

# Fishbase.Org List of Freshwater Fishes for Sudan: Revision, Corrections and Updating

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**Abstract:** The online lists of, published by Fishbase.org and <https://fish.mongabay.com/data/Sudan>, 2019, were meticulously revised. Corrections and updating were made

**Keywords:** freshwater fishes, Sudan, updating.

## INTRODUCTION

The freshwater fish of Sudan in the guides of [1-4] and locality records of [5-10, 9] represent a nonstop enormous effort. The freshwater fish of Sudan were smartly listed and published on line by [11, 12]. The fishbase.org list of freshwater fishes of Sudan was created by Eli, 15.08.2007 and modified by Lei, 20.11.2008, and the list generated from it at (<https://fish.mongabay.com/data/Sudan>, 2019), were rigorous studied. The study of both lists call for revision of their display, some corrections and updating.

### Revision

The list was arranged the generic names in their alphabetical order. This is rather unusual as it entails more work to access all genera of a family and all families in an order. The rearranged Table (1) followed the taxonomic display set by Bailey [4] and retained all the species given in the website to facilitate corrections and updating.

### Corrections

1. The generic name *Ichthyoborus* is written in fishbase.org as it is and sometimes in both lists it was written as *Ichthyoborus*.
2. The following six species are marine and not freshwater fishes: *Acanthopagrus berda* (Sparidae), *Aphanius dispar dispar* (Cyprinodontidae), *Microctenopoma pekkolai* (Anabantidae), *Microctenopoma uelense* (Anabantidae), *Sillago*

*sihama* (Sillaginidae) and *Megalops cyprinoides* (Megalopidae) see Abu Gideiri [13]. These have got to be deleted.

3. According to Paugy [14] all identifications of *Micralestes acutidens* refers to *Micralestes elongatus*. Therefore *M. acutidens* must be omitted on basis of questionable occurrence.
4. The reticulated knifefish (*Papyrocranus afer*) is a species of freshwater fish in the family Notopteridae confined to West Africa [15, 16]. It is occurrence status in the list is questionable and has to be revised based on extensive fieldwork.
5. Miss inclusion of seven fish species reported by Abu Gideiri [3] and/or Bailey [4] in the list. These were:
6. *Synodontis eupterus* [17], *Synodontis clarias* [9] and *Androsonia leptura* (Family: Mochokidae), *Eutropius niloticus* (Family: Schilbeidae), *Physalla pellucid* (Family :), *Garra vineinguerre* (Family: Cyprinidae) and *Aplocheichtys kingi* (Family: Cyprinodontidae).
7. The fishbase.org valid name *Labeobarbus bynni* Forsskal, 1775 was not used, instead (*Barbus bynni*) is given in the list.
9. The Fishbase.org list included five fish species *Oncorhynchus mykiss* (Family: Salmonidae); *Oreochromis macrochir* (Family: Cichlidae); *Ctenopharyngodon idella* and *Cyprinus carpio* (Family: Cyprinidae) and *Gambusia affinis* (Family: Poeciliidae) introduced some decades ago.

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Of these, there are no recent collection records, except for *G. affinis*.

10. Twenty one corrections of the local names were made in Table 1.

### Updating

When modifying the list, new species to science, new records to Sudan and newly introduced species are to be given due attention

1. Two new fish species are to be included when modifying the list. *Labeo meroensis* n. sp. [18] from the main Nile near Shendi and *Labeo latebra* n. sp. [19] from the White Nile near Kosti.
2. *Paradistichodus dimidiatus* and *Enteromius macrops* are reported for the first time from the main Nile Basin from the White Nile near Kosti [20, 21].
3. Fish species introduced for the aquaculture purpose during the period of 2003 to 2006 were *Gibelion catla* (Family: Cyprinidae), *Oreochromis urolepis* in addition to crossbreeds of *O. niloticus* such as GIFT tilapia, Chi strain, red tilapia and supper male.

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Table-1

Order	Family	Species	Local name
Lepidosireniiformes	Protopteridae	<i>Protopterus aethiopicus</i>	Samakt al teen
Lepidosireniiformes	Protopteridae	<i>Protopterus annectens</i>	
Polypteriformes	Polypteridae	<i>Polypterus bichir</i>	Dabeeb elhoot
Polypteriformes	Polypteridae	<i>Polypterus endlicherii</i>	Dabeeb elhoot
Polypteriformes	Polypteridae	<i>Polypterus senegalus</i>	

Osteoglossiformes	Arapaimidae	<u>Heterotis niloticus</u>	Nok
Osteoglossiformes	Notopteridae	<u>Papyrocranus afer</u>	
Osteoglossiformes	Mormyridae	<u>Mormyrus caschive</u>	
Osteoglossiformes	Mormyridae	<u>Mormyrus hasselquistii</u>	
Osteoglossiformes	Mormyridae	<u>Mormyrus kannume</u>	
Osteoglossiformes	Mormyridae	<u>Mormyrus niloticus</u>	
Osteoglossiformes	Mormyridae	<u>Hyperopisus bebe</u>	
Osteoglossiformes	Mormyridae	<u>Mormyrops anguilloides</u>	
Osteoglossiformes	Mormyridae	<u>Petrocephalus bane</u>	Ras elhajar
Osteoglossiformes	Mormyridae	<u>Petrocephalus bovei</u>	Ras elhajar
Osteoglossiformes	Mormyridae	<u>Petrocephalus keatingii</u>	Ras elhajar
Osteoglossiformes	Mormyridae	<u>Marcusenius cyprinoides</u>	
Osteoglossiformes	Mormyridae	<u>Marcusenius macrolepidotus</u>	
Osteoglossiformes	Mormyridae	<u>Brevimyrus niger</u>	
Osteoglossiformes	Mormyridae	<u>Hippopotamyrus harringtoni</u>	
Osteoglossiformes	Mormyridae	<u>Hippopotamyrus pictus</u>	
Osteoglossiformes	Mormyridae	<u>Pollimyrus isidori</u>	
Osteoglossiformes	Mormyridae	<u>Pollimyrus petherici</u>	
Osteoglossiformes	Gymnarchidae	<u>Gymnarchus niloticus</u>	
Gonorynchiformes	Kneriidae	<u>Cromeria nilotica</u>	
Characiformes	Alestidae	<u>Hydrocynus brevis</u>	
Characiformes	Alestidae	<u>Hydrocynus forskahlii</u>	
Characiformes	Alestidae	<u>Hydrocynus vittatus</u>	
Characiformes	Alestidae	<u>Brycinus nurse</u>	
Characiformes	Alestidae	<u>Brycinus macrolepidotus</u>	
Characiformes	Alestidae	<u>Alestes baremoze</u>	
Characiformes	Alestidae	<u>Alestes dentex</u>	
Characiformes	Alestidae	<u>Micralestes acutidens</u>	
Characiformes	Alestidae	<u>Micralestes elongates</u>	
Characiformes	Distichodontidae	<u>Ichthyborus besse</u>	
Characiformes	Distichodontidae	<u>Distichodus brevipinnis</u>	Kewase tuti
Characiformes	Distichodontidae	<u>Distichodus engycephalus</u>	
Characiformes	Distichodontidae	<u>Distichodus nefasch</u>	
Characiformes	Distichodontidae	<u>Distichodus rostratus</u>	
Characiformes	Distichodontidae	<u>Neolebias trewavasae</u>	
Characiformes	Distichodontidae	<u>Nannocharax niloticus</u>	
Characiformes	Citharinidae	<u>Citharinus citharus</u>	
Characiformes	Citharinidae	<u>Citharinus latus</u>	
Cypriniformes	Cyprinidae	<u>Barbus anema</u>	
Cypriniformes	Cyprinidae	<u>Barbus bynni</u>	Bynni
Cypriniformes	Cyprinidae	<u>Barbus leonensis</u>	
Cypriniformes	Cyprinidae	<u>Barbus neglectus</u>	
Cypriniformes	Cyprinidae	<u>Barbus nigeriensis</u>	
Cypriniformes	Cyprinidae	<u>Barbus perince</u>	
Cypriniformes	Cyprinidae	<u>Barbus pumilus</u>	
Cypriniformes	Cyprinidae	<u>Barbus stigmatopygus</u>	
Cypriniformes	Cyprinidae	<u>Barbus tongaensis</u>	
Cypriniformes	Cyprinidae	<u>Barbus yeiensis</u>	
Cypriniformes	Cyprinidae	<u>Labeo forskalii</u>	
Cypriniformes	Cyprinidae	<u>Labeo coubie</u>	Kadn
Cypriniformes	Cyprinidae	<u>Labeo horie</u>	
Cypriniformes	Cyprinidae	<u>Labeo niloticus</u>	
Cypriniformes	Cyprinidae	<u>Labeo parvus</u>	
Cypriniformes	Cyprinidae	<u>Chelaethiops bibie</u>	
Cypriniformes	Cyprinidae	<u>Leptocypris niloticus</u>	
Cypriniformes	Cyprinidae	<u>Neobola nilotica</u>	
Cypriniformes	Cyprinidae	<u>Raiamas senegalensis</u>	
Siluriformes	Bagridae	<u>Bagrus bajad</u>	Bayad

Siluriformes	Bagridae	<u><i>Bagrus doemak</i></u>	Kabarose
Siluriformes	Claroteidae	<u><i>Auchenoglanis biscutatus</i></u>	
Siluriformes	Claroteidae	<u><i>Auchenoglanis occidentalis</i></u>	
Siluriformes	Claroteidae	<u><i>Clarotes laticeps</i></u>	Bamseika
Siluriformes	Claroteidae	<i>Chrysichthys auratus</i>	
Siluriformes	Claroteidae	<u><i>Chrysichthys rueppelli</i></u>	
Siluriformes	Schilbeidae	<u><i>Schilbe intermedius</i></u>	Shilbaya
Siluriformes	Schilbeidae	<u><i>Schilbe mystus</i></u>	Shilbaya or arabia
Siluriformes	Schilbeidae	<u><i>Schilbe uranoscopus</i></u>	Um katif
Siluriformes	Schilbeidae	<u><i>Siluranodon auritus</i></u>	Shilbaya
Siluriformes	Schilbeidae	<u><i>Parailia pellucida</i></u>	
Siluriformes	Clariidae	<u><i>Clarias alluaudi</i></u>	
Siluriformes	Clariidae	<u><i>Clarias anguillaris</i></u>	
Siluriformes	Clariidae	<i>Clarias engelseni</i>	
Siluriformes	Clariidae	<u><i>Clarias gariepinus</i></u>	
Siluriformes	Clariidae	<u><i>Clarias liocephalus</i></u>	
Siluriformes	Clariidae	<u><i>Clarias wernerii</i></u>	
Siluriformes	Clariidae	<u><i>Heterobranchus bidorsalis</i></u>	
Siluriformes	Clariidae	<u><i>Heterobranchus longifilis</i></u>	
Siluriformes	Amphiliidae	<u><i>Andersonia leptura</i></u>	
Siluriformes	Malapteruridae	<u><i>Malapterurus electricus</i></u>	
Siluriformes	Mochokidae	<u><i>Chiloglanis niloticus</i></u>	
Siluriformes	Mochokidae	<u><i>Mochokus brevis</i></u>	
Siluriformes	Mochokidae	<u><i>Mochokus niloticus</i></u>	
Siluriformes	Mochokidae	<u><i>Synodontis batensoda</i></u>	Galaby
Siluriformes	Mochokidae	<u><i>Synodontis caudovittatus</i></u>	
Siluriformes	Mochokidae	<u><i>Synodontis filamentosus</i></u>	
Siluriformes	Mochokidae	<u><i>Synodontis frontosus</i></u>	
Siluriformes	Mochokidae	<u><i>Synodontis khartoumensis</i></u>	Gargur
Siluriformes	Mochokidae	<u><i>Synodontis membranaceus</i></u>	Galaby
Siluriformes	Mochokidae	<u><i>Synodontis nigrita</i></u>	
Siluriformes	Mochokidae	<u><i>Synodontis schall</i></u>	
Siluriformes	Mochokidae	<u><i>Synodontis serratus</i></u>	
Siluriformes	Mochokidae	<u><i>Synodontis sorex</i></u>	
Cyprinodontiformes	Nothobranchiidae	<u><i>Nothobranchius bellemansi</i></u>	
Cyprinodontiformes	Nothobranchiidae	<u><i>Nothobranchius nubaensis</i></u>	
Cyprinodontiformes	Nothobranchiidae	<u><i>Nothobranchius occultus</i></u>	
Cyprinodontiformes	Nothobranchiidae	<u><i>Nothobranchius rubroreticulatus</i></u>	
Cyprinodontiformes	Nothobranchiidae	<u><i>Nothobranchius virgatus</i></u>	
Cyprinodontiformes	Nothobranchiidae	<u><i>Epiplatys bifasciatus</i></u>	
Cyprinodontiformes	Nothobranchiidae	<u><i>Epiplatys spilargyreus</i></u>	
Cyprinodontiformes	Poeciliidae	<u><i>Aplocheilichthys hutereaui</i></u>	
Cyprinodontiformes	Poeciliidae	<u><i>Aplocheilichthys kingii</i></u>	
Cyprinodontiformes	Poeciliidae	<u><i>Poropanchax normani</i></u>	
Cyprinodontiformes	Poeciliidae	<u><i>Micropanchax loati</i></u>	
Cyprinodontiformes	Poeciliidae	<u><i>Gambusia affinis</i></u>	
Perciformes	Channidae	<u><i>Parachanna obscura</i></u>	
Perciformes	Latidae	<u><i>Lates niloticus</i></u>	
Perciformes	Cichlidae	<u><i>Haplochromis loati</i></u>	
Perciformes	Cichlidae	<u><i>Thoracochromis wingatii</i></u>	
Perciformes	Cichlidae	<u><i>Pseudocrenilabrus multicolor</i></u>	
Perciformes	Cichlidae	<u><i>Hemichromis fasciatus</i></u>	
Perciformes	Cichlidae	<u><i>Hemichromis letourneuxi</i></u>	
Perciformes	Cichlidae	<u><i>Oreochromis niloticus</i></u>	
Perciformes	Cichlidae	<u><i>Coptodon zillii</i></u>	
Perciformes	Cichlidae	<u><i>Sarotherodon galilaeus</i></u>	
Perciformes	Eleotridae	<u><i>Kribia nana</i></u>	

Perciformes	Anabantidae	<u><i>Ctenopoma muriei</i></u>	
Perciformes	Anabantidae	<u><i>Ctenopoma petherici</i></u>	
Tetraodontiformes	Tetraodontidae	<u><i>Tetraodon lineatus</i></u>	Tambira