



THE BIRDS

OF THE ENNEDI NATURAL AND CULTURAL RESERVE

African Parks, Tchad

First Edition 2020





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LEGEND

Conservation status (IUCN)

CR Critically endangered

EN Endangered

VU Vulnerable

NT Near threatened

LC Least concerned

DD Data deficient

NE Not evaluated

- Species with one of the following IUCN conservation statuses:
CR, EN or VU

Status within the Reserve

BR Resident Breeder

BS Summer Breeder (rainy season)

P Passage Migrant (Sept-Oct ; March-April)

W Winter Visitor (dry season)

NbS Non-breeding Summer Visitor (rainy season)

NbY Non-breeding Year-Round Visitor

Un Unknown

Abundance

Ab Abundant

C Common

U Uncommon

S Scarce

R Rare

Ac Accidental

Un Unknown

- Species only observed within the 20km-wide buffer area bordering the Reserve.

DETAILED LEGEND

Status within the Reserve

BR Resident Breeder

Species breeding and wintering within the region under consideration.

BS Summer Breeder (rainy season)

Migratory species returning to the breeding grounds located within the region under consideration.

P Passage Migrant (Sept-Oct ; March-April)

Species travelling during the annual migration between the breeding and wintering grounds, both of them being outside the region under consideration.

W Winter Visitor (dry season)

Migratory species visiting the wintering grounds located within the region under consideration (no breeding).

NbS Non-breeding Summer Visitor (rainy season)

Species regularly occurring but not breeding in summer within the region under consideration.

NbY Non-breeding Year-Round Visitor

Species irregularly occurring throughout the year within the region under consideration, however not breeding.

Un Unknown

Abundance

Ab **Abundant**

Species present every year in the indicated period, and almost always observed.

C **Common**

Species present every year in the indicated period, and often observed.

U **Uncommon**

Species present every year in the indicated period, but not frequently observed.

S **Scarce**

Species present every year in the indicated period, but observed in very small numbers or at very few locations only.

R **Rare**

Species regularly present in the indicated period, sometimes every year, but in extremely small numbers.

Ac **Accidental**

Species irregularly present.

Un **Unknown**

Abundance was estimated on the basis of a limited data sample.

Accipitridae

- Buzzard, European Honey** *Pernis apivorus*..... (P, Un)
- Buzzard, Grasshopper** *Butastur rufipennis*..... (W, Ab)
- Eagle, African Hawk-** *Aquila spilogaster*..... (Un, U)
- Eagle, Booted** *Hieraaetus pennatus*..... (P, U)
- Eagle, Brown Snake** *Circaetus cinereus*..... (Un, Un)
- Eagle, Golden** *Aquila chrysaetos*..... (Un, Un)
- Eagle, Short-toed Snake** *Circaetus gallicus*..... (P, S)
- Eagle, Tawny** *Aquila rapax*..... (Un, Un)
- Eagle, Verreaux's** *Aquila verreauxii*..... (BR, U)
- Goshawk, Gabar** *Micronisus gabar*..... (Un, S)
- Harrier, Montagu's** *Circus pygargus*..... (P, C)
- Harrier, Pallid** *Circus macrourus*..... **NT** (P, Un)
- Harrier, Western Marsh** *Circus aeruginosus*..... (NbY, Un)
- Hawk, African Harrier-** *Polyboroides typus*..... (P, Ac)
- **Kite, African Swallow-tailed** *Chelictinia riocourii*..... (Un, Un)
- Kite, Yellow-billed** *Milvus aegyptius*..... (NbY, Ab)
- Shikra** *Accipiter badius*..... (NbY, Un)
- **Vulture, Egyptian** *Neophron percnopterus*..... **EN** (P, R)
- **Vulture, Griffon** *Gyps fulvus*..... (P, Ac)
- **Vulture, Lappet-faced** *Torgos tracheliotus*..... **EN** (Un, Un)
- **Vulture, Rüppell's** *Gyps rueppellii*..... **EN** (Un, Un)

Acrocephalidae

- Warbler, Eastern Olivaceous** *Iduna pallida*..... (P, U)
- Warbler, Eurasian Reed** *Acrocephalus scirpaceus*..... (P, S)
- Warbler, Icterine** *Hippolais icterina*..... (P, C)
- Warbler, Sedge** *Acrocephalus schoenobaenus*..... (P, Un)

Alaudidae

- Lark, Bar-tailed** *Ammomanes cinctura*..... (Un, Un)
- Lark, Black-crowned Sparrow-** *Eremopterix nigriceps*..... (BR, Ab)
- **Lark, Chestnut-backed Sparrow-** *Eremopterix leucotis*..... (Un, S)

- Lark, Crested** *Galerida cristata*.....(Un, U)
- Lark, Desert** *Ammomanes deserti*.....(Un, U)
- Lark, Greater Hoopoe-** *Alaemon alaudipes*.....(BR, C)
- Lark, Greater Short-toed** *Calandrella brachydactyla*.....(P, S)
- Lark, Singing Bush** *Mirafra cantillans*.....(Un, Un)

Anatidae

- Duck, Ferruginous** *Aythya nyroca*.....**NT** (Un, S)
- Duck, Knob-billed** *Sarkidiornis melanotos*.....(P, S)
- Garganey** *Anas querquedula*.....(P, C)
- Pintail, Northern** *Anas acuta*.....(P, R)
- Shoveler, Northern** *Anas clypeata*.....(P, S)
- **Teal, Cape** *Anas capensis*.....(BR, Ac)
- Teal, Common** *Anas crecca*.....(P, Un)
- Teal, Marbled** *Marmaronetta angustirostris*.....(Un, R)
- Wigeon, Eurasian** *Anas penelope*.....(P, Ac)

Apodidae

- Swift, African Palm** *Cypsiurus parvus*.....(Un, Un)
- Swift, Alpine** *Tachymarptis melba*.....(P, Ac)
- Swift, Common** *Apus apus*.....(P, Un)
- **Swift, Mottled** *Tachymarptis aequatorialis*.....(Un, Un)
- Swift, Pallid** *Apus pallidus*.....(P, Ab)

Ardeidae

- Egret, Little** *Egretta garzetta*.....(NbY, Un)
- Egret, Western Cattle** *Bubulcus ibis*.....(NbY, Un)
- Heron, Black-crowned Night** *Nycticorax nycticorax*.....(P, Un)
- Heron, Black-headed** *Ardea melanocephala*.....(Un, Un)
- Heron, Grey** *Ardea cinerea*.....(NbY, U)
- Heron, Purple** *Ardea purpurea*.....(P, S)
- Heron, Squacco** *Ardeola ralloides*.....(Un, Un)
- Heron, Striated** *Butorides striata*.....(NbY, Un)

Bucerotidae

Hornbill, African Grey *Lophoceros nasutus*(Un, C)

Hornbill, Northern Red-billed *Tockus erythrorhynchus*.....(Un, S)

Burhinidae

Thick-knee, Spotted *Burhinus capensis*.....(Un, Un)

Caprimulgidae

Nightjar, Plain *Caprimulgus inornatus*(BR, Ab)

Charadriidae

Lapwing, Spur-winged *Vanellus spinosus*.....(Un, Un)

Plover, Common Ringed *Charadrius hiaticula*(P, U)

Plover, Little Ringed *Charadrius dubius*.....(P, S)

Lapwing, Black-headed *Vanellus tectus*.....(BR, Un)

Ciconiidae

Openbill, African *Anastomus lamelligerus*.....(NbY, R)

Stork, Abdim's *Ciconia abdimii*.....(Un, U)

Stork, Black *Ciconia nigra*(Un, Un)

Stork, Marabou *Leptoptilos crumenifer*.....(NbY, U)

Stork, White *Ciconia ciconia*(P, Ab)

Cisticolidae

Warbler, Cricket *Spiloptila clamans*.....(BR, C)

Coliidae

Mousebird, Blue-naped *Urocolius macrourus*.....(Un, C)

Columbidae

Dove, African Collared *Streptopelia roseogrisea*(BR, Ab)

Dove, European Turtle- *Streptopelia turtur*.....(BR, C)

- Dove, Laughing** *Spilopelia senegalensis*.....(BR, C)
- Dove, Namaqua** *Oena capensis*.....(BR, Ab)
- Dove, Rock** *Columba livia*(BR, Ab)
- Pigeon, Speckled** *Columba guinea*(BR, C)

Coraciidae

- Roller, Abyssinian** *Coracias abyssinicus*(Un, Ab)

Corvidae

- Crow, Pied** *Corvus albus*(Un, C)
- Raven, Brown-necked** *Corvus ruficollis*(Un, C)
- Raven, Fan-tailed** *Corvus rhipidurus*.....(Un, U)

Cuculidae

- Cuckoo, Common** *Cuculus canorus*.....(P, S)
- Cuckoo, Diederik** *Chrysococcyx caprius*.....(BR, S)
- Cuckoo, Great-spotted** *Clamator glandarius*.....(Un, Un)
- Cuckoo, Jacobin** *Clamator jacobinus*(Un, Un)

Emberizidae

- Bunting, Cinnamon-breasted Rock** *Emberiza tahapisi*.....(Un, Un)
- Bunting, House** *Emberiza sahari*.....(Un, Ab)

Estrildidae

- Finch, Cut-throat** *Amadina fasciata*(NbY, U)
- Silverbill, African** *Euodice cantans*.....(BR, C)

Falconidae

- Falcon, Barbary** *Falco pelegrinoides*.....(Un, Un)
- Falcon, Lanner** *Falco biarmicus*(NbY, C)
- **Falcon, Sooty** *Falco concolor*.....**VU** (P, Ac)
- Kestrel, Common** *Falco tinnunculus*.....(Un, C)

Fringillidae

Finch, Trumpeter *Bucanetes githagineus*.....(BR, U)

Glareolidae

Courser, Bronze-winged *Rhinoptilus chalcopterus*.....(Un, Un)

Courser, Cream-colored *Cursorius cursor*.....(BR, C)

Hirundinidae

Martin, Common House *Delichon urbicum*.....(P, R)

Martin, Pale Crag *Ptyonoprogne obsoleta*.....(Un, Un)

Martin, Common Sand *Riparia riparia*.....(P, Un)

Swallow, Barn *Hirundo rustica*.....(P, C)

Swallow, Red-rumped *Cecropis daurica*.....(P, Un)

Laniidae

Shrike, Lesser Grey *Lanius minor*.....(P, U)

Shrike, Masked *Lanius nubicus*.....(P, U)

Shrike, Red-backed *Lanius collurio*.....(P, U)

Shrike, Great Grey *Lanius excubitor leucopygos*.....(P, Ab)

Shrike, Woodchat *Lanius senator*.....(P, U)

Laridae

Gull, Black-headed *Chroicocephalus ridibundus*.....(P, Ac)

Tern, Gull-billed *Gelochelidon nilotica*.....(P, R)

Tern, Whiskered *Chlidonias hybrida*.....(P, S)

Leiothrichidae

Babbler, Fulvous *Argya fulva*.....(Un, C)

Lybiidae

Barbet, Yellow-breasted *Trachyphonus margaritatus*.....(Un, U)

Tinkerbird, Yellow-fronted *Pogoniulus chrysoconus*.....(Un, Un)

Macrosphenidae**Crombec, Northern** *Sylvietta brachyura*(Un, C) **Malaconotidae****Brubru** *Nilaus afer*.....(Un, C) **Meropidae****Bee-eater, European** *Merops apiaster*(P, Un) **Bee-eater, Green** *Merops orientalis*(Un, C) **Bee-eater, White-throated** *Merops albicollis*(BR, Ab) **Motacillidae****Pipit, Red-throated** *Anthus cervinus*.....(P, Un) **Pipit, Tawny** *Anthus campestris*(P, S) **Pipit, Tree** *Anthus trivialis*(P, Un) **Wagtail, Western Yellow** *Motacilla flava*(P, C) **Wagtail, White** *Motacilla alba*(Un, Un) **Muscicapidae****Blackstart** *Oenanthe melanura*(Un, U) **Flycatcher, Spotted** *Muscicapa striata*(P, C) **Redstart, Common** *Phoenicurus phoenicurus*(P, U) **Robin, Black Scrub** *Cercotrichas podobe*(BR, Ab) **Robin, Rufous-tailed Scrub-** *Cercotrichas galactotes* (P, C) **Thrush, Blue Rock** *Monticola solitarius*.....(Un, Un) **Thrush, Common Rock** *Monticola saxatilis*(Un, Un) **Wheatear, Desert** *Oenanthe deserti*(Un, Un) **Wheatear, Isabelline** *Oenanthe isabellina*(Un, S) **Wheatear, Northern** *Oenanthe oenanthe*(P, Ab) **Wheatear, White-crowned** *Oenanthe leucopyga*.....(Un, Ab) **Whinchat** *Saxicola rubetra*(P, S)

Nectariniidae

Sunbird, Beautiful *Cinnyris pulchellus*(Un, Un)

Sunbird, Pygmy *Hedydipna platura*(BR, C)

Numididae

Guineafowl, Helmeted *Numida meleagris*(Un, Ac)

Odontophoridae

Partridge, Stone *Ptilopachus petrosus*(BR, C)

Oriolidae

Oriole, Eurasian Golden *Oriolus oriolus*(P, C)

Otididae

Bustard, Arabian *Ardeotis arabs* **NT** (BR, Un)

Bustard, Denham's *Neotis denhami* **NT** (Un, Un)

Bustard, Nubian *Neotis nuba* **NT** (BR, Un)

Passeridae

Sparrow, Desert *Passer simplex*(Un, S)

Sparrow, House *Passer domesticus*(BR, Ab)

Sparrow, Northern Grey-headed *Passer griseus*(BR, Ab)

Sparrow, Sudan Golden *Passer luteus*(BR, Ab)

Phasianidae

Francolin, Clapperton's *Pternistis clappertoni*(Un, Un)

Quail, Common *Coturnix coturnix*(P, Un)

Phylloscopidae

Chiffchaff, Common *Phylloscopus collybita*(P, Un)

Warbler, Willow *Phylloscopus trochilus*(P, C)

Warbler, Wood *Phylloscopus sibilatrix*(P, S)

Picidae**Woodpecker, African Grey** *Dendropicos goertae*.....(BR, C) **Woodpecker, Little Grey** *Dendropicos elachus*.....(BR, U) **Woodpecker, Nubian** *Campethera nubica*(Un, Ac) **Ploceidae****Weaver, Little** *Ploceus luteolus*(Un, Un) **Weaver, Speckle-fronted** *Sporopipes frontalis*.....(Un, Un) **Weaver, White-billed Buffalo** *Bubalornis albirostris*.....(BR, S) **Psittaculidae****Parakeet, Rose-ringed** *Psittacula krameri*.....(BR, C) **Pteroclididae****Sandgrouse, Chestnut-bellied** *Pterocles exustus*(Un, C) **Sandgrouse, Crowned** *Pterocles lichtensteinii*.....(Un, C) **Sandgrouse, Lichtenstein's** *Pterocles lichtensteinii*.....(Un, C) **Sandgrouse, Spotted** *Pterocles senegallus*(Un, C) **Pycnonotidae****Bulbul, Common** *Pycnonotus barbatus*(Un, Ab) **Rallidae****Moorhen, Common** *Gallinula chloropus*.....(BR, C) **Recurvirostridae****Stilt, Black-winged** *Himantopus himantopus*.....(P, R) **Scolopacidae****Greenshank, Common** *Tringa nebularia*(P, S) **Redshank, Spotted** *Tringa erythropus*.....(P, R) **Ruff** *Calidris pugnax*(P, C)

- Sandpiper, Broad-billed** *Calidris falcinellus*(P, Ac)
- Sandpiper, Common** *Actitis hypoleucos* (P, S)
- Sandpiper, Green** *Tringa ochropus*..... (P, S)
- Sandpiper, Marsh** *Tringa stagnatilis*..... (P, S)
- Sandpiper, Wood** *Tringa glareola*.....(P, R)
- Stint, Little** *Calidris minuta*.....(P, U)

Strigidae

- Owl, Little** *Athene noctua*(BR, U)
- Owl, Pharaoh Eagle-** *Bubo ascalaphus*(BR, C)
- Owl, Short-eared** *Asio flammeus* (P, Un)

Struthionidae

- Ostrich** *Struthio camelus*.....(Un, Un)

Sturnidae

- Starling, Chestnut-bellied** *Lamprotornis pulcher*.....(BR, Ab)
- Starling, Greater Blue-eared** *Lamprotornis chalybaeus*.....(Un, Un)
- Starling, Long-tailed Glossy** *Lamprotornis caudatus*.....(Un, Un)

Sylviidae

- Warbler, Garden** *Sylvia borin*(P, U)
- Warbler, Rüppell's** *Sylvia ruppeli*(P, Un)
- Warbler, Subalpine** *Sylvia cantillans*(P, Ab)
- Warbler, Western Orphean** *Sylvia hortensis*(P, Un)
- Whitethroat, Common** *Sylvia communis*(P, U)
- Whitethroat, Lesser** *Sylvia curruca*(P, U)

Threskiornithidae

Ibis, Glossy *Plegadis falcinellus*.....(NbY, S)

Tytonidae

Owl, Barn *Tyto alba*.....(BR, Un)

Upupidae

Hoopoe, Common *Upupa epops*(BR, Ab)

Total of **189 species**

African Parks would like to invite you to contribute to the ornithological census of the Ennedi Natural and Cultural Reserve, by sharing your observations - date, location, species and photographs - with the African Parks offices based in Fada and N'Djamena (rnce@africanparks.org), or with the West African Bird Database (www.wabdab.org).



Sooty Falcon
Falco concolor

African Parks Network

www.africanparks.org

African Parks is a non-profit conservation organisation that takes on the complete responsibility for the rehabilitation and long-term management of protected areas in partnership with governments and local communities. The organisation was founded in 2000 in response to the dramatic decline of protected areas due to poor management and lack of funding. African Parks utilises a clear business approach to conserving Africa's wildlife and remaining wild areas, securing vast landscapes and carrying out the necessary activities needed to protect the protected areas and their wildlife. African Parks maintains a strong focus on economic development and poverty alleviation of surrounding communities to ensure that each protected area is ecologically, socially, and financially sustainable in the long-term.

Réserve Naturelle et Culturelle de l'Ennedi

Straddling the eastern and western Ennedi Provinces, the Ennedi Natural and Cultural Reserve encompasses one of the six great mountain ranges of the Sahara. This sandstone masterpiece, carved over millennia by water and wind, is more than 1 400-meter-high and covers 50 000 km² of rocky plateaus, herbaceous steppes, savannahs, ephemeral rivers and sand dunes. Filled with water, the Ennedi Massif is well known as the Eden of the Sahara. Fauna and flora abound in this open-air museum where thousands of paintings and engravings adorn the mineral landscape. Man has roamed through this area since the Neolithic period, 10 000 years ago. Today, Ennedi remains a crucial resource for semi-nomadic groups in search of water and pasture. In 2016, the Ennedi Massif was placed on the UNESCO list of mixed – cultural and natural – sites of the World Heritage of Humanity.

Following two years of studies, African Parks made an offer to the Chadian Government in support of the preservation of the magnificent and irreplaceable natural and cultural wealth of the Ennedi Massif, a unique site in the world. In November 2017, a Partnership Agreement was then signed, with a renewable 15-year period, aimed at creating, managing and financing the Ennedi Natural and Cultural Reserve. APN has since then assumed full responsibility for the performance of all management functions and it reports to the Chadian Government.

WABDaB - West African Bird Database
www.wabdab.org

The West African Bird Database is an open-access, all-volunteer, bilingual (French/English) source of information on the birds of Niger, Chad and Burkina Faso. It is also a citizen science project enabling anyone interested to contribute to the ornithological census, by simply sharing observations (species, date, location) through the website, which is run by a team of volunteer ornithologists.

The bird list was compiled by Dr. Elsa Bussi re, Ecologist and Conservation Manager at the Ennedi Natural and Cultural Reserve. This work was conducted in close collaboration with:

Dr. Robert Thomson (Senior Lecturer at the FitzPatrick Institute of African Ornithology) and Carles Dur  (Scientist at the Catalan Ornithological Institute) who both led the first field survey in Ennedi in September 2019, to initiate the ornithological monitoring program of the Reserve.

This list is the result of a first overview of the available knowledge on the avifauna of Ennedi. It will evolve rapidly and it will be reissued as we continue learning through the ongoing bird monitoring program.



Abyssinian Roller
Coracias abyssinicus



Black-winged Stilt

Himantopus himantopus

Infinite thanks to Dr. Tim Wacher (Scientist at the Zoological Society of London and Manager of the WABDaB), Dr. Joost Brouwer (Ornithologist, Founder and Manager of the WABDaB) and Ulf Liedén (Ornithologist, Programmer and Webmaster of the WABDaB) for their unfailing availability and support, as well as for sharing precious knowledge about birds in the sahelo-saharan region.

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African Parks dedicates this booklet to the communities of the Ennedi Massif who, thanks to the upholding of their ancestral traditions, contribute to the protection and promotion of the sahelo-saharan biodiversity.

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