

VI.—*A List of the Freshwater Fishes of Africa.*

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So many additions have been made to the African freshwater fish-fauna during the last few years, over 400 new species having been described by myself, that a full list, with a brief indication of the habitats, seems worthy of publication. This list is intended to serve as a basis for a general account of the distribution of these fishes which I am now preparing for the South African Meeting of the British Association.

In order to save space bibliographical references have been omitted; the indication of the author for each genus and species, coupled with the year of publication, should, with the help of the British Museum Catalogue and the series of volumes of the 'Zoological Record' (from 1864), suffice to meet the requirements of the student.

Merely estuarine forms are excluded from this list.

Species occurring both in the sea and in fresh water are marked with an asterisk after the indication of the habitat.

## Ord. I. PLAGIOSTOMI.

## Fam. 1. CARCHARIIDÆ.

1. *Carcharias*, Cuv. 1817.  
     1. *zambesensis*, Peters, 1852. Zambesi.

## Fam. 2. PRISTIDÆ.

1. *Pristis*, Latham, 1794.  
     1. *Perroteti*, M. & H. 1838. East Coast\*.

## Ord. II. CROSSOPTERYGII.

## Fam. POLYPTERIDÆ.

1. *Polypterus*, Geoffr. 1802.  
     1. *bichir*, Geoffr. 1802. Nile, L. Chad.  
     2. *Lapradii*, Sldr. 1869. Senegal, Gambia, Niger.  
     3. *congius*, Blgr. 1898. Congo, L. Tanganyika.  
     4. *Endlicheri*, Heck. 1849. White Nile, Niger.  
     5. *Delhezi*, Blgr. 1899. Congo, L. Chad.  
     6. *ornatipinnis*, Blgr. 1902. Congo.  
     7. *Weeksii*, Blgr. 1898. Congo, Katanga.  
     8. *senegalus*, Cuv. 1829. Nile, L. Rudolf, Senegal, Gambia, Niger.  
     9. *palmas*, Ayres, 1850. Liberia, Congo.  
     10. *retropinnis*, Vaill. 1899. Congo.  
     2. *Calamichthys*, J. A. Smith, 1866.  
         1. *calabaricus*, J. A. Smith, 1866. Niger Delta to Chiloango.

## Ord. III. DIPNEUSTI.

## Fam. LEPIDOSIRENIDÆ.

1. *Protopterus*, Ow. 1839.
  1. *annectens*, Ow. 1839. Senegal, Gambia, Niger, L. Chad, Zambesi.
  2. *æthiopicus*, Heck. 1851. White Nile to Great Lakes, Ugalla Marshes, E. of L. Tanganyika.
  3. *Dolloi*, Blgr. 1900. Ogowe, Congo.

## Ord. IV. TELEOSTEI.

## Subord. I. MALACOPTERYGII.

## Fam. 1. ELOPIDÆ.

1. *Elops*, L. 1766.
  1. *saurus*, L. 1766. E. and W. Coasts, Madagascar \*.
  2. *lacerta*, C. & V. 1846. W. Coast \*.
2. *Megalops*, Lacep. 1803.
  1. *cyprinoides*, Brouss. 1782. E. Coast, Madagascar \*.

## Fam. 2. MORMYRIDÆ.

1. *Mormyrops*, J. Müll. 1843.
  1. *deliciosus*, Leach, 1810. Senegal to Congo, Zambesi, Webi Shebeli, Juba, L. Nyassa.
  2. *anguilloides*, L. 1766. Lower Nile.
  3. *longiceps*, Gthr. 1867. Gold Coast.
  4. *breviceps*, Stdr. 1894. St. Paul R. (Liberia).
  5. *zancirostris*, Gthr. 1867. Gaboon, Ogowe.
  6. *engystoma*, Blgr. 1898. Congo.
  7. *parvus*, Blgr. 1899. "
  8. *Masuianus*, Blgr. 1898. "
  9. *sirenoides*, Blgr. 1898. "
  10. *Boulengeri*, Pellegr. 1900. "
  11. *curtus*, Blgr. 1899. "
  12. *lineolatus*, Blgr. 1898. "
  13. *nigricans*, Blgr. 1899. "
  14. *microstoma*, Blgr. 1898. "
  15. *Mariae*, Schilth. 1891. "
  16. *attenuatus*, Blgr. 1898. "
  17. *furcidens*, Pellegr. 1900. "
2. *Petrocephalus*, Marcus. 1854.
  1. *bauc*, Lacep. 1803. Nile, L. Chad, Niger.
  2. *Ansorgii*, Blgr. 1902. Lower Niger.
  3. *Sauvagi*, Blgr. 1887. Old Calabar to Congo.
  4. *Keatingii*, Blgr. 1901. White Nile.
  5. *Bovei*, C. & V. 1846. Nile, Senegal, Gambia.
  6. *Ballayi*, Sauv. 1883. Ogowe, Congo.
  7. *simus*, Sauv. 1878. Liberia to Cameroon, Ogowe, Congo, Angola, Juba.
  8. *gliroides*, Vincig. 1897. Rovuma, L. Nyassa.
  9. *catostoma*, Gthr. 1866. "
3. *Isichthys*, Gill, 1863.
  1. *Henryi*, Gill, 1863. Liberia to Mayumba.
4. *Marcusenius*, Gill, 1863.
  1. *Marchii*, Sauv. 1878. Ogowe.

4. *Marcusenius* (con.).

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| 2. <i>sphecodes</i> , Sauv. 1878.        | S. Cameroon to Congo.  |
| 3. <i>bruchistius</i> , Gill, 1863.      | Sierra Leone to Congo. |
| 4. <i>longianalis</i> , Blgr. 1901.      | Lower Niger.           |
| 5. <i>Kingsleyæ</i> , Gthr. 1896.        | Old Calabar, Congo.    |
| 6. <i>Cabræ</i> , Blgr. 1900.            | Mayumba.               |
| 7. <i>adpersus</i> , Gthr. 1866.         | Lagos, Congo.          |
| 8. <i>nigripinnis</i> , Blgr. 1899.      | Congo.                 |
| 9. <i>pulverulentus</i> , Blgr. 1899.    | "                      |
| 10. <i>Lhuysii</i> , Stdr. 1870.         | Senegal, L. Chad.      |
| 11. <i>Ansorgii</i> , Blgr. 1905.        | Angola.                |
| 12. <i>Isidori</i> , C. & V. 1846.       | Nile.                  |
| 13. <i>pauciradiatus</i> , Stdr. 1866.   | Angola.                |
| 14. <i>Harringtoni</i> , Blgr. 1905.     | White Nile.            |
| 15. <i>Weeksii</i> , Blgr. 1902.         | Congo.                 |
| 16. <i>playiostoma</i> , Blgr. 1898.     | "                      |
| 17. <i>tumifrons</i> , Blgr. 1902.       | "                      |
| 18. <i>Wilverthi</i> , Blgr. 1898.       | "                      |
| 19. <i>discorhynchus</i> , Peters, 1852. | Zambesi, L. Nyassa.    |
| 20. <i>Petherici</i> , Blgr. 1898.       | White Nile, Blue Nile. |
| 21. <i>Budgetti</i> , Blgr. 1904.        | Lower Niger.           |
| 22. <i>psittacus</i> , Blgr. 1897.       | Congo.                 |

5. *Stomatorhinus*, Blgr. 1898.

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| 1. <i>puncticulatus</i> , Blgr. 1899. | Congo. |
| 2. <i>Walkeri</i> , Gthr. 1867.       | Ogowe. |
| 3. <i>humilior</i> , Blgr. 1899.      | Congo. |
| 4. <i>Corneti</i> , Blgr. 1899.       | "      |
| 5. <i>polylepis</i> , Blgr. 1899.     | "      |
| 6. <i>microps</i> , Blgr. 1898.       | "      |

6. *Myomyrus*, Blgr. 1898.

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| 1. <i>macrodon</i> , Blgr. 1898. | Congo. |
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7. *Gnathonemus*, Gill, 1863.

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| 1. <i>niger</i> , Gthr. 1866.            | Gambia.                      |
| 2. <i>leopoldianus</i> , Blgr. 1899.     | Congo.                       |
| 3. <i>Bentleyi</i> , Blgr. 1897.         | "                            |
| 4. <i>Friteli</i> , Pellegr. 1904.       | "                            |
| 5. <i>Livingstonii</i> , Blgr. 1898.     | Rovuma.                      |
| 6. <i>macrolepidotus</i> , Peters, 1852. | Zambesi, Katunga.            |
| 7. <i>Moorii</i> , Gthr. 1867.           | S. Cameroon to Congo.        |
| 8. <i>Lambouri</i> , Pellegr. 1904.      | Congo.                       |
| 9. <i>fuscus</i> , Pellegr. 1901.        | "                            |
| 10. <i>pictus</i> , Marcus. 1864.        | Upper Nile, White Nile.      |
| 11. <i>Schilthuisiæ</i> , Blgr. 1899.    | Congo.                       |
| 12. <i>cyprinoides</i> , L. 1766.        | Nile, L. Chad, Niger, Congo. |
| 13. <i>senegalensis</i> , Stdr. 1870.    | Senegal, Gambia, L. Chad.    |
| 14. <i>Bruyerii</i> , Pellegr. 1904.     | Ivory Coast.                 |
| 15. <i>angolensis</i> , Blgr. 1905.      | Angola.                      |
| 16. <i>Stanleyanus</i> , Blgr. 1897.     | Congo.                       |
| 17. <i>mento</i> , Blgr. 1890.           | Liberia, Gaboon.             |
| 18. <i>Monteiri</i> , Gthr. 1873.        | Congo.                       |
| 19. <i>Petersii</i> , Gthr. 1862.        | Niger, Calabar, Congo.       |
| 20. <i>longibarbis</i> , Hilg. 1888.     | L. Victoria.                 |
| 21. <i>Gilli</i> , Blgr. 1904.           | Lower Niger.                 |
| 22. <i>Ussheri</i> , Gthr. 1867.         | Liberia, Gold Coast.         |
| 23. <i>Abadii</i> , Blgr. 1901.          | Upper Niger.                 |
| 24. <i>Greshoffi</i> , Schilth. 1891.    | Congo.                       |
| 25. <i>kutuensis</i> , Blgr. 1899.       | "                            |
| 26. <i>tamandua</i> , Gthr. 1864.        | Niger, Calabar, Congo.       |

7. *Gnathonemus* (con.).  
 27. *mirus*, Blgr. 1898. Congo.  
 28. *elephas*, Blgr. 1898. L. Chad, Congo.  
 29. *rhynchophorus*, Blgr. 1898. Congo.  
 30. *curvirostris*, Blgr. 1898. "  
 31. *ibis*, Blgr. 1902. "  
 32. *numenius*, Blgr. 1898. "  
 8. *Genyomyrus*, Blgr. 1898.  
 1. *Donnyi*, Blgr. 1898. Congo.  
 9. *Mormyrus*, L. 1766.  
 1. *Hasselquistii*, C. & V. 1846. Nile.  
 2. *Anchietae*, Guim. 1884. Angola.  
 3. *Lacerdae*, Casteln. 1861. L. Ngami.  
 4. *Guentheri*, Blgr. 1898. Niger.  
 5. *macrophthalmus*, Gthr. 1866. "  
 6. *ovis*, Blgr. 1898. Congo.  
 7. *caschive*, Hasselq. 1757. Nile, L. Chad, Senegal to Congo.  
 8. *rume*, C. & V. 1846. Senegal.  
 9. *niloticus*, Bl. 1801. Nile.  
 10. *longirostris*, Peters, 1852. Nile, Congo, Zambesi, L. Mweru.  
 11. *Bozæ*, Pellegr. 1903. Congo.  
 12. *kannume*, Forsk. 1775. Nile, L. Victoria, Webi Shebeli.  
 13. *Hildebrandti*, Peters, 1882. Athi R. (Ukamba).  
 14. *caballus*, Blgr. 1898. Congo.  
 15. *proboscirostris*, Blgr. 1898. "  
 16. *tenuirostris*, Peters, 1882. Athi R. (Ukamba).  
 10. *Hyperopisus*, Gill, 1862.  
 1. *bebe*, Lacep. 1803. Nile, L. Chad, Senegal, Gambia, Niger.  
 2. *tenuicauda*, Pellegr. 1904. L. Chad.  
 11. *Gymnarchus*, Cuv. 1829.  
 1. *niloticus*, Cuv. 1829. White Nile, L. Chad, Senegal to Niger.

## Fam. 3. NOTOPTERIDÆ.

1. *Notopterus*, Lacep. 1800.  
 1. *afer*, Gthr. 1868. Gambia to Calabar, Congo.  
 2. *Xenomystus*, Gthr. 1868.  
 1. *nigri*, Gthr. 1868. Bahr el Gebel, Liberia to Congo.

## Fam. 4. OSTEGLLOSSIDÆ.

1. *Heterotis*, Cuv. 1829.  
 1. *niloticus*, Cuv. 1829. Nile, L. Chad, Senegal, Gambia, Niger.

## Fam. 5. PANTODONTIDÆ.

1. *Pantodon*, Peters, 1876.  
 1. *Buchholzi*, Peters, 1876. Low. Niger to Congo.

## Fam. 6. PHRACTOLÆMIDÆ.

1. *Phractolæmus*, Blgr. 1901.  
 1. *Ansorgii*, Blgr. 1901. Low. Niger, Congo.

## Fam. 7. CLUPEIDÆ.

1. *Clupea*, L. 1766.  
 1. *finta*, Cuv. 1829. N. Africa\*.

2. *Pellonula*, Gthr. 1868.
  1. *vorax*, Gthr. 1868. Senegal to Congo.
  2. *acutirostris*, Blgr. 1899. Congo.
3. *Microthrissa*, Blgr. 1902.
  1. *Royauxi*, Blgr. 1902. Congo.
4. *Odaxothrissa*, Blgr. 1899.
  1. *losera*, Blgr. 1899. Congo.
5. *Pellona*, C. & V. 1847.
  1. *indica*, Swains. 1838. Kingani\*.
6. *Chanos*, Lacep. 1803.
  1. *mossambicus*, Peters, 1852. Quisonga (Mozambique).

## Fam. 8. SALMONIDÆ.

1. *Salmo*, L. 1766.
  1. *trutta*, L. 1766. Atlas of Algeria.

## Fam. 9. CROMERIIDÆ.

1. *Cromeria*, Blgr. 1901.
  1. *nilotica*, Blgr. 1901. White Nile.

## Subord. II. OSTARIOPHYSI.

## Fam. 1. CHARACINIDÆ.

1. *Sarcodaces*, Gthr. 1864.
  1. *odoë*, Bl. 1794. Senegal to Congo, L. Chad, L. Ngami.
2. *Hydrocyon*, Cuv. 1817.
  1. *Forskaliï*, Cuv. 1817. Nile, Senegal, Niger.
  2. *lineatus*, Blkr. 1863. Blue Nile, White Nile, Liberia, Niger, Congo, L. Tanganyika and Mweru, Zambesi, Limpopo, L. Ngami (?). Congo.
  3. *vittiger*, Blgr. 1898. Congo.
  4. *goliath*, Blgr. 1898. Congo.
  5. *brevis*, Gthr. 1864. Nile, L. Chad, Senegal, Gambia.
3. *Bryconæthiops*, Gthr. 1873.
  1. *microstoma*, Gthr. 1873. Cameroon, Congo.
  2. *Yseuri*, Blgr. 1899. Congo.
4. *Alestes*, M. & T. 1846.
  1. *macrophthalmus*, Gthr. 1867. Gaboon to Congo, L. Tanganyika, L. Mweru, Congo.
  2. *Liebrechtsii*, Blgr. 1898. Congo.
  3. *baremoë*, Joann. 1835. Nile, L. Rudolf, L. Chad, Senegal to Niger.
  4. *dentex*, L. 1766. Nile, L. Chad, Senegal to Niger.
  5. *Stuhnnanni*, Pfeff. 1896. Kingani.
  6. *Tholloni*, Pellegr. 1901. Congo.
  7. *intermedius*, Blgr. 1903. Cameroon.
  8. *nurse*, Rüpp. 1832. Nile, L. Victoria, L. Rudolf, Senegal to Cameroon.
  9. *humilis*, Blgr. 1905. Angola.
  10. *imberi*, Peters, 1852. Wami to Zambesi, Angola.
  11. *lateralis*, Blgr. 1900. L. Dilolo, C. Africa.
  12. *senegalensis*, Stdr. 1870. Senegal.
  13. *Lemaïrii*, Blgr. 1899. L. Mweru.
  14. *natalensis*, Blgr. 1904. Durban.
  15. *longipinnis*, Gthr. 1864. Sierra Leone to Congo.
  16. *Chaperi*, Sauv. 1882. Gold Coast.

4. *Alestes* (con.).
- 17. *affinis*, Gthr. 1894. Webi Shebeli to Tana.
  - 18. *teniurus*, Gthr. 1867. Cameroon, Gaboon.
  - 19. *Fuchsii*, Blgr. 1899. Congo.
  - 20. *bimaculatus*, Blgr. 1899. "
  - 21. *Kingsleyæ*, Gthr. 1896. Ogowe.
  - 22. *opisthotenia*, Blgr. 1903. Cameroon.
  - 23. *brevis*, Blgr. 1903. Gold Coast, Lagos.
  - 24. *macrolepidotus*, C. & V. 1849. Nile, L. Chad, Senegal to Ogowe, L. Tanganyika.
25. *grandisquamis*, Blgr. 1899. Congo.
26. *Batesii*, Blgr. 1903. Cameroon.
5. *Micralestes*, Blgr. 1899.
- 1. *acutidens*, Ptrs. 1852. Nile, Omo, Niger, Congo, Rovuma, Zambesi.
  - 2. *humilis*, Blgr. 1899. Congo.
  - 3. *holargyreus*, Gthr. 1873. "
  - 4. *altus*, Blgr. 1899. "
  - 5. *Stormsi*, Blgr. 1902. "
  - 6. *interruptus*, Blgr. 1899. "
6. *Petersius*, Hilgendorf. 1894.
- 1. *conserialis*, Hilgendorf. 1894. Kingani.
  - 2. *occidentalis*, Gthr. 1899. Gold Coast.
  - 3. *caudalis*, Blgr. 1899. Congo.
  - 4. *Leopoldianus*, Blgr. 1899. "
  - 5. *Hilgendorfi*, Blgr. 1899. "
  - 6. *modestus*, Blgr. 1899. "
  - 7. *major*, Blgr. 1903. Cameroon.
7. *Eugnathichthys*, Blgr. 1898.
- 1. *Eetveldii*, Blgr. 1898. Congo.
  - 2. *macroterolepis*, Blgr. 1899. "
8. *Paraphago*, Blgr. 1899.
- 1. *rostratus*, Blgr. 1899. Congo.
9. *Mesoborus*, Pellegr. 1900.
- 1. *crocodilus*, Pellegr. 1900. Congo.
10. *Phago*, Gthr. 1865.
- 1. *loricatus*, Gthr. 1865. W. Africa.
  - 2. *intermedius*, Blgr. 1899. Congo.
  - 3. *Boulengeri*, Schilth. 1891. "
11. *Neoborus*, Blgr. 1899.
- 1. *ornatus*, Blgr. 1899. Congo.
  - 2. *quadrilineatus*, Pellegr. 1904. Casamanza.
12. *Ichthyoborus*, Gthr. 1864.
- 1. *besse*, Joann. 1835. Nile, White Nile, L. Chad.
13. *Hemistichodus*, Pellegr. 1901.
- 1. *Vaillanti*, Pellegr. 1901. Ogowe.
14. *Nannæthiops*, Gthr. 1871.
- 1. *uniteniatus*, Gthr. 1871. White Nile, Gold Coast to Congo.
15. *Neolebias*, Stdr. 1894.
- 1. *uvivittatus*, Stdr. 1894. Liberia, Cameroon.
  - 2. *trilineatus*, Blgr. 1899. Congo.
16. *Distichodus*, M. & T. 1845.
- 1. *notospilus*, Gthr. 1867. Cameroon to Congo.
  - 2. *affinis*, Gthr. 1873. Congo.
  - 3. *altus*, Blgr. 1899. L. Chad, Congo.
  - 4. *noboli*, Blgr. 1899. Congo.
  - 5. *hypostomatus*, Pellegr. 1900. Ogowe.

16. *Distichodus* (con.).
6. *maculatus*, Blgr. 1898. Congo.
  7. *Petersii*, Pfeff. 1896. Kingani R.
  8. *Antonii*, Schilth. 1891. Congo.
  9. *atroventralis*, Blgr. 1898. "
  10. *fasciolatus*, Blgr. 1898. "
  11. *mossambicus*, Peters, 1852. Zambesi.
  12. *brevipinnis*, Gthr. 1864. White Nile, L. Chad, Senegal, Niger.
  13. *rostratus*, Gthr. 1864. Nile, L. Chad, Senegal, Niger.
  14. *niloticus*, L. 1766. Nile, White Nile, L. Rudolf.
  15. *engycephalus*, Gthr. 1864. Nile, Blue Nile, Niger.
  16. *sc.fasciatus*, Blgr. 1897. Congo.
  17. *lusosso*, Schilth. 1891. "
17. *Nannocharax*, Gthr. 1867.
1. *brevis*, Blgr. 1902. Congo.
  2. *fasciatus*, Gthr. 1867. Gold Coast, Gaboon, Congo.
  3. *intermedius*, Blgr. 1903. Cameroun.
  4. *niloticus*, Joann. 1835. Nile, White Nile.
  5. *elongatus*, Blgr. 1900. Congo.
  6. *tenia*, Blgr. 1902. "
  7. *dimidiatus*, Pellegr. 1904. Casamanza.
18. *Xenocharax*, Gthr. 1867.
1. *spilurus*, Gthr. 1867. Cameroon to Congo.
  2. *crassus*, Pellegr. 1900. Congo.
19. *Citharidium*, Blgr. 1902.
1. *Ansorgii*, Blgr. 1902. Low. Niger.
20. *Citharinus*, Cuv. 1817.
1. *citharus*, Geoffr. 1809. Nile, L. Chad, Senegal, Gambia, Niger.
  2. *congius*, Blgr. 1897. Congo.
  3. *macrolepis*, Blgr. 1899. "
  4. *latus*, M. & T. 1845. Nile, Senegal, Niger, Kingani (?).
  5. *gibbosus*, Blgr. 1899. Congo, L. Tanganyika.

## Fam. 2. CYPRINIDÆ.

1. *Labeo*, Cuv. 1817.
1. *niloticus*, Forsk. 1775. Nile.
  2. *horic*, Heck. 1846. Nile, L. Albert, L. Chad, Senegal, Gambia, Niger.
  3. *Steindachneri*, Pfeff. 1896. Kingani.
  4. *altivelis*, Peters, 1852. Zambesi, L. Nyassa.
  5. *Rosæ*, Stdr. 1894. Limpopo R.
  6. *mesops*, Gthr. 1868. L. Nyassa.
  7. *lineatus*, Blgr. 1898. Congo.
  8. *velifer*, Blgr. 1898. "
  9. *longipinnis*, Blgr. 1898. "
  10. *coubie*, Rüpp. 1832. Nile, L. Chad, Senegal, Gambia, Niger.
  11. *congoro*, Peters, 1852. Zambesi.
  12. *Gregorii*, Gthr. 1894. Juba to Rovuma.
  13. *Neumanni*, Blgr. 1903. Webi Shebeli.
  14. *Darlingi*, Blgr. 1902. Rhodesia.
  15. *victorianus*, Blgr. 1901. L. Victoria.
  16. *Fuellebornii*, Hilg. & Pappenh. 1903. L. Rukwa.
  17. *cyclorhynchus*, Blgr. 1899. Ogowe, Congo.
  18. *falcipinnis*, Blgr. 1903. Congo.
  19. *Kürkü*, Blgr. 1903. Rovuma.
  20. *Forskalii*, Rüpp. 1835. Nile.
  21. *cylindricus*, Peters, 1852. Hawash to Zambesi, L. Baringo.

1. *Labeo* (con.).
  22. *macrostoma*, Blgr. 1898. Congo.
  23. *nasus*, Blgr. 1899. "
  24. *Greenii*, Blgr. 1902. "
  25. *brachypoma*, Gthr. 1868. Lagos, Gold Coast.
  26. *annectens*, Blgr. 1903. Cameroon.
  27. *chariensis*, Pellegr. 1904. L. Chad.
  28. *Lukulæ*, Blgr. 1902. Congo.
  29. *parvus*, Blgr. 1902. "
  30. *barbatus*, Bigr. 1898. "
  31. *capensis*, A. Smith, 1841. Orange R., Limpopo R.
  32. *umbratus*, A. Smith, 1841. Orange R.
2. *Discognathus*, Heck. 1843.
  1. *dembeensis*, Rüpp. 1837. L. Tsana, Nairobi R. (Kilimandjaro).
  2. *Johnstoni*, Blgr. 1901. L. Victoria.
  3. *Vinciguerræ*, Blgr. 1901. Upp. Nile, White Nile.
  4. *Blanfordii*, Blgr. 1901. Eastern watershed of Abyssinia, Erythrea, Nyiro R.
  5. *Hindii*, Blgr. 1905. Maki R. (Lake Zwai).
  6. *makiensis*, Blgr. 1903. L. Tsana, Hawash R.
  7. *quadrinaculatus*, Rüpp. 1837. L. Tsana, Hawash R.
3. *Varicorhinus*, Rüpp. 1837.
  1. *beso*, Rüpp. 1837. L. Tsana, Atbara R., Hawash R.
  2. *tanganicæ*, Blgr. 1900. L. Tanganyika.
  3. *maroccanus*, Gthr. Morocco.
4. *Barbus*, Cuv. 1817.
  1. *callensis*, C. & V. 1842. Morocco, Algeria, Tunisia.
  2. *nasus*, Gthr. 1868. Morocco.
  3. *serra*, Peters, 1864. Oliphants R.
  4. *setivimensis*, C. & V. 1842. Morocco, Algeria, Tunisia.
  5. *Vinciguerræ*, Pfeff. 1896. Wembere R. (Usambara), L. Rukwa (?), Angola.
  6. *Welwitschii*, Gthr. 1868. "
  7. *Mattozi*, Guimar. 1884. "
  8. *argenteus*, Gthr. 1868. "
  9. *kurumani*, Casteln. 1861. Kuruman R.
  10. *macropristis*, Blgr. 1904. L. Victoria.
  11. *taitensis*, Gthr. 1894. Taita district, inland of Mombasa.
  12. *paludinosus*, Peters, 1852. Hawash to Zambesi, Durban.
  13. *longicauda*, Blgr. 1905. Mozambique.
  14. *thikensis*, Blgr. 1905. Thika (Tana System).
  15. *Pfefferi*, Blgr. 1905<sup>1</sup>. Unyamwesi district and Kingani.
  16. *tetraspilus*, Pfeff. 1896. Upp. Ituri (Congo System).
  17. *zanzibaricus*, Peters, 1868. Mombasa.
  18. *Neumayeri*, Fisch. 1884. Nguruman (Masai district).
  19. *carpio*, Pfeff. 1896. L. Albert.
  20. *Percivali*, Blgr. 1903. Nairobi (Rufu).
  21. *lumiensis*, Blgr. 1903. Lumi (Rufu).
  22. *laticeps*, Pfeff. 1893. Wami R.
  23. *Kerstenii*, Peters, 1868. Between Mombasa and Kilimandjaro.
  24. *salmo*, Pfeff. 1896. Pangani.
  25. *Kessleri*, Stdr. 1866. Angola.
  26. *eutania*, Blgr. 1904. "
  27. *holotænia*, Blgr. 1904. Cameroon to Congo.
  28. *serrifer*, Blgr. 1900. L. Tanganyika.
  29. *Ansorgii*, Blgr. 1904. Angola.

<sup>1</sup> *B. altus*, Pfeff. 1896, nec Gthr.



4. *Barbus* (con.).

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| 30. <i>mirolepis</i> , Blgr. 1902.                 |  | Congo.              |
| 31. <i>Gairali</i> , Thomis. 1886.                 |  | Cameroons, Benito.  |
| 32. <i>pleurogramma</i> , Blgr. 1902.              |  | L. Tsana.           |
| 33. <i>Fritschii</i> , Gthr. 1868.                 |  | Morocco.            |
| 34. <i>Rothschildi</i> , Gthr. 1901.               |  | "                   |
| 35. <i>Waldoi</i> , Blgr. 1902.                    |  | "                   |
| 36. <i>atlanticus</i> , Blgr. 1902.                |  | "                   |
| 37. <i>Harterti</i> , Gthr. 1901.                  |  | "                   |
| 38. <i>Riggenbachi</i> , Gthr. 1902.               |  | "                   |
| 39. <i>ksibi</i> , Blgr. 1905.                     |  | "                   |
| 40. <i>microterolepis</i> , Blgr. 1902.            |  | Maki R. (L. Zwai).  |
| 41. <i>macronema</i> , Blgr. 1902.                 |  | Maki R., Hawash.    |
| 42. <i>Rueppelli</i> , Blgr. 1902.                 |  | Hawash.             |
| 43. <i>Holubi</i> , Stdr. 1894.                    |  | Orange R.           |
| 44. <i>surkis</i> , Rüpp. 1837.                    |  | L. Tsana.           |
| 45. <i>Harringtoni</i> , Blgr. 1902.               |  | Hawash.             |
| 46. <i>jarsinus</i> , Blgr. 1902.                  | Jerrer R., near Harrar (Webi Shebeli). |                     |
| 47. <i>intermedius</i> , Rüpp. 1837.               |  | L. Tsana.           |
| 48. <i>Fergussonii</i> , Blgr. 1901.               |  | L. Albert Edward.   |
| 49. <i>edwardianus</i> , Blgr. 1901.               |  | " "                 |
| 50. <i>Breyeri</i> , M. Web. 1897.                 | Head-waters of Limpopo.                |                     |
| 51. <i>plagiostomus</i> , Blgr. 1902.              |  | Hawash.             |
| 52. <i>platystomus</i> , Blgr. 1902.               |  | L. Tsana.           |
| 53. <i>gorguari</i> , Rüpp. 1837.                  |  | "                   |
| 54. <i>bynni</i> , Forsk. 1775.                    | Nile, L. Baringo.                      |                     |
| 55. <i>kassanensis</i> , Blgr. 1902.               |  | Hawash.             |
| 56. <i>gananensis</i> , Vincig. 1895.              | Ganana R. (Jubi).                      |                     |
| 57. <i>brevibarbis</i> , Blgr. 1902.               |  | L. Tsana.           |
| 58. <i>leptosoma</i> , Blgr. 1902.                 |  | "                   |
| 59. <i>oreas</i> , Blgr. 1902.                     | Jerrer R., near Harrar (Webi Shebeli). |                     |
| 60. <i>altianalis</i> , Blgr. 1900.                |  | L. Kivu and Rusisi. |
| 61. <i>Erlangeri</i> , Blgr. 1903.                 | Head-waters of Webi Shebeli.           |                     |
| 62. <i>marequensis</i> , A. Smith, 1841.           | " Interior of S. Africa."              |                     |
| 63. <i>Duchesnii</i> , Blgr. 1902.                 | L. Tsana, Mogre (Blue Nile).           |                     |
| 64. <i>Radcliffii</i> , Blgr. 1903.                |  | L. Victoria.        |
| 65. <i>mento</i> , Blgr. 1902.                     |  | Hawash R.           |
| 66. <i>Gregorii</i> , Blgr. 1902.                  | Nyuki R. (L. Baringo), Tana R.         |                     |
| 67. <i>hursensis</i> , Blgr. 1902.                 |  | Hawash R.           |
| 68. <i>affinis</i> , Rüpp. 1837.                   | L. Tsana, Hawash, Maki.                |                     |
| 69. <i>Degeni</i> , Blgr. 1902.                    |  | L. Tsana.           |
| 70. <i>nedgia</i> , Rüpp. 1837.                    |  | "                   |
| 71. <i>labiatus</i> , Blgr. 1902.                  |  | Tana.               |
| 72. <i>Reinii</i> , Gthr. 1874.                    |  | Morocco.            |
| 73. <i>Linnelli</i> , Lönnb. 1904.                 |  | Cameroon.           |
| 74. <i>Batesii</i> , Blgr. 1903.                   |  | "                   |
| 75. <i>tanensis</i> , Gthr. 1894.                  |  | Tana, Athi R.       |
| 76. <i>Hindii</i> , Blgr. 1902.                    |  | "                   |
| 77. <i>oxyrhynchus</i> , Pfeff. 1889.              | Rufu " (Pangani).                      |                     |
| 78. <i>perplexicans</i> , Blgr. 1902.              |  | Tana.               |
| 79. <i>micronema</i> , Blgr. 1904.                 |  | Cameroon.           |
| 80. <i>Compinei</i> , Sauv. 1879.                  |  | Ogowe.              |
| 81. <i>trimaculatus</i> , Peters, 1852.            | Zambesi, L. Nyassa, Limpopo.           |                     |
| 82. <i>nummifer</i> , Blgr. 1904.                  |  | L. Victoria.        |
| 83. <i>Jacksoni</i> , Gthr. 1889.                  | Head-waters of Rufu R. (Pangani).      |                     |
| 84. <i>Pappenheimi</i> , Blgr. 1905 <sup>1</sup> . |  | L. Rukwa.           |

<sup>1</sup> *Jacksoni*, Hilg. & Pappenh. nec Gthr.

4. *Barbus* (con.).

85. *kutangæ*, Blgr. 1900. Lofoi (Katanga).  
 86. *platyrhinus*, Blgr. 1900. L. Tanganyika.  
 87. *capensis*, A. Smith, 1840. Oliphants and Berg R.  
 88. *Burchelli*, A. Smith, 1840. Cape Colony.  
 89. *Trevelyani*, Gthr. 1877. Berg R., Buffalo R.  
 90. *Gurneyi*, Gthr. 1868. Durban.  
 91. *Bowkeri*, Blgr. 1902. ”  
 92. *rhodesianus*, Blgr. 1902. Zambesi.  
 93. *uniteniatus*, Gthr. 1867. Angola.  
 94. *lagoensis*, Gthr. 1868. Lagos.  
 95. *inermis*, Peters, 1852. Zambesi.  
 96. *zambesensis*, Peters, 1852. ”  
 97. *progenys*, Blgr. 1903. Cameroon.  
 98. *gobioides*, C. & V. 1842. Cape of Good Hope.  
 99. *ablades*, Blkr. 1863. Liberia, Gold Coast, Gaboon.  
 100. *camptacanthus*, Blkr. 1863. Fernando Po, Cameroon,  
 Benito R.  
 101. *tenuurus*, Blgr. 1903. Cameroon.  
 102. *Thollonianus*, Thomin. 1886. Benito R.  
 103. *nigeriensis*, Blgr. 1902. L. Niger.  
 104. *trispilus*, Blkr. 1863. Gold Coast, Liberia (?).  
 105. *Walkeri*, Blgr. 1904. Gold Coast.  
 106. *fasciolatus*, Gthr. 1868. Angola.  
 107. *quadripunctatus*, Pfeff. 1896. Rufu R.  
 108. *Pagenstecheri*, Fisch. 1884. Mt. Kilimandjaro.  
 109. *innocens*, Pfeff. 1896. Wami, L. Rukwa.  
 110. *lineomaculatus*, Blgr. 1903. Lumi (head-waters of Rufu R.).  
 111. *amphigramma*, Blgr. 1903. Nairobi ( ” ” ).  
 112. *vulneratus*, Casteln. 1861<sup>1</sup>. Cape of Good Hope.  
 113. *viviparus*, M. Web. 1897. Natal.  
 114. *perince*, Rüpp. 1837. Nile.  
 115. *trispilopteura*, Blgr. 1902. L. Tsana.  
 116. *humilis*, Blgr. 1902. ”  
 117. *neglectus*, Blgr. 1903. Nile.  
 118. *caudovittatus*, Blgr. 1902. Congo.  
 119. *congius*, Blgr. 1899. ”  
 120. *radiatus*, Peter, 1852. Mozambique.  
 121. *humeralis*, Blgr. 1902. Congo.  
 122. *Werneri*, Blgr. 1905. Nile, L. Rudolf, Rovuma.  
 123. *Doggetti*, Blgr. 1904. L. Victoria.  
 124. *pleuropholis*, Blgr. 1899. Congo.  
 125. *rapax*, Stdr. 1894. E. Cape Colony, Limpopo.  
 126. *tropidolepis*, Blgr. 1900. L. Tanganyika.  
 127. *afer*, Peters, 1864. Cape Colony.  
 128. *anoplus*, M. Web. 1897. Orange R., Klip R., Natal.  
 129. *anema*, Blgr. 1903. Nile.  
 130. *stigmatopygus*, Blgr. 1903. White Nile.  
 131. *pumilus*, Blgr. 1901. ”  
 132. *Brazzæ*, Pellegr. 1902. Congo.  
 133. *jae*, Blgr. 1903. S. Cameroon.
5. *Rasbora*, Blkr. 1859.  
 1. *zanziburensis*, Gthr. & Playf. 1836. Rovuma.
6. *Phoxinellus*, Heck. 1843.  
 1. *Chaignoni*, Vail. 1904. Algerian and Tunisian Sahara.

<sup>1</sup> *multimaculatus*, Stdr. 1870.

7. *Alburnus*, Heck. 1843.  
1. *callensis*, Guich. 1850. Algeria.
8. *Leplocypris*, Blgr. 1900.  
1. *modestus*, Blgr. 1900. Congo.
9. *Barilius*, Ham. Buch. 1822.  
1. *niloticus*, Joann. 1835. Nile, Omo, Niger.  
2. *Weeksi*, Blgr. 1899. Congo.  
3. *longirostris*, Blgr. 1902. " "  
4. *microlepis*, Gthr. 1864. L. Nyassa.  
5. *tanganica*, Blgr. 1900. L. Tanganyika.  
6. *microcephalus*, Gthr. 1864. L. Nyassa.  
7. *Gneutheri*, Blgr. 1896. Upp. Shiré.  
8. *senegalensis*, Sldr. 1870. Senegal.  
9. *Loati*, Blgr. 1901. Nile, Bahr el Gebel, Omo.  
10. *Kingsleyæ*, Blgr. 1899. Cameroon, Ogowe, Congo.  
11. *Buchholzi*, Peters, 1876. Ogowe.  
12. *Moorii*, Blgr. 1900. L. Tanganyika, L. Rukwa.  
13. *ubangensis*, Pellegr. 1901. Cameroon, Congo.  
14. *Weymsii*, Blgr. 1899. Congo.  
15. *zambesensis*, Peters, 1868. Zambesi.  
16. *sardella*, Gthr. 1868. Shiré, L. Nyassa.
10. *Chelethiops*, Blgr. 1899.  
1. *bibe*, Joann. 1835. Nile, White Nile, Bahr el Gebel, Webi Shebeli, Congo.  
2. *clongatus*, Blgr. 1899. Congo.
11. *Neobola*, Vincig. 1895.  
1. *Bottegi*, Vincig. 1895. Dana and Ganana R. (Juba), Omo, L. Rudolf, L. Victoria.  
2. *argentea*, Pellegr. 1904. L. Victoria.
12. *Nemachilus*, Hass. 1823.  
1. *abyssinicus*, Blgr. 1902. L. Tsana.

## Fam. 3. SILURIDÆ.

1. *Clarias*, Gron. 1781.  
1. *lazera*, C. & V. 1840. Syria, Nile, L. Albert Edward, L. Victoria, Senegal, Niger, L. Chad, Congo, L. Ngami (?).  
2. *Moorii*, Blgr. 1901. L. Albert.  
3. *mossambicus*, Peters, 1852. Mozambique, L. Rukwa.  
4. *Robecchii*, Vincig. 1893. Abyssinia to Zanzibar, L. Tanganyika.  
5. *Vinciguerræ*, Blgr. 1902. Hawash.  
6. *senegalensis*, C. & V. 1840. Senegal, Niger.  
7. *Budgetti*, Blgr. 1900. Gambia.  
8. *anguillaris*, L. 1766. Nile, White Nile.  
9. *capensis*, C. & V. 1840. Cape of Good Hope.  
10. *garipepinus*, Burch. 1822. Zambesi and Katanga to Orange R. and Natal.  
11. *tsanensis*, Blgr. 1902. L. Tsana.  
12. *lioccephalus*, Blgr. 1898. L. Tanganyika.  
13. *longiceps*, Blgr. 1899. Congo.  
14. *submarginatus*, Peters, 1882. Gaboon (?).  
15. *breviceps*, Blgr. 1900. Mayumba.  
16. *platycephalus*, Blgr. 1902. Congo.  
17. *angolensis*, Sldr. 1866. L. Niger to Angola.  
18. *liberiensis*, Sldr. 1894. Liberia, Sierra Leone, Cameroon, Benito R.

1. *Clarias* (con.).
  19. *Walkeri*, Gthr. 1896. Cameroon, Gabcon, Ogowe.
  20. *bythipogon*, Sauv. 1878. Calabar to Congo.
  21. *macromystax*, Gthr. 1864. Gambia.
  22. *Dumerili*, Sdr. 1866. Angola.
  23. *Carsonii*, Blgr. 1903. L. Victoria, N. Nyassaland.
  24. *læviceps*, Gill, 1862. Gold Coast.
  25. *pachynema*, Blgr. 1903. Cameroon.
  26. *Buettikoferi*, Sdr. 1894. Liberia.
  27. *Salæ*, Huhr. 1881. "
  28. *Theodoræ*, M. Web. 1897. Natal.
  29. *amplexicauda*, Blgr. 1902. Congo.
2. *Allabenchelys*, Blgr. 1902.
  1. *brevior*, Blgr. 1903. Cameroon.
  2. *longicauda*, Blgr. 1902. "
3. *Cluriallabes*, Blgr. 1900.
  1. *melas*, Blgr. 1887. Congo.
4. *Gymnallabes*, Gthr. 1867.
  1. *typus*, Gthr. 1867. Low. Niger, Old Calabar.
5. *Chamaulabes*, Gthr. 1873.
  1. *apus*, Gthr. 1873. Congo, Angola.
6. *Heterobranchus*, Geoffr. 1809.
  1. *bidorsalis*, I. Geoffr. 1827. Nile.
  2. *senegalensis*, C. & V. 1840. Nile, L. Chad, Senegal, Niger, Nile!
  3. *longifilis*, C. & V. 1840. Nile!
  4. *laticeps*, Peters, 1852. Congo, Mozambique.
  5. *isopterus*, Blkr. 1863. Gold Coast.
7. *Plotosus*, Lacep. 1803.
  1. *arab*, Forsk. 1775. Zanzibar, Madagascar\*.
8. *Eutropius*, M. & T. 1849.
  1. *congolensis*, Leach, 1818. Congo.
  2. *Grenfelli*, Blgr. 1900. C. Chad, Congo.
  3. *Adansonii*, C. & V. 1839. Senegal, Cameroon.
  4. *liberiensis*, Huhr. 1881. Liberia, Gaboon, Ogowe.
  5. *altipinnis*, Sdr. 1894. Liberia to Congo.
  6. *niloticus*, Rüpp. 1829. Nile, Niger, Old Calabar.
  7. *Bocagii*, Guimar. 1882. Kwanga R. (Angola).
  8. *Debauwi*, Blgr. 1900. Congo.
  9. *mentalis*, Blgr. 1901. Gold Coast, Cameroon.
  10. *depressirostris*, Peters, 1852. Juba, Tana, Zambesi, Katanga, Limpopo.
  11. *mandibularis*, Gthr. 1867. Liberia, Gold Coast.
  12. *Mæbii*, Pfeff. 1896. Kingani R.
  13. *laticeps*, Blgr. 1899. Congo.
9. *Schilbe*, Cuv. 1817.
  1. *uranoscopus*, Rüpp. 1832. Nile.
  2. *Emini*, Pfeff. 1893. Uniamwesi Country.
  3. *mystus*, L. 1766. Nile, L. Chad, Niger to Congo, L. Mweru, L. Rukwa.
  4. *senegalensis*, C. & V. 1839. Senegal, Gambia, Niger, Upp. Zambesi.
10. *Siluranodon*, Blkr. 1858.
  1. *auritus*, Geoffr. 1809. Low. Nile.
11. *Physailia*, Blgr. 1901.
  1. *pellucida*, Blgr. 1901. Upp. Nile.
  2. *somalensis*, Vincig. 1897. Ganana (Upp. Juba).
  3. *occidentalis*, Pellegr. 1901. Ogowe.

12. *Parailia*, Blgr. 1899.  
 1. *congica*, Blgr. 1899. Low, Niger, Congo.  
 2. *longifilis*, Blgr. 1902. Congo.
13. *Bayrus*, Cuv. 1817.  
 1. *bayad*, Forsk. 1775. Nile, L. Chad, Senegal, Niger.  
 2. *urostigma*, Vincig. 1895. Ganana (Upp. Juba).  
 3. *orientalis*, Blgr. 1902. Pangani.  
 4. *docmac*, Forsk. 1775. Nile.  
 5. *ubangensis*, Blgr. 1902. Congo.  
 6. *meridionalis*, Gthr. 1894. Upp. Shiré.
14. *Clarotes*, Blkr. 1858.  
 1. *laticeps*, Rüpp. 1829. Upp. Nile, White Nile, Bahr el Gebel,  
 L. Chad, Juba, Tana, Niger.
15. *Chrysichthys*, Blkr. 1858.  
 1. *furcatus*, Gthr. 1864. Senegal to Congo.  
 2. *Sharpii*, Blgr. 1901. L. Mweru.  
 3. *Cranchii*, Leach, 1818. Congo, L. Tanganyika.  
 4. *ornatus*, Blgr. 1902. Congo.  
 5. *myriodon*, Blgr. 1900. L. Tanganyika.  
 6. *brachynema*, Blgr. 1900. "  
 7. *punctatus*, Blgr. 1899. Congo.  
 8. *Delhezi*, Blgr. 1899. "  
 9. *Wagenauri*, Blgr. 1899. "  
 10. *auratus*, I. Geoffr. 1829. Nile, L. Chad, Niger, Gold Coast.  
 11. *camerouensis*, Gthr. 1899. Gambia, Cameroon.  
 12. *Buettikoferi*, Stdr. 1894. Liberia, Gold Coast, Niger.  
 13. *Walkeri*, Gthr. 1899. Gold Coast.  
 14. *coriscanus*, Gthr. 1899. Corisco Island.  
 15. *Kingsleyæ*, Gthr. 1899. Ogowe.  
 16. *nigrodigitatus*, Lacep. 1803. Senegal, Gambia, Niger.  
 17. *nigrita*, Lacep. 1803. Senegal.  
 18. *acutirostris*, Gthr. 1864. Angola.  
 19. *brevibarbis*, Blgr. 1899. Congo.  
 20. *longibarbis*, Blgr. 1899. "
16. *Gephyroglanis*, Blgr. 1899.  
 1. *congicus*, Blgr. 1899. Congo.  
 2. *Sclateri*, Blgr. 1901. Vaal R.  
 3. *ogoensis*, Pellegr. 1900. Ogowe.  
 4. *longipinnis*, Blgr. 1899. Cameroon to Congo.
17. *Læmuncena*, Sauv. 1884.  
 1. *borbonica*, Sauv. 1884. Madagascar, Mauritius.
18. *Amphilius*, Gthr. 1864.  
 1. *uranoscopus*, Pfeff. 1889. Upper ranges of Wami R.  
 2. *grandis*, Blgr. 1905. Head-waters of Tana System.  
 3. *platychir*, Gthr. 1864. Head-waters of Rufu R., between  
 L. Tanganyika and L. Nyassa,  
 Sierra Leone (?).  
 4. *longirostris*, Blgr. 1901. S. Cameroon.  
 5. *atesuensis*, Blgr. 1904. Gold Coast.  
 6. *brevis*, Blgr. 1902. S. Cameroon, Congo.  
 7. *angustifrons*, Blgr. 1902. Congo.
19. *Leptoglanis*, Blgr. 1902.  
 1. *xenognathus*, Blgr. 1902. Congo.
20. *Auchenoglanis*, Gthr. 1865.  
 1. *biscutatus*, I. Geoffr. 1829. Nile, L. Chad, Senegal.  
 2. *occidentalis*, C. & V. 1840. Nile, Senegal to Congo, L. Rudolf,  
 L. Tanganyika.

20. *Auchenoglanis* (con.).  
 3. *punctatus*, Blgr. 1902. Congo.  
 4. *ubangensis*, Blgr. 1902. ”  
 5. *Ballayi*, Sauv. 1878. Cameroon to Congo.  
 6. *guttatus*, Lönnb. 1895. Cameroon, Congo.
21. *Notoglanidium*, Gthr. 1902.  
 1. *Walkeri*, Gthr. 1902. Gold Coast.
22. *Ancharius*, Sldr. 1880.  
 1. *fuscus*, Sldr. 1880. Madagascar.
23. *Arius*, C. & V. 1840.  
 1. *biscutatus*, Gthr. 1864. Fernando Po to Congo\*.  
 2. *Heudeloti*, C. & V. 1840. Senegal\*.  
 3. *Parkii*, Gthr. 1864. Liberia, Lagos, Niger\*.  
 4. *Kirkii*, Gthr. 1864. Zambesi\*.  
 5. *falcarius*, Richards. 1845. Pangani R.\*
24. *Galeichthys*, C. & V. 1840.  
 1. *feliceps*, C. & V. 1840. S. Africa\*.
25. *Synodontis*, Cuv. 1817.  
 1. *caudalis*, Blgr. 1899. Congo.  
 2. *Depanwi*, Blgr. 1899. ”  
 3. *Tholloni*, Blgr. 1901. Ogowe, Congo.  
 4. *multimaculatus*, Blgr. 1902. Congo.  
 5. *granulosus*, Blgr. 1900. L. Tanganyika.  
 6. *schall*, Bl. Schn. 1801. Nile, Senegal, L. Rudolf and Stephanie.  
 7. *polyodon*, Vaill. 1895. Ogowe.  
 8. *omias*, Gthr. 1864. Niger.  
 9. *acanthonias*, Blgr. 1899. Congo.  
 10. *riphias*, Gthr. 1864. Niger.  
 11. *humervatus*, C. & V. 1840. Upp. Nile.  
 12. *angelicus*, Schilth. 1891. Congo.  
 13. *frontosus*, Vaill. 1895. White Nile, Omo R.  
 14. *caudovittatus*, Blgr. 1901. White Nile.  
 15. *nigrita*, C. & V. 1840. White Nile, Senegal, Gambia.  
 16. *ocellifer*, Blgr. 1900. Gambia.  
 17. *zambesensis*, Peters, 1864. Webi Shebeli to Zambesi, L. Rukwa, L. Nyassa.
18. *multipunctatus*, Blgr. 1898. L. Tanganyika.  
 19. *gambiensis*, Gthr. 1864. Gambia, Niger.  
 20. *nebulosus*, Peters, 1852. Zambesi.  
 21. *obesus*, Blgr. 1898. Old Calabar, Cameroon, Gaboon.  
 22. *Greshoffi*, Schilth. 1891. Congo.  
 23. *eupterus*, Blgr. 1901. White Nile.  
 24. *Afro-Fischeri*, Hilg. 1888. L. Victoria.  
 25. *Alberti*, Schilth. 1891. Congo.  
 26. *serratus*, Rüpp. 1829. Nile.  
 27. *geledensis*, Gthr. 1896. Webi Shebeli.  
 28. *filamentosus*, Blgr. 1901. White Nile.  
 29. *labeo*, Gthr. 1865. Niger.  
 30. *Vaillanti*, Blgr. 1897. Congo.  
 31. *longirostris*, Blgr. 1902. ”  
 32. *guttatus*, Gthr. 1865. Lagos, Niger, Gaboon.  
 33. *Robbionus*, J. A. Smith, 1875. Gold Coast, Niger, Calabar.  
 34. *Soloni*, Blgr. 1899. Congo.  
 35. *Smiti*, Blgr. 1902. ”  
 36. *ornatipinnis*, Blgr. 1899. Congo, Angola.  
 37. *Fuelleborni*, Hilg. & Pappenh. 1903. L. Rukwa.  
 38. *melanopterus*, Blgr. 1902. Low. Niger.

25. *Synodontis* (con.).
- 39. *notatus*, Vaill. 1893. Congo.
  - 40. *nummifer*, Blgr. 1899. "
  - 41. *sorex*, Gthr. 1864. White Nile.
  - 42. *pleurops*, Blgr. 1897. Congo.
  - 43. *clarias*, L. 1766. Nile, L. Chad, Senegal, Gambia.
  - 44. *decorus*, Blgr. 1899. Congo.
  - 45. *resupinatus*, Blgr. 1904. Upp. Niger.
  - 46. *batensoda*, Rüpp. 1832. White Nile, L. Chad, Senegal, Gambia, Niger.
  - 47. *membranaceus*, Geoffr. 1809. White Nile, Senegal, Niger.
26. *Microsynodontis*, Blgr. 1903.
- 1. *Batesii*, Blgr. 1903. Cameroon.
27. *Chiloglanis*, Peters, 1868.
- 1. *Deckenii*, Peters, 1868. Rufu R. (Pangani).
  - 2. *modjensis*, Blgr. 1903. Modjo R. (Webi Shebeli).
  - 3. *cameronensis*, Blgr. 1904. S. Cameroon.
  - 4. *niloticus*, Blgr. 1900. Upp. Nile.
  - 5. *brevibarbis*, Blgr. 1902. Mathoiya R. (Tana).
  - 6. *Batesii*, Blgr. 1904. S. Cameroon.
28. *Tuchitichthys*, Blgr. 1900.
- 1. *Guentheri*, Schilth. 1891. Congo.
  - 2. *Royauvi*, Blgr. 1902. "
  - 3. *Dybowskii*, Vaill. 1892. "
29. *Atopochilus*, Sauv. 1878.
- 1. *Savorgnani*, Sauv. 1878. Ogowe.
30. *Mochocus*, Joann. 1835. Upp. Nile, White Nile, L. Rudolf.
- 1. *niloticus*, Joann. 1835.
31. *Doumea*, Sauv. 1878.
- 1. *typica*, Sauv. 1878. S. Cameroon, Ogowe.
32. *Ihractura*, Blgr. 1900.
- 1. *Bovei*, Perugia, 1892. Congo.
  - 2. *Ansorgii*, Blgr. 1901. Low. Niger.
  - 3. *indica*, Blgr. 1902. S. Cameroon, Congo.
  - 4. *longicauda*, Blgr. 1903. S. Cameroon.
  - 5. *scaphirhynchura*, Vaill. 1886. Congo.
33. *Paraphractura*, Blgr. 1902.
- 1. *tennicauda*, Blgr. 1902. Congo.
34. *Trachyglanis*, Blgr. 1902.
- 1. *minutus*, Blgr. 1902. Congo.
35. *Belonoglanis*, Blgr. 1902.
- 1. *tenuis*, Blgr. 1902. Congo.
36. *Andersonia*, Blgr. 1900.
- 1. *leptura*, Blgr. 1900. Upp. Nile.
37. *Malopterurus*, Lacep. 1803.
- 1. *electricus*, Gm. 1789. Nile and Senegal to Congo and Zambesi.

## Subord. III. APODES.

## Fam. ANGUILLIDÆ.

1. *Anguilla*, Cuv. 1817.
- 1. *vulgaris*, Turt. 1807. N. Africa\*.
  - 2. *bengalensis*, Ham. Buch. 1822. E. Africa, Natal\*.
  - 3. *virescens*, Peters, 1852. E. Africa\*.
  - 4. *Delalandii*, Kaup, 1856. Madagascar, S. Africa\*.
  - 5. *ambledon*, Gthr. & Playf. 1866. Seychelles\*.
  - 6. *Hildebrandti*, Sauv. 1891. Madagascar\*.

## Subord. IV. HAPLOM.

## Fam. 1. GALAXIIDÆ.

1. *Galaxias*, Cuv. 1817.  
 1. *zebratus*, Casteln. 1861. Cape of Good Hope.  
 2. *punctifer*, Casteln. 1861. " "

## Fam. 2. KNERIIDÆ.

1. *Kneria*, Stdr. 1866.  
 1. *angolensis*, Stdr. 1866. Angola.  
 2. *Spekii*, Gthr. 1868. Coast of Zanzibar.

## Fam. 3. CYPRINODONTIDÆ.

1. *Cyprinodon*, Lacep. 1803.  
 1. *calaritanus*, Bonelli, 1829. Algeria (N. and S. of Sahara),  
 Low. Egypt, Somaliland.  
 2. *iberus*, C. & V. 1846. Algeria.  
 3. *dispar*, Rüpp. 1828. Syria and borders of the Red Sea.  
 2. *Tellia*, Gerv. 1853.  
 1. *apoda*, Gerv. 1853. Atlas of Algeria.  
 3. *Fundulus*, Lacep. 1803.  
 1. *bivittatus*, Lönnb. 1895. Cameroon.  
 2. *Loenbergyi*, Blgr. 1903. S. Cameroon.  
 3. *nisorius*, Cope, 1877. Gaboon.  
 4. *capensis*, Garm. 1895. False Bay.  
 5. *orthonotus*, Peters, 1844. Mozambique.  
 6. *Guentheri*, Pfeff. 1893. Zanzibar coast and island.  
 7. *melanospilus*, Pfeff. 1896. Zanzibar coast, Seychelles.  
 8. *teniopygus*, Hilg. 1891. L. Victoria.  
 9. *gularis*, Blgr. 1901. S. Nigeria.  
 10. *Sjostedti*, Lönnb. 1895. Cameroon.  
 11. *microlepis*, Vincig. 1897. Somaliland.  
 4. *Haplochilus*, McClell. 1839.  
 1. *spilauchen*, A. Dum. 1859. Senegal to Congo.  
 2. *Chevalieri*, Pellegr. 1904. Congo.  
 3. *macrurus*, Blgr. 1904. Angola.  
 4. *Chaperi*, Sauv. 1882. Gold Coast.  
 5. *Schalleri*, Blgr. 1904. Low. Egypt.  
 6. *senegalensis*, Stdr. 1870. Senegal.  
 7. *Marni*, Stdr. 1881. White Nile.  
 8. *bifasciatus*, Stdr. 1881. Upp. Nile, White Nile.  
 9. *Loati*, Blgr. 1901. White Nile.  
 10. *atripinnis*, Pfeff. 1896. E. Africa (?).  
 11. *Johnstoni*, Gthr. 1893. L. Nyassa.  
 12. *singa*, Blgr. 1899. Congo.  
 13. *Decorsii*, Pellegr. 1904. " "  
 14. *Petersii*, Sauv. 1882. Gold Coast.  
 15. *elegans*, Blgr. 1899. Congo.  
 16. *sexfasciatus*, Gill, 1863. S. Nigeria to Congo.  
 17. *fasciolatus*, Gthr. 1866. Sierra Leone.  
 18. *homalonotus*, A. Dum. 1861. Madagascar.  
 19. *nuchinaculatus*, Guich. 1866. " "  
 20. *cameronensis*, Blgr. 1903. S. Cameroon, R. Benito.  
 21. *Antinorii*, Vincig. 1883. L. Arsadé (Shou).



4. *Haplochilus* (con.).  
 22. *Playfairii*, Gthr. 1866. Seychelles.  
 23. *tanganicanus*, Blgr. 1898. L. Tanganyika.  
 5. *Procatopus*, Blgr. 1904.  
 1. *nototania*, Blgr. 1904. S. Cameroon.

## Subord. V. CATOSTEOMI.

## Fam. 1. GASTROSTEIDÆ.

1. *Gastrosteus*, L. 1766.  
 1. *aculeatus*, L. 1766. Algeria.

## Fam. 2. SYNGNATHIDÆ.

1. *Syngnathus*, L. 1766.  
 1. *algeriensis*, Playf. 1871. Algeria.  
 2. *zambesensis*, Peters, 1855. Zambesi.  
 2. *Calonotus*, Peters, 1855.  
 1. *argulus*, Peters, 1855. Johanna (Comoro Is.).

## Subord. VI. PERCESOCES.

## Fam. 1. SCOMBRESOCIDÆ.

1. *Hemirhamphus*, Cuv. 1817.  
 1. *Commersonii*, Cuv. 1817. Licuare R. (Mozambique) \*.

## Fam. 2. ATHERINIDÆ.

1. *Atherina*, Art. 1738.  
 1. *mocho*, C. & V. 1835. Algeria, Low. Egypt \*.  
 2. *gabonensis*, H. W. Fowler, 1904. Gaboon \*.  
 2. *Bedotia*, Regan, 1903.  
 1. *madagascariensis*, Regan, 1903. Madagascar.

## Fam. 3. MUGILIDÆ.

1. *Mugil*, Art. 1738.  
 1. *cephalus*, L. 1766. N. and W. Africa \*.  
 2. *grandisquamis*, C. & V. 1836. Senegal, Gambia \*.  
 3. *Constantiæ*, C. & V. 1836. S. Africa \*.  
 4. *robustus*, Gthr. 1861. Madagascar \*.  
 5. *capito*, Cuv. 1829. N.W. and S. Africa \*.  
 6. *auratus*, Risso, 1810. N.W. and S. Africa, Madagascar \*.  
 7. *multilineatus*, A. Smith, 1840. S. Africa \*.  
 8. *Smithii*, Gthr. 1861. S. Africa, Madagascar \*.  
 9. *hypslopterus*, Gthr. 1861. Niger, Gaboon \*.  
 10. *cephalotus*, C. & V. 1836. Madagascar \*.  
 11. *fuleipinnis*, C. & V. 1836. Senegal to Congo \*.  
 2. *Agonostomus*, Benn. 1830.  
 1. *Telfairii*, Benn. 1830. Mozambique, Comoro Is., Madagascar \*.  
 2. *dobuloides*, C. & V. 1836. Madagascar \*.

## Fam. 4. POLYNEMIDÆ.

1. *Pentanemus*, Art. 1758.  
 1. *quinquarius*, L. 1766. W. Africa \*.

2. *Polyneemus*, L. 1766.  
 1. *quadrifilis*, C. & V. 1829. W. Africa \*.  
 3. *Galcoides*, Gthr. 1860.  
 1. *decadactylus*, Bl. 1793. W. Africa \*.

## Fam. 5. SPHYRÆNIDÆ.

1. *Sphyræna*, Art. 1738.  
 1. *guachancho*, C. & V. 1829. W. Africa \*.

## Fam. 6. OPHIOCEPHALIDÆ.

1. *Ophiocephalus*, Bl. 1793.  
 1. *obscurus*, Gthr. 1861. White Nile, Bahr el Jebel, L. Chad,  
 Gambia to Congo.  
 2. *insignis*, Sauv. 1884. Ogowé, Congo.  
 3. *africanus*, Stdr. 1879. Lagos, Niger, Old Calabar.

## Fam. 7. ANABANTIDÆ.

1. *Auabas*, Cuv. 1817.  
 1. *capensis*, C. & V. 1831. Cape of Good Hope.  
 2. *Bainsii*, Casteln. 1861. "Mozambique."  
 3. *multispinis*, Peters, 1846. "Mozambique."  
 4. *nigropannosus*, Reichen. 1875. Gaboon to Congo.  
 5. *Pellegrini*, Blgr. 1902. Congo.  
 6. *congius*, Blgr. 1887. "Congo."  
 7. *maculatus*, Thomin. 1886. S. Cameroon, Gaboon.  
 8. *multifasciatus*, Thomin. 1886. S. Cameroon to Congo.  
 9. *fasciolatus*, Blgr. 1899. Congo.  
 10. *Petherici*, Gthr. 1864. Bahr el Jebel.  
 11. *Kingsleyæ*, Gthr. 1896. Senegal to Congo.  
 12. *Weeksii*, Blgr. 1896. L. Chad, Congo.  
 13. *ocellatus*, Pellegr. 1899. Congo.  
 14. *oxyrhynchus*, Blgr. 1902. "

## Subord. VII. ACANTHOPTERYGII.

## Fam. 1. CENTRARCHIDÆ.

1. *Kuhlia*, Gill, 1861.  
 1. *rupestris*, Lacep. 1802. Zanzibar, Madagascar \*.  
 2. *taniura*, C. & V. 1829. E. Africa, Natal, Seychelles \*.  
 3. *caudovittata*, Lacep. 1802. Madagascar \*.

## Fam. 2. NANDIDÆ.

1. *Polycentropsis*, Blgr. 1901.  
 1. *abbreviata*, Blgr. 1901. Low. Niger.

## Fam. 3. SERRANIDÆ.

1. *Morone*, Mitchill, 1814.  
 1. *punctata*, Bl. 1792. Low. Nile, Senegal \*.  
 2. *Plesiops*, Cuv. 1817.  
 1. *nigricans*, Rüpp. 1828. Johanna (Comoro Is.) \*.

3. *Lates*, C. & V. 1828.
  1. *niloticus*, Hasselq. 1757. Nile, L. Chad, Senegal, Niger, Congo.
  2. *microlepis*, Blgr. 1898. L. Tanganyika.
4. *Ambassis*, C. & V. 1828.
  1. *Commerçonii*, C. & V. 1828. Pangani R., Madagascar\*.
  2. *urotænia*, Blkr. 1852. Seychelles\*.
5. *Apogon*, Lacep. 1802.
  1. *hyalosoma*, Blkr. 1851. Seychelles\*.
6. *Therapon*, Cuv. 1817.
  1. *servus*, Bl. 1790. Mozambique\*.

## Fam. 4. SCLÆNIDÆ.

1. *Otolithus*, Cuv. 1829.
  1. *senegalensis*, C. & V. 1833. Senegal to Congo\*.

## Fam. 5. PRISTIPOMATIDÆ.

1. *Pristipoma*, Cuv. 1829.
  1. *Jubelini*, C. & V. 1830. Senegal to Congo\*.
2. *Diagramma*, Cuv. 1829.
  1. *macrolepis*, Blgr. 1899. Senegal to Congo\*.

## Fam. 6. SPARIDÆ.

1. *Chrysophrys*, Cuv. 1817.
  1. *vagus*, Peters, 1852. Mozambique\*.

## Fam. 7. SCORPIDIDÆ.

1. *Psettus*, C. & V. 1831.
  1. *sebæ*, C. & V. 1831. Senegal to Congo\*.
  2. *argenteus*, L. 1766. S. Africa\*.
  3. *falciformis*, Lacep. 1802. " \*.

## Fam. 8. OSPHROMENIDÆ.

1. *Micracanthus*, Sauv. 1878.
  1. *Marchii*, Sauv. 1878. Ogowe.

## Fam. 9. CICHLIDÆ.

1. *Hemichromis*, Peters, 1857.
  1. *fasciatus*, Peters, 1857. Senegal to Congo, L. Chad, Transvaal (?).
  2. *bimaculatus*, Gill, 1862. Sahara, Nile, L. Chad, Senegal to Congo.
  3. *angolensis*, Sdr. 1865. Angola.
  4. *Frederici*, Casteln. 1861. L. Ngami.
2. *Paratilapia*, Blkr. 1868.
  1. *Polleni*, Blkr. 1868. Madagascar.
  2. *Pfefferi*, Blgr. 1898. L. Tanganyika.
  3. *Moffati*, Casteln. 1861. Transvaal.
  4. *dorsalis*, Pellegr. 1902. Congo.
  5. *cerasogaster*, Blgr. 1899. "
  6. *multicolor*, Schoell. 1903. Lower Egypt.
  7. *longirostris*, Hilg. 1888. L. Victoria.
  8. *Luebberti*, Hilg. 1902. S.W. Africa.
  9. *Demeusii*, Blgr. 1899. Congo.

2. *Paratilapia* (con.).
10. *moeruenssis*, Blgr. 1899. L. Mweru.
  11. *afra*, Gthr. 1893. L. Nyassa.
  12. *vittata*, Blgr. 1901. L. Kivu.
  13. *Carlottæ*, Blgr. 1905. Zambesi.
  14. *modesta*, Gthr. 1893. L. Nyassa and Shiré.
  15. *nototenia*, Blgr. 1902. L. Nyassa.
  16. *dimidiata*, Gthr. 1864. L. Nyassa and Shiré.
  17. *serranus*, Pfeff. 1896. L. Victoria.
  18. *victoriana*, Pellegr. 1904.
  19. *robusta*, Gthr. 1864. L. Nyassa, Katanga, Zambesi.
  20. *macrocephala*, Blgr. 1899. L. Mweru.
  21. *cavifrons*, Hilg. 1888. L. Victoria.
  22. *retrodens*, Hilg. 1888.
  23. *Thumbergi*, Casteln. 1861. L. Ngami.
  24. *Schwebischi*, Sauv. 1884. Ogowe.
  25. *calliura*, Blgr. 1901. L. Tanganyika.
  26. *intermedia*, Gthr. 1864. L. Nyassa, Shiré.
  27. *longiceps*, Gthr. 1864.
  28. *ventralis*, Blgr. 1898. L. "Tanganyika".
  29. *Dewindti*, Blgr. 1899. "
  30. *leptosoma*, Blgr. 1898. "
  31. *nigripinnis*, Blgr. 1901. "
  32. *stenosoma*, Blgr. 1901. "
  33. *furcifer*, Blgr. 1898. "
3. *Nanochromis*, Pellegr. 1904.
1. *nudiceps*, Blgr. 1899. Congo.
  2. *dimidiatus*, Pellegr. 1900. "
4. *Pelmatochromis*, Sldr. 1894.
1. *lateralis*, Blgr. 1898. Congo.
  2. *Jentinki*, Sldr. 1894. Liberia, Gambia.
  3. *polylepis*, Blgr. 1900. L. Tanganyika.
  4. *Kingsleyæ*, Blgr. 1898. Gaboon, Ogowe.
  5. *Guentheri*, Sauv. 1882. Gold Coast.
  6. *Wedwitschi*, Blgr. 1898. Angola.
  7. *Pellegrini*, Blgr. 1902. Low. Niger.
  8. *nigrofasciatus*, Pellegr. 1900. Cameroon to Congo.
  9. *longirostris*, Blgr. 1903. Cameroon.
  10. *Boulengeri*, Lönnb. 1903.
  11. *subocellatus*, Gthr. 1871. "
  12. *Ansorgii*, Blgr. 1901. Gaboon.
  13. *pulcher*, Blgr. 1901. Low. Niger.
  14. *tenuatus*, Blgr. 1901. "
  15. *macrops*, Blgr. 1898. "
  16. *auritus*, Blgr. 1901. L. Tanganyika.
  17. *multidens*, Pellegr. 1900. "
  18. *Buettikoferi*, Sldr. 1894. Congo.
  19. *congius*, Blgr. 1897. Liberia, Congo.
5. *Cyrtocara*, Blgr. 1902. Congo.
1. *Moorii*, Blgr. 1902. L. Nyassa.
6. *Lamprologus*, Schilth. 1891.
1. *tetracanthus*, Blgr. 1899. L. Tanganyika.
  2. *tritocephalus*, Blgr. 1899.
  3. *modestus*, Blgr. 1898. "
  4. *tumbanus*, Blgr. 1899. "
  5. *Mocquardi*, Pellegr. 1903. Congo.
  6. *congolensis*, Schilth. 1891. "

6. *Lamprologus* (con.).
7. *Lemairii*, Blgr. 1899. L. Tanganyika.
  8. *Moorii*, Blgr. 1898. "
  9. *Hecqui*, Blgr. 1899. "
  10. *fasciatus*, Blgr. 1898. "
  11. *brevis*, Blgr. 1899. "
  12. *compressiceps*, Blgr. 1898. "
  13. *furcifer*, Blgr. 1898. "
  14. *elongatus*, Blgr. 1898. "
7. *Julidochromis*, Blgr. 1898.
1. *ornatus*, Blgr. 1898. L. Tanganyika.
8. *Telmatochromis*, Blgr. 1898.
1. *temporalis*, Blgr. 1898. L. Tanganyika.
  2. *vittatus*, Blgr. 1898. "
9. *Tilapia*, A. Smith, 1840.
1. *Moorii*, Blgr. 1901. L. Tanganyika.
  2. *Linnellii*, Lönnb. 1903. Cameroon.
  3. *Desfontainesi*, Lacep. 1802. Algeria, Tunis.
  4. *Bloueti*, Sauv. 1883. Wami and Kingani R., L. Kivu.
  5. *Wingatii*, Blgr. 1902. Bahr el Jebel.
  6. *Guiarti*, Pellegr. 1904. L. Victoria.
  7. *Livingstoni*, Gthr. 1893. L. Nyassa and Shiré.
  8. *Johnstoni*, Gthr. 1893. "
  9. *microlepis*, Blgr. 1899. L. Tanganyika.
  10. *Hunteri*, Gthr. 1889. Crater lake of Kilimandjaro.
  11. *nigra*, Gthr. 1894. Kibwesi.
  12. *shivana*, Blgr. 1896. Upp. Shiré.
  13. *mossambica*, Ptrs. 1852. Coast of Zanzibar to Zambesi.
  14. *nilotica*, L. 1766. Nile, L. Victoria, L. Albert, L. Tsana, L. Abeia, L. Kivu, E. Africa to Pangani R., Senegal to Niger, L. Chad.
15. *natalensis*, M. Web. 1897. Coast of Zanzibar, L. Mweru, Congo, Katanga, Zambesi, Natal.
16. *tanganicae*, Gthr. 1893. L. Tanganyika.
  17. *gabitea*, Art. 1762. Nile, Senegal, Gambia, Niger.
  18. *flavomarginata*, Blgr. 1899. Ogowe, Congo.
  19. *Heudeloti*, A. Dum. 1859. Senegal to Congo, L. Chad.
  20. *nigripinnis*, A. Dum. 1859. Gaboon.
  21. *macrocephala*, Blkr. 1862. Gold Coast.
  22. *Dumerili*, Sldr. 1864. W. Africa (?).
  23. *lepidura*, Blgr. 1899. Congo, Angola.
  24. *Boulengeri*, Pellegr. 1903. Congo.
  25. *squamipinnis*, Gthr. 1864. L. Nyassa, Shiré.
  26. *Sparrmani*, A. Smith, 1840. Angola, Katanga, Zambesi to Orange R.
27. *ovalis*, Sldr. 1866. Angola, Katanga, Bechuanaland.
  28. *Burtoni*, Gthr. 1893. L. Kivu, L. Tanganyika.
  29. *humilis*, Sldr. 1866. Angola.
  30. *vorax*, Pfeff. 1893. Zambesi.
  31. *Buettikoferi*, Hubr. 1881. Liberia.
  32. *Marica*, Blgr. 1899. Low. Niger.
  33. *dubia*, Lönnb. 1904. Cameroon (Crater Lake).
  34. *Cabrae*, Blgr. 1899. Chiloango.
  35. *Tholloni*, Sauv. 1884. Ogowe.
  36. *crassa*, Pellegr. 1903. Congo.
  37. *bitineata*, Pellegr. 1900. "
  38. *polyacanthus*, Blgr. 1899. L. Mweru.

9. *Tilapia* (con.).

39. *Zilli*, Gerv. 1848. N. Africa to Niger, L. Chad, White Nile,  
L. Rudolf.  
Cameroon (Crater Lake).
40. *kottæ*, Lönnb. 1904. L. Tanganyika.
41. *Horii*, Gthr. 1893. Zambesi.
42. *Jullæ*, Blgr. 1896. Senegal to Congo, L. Chad,  
Zambesi.
43. *melanopleura*, A. Dum. 1859. Gold Coast.
44. *busumana*, Gthr. 1902. Gaboon, Congo.
45. *Dottoi*, Blgr. 1899. Ashantee.
46. *guineensis*, Blkr. 1862. L. Tanganyika.
47. *pleurotænia*, Blgr. 1901. L. Nyassa.
48. *trematocephala*, Blgr. 1901. L. Nyassa, Shiré.
49. *Williamsi*, Gthr. 1893. White Nile, Wami.
50. *calliptera*, Gthr. 1893. L. Nyassa.
51. *Kirkii*, Gthr. 1893. Rufu.
52. *strigigena*, Pfeff. 1893. L. Victoria.
53. *lethrinus*, Gthr. 1893. Congo.
54. *pectoralis*, Pfeff. 1893. Transvaal, Natal.
55. *nuchisquamulata*, Hilg. 1888. Angola, Zambesi.
56. *fasciata*, Perugia, 1892. L. Rukwa.
57. *Stormsi*, Blgr. 1902. Zambesi.
58. *philander*, M. Web. 1897. L. Ngami.
59. *acuticeps*, Stdr. 1866. L. Tanganyika.
60. *Puelleborni*, Hilg. & Pappenh. 1903. L. Nyassa.
61. *Livingstonii*, Gthr. 1899. L. Tanganyika.
62. *Giardi*, Pellegr. 1903. L. Nyassa.
63. *Levuillanti*, Casteln. 1861. L. Tanganyika.
64. *Andersoni*, Casteln. 1861. L. Nyassa.
65. *Dardennii*, Blgr. 1899. L. Tanganyika.
66. *zebra*, Blgr. 1899. L. Nyassa.
67. *aurata*, Blgr. 1897. L. Tanganyika.
68. *labiata*, Blgr. 1898. L. Nyassa.
69. *rostrata*, Blgr. 1899. L. Tanganyika.
70. *boops*, Blgr. 1901. L. Tanganyika.
71. *grandoculis*, Blgr. 1899. L. Tanganyika.
72. *oligacanthus*, Blkr. 1868. Madagascar.
10. *Hemitilapia*, Blgr. 1902. L. Nyassa.
1. *oxyrhynchus*, Blgr. 1902. L. Tanganyika.
11. *Simochromis*, Blgr. 1898. L. Victoria.
1. *diagramma*, Gthr. 1893. L. Tanganyika.
12. *Astatoreochromis*, Pellegr. 1904. L. Victoria.
1. *Alluandi*, Pellegr. 1904. L. Tanganyika.
13. *Tropheus*, Blgr. 1898. L. Tanganyika.
1. *Moorii*, Blgr. 1898. L. Tanganyika.
2. *annectens*, Blgr. 1900. L. Tanganyika.
14. *Docimodus*, Blgr. 1896. Shiré.
1. *Johnstoni*, Blgr. 1896. Shiré.
15. *Corematodus*, Blgr. 1896. Shiré.
1. *shiranus*, Blgr. 1896. Congo.
16. *Steatocranus*, Blgr. 1899. Congo.
1. *gibbiceps*, Blgr. 1899. Congo.
17. *Petrochromis*, Blgr. 1898. L. Tanganyika.
1. *tanganica*, Gthr. 1893. L. Albert.
2. *Andersoni*, Blgr. 1901. L. Tanganyika.
3. *polyodon*, Blgr. 1898. L. Nyassa.
4. *nyassa*, Blgr. 1902. L. Nyassa.

18. *Chilochromis*, Blgr. 1902.  
1. *Duponti*, Blgr. 1902. Congo.
19. *Aspnotilapia*, Blgr. 1901.  
1. *leptura*, Blgr. 1901. L. Tanganyika.
20. *Paretroplus*, Blkr. 1868.  
1. *Dami*, Blkr. 1868. Madagascar.  
2. *polyactis*, Blkr. 1870. "
21. *Eretmodus*, Blgr. 1898.  
1. *cyanostictus*, Blgr. 1898. L. Tanganyika.
22. *Spathodus*, Blgr. 1900.  
1. *erythrodon*, Blgr. 1900. L. Tanganyika.
23. *Perissodus*, Blgr. 1898.  
1. *microlepis*, Blgr. 1898. L. Tanganyika.
24. *Plecodus*, Blgr. 1898.  
1. *paradoxus*, Blgr. 1898. L. Tanganyika.
25. *Xenochromis*, Blgr. 1899.  
1. *Hecqui*, Blgr. 1899. L. Tanganyika.
26. *Bathybates*, Blgr. 1898.  
1. *ferox*, Blgr. 1898. L. Tanganyika.  
2. *fasciatus*, Blgr. 1901. "
27. *Trematocara*, Blgr. 1899.  
1. *marginatum*, Blgr. 1899. L. Tanganyika.  
2. *unimaculatum*, Blgr. 1901. "
28. *Grammatotria*, Blgr. 1899.  
1. *Lemairii*, Blgr. 1899. L. Tanganyika.
29. *Ectodus*, Blgr. 1898.  
1. *Descampsii*, Blgr. 1898. L. Tanganyika.  
2. *melanogenys*, Blgr. 1898. "  
3. *longianalis*, Blgr. 1899. "
30. *Xenotilapia*, Blgr. 1899.  
1. *sima*, Blgr. 1899. L. Tanganyika.  
2. *ornatipinnis*, Blgr. 1899. "

## Fam. 10. PLEURONECTIDÆ.

1. *Citharichthys*, Blkr. 1862.  
1. *spilopterus*, Gthr. 1862. Niger, Gaboon\*.
2. *Cynoglossus*, Ham. Buch. 1822.  
1. *senegalensis*, Kaup, 1858. Senegal to Ogowe\*.

## Fam. 11. GOBIDÆ.

1. *Eleotris*, Gron. 1763.  
1. *ophiocephalus*, C. & V. 1837. Madagascar, Comoro, Seychelles\*.  
2. *senegalensis*, Stdr. 1870. Senegal to Ogowe.  
3. *Lebretoni*, Stdr. 1870. Senegal, Angola.  
4. *daguenensis*, Stdr. 1870. Senegal.  
5. *Fornasini*, Bianc. 1850. Mozambique.  
6. *madagascariensis*, C. & V. 1837. Madaga-car\*.  
7. *fusca*, Bl. Schn. 1801. Pangani, Madagascar, Comoro, Seychelles\*.  
8. *butis*, Ham. Buch. 1822. Johanna (Comoro).  
9. *pectoralis*, Regan, 1903. Madagascar.  
10. *Pisonis*, Gmel. 1789. Liberia\*.  
11. *Buettikoferi*, Stdr. 1894. Liberia, Gaboon.  
12. *Monteiri*, O'Sh. 1875. Gaboon, Angola.

1. *Eleotris* (con.).
  13. *africanus*, Stdr. 1880. Sierra Leone, Gaboon, Congo\*.
  14. *naus*, Blgr. 1901. Upp. Nile, White Nile.
2. *Gobius*, Art. 1738.
  1. *rhodopterus*, C. & V. 1837. Algeria\*.
  2. *güuris*, Ham. Buch. 1822. E. and S. Africa, Madagascar\*.
  3. *spectabilis*, Gthr. 1861. Natal.
  4. *gymnauchen*, M. Web. 1897. "
  5. *Devaali*, M. Web. 1897. "
  6. *Gilchristi*, Blgr. 1898. Cape of Good Hope.
  7. *paganellus*, L. 1766. Algeria\*.
  8. *Schlegelii*, Gthr. 1861. Gold Coast, Niger.
  9. *æneofuscus*, Peters, 1852. Zambesi.
  10. *guineensis*, Peters, 1876. Niger to Ogowe.
  11. *macrorhynchus*, Blkr. 1875. Madagascar.
  12. *madagascariensis*, Blkr. 1875. "
  13. *sambiranoensis*, Blkr. 1875. "
  14. *hypselosoma*, Blkr. 1875. "
  15. *polyzona*, Blkr. 1875. "
  16. *macrorhynchus*, Blkr. 1875. "
  17. *ocellaris*, C. & V. 1837. " \*.

Fam. 12. BLENNIIDÆ.

1. *Blennius*, Art. 1738.
  1. *vulgaris*, Pollini, 1816. Algeria\*.
2. *Alticus*, Blkr. 1875.
  1. *monochrous*, Blkr. 1875. Madagascar\*.
3. *Cristiceps*, C. & V. 1836.
  1. *argentatus*, Risso, 1810. Algeria (?) \*.

Subord. VIII. OPISTHOMI.

Fam. MASTACEMBELIDÆ.

1. *Mastacembelus*, Gron. 1781.
  1. *paucispinis*, Blgr. 1899. Congo.
  2. *frenatus*, Blgr. 1901. L. Tanganyika.
  3. *Moorii*, Blgr. 1898. "
  4. *Marchii*, Sauv. 1879. Ogowe.
  5. *Sclateri*, Blgr. 1903. S. Cameroon.
  6. *cryptacanthus*, Gthr. 1867. Cameroon.
  7. *congius*, Blgr. 1896. Congo.
  8. *liberiensis*, Blgr. 1898. Liberia.
  9. *Loennbergii*, Blgr. 1898. Niger, Cameroon, L. Chad.
  10. *Ansorgii*, Blgr. 1905. Angola.
  11. *marmoratus*, Perugia, 1892. Congo.
  12. *goro*, Blgr. 1902. "
  13. *ellipsifer*, Blgr. 1899. L. Tanganyika.
  14. *tanganice*, Gthr. 1893. "
  15. *shiranus*, Gthr. 1896. L. Nyassa, Shiré.
  16. *victoriae*, Blgr. 1904. L. Victoria.
  17. *tæniatus*, Blgr. 1901. L. Tanganyika.
  18. *brachyrhinus*, Blgr. 1899. Congo.
  19. *Greshoffi*, Blgr. 1901. "
  20. *niger*, Sauv. 1879. Ogowe.



1. *Mastacembelus* (con.).  
 21. *flavomarginatus*, Blgr. 1898. Cameroon, Gaboon, Ogowe.  
 22. *nigromarginatus*, Blgr. 1898. Ashantee.  
 23. *ophidium*, Gthr. 1893. L. Tanganyika.

## Subord. IX. PLECTOGNATHI.

## Fam. TETRODONTIDÆ.

1. *Tetrodon*, L. 1766.  
 1. *fahaka*, Hasselq. 1757. Nile, L. Chad, Senegal, Niger.  
 2. *mbu*, Blgr. 1899. Congo.  
 3. *pustulatus*, Murr. 1857. Old Calabar, Gaboon.  
 4. *miurus*, Blgr. 1902. Congo.

VII.—*A Revision of the Fishes of the American Cichlid Genus Cichlosoma and of the Allied Genera.* By C. TATE REGAN, B.A.

I GRATEFULLY acknowledge the kind assistance given to me in the preparation of this paper by Dr. Steindachner, to whom I am indebted for information as to the number of gill-rakers in the typical examples of *Cichlosoma bifasciatum*, *C. lentiginosum*, *C. altifrons*, and *C. Sieboldii*, and by Dr. Th. Gill, through whose intervention the British Museum has acquired typical specimens of *Cichlosoma centrarchus*, *C. balteatum*, *C. rostratum*, and *C. basilare*. Dr. S. Garman has very kindly given me information as to the number of gill-rakers and the length of the dorsal spines in *C. pavonaceum*.

In the descriptions of the species the number of scales in a longitudinal series is counted from above the origin of the lateral line to the base of the caudal fin, in a transverse series from the base of the first dorsal spine to the lateral line and thence to the middle of the abdomen. The number of scales in a transverse series between the lateral line and the base of the soft dorsal fin does not include the scales forming the sheath which is usually present at the base of the fin. The length of the last dorsal spine is measured from its tip to its actual base, not to the free edge of the scaly sheath at its base. The caudal peduncle is measured from the level of the base of the last anal ray to the actual base of the middle caudal rays, a point which is easily ascertained by bending the fin laterally. I have given a list of the specimens in the British Museum collection on which my descriptions are founded, with the total length in millimetres of each.