ploceus heuglini</i>    | Heuglin's Masked Weaver     |
| <i>Ploceus nigerrimus</i>    | Chestnut and Black Weaver   |
| <i>Ploceus nigricollis</i>   | Black-necked Weaver         |
| [ <i>Ploceus pelzelni</i>    | Slender-billed Weaver       |
| <i>Ploceus preussi</i>       | Golden-backed Weaver        |
| <i>Ploceus superciliosus</i> | Compact Weaver              |
| <i>Ploceus tricolor</i>      | Yellow-mantled Weaver       |
| <i>Quelea erythrops</i>      | Red-headed Quelea           |

#### Viduinae

|                          |                      |
|--------------------------|----------------------|
| <i>Vidua macroura</i>    | Pin-tailed Whydah    |
| [ <i>Vidua togoensis</i> | Togo Paradise Whydah |

#### STURNIDAE

##### Sturninae

|                                    |                                   |
|------------------------------------|-----------------------------------|
| <i>Cinnyricinclus leucogaster</i>  | Violet-backed Starling            |
| [ <i>Lamprotornis chalcurus</i>    | Short-tailed Glossy Starling      |
| <i>Lamprotornis chloropterus</i>   | Lesser Blue-eared Glossy Starling |
| <i>Lamprotornis cupreocauda</i>    | Copper-tailed Glossy Starling     |
| [ <i>Lamprotornis iris</i>         | Emerald Starling                  |
| [ <i>Lamprotornis purpureiceps</i> | Purple-headed Glossy Starling     |
| <i>Lamprotornis splendidus</i>     | Splendid Glossy Starling          |
| <i>Onychognathus fulgidus</i>      | Chestnut-winged Starling          |
| <i>Pocoptera lugubris</i>          | Narrow-tailed Starling            |

#### ORIOOLIDAE

|                               |                       |
|-------------------------------|-----------------------|
| <i>Oriolus auratus</i>        | African Golden Oriole |
| <i>Oriolus brachyrhynchus</i> | Black-headed Oriole   |
| <i>Oriolus nigripennis</i>    | Black-winged Oriole   |
| <i>Oriolus oriolus</i>        | Golden Oriole         |



|                      |     |              |              |
|----------------------|-----|--------------|--------------|
| R (B)                | u   | (*)          | F, PF        |
| RB                   | u-c | (Ph, ZG)     |              |
| RB                   | a   | (Ph)         |              |
| RB                   | a   | (Ph)         |              |
| RB                   | u-c | (Ph)         |              |
| R (B)                | r-u | (*)          | M, PF, F, L  |
| RB                   | r   | (*)          | N            |
| RB                   | u   | (Ph, ZG)     | F            |
| R (B), AfM           | u-c | (Ph)         |              |
| RB, AfM?<br>rejected | c   | (Ph, Ec, ZG) |              |
| AfM                  | r-a | (*)          |              |
| RB?                  | r   | (*)          | N            |
| RB                   | u-c | (Ph, Ec)     | PF, F        |
|                      |     | (*)          | N?           |
|                      |     | (*)          | SE?          |
| RB, AfM?             | u-c | (Ph, ZG)     | F, PF, CS, L |
| RB                   | u   | (*)          | F            |
| RB                   | u   | (*)          | F            |
| AfM/NB               | r   | (*)          |              |
| RB                   | c   | (Ph, Ec)     | F            |
| R (B)                | u   | (*)          | F            |
| PM                   | r   | (*)          |              |

Glossy-backed Drongo

RB

Shining Drongo

RB

Square-tailed Drongo

R (B)

Pied Crow

RB, AfM

Piapiac

V?

|     |          |               |
|-----|----------|---------------|
| u-c | (Ph, Ec) | CS, GS, F, PF |
| u-c | (Ph, Ec) | PF, F         |
| r-u | (*)      | F, PF         |

|     |      |               |
|-----|------|---------------|
| r-u | (Ph) |               |
| r   | (*)  | escaped bird? |

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## Zusammenfassung

### Die Vögel Liberias (Westafrika)

#### Vorläufige Liste mit Status und offenen Fragen

Die ersten bedeutenden Forschungsergebnisse aus Liberia stammen von dem Schweizer J. BÜTTIKOFER (1890 usw.). Aus der ersten Hälfte des 20. Jahrhunderts gibt es wenige Resultate von kürzeren Aufenthalten sowie Sammlungsauswertungen. 1951 waren 310 Vogelarten im Lande bekannt. Inzwischen können drei Gebiete des Landes als gut erforscht gelten. Die Bergregion des Mt. Nimba (385 Arten), die Waldregion Südostliberias (390 Arten) und die Küstenregion um die Hauptstadt Monrovia mit 408 Arten.

Liberia verfügte in seiner ganzen N-S-Ausdehnung ursprünglich nur über eine einzige Vegetationszone, den tropischen Regenwald. Mit 590 bekannten Arten weist es, gegenüber seinen Nachbarländern Elfenbeinküste (683 Arten) und Ghana (721 Arten) deren Nordausdehnung bis in die trockene Sudanzone reicht, eine reiche Avifauna auf. 122 bis 127 Arten (22%) entstammen der paläarktischen Region.

Das Land ist gegliedert in das Küstentiefland, eine Hügelzone um 300 bis 600 m NN, und in das Hochland im Norden, um 500 m hoch, mit Bergen bis zu 1385 m.

Liberia liegt innerhalb der „Inneren Feuchttropen“ mit einer ganzjährig ausgeglichenen warmen Temperatur ( $\varnothing$  25°–27°). Klimatische Besonderheiten sind eine Regenzeit von April bis November, die im Süden durch eine kurze niederschlagsärmere Periode im Juli/August unterbrochen wird. Die Niederschläge liegen entlang der Küsten zwischen 3000 mm im Osten und 5000 mm im Westen und bei 2000 bis 3000 mm im Binnenland.

1980 waren noch 38% des Landes mit Primärwald, weitere ca. 40 Prozent mit Sekundärwaldformen bedeckt. Der Rest entfällt auf Farmland, Plantagen, anthropogene Savannen und einen vielfach unterbrochenen Gürtel von Mangrove entlang der Küste.

Die Artenliste folgt dem in Westafrika üblichen Schema der Checklist-Serie der B. O. U. Sie ist so gehalten, daß sie weitgehend ohne Englischkenntnisse benutzt werden kann.

Die über den Namen hinausgehende Information gliedert sich in 4 Spalten:  
Spalte 1 gibt Hinweise zu Brut- und Zugvogelstatus usw.  
Spalte 2 zur Häufigkeit von „abundant“ (gemein) bis „rare“ (selten).

Spalte 3 weist in Klammern auf offene Fragen hin. [load unter www.biologiezentrum.at](http://www.biologiezentrum.at)

Spalte 4 gibt Hinweise zu Verbreitung und Habitatpräferenzen.

Das Ziel der Liste ist es, in aller Kürze über Wissensstand und Lücken zu informieren. Sie soll Behörden eine erste Entscheidungshilfe geben und den Ornithologen des Landes als Arbeits- und Diskussionspapier dienen.

Damit soll die Grundlage für eine umfangreichere kommentierte Artenliste geschaffen werden.

## References

The list of references extends that of ALLEN (1930). Later literature is only listed if several species are treated or if a new species is dealt with.

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