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**Article I.—CHINESE FRESH-WATER FISHES IN THE  
AMERICAN MUSEUM OF NATURAL HISTORY'S  
COLLECTIONS<sup>1</sup>**

**A PROVISIONAL CHECK-LIST OF THE FRESH-WATER FISHES OF CHINA<sup>2</sup>**

BY J. T. NICHOLS

Incident to study of the Museum's recently acquired Asiatic collections, a number of new species and races of Chinese fresh-water fishes have been described. A somewhat more complete report on Chinese material to hand may now appropriately be made by listing all the species examined. Much more study is necessary before an authoritative check-list of the fishes of this area can be drawn up, but it should be helpful to others working to that end to list, with species contained in our collections, those encountered in the literature which offhand appear to be valid. The asterisk (\*) signifies a specimen in The American Museum of Natural History.

Only strictly fresh-water fishes are included in this list, marine forms, the occurrence of which in fresh water is fortuitous, are not included; nor are representatives of essentially marine groups, even when such species occur regularly in fresh as well as in salt water.

The area is restricted to old China from the outer limits of Chihli Province on the northeast to the outer limits of Yunnan Province on the southwest, and does not include Manchuria, Mongolia, Tonkin, or Tibet.

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<sup>1</sup>Publications of the Asiatic Expeditions of The American Museum of Natural History. Contribution No. 83.

<sup>2</sup>This covers material in The American Museum of Natural History up to June, 1926. Some additional material has been obtained by the Asiatic Expeditions, and further collections of considerable importance are in prospect.

**ACIPENSERIDÆ****ACIPENSER** Linnæus

LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 237. Type: *Acipenser sturio* Linnæus.



Fig. 1. *Acipenser dabryanus*, 318 mm. standard length.

\**Acipenser dabryanus* DUMÉRIL, 1868, Nouv. Arch. Mus., IV, p. 98, Pl. XXII, fig. 1. Yangtze.

Shanghai (Gee). Specimen examined from Tungting Lake (Hunan).

*Acipenser sinensis* GRAY, 1834, Proc. Zool. Soc. London, II, p. 122. China

**Huso** Brandt and Ratzeburg

BRANDT AND RATZEBURG, 1883, 'Med. Zool.,' II, p. 3. Type: *Acipenser huso* Linnæus.

**Huso dauricus** (GEORGI).

*Acipenser dauricus* GEORGI, 1775, 'Reis. Russ.,' I, p. 352. Dauria (Siberia).  
Yellow River (Gee).

**POLYODONTIDÆ****PSEPHURUS** Günther

GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 250. Type: *Polyodon gladius* Martens.

**Psephurus gladius** (MARTENS).

*Polyodon gladius* MARTENS, 1862, Monatsber. Akad. Wiss., Berlin, 1861, p. 476.  
Yangtze.  
Shanghai (Gee).

**ELOPIDÆ****MEGALOPS** Lacépède

LACÉPÈDE, 1803, 'Hist. Nat. Poiss.,' V, p. 289. Type: *Megalops filamentosus* Lacépède = *Clupea cyprinoides* Broussonet.

**Megalops cyprinoides** (BROUSSONET).

*Clupea cyprinoides* BROUSSONET, 1782, 'Ichthyologia,' I, Pl. ix. Tropical  
Oceans.  
Hainan (Oshima).

**ENGRAULIDÆ****COILIA** Gray

GRAY, 1831, 'Zoöl. Misc.,' pp. 7-10. Type: *Coilia hamiltoni* Gray.

\***Coilia nasus** TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 243, Pl. CIX, fig. 4. Japan.

Shanghai, Ning Po, Pei Ho, Tientsin (Gee). Specimens examined from Anhwei.

\***Coilia brachygnathus** KREYENBERG AND PAPPENHEIM, 1908, Sitz. Gesell. Nat. Fr. Berlin, p. 96. Tungting and Hankau.

Specimens examined from Tungting Lake (Hunan).

**SALMONIDÆ****PLECOGLOSSUS** Temminck and Schlegel

TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 229. Type: *Plecoglossus altivelis* Temminck and Schlegel.

**Plecoglossus altivelis** TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 229, Pl. cv, fig. 1. Japan.

North China (Reeves, 1927).

**SALANGIDÆ****SALANGICHTHYS** Bleeker

BLEEKER, 1860, Act. Soc. Sc. Indo Neerl., VIII, p. 101. Type: *Salanx microdon* Bleeker.

\***Salangichthys microdon** (BLEEKER).

*Salanx microdon* BLEEKER, 1860, Act. Soc. Sc. Indo Neerl., VIII, p. 100. Tokio. Specimens examined from Tungting Lake (Hunan).

**SALANX** Cuvier

CUVIER, 1817, 'Règne Animal,' II, p. 185. Type: *Salanx cuvieri* Cuvier and Valenciennes.

**(SALANX)** Cuvier

CUVIER, 1817, 'Règne Animal,' II, p. 185. Type: *Salanx cuvieri* Cuvier and Valenciennes.

\***Salanx cuvieri** CUVIER AND VALENCIENNES, 1849, 'Hist. Nat. Poiss.,' XXII, p. 360. No locality.

Specimens examined from Tungting Lake (Hunan).

**(LEUCOSOMA)** Gray

GRAY, 1831, 'Zoöl. Misc.,' p. 4. Type: *Leucosoma reevesi* Gray = *Albula chinensis* Osbeck.

\***Salanx chinensis** (OSBECK).

*Albula chinensis* OSBECK, 1765, 'Reise Ostindien, China,' p. 309. China. Specimens examined from Fukien.

**(PROTOSALANX)** Regan

REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 444. Type: *Salanx hyalocranius* Abbott.

**Salanx hyalocranius** ABBOTT, 1901, Proc. U. S. Nat. Mus., XXIII, p. 490, Fig. Tientsin.

**Salanx anderssoni** (RENDAHL).

*Protosalanx anderssoni* RENDAHL, 1923, Zool. Anz., LVI, p. 92. China.

**(PARASALANX)** Regan

REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 444. Type: *Parasalanx gracillimus* Regan.

**Salanx gracillimus** (REGAN).

*Parasalanx gracillimus* REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 446. Shanghai.

**Salanx angusticeps** (REGAN).

*Parasalanx angusticeps* REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 446. China.

**Salanx longianalis** (REGAN).

*Parasalanx longianalis* REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 446. Liao-ho, Northern China.

**Salanx annitæ** (VAN DAM).

*Parasalanx annitæ* VAN DAM, 1926, Ann. Mag. Nat. Hist., (9) XVIII, p. 342. Peitaiho (very likely marine).

**(HEMISALANX)** Regan

REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 444. Type: *Hemisanlanx prognathus* Regan.

**Salanx prognathus** (REGAN).

*Hemisanlanx prognathus* REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 445. Shanghai.

**MONOPTERIDÆ****FLUTA** Bloch and Schneider

BLOCH AND SCHNEIDER, 1801, 'Syst. Ich.,' p. 525. Type: *Monopterus javanensis* Lacépède = *Fluta alba* (Zuiew).

**Fluta alba** (ZUIEW).

*Muræna alba* ZUIEW, 1793, Nov. Act. Acad. Sc. Petropol, VII, p. 299. No locality.

\***Fluta alba cinerea** (RICHARDSON).

*Monopterus cinereus* RICHARDSON, 1844, 'Voy. "Sulph.,"' p. 117, Pl. LII. Woon-sung.

Specimens examined from Yunnan, Szechwan, Shansi, Tungting Lake (Hunan).

\***Fluta alba xanthognatha** (Richardson).

*Monopterus xanthognathus* RICHARDSON, 1844, 'Voy. "Sulph.,"' p. 118, Pl. LII. Canton.

Specimens examined from Fukien, Hainan Island.

**MASTACEMBELIDÆ****MASTACEMBELUS** Scopoli

SCOPOLI, 1777, 'Int. Hist. Nat.,' p. 458, after Gronow. Type: *Ophidium simack* Walbaum = *Rhynchobdella haleppensis* Bloch and Schneider.

**\*Mastacembelus armatus** (Lacépède).

*Macrognathus armatus* Lacépède, 1800, 'Hist., Nat. Poiss.,' II, p. 286. No. locality.

**\*Mastacembelus armatus undulatus** (McClelland).

*Macrognathus undulatus* McClelland, 1844, Calcutta Journ. Nat. Hist., IV, p. 398, Pl. xxii. Chusan-Ningpo region.

Specimens examined from Hainan Island.

**\*Mastacembelus sinensis** (Bleeker).

*Rhynchobdella sinensis* Bleeker, 1870, Versl. Ak. Amst., IV, p. 249. China.

Ningpo, Shanghai (Gee). Specimens examined from Tungting Lake (Hunan), Anhwei.

**ANGUILLIDÆ****ANGUILLA** Shaw

SHAW, 1803, 'Gen. Zool. or Syst. Nat. Hist.,' IV, p. 15. Type: *Anguilla vulgaris* Shaw (*Muræna anguilla* Linnæus).

**\*Anguilla japonica** TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 258, Pl. cxiii, fig. 2. Japan.

Ningpo (Gee). Specimens examined from Tungting Lake (Hunan), Fukien, Hainan Island.

**\*Anguilla mauritiana** Bennett, 1831, Proc. Comm. Zoöl. Soc., p. 128. Mauritius.

East Indian Oceans and Archipelagoes in general. Hainan (Oshima). Specimen examined from Fukien.

**SILURIDÆ****PARASILURUS** Bleeker

BLEEKER, 1862, Versl. Akad. Amst., XIV, p. 394. Type: *Parasilurus japonicus* Temminck and Schlegel = *Silurus asotus* Linnæus.

**\*Parasilurus asotus** (LINNÆUS).

*Silurus asotus* LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 304. Asia.

Tientsin, Ningpo, Shanghai, Chingwantao (Gee). Specimens examined from Shansi, Tungting Lake (Hunan), Anhwei, Fukien.

**Parasilurus cinereus** (DABRY DE THIERSANT).

*Silurus cinereus* DABRY DE THIERSANT, 1872, 'Pisc. Chin.,' Pl. xlvii, fig. 1. Yangtze.

**Parasilurus grahami** (REGAN).

*Silurus grahami* REGAN, 1907, Ann. Mag. Nat. Hist., XIX, p. 64. Yunnan.

**\*Parasilurus mento** (REGAN).

*Silurus mento* REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIII, p. 192. Yunnan. Specimens examined from Yunnan.

**\*Parasilurus cochinchinensis** (CUVIER AND VALENCIENNES).

*Silurus cochinchinensis* CUVIER AND VALENCIENNES, 1839, 'Hist. Nat. Poiss.,' XIV, p. 352. Cochinchina.

Specimens examined from Hainan Island, Fukien.

#### SILURODON Kner

KNER, 1869, "'Novara,' Fische,' p. 305. Type: *Silurodon hexanema* Kner.

**Silurodon hexanema** KNER, 1869, "'Novara,' Fische,' p. 305, Pl. XII, fig. 2. Probably Shanghai.

#### AORIA Jordan

JORDAN, 1919, Proc. Ac. Phila., 1919, p. 341. Type: *Bagrus lamarii* Cuvier and Valenciennes.

**Aoria argentivittata** (REGAN).

*Macrones argentivittatus* REGAN, 1905, Rev. Suisse Zool., XIII, p. 390, Pl. v, fig. 2. China.

**Aoria pulcher** (CHAUDHURI).

*Macrones pulcher* CHAUDHURI, 1912, Rec. Ind. Mus., VI, p. 20, Pl. I, fig. 4. Yunnan.

**Aoria sinensis** (BLEEKER).

*Macrones sinensis* BLEEKER, 1873, Ned. Tijd. Dierk., IV, p. 153. China.

#### CRANOGLANIS Peters

PETERS, 1880, Monatb. Akad. Wiss. Berl., II, p. 1030, Type: *Cranoglanis sinensis* Peters.

**Cranoglanis sinensis** PETERS, 1880, Monatb. Akad. Wiss. Berl., II, p. 1030, Fig. 1. Hongkong.

#### PSEUDOBAGRUS Bleeker

BLEEKER, 1860, Act. Soc. Sci. Indo-Ned., VIII, p. 87. Type: *Bagrus aurantiacus* Temminck and Schlegel.

**\*Pseudobagrus vachellii** (RICHARDSON).

*Bagrus* (?) *vachellii* RICHARDSON, 1846, 'Ich. Chin.,' Rept. XV Meet. Brit. Ass., p. 284. Canton.

Ningpo (Gee). Specimens examined from Tungting Lake (Hunan), Fukien.

**Pseudobagrus eupogon** BOULENGER, 1892, Ann. Mag. Nat. Hist., (6) IX, p. 247. Shanghai.

**\*Pseudobagrus fulvidraco** (RICHARDSON).

*Pimelodus* ? *fulvidraco* RICHARDSON, 1846, Rept. XV Meet. Brit. Ass., p. 286. Canton.

Shanghai, Canton (Gee). Specimens examined from Chihli, Shansi, Tungting Lake (Hunan), Anhwei, Fukien.

**\*Pseudobagrus intermedius** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 331, Fig. 5. Hainan.

**\*Pseudobagrus nitidus** SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, Art. 5, p. 5. Yangtze.

Specimens examined from Tungting Lake (Hunan).

**\*Pseudobagrus virgatus** (OSHIMA).



*Aoria virgatus* OSHIMA, 1926, Annot. Zool. Japon., XI, p. 4. Kachek River, Hainan.

Specimens examined from Hainan.

### LEIOCASSIS Bleeker

BLEEKER, 1858, Nat. Tijd. Ned.-Ind., XV, p. 225. Type: *Leiocassis micropogon* Bleeker.

### (NASOCASSIS) Nichols

NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 1. Type: *Liocassis longirostris* Günther.

#### **Leiocassis crassilabris** GÜNTHER.

*Liocassis crassilabris* GÜNTHER, 1864, 'Cat.,' V, p. 88. China.

#### \***Leiocassis crassilabris crassilabris** GÜNTHER.

*Liocassis crassilabris* GÜNTHER, 1864, 'Cat.,' V, p. 88. China.

Specimens examined from Tungting Lake (Hunan).

\***Leiocassis crassilabris macrops** NICHOLS, 1926, Amer. Mus. Novitates, No. 214, p. 2, Fig. 2. Fukien.

#### **Leiocassis crassirostris** REGAN.

*Liocassis crassirostris* REGAN, 1913, Ann. Mag. Nat. Hist., (8) XI, p. 552. Szechwan.

#### \***Leiocassis longirostris** GÜNTHER.

*Liocassis longirostris* GÜNTHER, 1864, 'Cat.,' V, p. 87. Japan (should be China).

Ningpo, probably Hongkong (Gee). Specimens examined from Tungting Lake (Hunan).

### (DERMOCASSIS) Nichols

NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 1. Type: *Bagrus ussuriensis* Dybowski.

#### \***Leiocassis medianalis** (REGAN).

*Macrones medianalis* REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIII, p. 194. Yunnan.

#### **Leiocassis emarginatus** REGAN.

*Liocassis emarginatus* REGAN, 1913, Ann. Mag. Nat. Hist., (8) XI, p. 553. Szechwan.

#### **Leiocassis pratti** (Günther).

*Macrones pratti* GÜNTHER, 1892, in Pratt, 'Snows of Tibet, etc.,' p. 245, Pl. I, fig.

B. Szechwan.

\***Leiocassis similis** NICHOLS, 1926, Amer. Mus. Novitates, No. 214, p. 1, Fig. 1. Fukien.

#### \***Leiocassis tæniatus** (GÜNTHER).

*Macrones (Liocassis) tæniatus* GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 245. Shanghai.

Ningpo (Gee). Specimen examined from Fukien.

#### **Leiocassis taphrophilus** (SAUVAGE AND DABRY DE THIERSANT).

*Hemibagrus taphrophilus* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, Art. 5, p. 6. Caneau du Tschuang occidental.

Ningpo (Gee).

**\*Leiocassis tenuis** (GÜNTHER).

*Macrones (Pseudobagrus) tenuis* GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 244. Shanghai.

Specimen examined from Fukien.

**Leiocassis truncatus** REGAN.

*Liocassis truncatus* REGAN, 1913, Ann. Mag. Nat. Hist., (8) XI, p. 553. Szechwan.

**\*Leiocassis ussuriensis** (DYBOWSKI).

*Bagrus ussuriensis* DYBOWSKI, 1872, Verh. Zool.-Bot. Gesell. Wien, XXII, p. 210. Ussuri River.

Specimens examined from Shansi, Tungting Lake (Hunan).

**HEMIBAGRUS** Bleeker

BLEEKER, 1863, Ned. Tijds. Dierk., I, p. 94. Type: *Bagrus nemurus* Valenciennes.

**(MACROPTEROBAGRUS)** Nichols

NICHOLS, 1925, Amer. Mus. Novitates No. 185, p. 1. Type: *Hemibagrus macropterus* Bleeker.

**\*Hemibagrus macropterus** BLEEKER, 1870, Versl. Akad. Amst., (2) IV, p. 258, plate. Yangtze River.

Specimens examined from Tungting Lake (Hunan), Anhwei.

**LIOBAGRUS** Hilgendorf

HILGENDORF, 1878, Sitz. Ges. Nat. Fr. Berlin, p. 155. Type: *Liobagrus reini* Hilgendorf.

**\*Liobagrus anguillicauda** Nichols, 1926, Amer. Mus. Novitates, No. 224, p. 1, Fig. 1. Fukien.

**Liobagrus marginatus** (GÜNTHER).

*Amblyceps marginatus* GÜNTHER, 1892, in Pratt, 'Snows of Tibet, etc.,' p. 245, Pl. II, fig. A. Szechwan.

**\*Liobagrus nigricauda** REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIII, p. 193. Yunnan.

Specimens examined from Yunnan.

**Liobagrus styani** REGAN, 1908, Ann. Mag. Nat. Hist., (8) I, p. 152. South Hupeh.

**GLYPTOSTERNON** McClelland

MCCLELLAND, 1842, Journ. Nat. Hist., Calcutta, II, p. 584. Type: *Glyptosternon reticulatus* McClelland.

**Glyptosternon conirostre** STEINDACHNER, 1867, Sitzb. Ak. Wiss. Wien, LV, p. 532, Pl. v, fig. 2; Pl. VI, fig. 4. Simla.

Mountain streams running into the Min River, Szechwan.—Günther, 1892, in Pratt, 'Snows of Tibet, etc.'

**Glyptosternon fokiensis** RENDAHL, 1925, Zool. Anz. (Leipzig), LXIV, p. 307. Fokien, Lien-Cheng-Hsien, Lan-Hiao.

**\*Glyptosternon sinense** REGAN, 1908, Ann. Mag. Nat. Hist., I, p. 110. Tungting Lake.

Specimens examined from Tungting Lake (Hunan).

\***Glyptosternon hainanensis** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 333, Fig. 7. Hainan.

### **ERETHISTES** Müller and Troschel

MÜLLER AND TROSCHER, 1849, Hor. Zool. Bes. Abb. Fische, III, p. 12. Type: *Erethistes pusillus* Müller and Troschel.

**Erethistes asperus** (McCLELLAND).

*Pimelodus asperus* McCLELLAND, 1844, Calcutta Journ. Nat. Hist., IV, p. 404, Pl. XXIV, fig. 2. Chusan.

### **EXOSTOMA** Blyth

BLYTH, 1860, Journ. Asiat. Soc. Bengal, XXIX, p. 155. Type: *Exostoma berdmorei* Blyth.

### (**EUCHILOGLANIS**) Regan

REGAN, 1911, Ann. Mag. Nat. Hist., (8) VIII, p. 564. Type: *Chimarrichthys davidi* Sauvage.

**Exostoma davidi** (SAUVAGE).

*Chimarrichthys davidi* SAUVAGE, 1874, Rev. Mag. Zoöl., II, p. 332. Thibet. River Ya (Günther, 1896).

**Exostoma myzostoma** (NORMAN).

*Euchiloglanis myzostoma* NORMAN, 1923, Ann. Mag. Nat. Hist., (9) XI, p. 562. Yunnan.

### (**GLARIDOGLANIS**) Norman

NORMAN, 1925, Ann. Mag. Nat. Hist., (9) XV, p. 574. Type: *Exostoma andersonii* Day.

**Exostoma andersonii** DAY, 1869, Proc. Zoöl. Soc., p. 524. Yunnan.

### **CLARIAS** Scopoli

SCOPOLI, 1777, following Gronow, 1763, 'Zoophylaceum,' p. 100. Type: *Clarias orontis* Günther.

\***Clarias fuscus** (Lacépède).

*Macropteronotus fuscus* Lacépède, 1803, 'Hist. Nat. Poiss.,' V, p. 88, Pl. II, fig. 2. China.

Specimens examined from Yunnan, Fukien, Hainan Island.

### **CATOSTOMIDÆ**

#### **MYXOCYPRINUS** Gill

GILL, 1878, Johnson's 'Cyclopædia,' p. 1574. Type: *Carpiodes asiaticus* Bleeker.

**Myxocyprinus asiaticus** (BLEEKER).

*Carpiodes asiaticus* BLEEKER, 1865, Ned. Tijd. Dierk., II, p. 19 (? probably northern) China.

\***Myxocyprinus asiaticus asiaticus** (BLEEKER).

*Carpiodes asiaticus* BLEEKER, 1865, Ned. Tijd. Dierk., II, p. 19 (? probably northern) China.

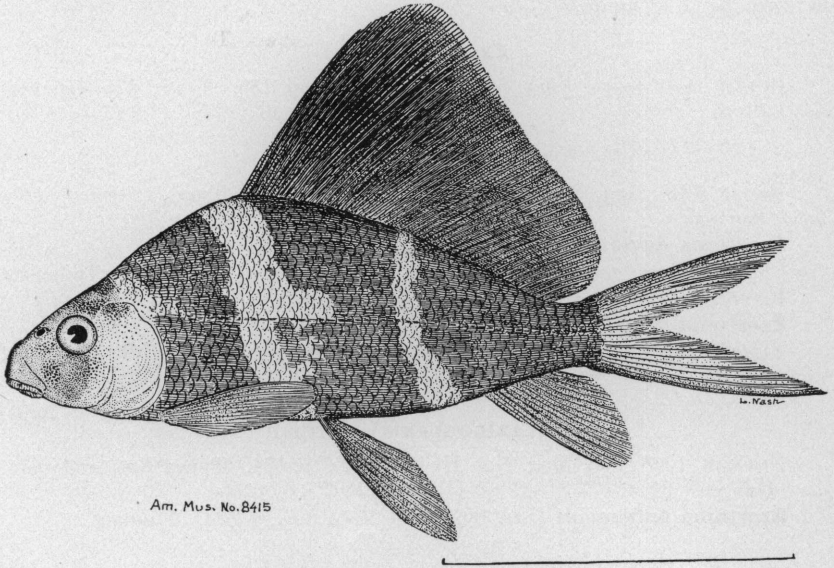
Specimens examined from Anhwei.

\***Myxocyprinus asiaticus chinensis** (DABRY DE THIERSANT).

*Carpiodes chinensis* DABRY DE THIERSANT, 1872, 'Pisc. Chin.', p. 182, Pl. XL, fig. 1. Yangtze.

Specimens examined from Tungting Lake (Hunan).

\***Myxocyprinus asiaticus fukiensis** NICHOLS, 1925, Amer. Mus. Novitates, No. 177, p. 8. Fukien.



Am. Mus. No. 8415

Fig. 2. *Myxocyprinus asiaticus fukiensis*, type.

## CYPRINIDÆ

### CYPRINUS Linnæus

LINNÆUS, 1758, 'Syst. Nat.', 10th Ed., I, p. 320, after Artedi. Type: *Cyprinus carpio* Linnæus.

\***Cyprinus carpio** LINNÆUS, 1758, 'Syst. Nat.', 10th Ed., p. 320. Europe. Chihli Prov., Canton, Peking (Gee). Specimens examined from Tungting Lake (Hunan), Swatow, Hainan.

**Cyprinus fossicola** RICHARDSON.

*Cyprinus* (?) *fossicola* RICHARDSON, 1845, 'Ich. Chin.', p. 291, attributed to Gray. China.

Canton (Gee).

\***Cyprinus micristius** REGAN, 1906, Ann. Mag. Nat. Hist., (7) XVII, p. 332. Yunnan.

**CARASSIUS** Nilsson

NILSSON, 1832, 'Prod. Ichth. Scand.,' IV, p. 290. Type: *Cyprinus carassius* Linnæus.

**Carassius carassius** (LINNÆUS).

*Cyprinus carassius* LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 321. Europe.

North China (Gee).

\***Carassius auratus** (LINNÆUS).

*Cyprinus auratus* LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 322. China and Japan.

Shanghai, Ningpo, Canton, Yangtze River, Pei Ho, Hongkong, Chihli Prov. (Gee). Specimens examined from Chihli, Shansi, Anhwei, Tungting Lake (Hunan), Szechwan, Yunnan, Fukien, Hainan.

**CIRRHINUS** Oken

OKEN, 1817, Isis, pp. 1181-1183; after Cuvier. Type: *Cyprinus cirrhosus* Bloch.

**Cirrhinus chinensis** GÜNTHER.

*Cirrhina chinensis* GÜNTHER, 1868, 'Cat.,' VII, p. 36. China.

**OSTEOCHILUS** Günther

GÜNTHER, 1868, 'Cat.,' VII, p. 40. Type: *Rohita melanopleura* Bleeker.

\***Osteochilus salsburyi** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 348, Fig. 18. Hainan.

**MYSTACOLEUCUS** Günther

GÜNTHER, 1868, 'Cat.,' VII, p. 206. Type: *Systemus padangensis* Bleeker.

**Mystacoleucus mandarinus** RENDAHL, 1926, Ark. Zool., 18B (2), paper No. 11, pp. 1-4. China.

**BARBUS** Cuvier

CUVIER, 1817, 'Règne Animal,' 1st Ed., II (Reptiles, Fishes, etc.), p. 192. Type: *Cyprinus barbatus* Linnæus.

**(BARBODES)** Bleeker

BLEEKER, 1859, Nat. Tijds. Ned.-Ind., XX, p. 431. Type: *Systemus belinka* McClelland.

\***Barbus cogginii** CHAUDHURI, 1911, Rec. Ind. Mus., VI, p. 16, Pl. Yunnan.

Specimens examined from Yunnan.

**Barbus deauratus** CUVIER AND VALENCIENNES, 1842, 'Hist. Nat. Poiss.,' XVI, p. 188. Cochinchina.

Canton (Gee).

\***Barbus grahmi** REGAN, 1904, Ann. Mag. Nat. Hist., XIII, p. 190. Yunnan. Specimens examined from Yunnan.

**Barbus gregorii** Norman, 1923, Ann. Mag. Nat. Hist., (9) XI, p. 562. Yunnan.

**Barbus margaritanus** ANDERSON, 1878, 'Expeditions to Western Yunnan,' p. 867, Pl. LXXIX, fig. 1. Western Yunnan border.

**Barbus simus** SAUVAGE AND DABRY DE THIERSANT.

*Barbus (Systemus) sinus* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, Art. 5, p. 8. China.

**Barbus sinensis** (BLEEKER).

*Puntius (Barbodes) sinensis* BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 17, Pl. III, fig. 2. Yangtze ?.

**Barbus yunnanensis** REGAN, 1904, Ann. Mag. Nat. Hist., XIII, p. 191. Yunnan.

(**SPINIBARBUS**) Oshima

OSHIMA, 1919, Ann. Carneg. Mus., XII, p. 217. Type: *Spinibarbus hollandi* Oshima.

\***Barbus nigrodorsalis** (OSHIMA).

*Spinibarbus nigrodorsalis* OSHIMA, 1926, Annot. Zool. Japon., XI, p. 10. Kachek River, Hainan.

Specimens examined from Nodoa, Hainan.

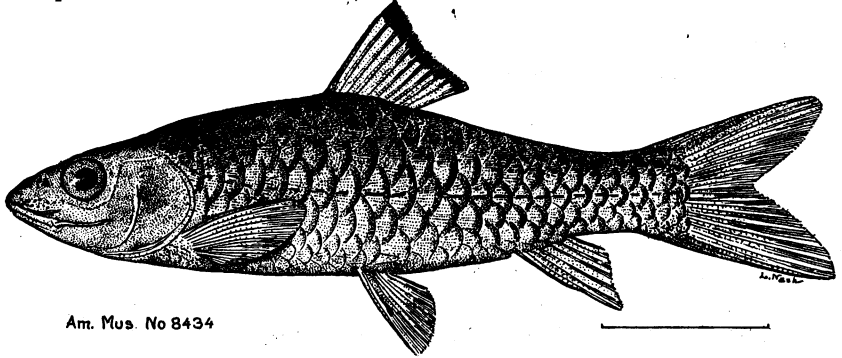


Fig. 3. *Barbus caldwelli*, type.

\***Barbus caldwelli** NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 2. Fukien.

\***Barbus denticulatus** (OSHIMA).

*Spinibarbichthys denticulatus* OSHIMA, 1926, Annot. Zool. Japon., XI, p. 11. Kachek River, Hainan.

Specimens examined from Nodoa, Hainan.

(**TOR**) Gray

GRAY, 1833, 'Illust. Ind. Zool.,' II, p. 96. Type: *Cyprinus tor* Hamilton = *Tor hamiltoni* Gray.

**Barbus brevifilis** Peters.

*Barbus (Labeobarbus) brevifilis* PETERS, 1880, Monatb. Akad. Wiss. Berl., p. 1033, Fig. 4. Hongkong.

(**PUNTIUS**) Hamilton-Buchanan

HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' p. 388. Type: *Cyprinus puntio* Hamilton-Buchanan.

\***Barbus semifaciolatus** GÜNTHER, 1868, 'Cat.,' VII, p. 484. China.

Specimens examined from Hainan.

\***Barbus snyderi** (OSHIMA).

*Puntius snyderi* OSHIMA, 1919, Ann. Carn. Mus., XII, p. 216, Pl. L, fig. 2. Formosa.

Specimens examined from Fukien.

(**LISSOCHILICHTHYS**) Oshima

OSHIMA, 1920, Proc. Acad. Phila., 1920, p. 124. Type: *Lissochilichthys matsudai* Oshima.

\***Barbus matsudai** (OSHIMA).

*Lissochilichthys matsudai* OSHIMA, 1920, Proc. Acad. Nat. Sci. Phila., LXXII, p. 124, Pl. III, fig. 2. Formosa. Kachek River, Hainan (Oshima, as *Barbodes paradoxus*). Specimens examined from Fukien.

**Barbus lissochiloides**, new name.

*Crossochilus fasciatus* STEINDACHNER, 1892, Denks, Akad. Wien, LIX, pt. 1, p. 372, Pl. IV, figs. 2-2b. Shanghai. Name preoccupied in *Barbus*.

\***Barbus barbodon** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 345, Fig. 16. Hainan.

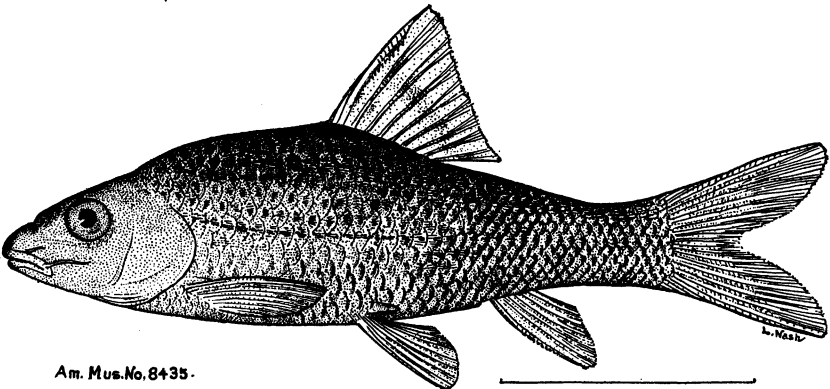


Fig. 4. *Barbus hemispinus*, type.

\***Barbus hemispinus** NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 2. Fukien.

**CYCLOCHEILICHTHYS** Bleeker

BLEEKER, 1859-60, Nat. Tijds. Ned.-Ind., p. 431. Type: *Cyclocheilichthys armatus* Bleeker.

\***Cyclocheilichthys iridescens** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 347, Fig. 17. Hainan.

**Cyclocheilichthys sinensis** BLEEKER, 1879, 'Inedites Poiss. Chin.,' Verh. Akad. Amst., XVIII, p. 10, Pl. I, fig. 2. China.

**CROSSOCHEILUS** Van Hasselt

VAN HASSELT, 1823, Allg. Konst. Lett., II, p. 132. Type: *Hampala macrolepidota* Van Hasselt.

**Crossocheilus monticola** GÜNTHER,

*Crossochilus monticola* GÜNTHER, 1888, Ann. Mag. Nat. Hist., (6) I, p. 431. Ichang gorge of the Yangtze.

**Crossocheilus styani** BOULENGER.

*Crossochilus styani* BOULENGER, 1901, Proc. Zoöl. Soc., London, pt. 1, p. 268, Pl. xxiii, fig. 1. Ningpo.

**SINIBARBUS** Sauvage

SAUVAGE, 1874, Rev. Mag. Zool. (Paris), II, p. 335. Type: *S. vittatus* Sauvage.

**Sinibarbus vittatus** SAUVAGE, 1874, Rev. Mag. Zool. (Paris), II, p. 335. Western Tchekiang.

**DANIO** Hamilton-Buchanan

HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' p. 390. Type: *Cyprinus dangila* Hamilton-Buchanan.

**Danio kakhienensis** ANDERSON, 1878, 'Expeditions to Western Yunnan,' p. 868, Pl. LXXIX, fig. 2. Western Yunnan border (Nampoung River).

**SCHIZOTHORAX** Heckel

HECKEL, 1838, 'Fische Caschmir, etc.,' p. 11. Type: *Schizothorax plagiostomus* Heckel.

**(SCHIZOTHORAX)** Heckel

HECKEL, 1838, 'Fische Caschmir, etc.,' p. 11. Type: *Schizothorax plagiostomus* Heckel.

**Schizothorax taliensis** REGAN, 1907, Ann. Mag. Nat. Hist., XIX, p. 63. Yunnan.

**Schizothorax yunnanensis** NORMAN, 1923, Ann. Mag. Nat. Hist., (9) XI, p. 561. Yunnan.

**Schizothorax potanini** HERZENSTEIN, 1888, 'Prezewalski Cent. As. Reisen,' Zool., III, pt. 2, p. 134, Pl. xvi, fig. 1. Lun-ang-fu (western Yunnan border.)

**(OREINUS)** McClelland

MCCLELLAND, 1839, Ind. Cyp., As. Res., XIX, p. 273. Type: *Oreinus guttatus* McClelland.

\***Schizothorax sinensis** HERZENSTEIN, 1889, 'Wiss. Res. Przewalski Reis., Zool.,' III, pt. 2, p. 175, Pl. xx, fig. 2. Lun-ang-Fu.

Specimen examined from Wuting Chou District (Yunnan).

**Schizothorax grahami** (REGAN).

*Oreinus grahami* REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIV, p. 416. Yunnan.

**Schizothorax progastus** (MCCLELLAND).

*Oreinus progastus* MCCLELLAND, 1839, Ind. Cyp. As. Res., XIX, pt. 2, pp. 274, 343, Pl. xl, fig. 4.

Yunnan (Chaudhuri).



**SCHIZOPYGOPSIS** Steindachner

STEINDACHNER, 1866, Verh. Zool. Bot. Ges. Wien, XVI, p. 786. Type: *Schizopygopsis stoliczkae* Steindachner.

**Schizopygopsis pylzovi** KESSLER, 1876, in Prejevalski's 'Mongolia,' II, pt. 4. p. 13. Kansu.

**DIPTYCHUS** Steindachner

STEINDACHNER, 1866, Verh. Zool.-Bot. Ges. Wien, XVI, p. 787. Type: *Diptychus maculatus* Steindachner.

**Diptychus crassilabris** STEINDACHNER, 1890, 'Reise Szechenyi Ostasien,' II, p. 508. Sining-fu.

**LEUCISCUS** Cuvier

CUVIER, 1817, 'Règne Animal,' II, p. 194. Type: *Cyprinus leuciscus* Linnæus.

**Leuciscus waleckii** (DYBOWSKI).

*Idus waleckii* DYBOWSKI, 1869, Verh. Zool. Bot. Ges. Wien, XIX, p. 593, Pl. xvi, fig. 5. Transbaikalia.

\***Leuciscus waleckii sinensis** (Lönnerberg).

*Idus waleckii sinensis* Lönnerberg, 1925, Fauna och Flora (Upsala), 1925, pp. 196-197. Hoangho, Ping-lu-hsien, Shansi; also Honan.

Specimens examined from Yellow River at Paotou, Mongolia.

\***Leuciscus waleckii waleckii** (Dybowski).

*Idus waleckii* DYBOWSKI, 1869, Verh. Zool.-Bot. Ges. Wien, XIX, p. 593, Pl. xvi, fig. 5. Transbaikalia.

Specimens examined from Shansi.

**PHOXINUS** Rafinesque

RAFINESQUE, 1820, 'Ichthyologia Ohiensis,' p. 45. Type: *Cyprinus phoxinus* Linnæus. Europe.

**Phoxinus lagowskii** DYBOWSKI, 1869, Verh. Zool.-Bot., Ges. Wien, XIX, p. 952, Pl. xv, fig. 4. Amur River.

\***Phoxinus lagowskii costatus** (FOWLER).

*Leuciscus costatus* FOWLER, 1899, Proc. Acad. Phila., LI, p. 180. Sungari basin, eastern Mongolia.

Probable habitat: Chihli (Fowler), northern Shansi and eastern Mongolia, southwest to western Szechwan.

\***Phoxinus lagowskii variegatus** (GÜNTHER).

*Rhyncocypris variegata* GÜNTHER, 1889, Ann. Mag. Nat. Hist., (6) IV, p. 225. Middle Yangtze.

Probable habitat: Chihli and Shansi south to the middle Yangtze, Hupeh and Kiangsi

**ASPIUS** Agassiz

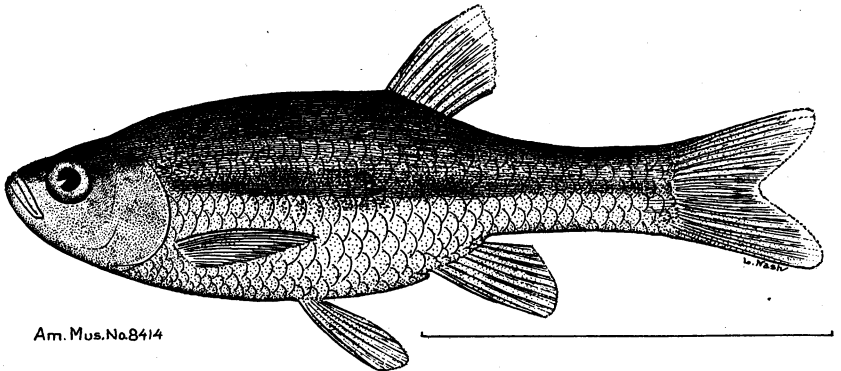
AGASSIZ, 1835, Mem. Soc. Sci. Nat. Neuchâtel, I, p. 38. Type: *Cyprinus rapax* Pallas = *Cyprinus aspius* Linnæus.

**Aspius spilurus** GÜNTHER, 1868, 'Cat.,' VII, p. 311. Inland mountainous region of Hongkong.

**CARASPIUS** Nichols

NICHOLS, 1925, Amer. Mus. Novitates, No. 177, p. 6. Type: *Caraspius agilis* Nichols.

\***Caraspius agilis** NICHOLS, 1925, Amer. Mus. Novitates, No. 177, p. 6. Szechwan.



Am. Mus. No. 8414

Fig. 5. *Caraspius agilis*, type.

**MYLOLEUCISCUS** Garman

GARMAN, 1912, Mem. Mus. Comp. Zool., XL, p. 116. Type: *Myloleuciscus atripinnis* Garman = *Leuciscus æthiops* Basilewski.

\***Myloleuciscus æthiops** (BASILEWSKI).

*Leuciscus æthiops* BASILEWSKI, 1855, N. Mem. Nat. Mosc., p. 233, Pl. VI, fig. 1. North China.

Peking, Chihli, Yangtze, N. China (Gee). Yangtze at Hankau (Kreyenberg and Pappenheim). Specimens examined from Tungting Lake (Hunan).

**CTENOPHARYNGODON** Steindachner

STEINDACHNER, 1866, Verh. Zool. bot. Gesell. Wein, XVI, p. 782. Type: *Ctenopharyngodon laticeps* Steindachner = *Leuciscus idella* Cuvier and Valenciennes.

\***Ctenopharyngodon idella** (CUVIER AND VALENCIENNES).

*Leuciscus idella* CUVIER AND VALENCIENNES, 1844, 'Hist. Nat. Poiss.,' XVII, p. 362. China.

Ningpo, Shanghai (Gee). Specimens examined from Tungting Lake (Hunan), and from near Canton.

**SQUALIOBARBUS** Günther

GÜNTHER, 1868, 'Cat.,' VII, p. 297. Type: *Leuciscus curriculus* Richardson.

\***Squaliobarbus curriculus** (RICHARDSON).

*Leuciscus curriculus* RICHARDSON, 1846, Rep. XV Meet. Brit. Assoc. (1845), p. 299. Canton.

N. China (Gee). Yangtze at Hankau (Kreyenberg and Pappenheim). Specimens examined from Shansi, Tungting Lake (Hunan), Fukien.

**OCHETOBIUS** Günther

GÜNTHER, 1868, 'Cat.,' VII, p. 297. Type: *Opsarius* (?) *elongatus* Kner.

\***Ochetobius elongatus** (KNER).

*Opsarius* (?) *elongatus* KNER, "Novara," Fische, p. 358, Pl. xv, fig. 1, Shanghai. Specimens examined from Tungting Lake (Hunan), Anhwei.

**BARILIUS** Hamilton-Buchanan

HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' p. 384. Type: *Cyprinus barila* Hamilton-Buchanan.

**Barilius alburnops** REGAN, 1914, Ann. Mag. Nat. Hist., (8) XIII, p. 260. Yunnan.

**Barilius andersoni** REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIV, p. 416. Yunnan.

**Barilius grahami** REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 357. Yunnan.

**Barilius hainanensis** BOULENGER, 1899, Proc. Zoöl. Soc. London, pt. 2, p. 961, Pl. LXIX, fig. 2. Hainan.

**Barilius polylepis** REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIII, p. 191. Yunnan.

**Barilius interrupta** DAY, 1869, Proc. Zoöl. Soc., p. 559. Hotha, Yunnan (Anderson).

**ELOPICHTHYS** Bleeker

BLEEKER, 1859, Nat. Tijd. Ned.-Ind., XX, p. 436. Type: *Leuciscus bambusa* Richardson.

**Elopichthys bambusa** (RICHARDSON).

*Leuciscus bambusa* RICHARDSON, 1844, 'Voy. "Sulph.," Ichth.,' p. 141. Pl. LXIII, fig. 2. (Canton); and 'Ichth. Chin.,' p. 299.

Ningpo, Canton, Shanghai, Pei Ho, Tientsin (Gee). Yangtze at Hankau (Kreyenberg and Pappenheim).

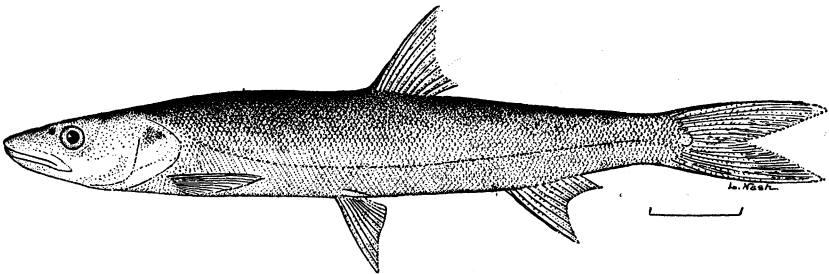


Fig. 6. *Scombrocypris styani*, 198 mm. standard length.

**SCOMBROCYPRIS** Günther

GÜNTHER, 1889, Ann. Mag. Nat. Hist., (6) IV, p. 226. Type: *Scombrocypris styani* Günther.

\***Scombrocypris styani** GÜNTHER, 1889, Ann. Mag. Nat. Hist., (6) VI, p. 226. Yangtze.

Specimen examined from Tungting Lake (Hunan).

**RASBORA** Bleeker

BLEEKER, 1859, Consp. Syst. Cypr., Nat. Tijd. Neder.-Ind., XX, p. 435. Type: *Cyprinus rasbora* Hamilton-Buchanan.

**Rasbora cephalotænia** (BLEEKER).

*Leuciscus cephalotænia* Bleeker, 1852, Nat. Tijd. Ned.-Ind., III, p. 97. Billiton, East Indies.

\***Rasbora cephalotænia steineri** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 364, Fig. 30. Hainan.

**OPSARIICHTHYS** Bleeker

BLEEKER, 1863, Ned. Tijd. Dierk., I, p. 203. Type: *Leuciscus uncirostris* Temminck and Schlegel.

\***Opsariichthys minutus** NICHOLS, 1926, Amer. Mus. Novitates, No. 224, p. 6, Fig. 5. Fukien.

\***Opsariichthys bidens** GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 249. Shanghai.

Specimens examined from Shansi, Anhwei, Fukien, Szechwan.

**Opsariichthys uncirostris** (TEMMINCK AND SCHLEGEL).

*Leuciscus uncirostris* TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 211, Pl. CII, fig. 2. Japan.

Chihli (Fowler, 1924).

**Opsariichthys acanthogenys** BOULENGER, 1901, Proc. Zoöl. Soc., pt. 1, p. 269, Pl. XXIV, fig. 1, Ningpo. [This is probably a *Zacco*.]

\***Opsariichthys hainanensis** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 368, Fig. 33. Hainan.

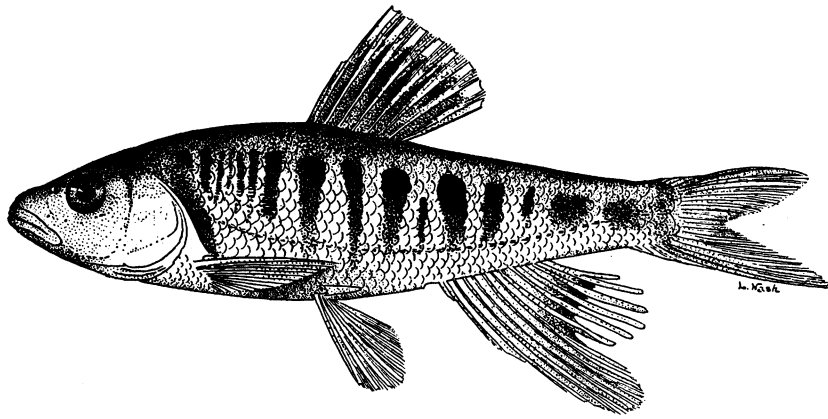
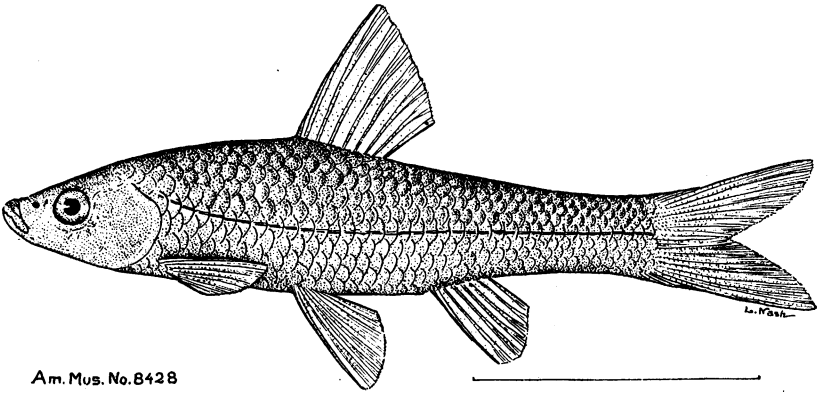


Fig. 7. *Zacco platypus*, from Fukien Province.

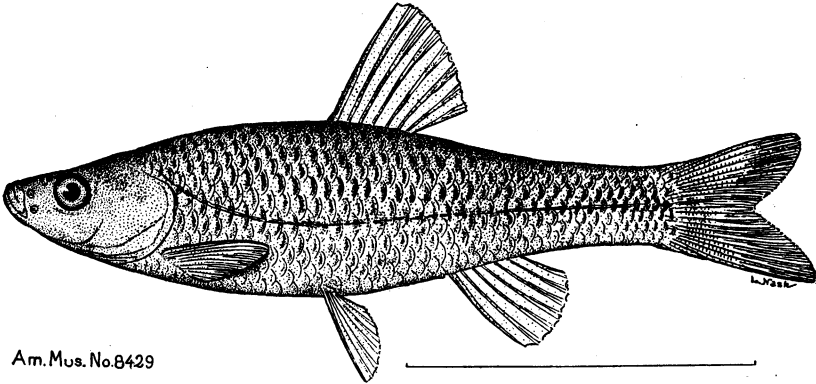
**ZACCO** Jordan and Evermann

JORDAN AND EVERMANN, 1902, Proc. U. S. Nat. Mus., XXV, p. 322. Type: *Leuciscus platypus* Temminck and Schlegel.



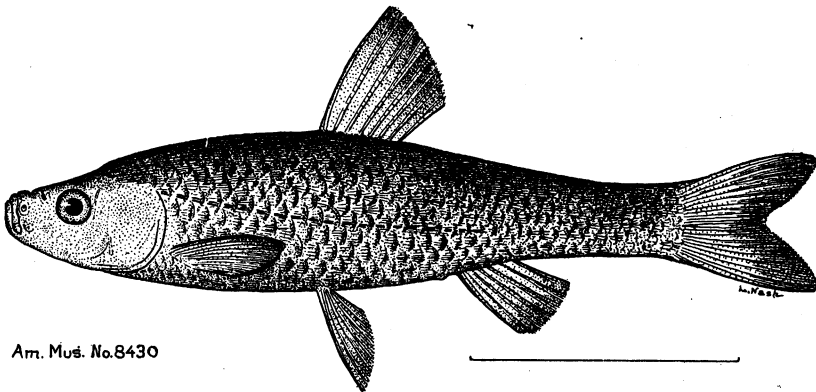
Am. Mus. No. 8428

Fig. 8. *Pseudorasbora altipinna*, type.



Am. Mus. No. 8429

Fig. 9. *Pseudorasbora depressirostris*, type.



Am. Mus. No. 8430

Fig. 10. *Pseudorasbora monstrosa*, type.

\***Zacco asperus** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 367, Fig. 32. Hainan.

\***Zacco platypus** (TEMMINCK AND SCHLEGEL).

*Leuciscus platypus* TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 207, Pl. CI, fig. 1. Japan.

Yangtze at Nankanho (Kreyenberg and Pappenheim). Specimens examined from Chihli, Fukien.

#### **PSEUDORASBORA** Bleeker

BLEEKER, 1859, Nat. Tijd. Ned.-Ind., XX, p. 435. Type: *Leuciscus parvus* Temminck and Schlegel.

\***Pseudorasbora parva** (TEMMINCK AND SCHLEGEL).

*Leuciscus parvus* TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 215, Pl. CII, fig. 3. Japan.

Chihli (Fowler, 1924).

\***Pseudorasbora altipinna** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 5. Szechwan.

\***Pseudorasbora depressirostris** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 5. Shansi.

\***Pseudorasbora fowleri** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 5. Anhwei.

Specimens examined from Anhwei.

\***Pseudorasbora monstrosa** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 6. Fukien.

#### **LUCIOBRAMA** Bleeker

BLEEKER, 1870, Versl. Akad. Amst., (2) IV, p. 253. Type: *Luciobrama typus* Bleeker.

\***Luciobrama typus** BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 51, Pl. I, fig. 2. Yangtze?

Specimens examined from Tungting Lake (Hunan.)

#### **SEMILABEO** Peters

PETERS, 1880, Monatb. Akad. Wiss. Berl., p. 1032. Type: *Semilabeo notabilis* Peters.

**Semilabeo notabilis** PETERS, 1880, Monatb. Akad. Wiss. Berl., p. 1032, Fig. 3. Hongkong.

#### **LABEO** Cuvier

CUVIER, 1817, 'Règne Animal,' II, p. 194. Type: *Cyprinus niloticus* (Forskål) Geoffroy.

**Labeo yunnanensis** CHAUDHURI, 1911, Rec. Ind. Mus., VI, p. 14, Pl. I, figs. 1, 1a, 1b. Yunnan.

**Labeo decorus** PETERS, 1880, Monatb. Akad. Wiss. Berl., p. 1031, Fig. 2. Hongkong.

\***Labeo jordani** OSHIMA, 1919, Ann. Carn. Mus., XII, p. 204, Pl. XLIX, fig. 3. Formosa.

Specimen examined from Swatow.

\***Labeo collaris** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 362, Fig. 28. Hainan.

**TYLOGNATHUS** Heckel

HECKEL, 1842, 'Ich., Syrien, Russegger Reisen, etc.,' I, p. 1073. Type: *Tylognathus diplostomus* Heckel.

**Tylognathus davidi** SAUVAGE, 1878, Bull. Soc. Phil. Paris, II, p. 86. Western Szechwan.

**GARRA** Hamilton-Buchanan

HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' p. 393. Type: *Cyprinus lamta* Hamilton-Buchanan.

(**GARRA**) Hamilton-Buchanan

HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' p. 393. Type: *Cyprinus lamta* Hamilton-Buchanan.

**Garra yunnanensis** (REGAN).

*Discognathus yunnanensis* REGAN, 1907, Ann. Mag. Nat. Hist., (7) XIX, p. 63. Yunnan.

**Garra prochilus** (SAUVAGE AND DABRY DE THIERSANT).

*Discognathus prochilus* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, No. 5, p. 8. Szechwan.

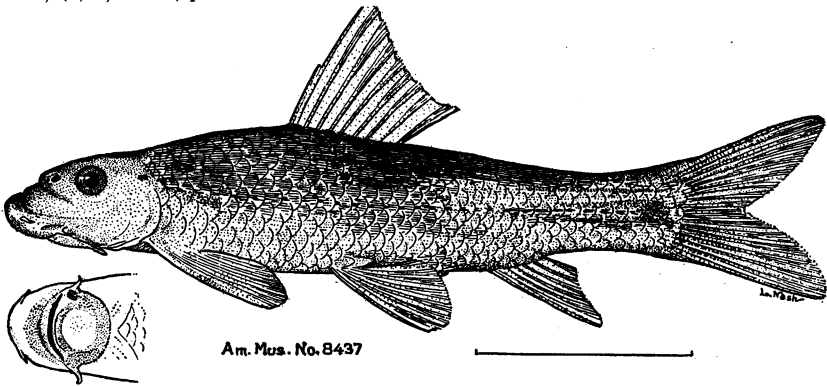


Fig. 11. *Garra orientalis*, type.

\***Garra orientalis** NICHOLS, 1925, Am. Mus. Novitates, No. 185, p. 4. Fukien.

\***Garra schismatorhyncha** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 358, Fig. 25. Hainan.

(**AGENEIOGARRA**) Garman

GARMAN, 1912, Mem. Mus. Comp. Zool., XL, p. 114. Type: *Garra imberba* Garman.

**Garra imberbis** (VINCIGUERRA).

*Discognathus imberbis* VINCIGUERRA, 1890, Ann. Mus. Genov., (2) IX, p. 277, Pl. IX, fig. 7. Burma.

Hainan (Boulenger, 1899).

**Garra imberba** GARMAN.

*Garra (Ageniogarra) imberba* GARMAN, 1912, Mem. Mus. Comp. Zoöl., XL, p. 114. Western Szechwan. Preoccupied by *Discognathus imberbis* Vinciguerra (?).

#### **VARICORHINUS** Rüppell

RÜPPELL, 1836, Museum Senckenberg, II, p. 14. Type: *Varicorhinus beso* Rüppell = *Labeo varicorhinus* Cuvier and Valenciennes.

\***Varicorhinus discognathoides** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 360, Fig. 26. Hainan.

**Varicorhinus kreyenbergii** (REGAN).

*Gymnostomus kreyenbergii* REGAN, 1908, Ann. Mag. Nat. Hist., (8) I, p. 109, Fig. a, Pl. IV, fig. 1. Nankancho near Tinghsiang (probably in Kiangsi).

Yangtze (Nankancho at Pinghsiang) (Kreyenberg and Pappenheim).

**Varicorhinus macrolepis** (BLEEKER).

*Gymnostomus macrolepis* BLEEKER, 1871, Verh. Akad. Amst., Nat., XII, p. 32, Pl. VIII, fig. 2. Yangtze?

\***Varicorhinus tamusuiensis** (OSHIMA).

*Scaphesthes tamusuiensis* OSHIMA, 1919, Ann. Carn. Mus., XII, p. 209, Pl. I, fig. 1. Formosa.

Specimens examined from Fukien.

\***Varicorhinus robustus** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 2. Fukien.

\***Varicorhinus shansiensis** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 2. Shansi.

\***Varicorhinus tungting** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 3. Tungting Lake.

#### **ONYCHOSTOMA** Günther

GÜNTHER, 1896, Ann. Mus. Zoöl. St. P., pt. 1, p. 211. Type: *O. laticeps* Günther.

**Onychostoma laticeps** GÜNTHER, 1896, Ann. Mus. Zool. St. P., pt. 1, p. 211, Pl. I, fig. b. Near Hui-hsien, Kansu.

**Onychostoma gerlachi** (PETERS).

*Barbus gerlachi* PETERS, 1880, Monatb. Akad. Wiss. Berl., p. 1034, Fig. 5. Hongkong.

\***Onychostoma leptura** (BOULENGER).

*Gymnostomus lepturus* BOULENGER, 1899, Proc. Zoöl. Soc. London, pt. 2, p. 961. Hainan.

Specimens examined from Hainan.

#### **XENOCYPRIS** Günther

GÜNTHER, 1868, 'Cat.,' VII, p. 205. Type: *Xenocypris argentea* Günther.

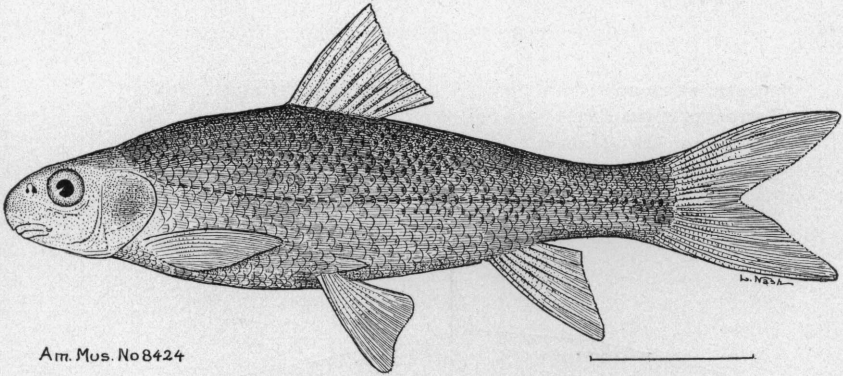
#### (**XENOCYPRIS**) Günther

GÜNTHER, 1868, 'Cat.,' VII, p. 205. Type: *Xenocypris argentea* Günther.

**Xenocypris argentea** GÜNTHER, 1868, 'Cat.,' VII, p. 205. China.

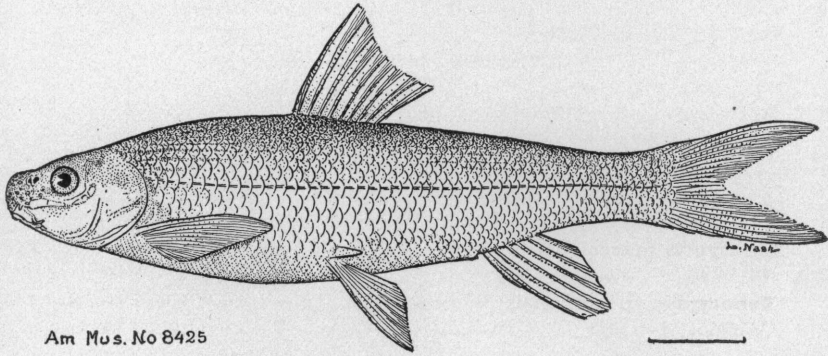
\***Xenocypris davidi** BLEEKER, 1871, Verh. Akad. Wet., Amst., Nat., XII, p. 56. Yangtze?





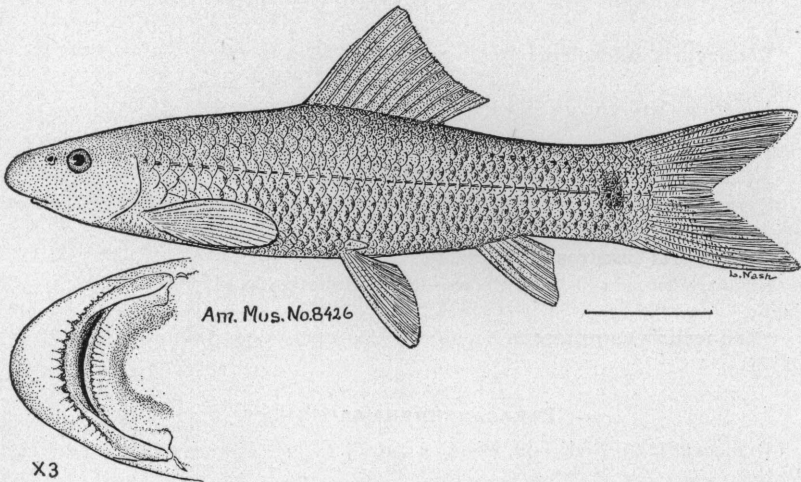
Am. Mus. No 8424

Fig. 12. *Varicorhinus robustus*, type.



Am Mus. No 8425

Fig. 13. *Varicorhinus shansiensis*, type.



Am. Mus. No. 8426

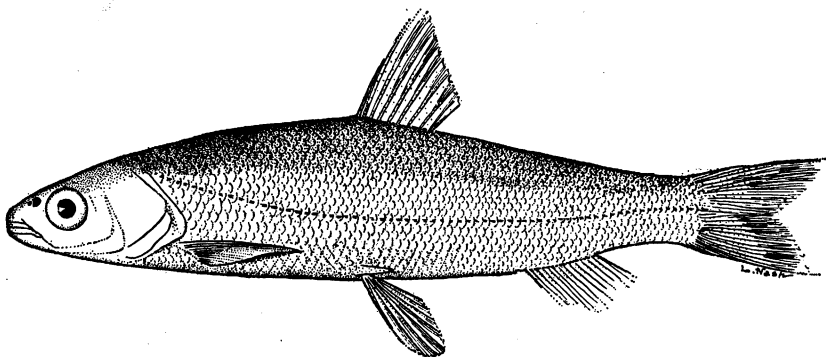
X3

Fig. 14. *Varicorhinus tungting*, type.

Specimens examined from Shansi, Tungting Lake (Hunan), Anhwei.

\***Xenocypris insularis** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 363, Fig. 29. Hainan.

**Xenocypris lampertii** POPTA, 1908, Zool. Anz., XXXII, p. 243. Kiantschou (?southwest of Canton).



Am. Mus. No. 8440

Fig. 15. *Xenocypris yunnanensis*, type.

**Xenocypris macrolepis** BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 53, Pl. v, fig. 2. Yangtze.

\***Xenocypris yunnanensis** NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 6. Yunnan.

#### (PLAGIOGNATHOPS) Berg

BERG, 1907, Ann. Mus. Zool. St. P., XII, p. 419. Type: *Xenocypris microlepis* Bleeker.

**Xenocypris microlepis** BLEEKER, 1871, 'Mem. Cypr. Chin.,' p. 58, Pl. ix. Yangtze.

Tungting (Kreyenberg and Pappenheim).

#### (DISTOECHODON) Peters

PETERS, 1880, Monatb. Akad. Wiss. Berl., p. 924. Type: *Distoechodon tumirostris* Peters.

**Xenocypris tumirostris** (PETERS).

*Distoechodon tumirostris* PETERS, 1880, Monatb. Akad. Wiss. Berl., p. 924. Ningpo.

\***Xenocypris compressus** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 4. Fukien.

#### PARACANTHOBRAMA Bleeker

BLEEKER, 1865, Ned. Tijd. Dierk., II, p. 23. Type: *Paracanthobrama guichenoti* Bleeker.

**Paracanthobrama guichenoti** BLEEKER, 1864, Ned. Tijd. Dierk., p. 24. China.

**ACANTHOBRAMA** Heckel

HECKEL, 1842, 'Ich. Russ., Reisen, etc.,' pt. 1, p. 1033. Type: *Acanthobrama marmid* Heckel.

\**Acanthobrama dumerili* (Bleeker).

*Pseudobrama dumerili* BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 60, Pl. VII, fig. 1. Yangtze?

Specimens examined from Anhwei.

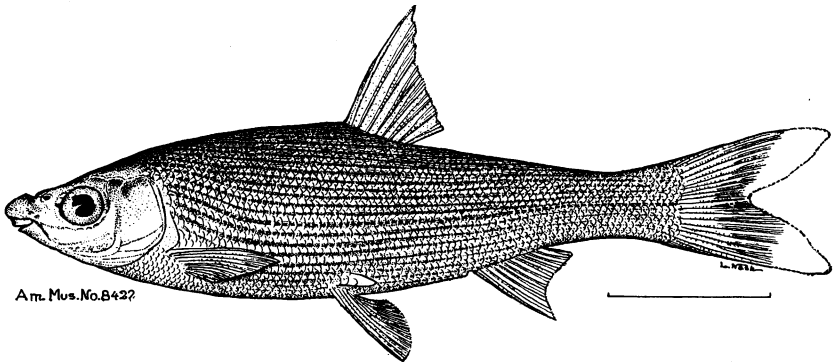


Fig. 16. *Xenocypris compressus*, type.

\**Acanthobrama simoni* BLEEKER, 1865, Ned. Tijd. Dierk., II, p. 25. China. Specimens examined from Tungting Lake (Hunan).

**CULTICULA** Abbott

ABBOTT, 1901, Proc. U. S. Nat. Mus., XXIII, p. 485. Type: *Culticula emmelas* Abbott.

*Culticula emmelas* ABBOTT, 1901, Proc. U. S. Nat. Mus., XXIII, p. 485, Fig. Chihli.

**APHYOCYPRIS** Günther

GÜNTHER, 1868, 'Cat.' VII, p. 201. Type: *Aphyocypris chinensis* Günther.

\**Aphyocypris chinensis* GÜNTHER, 1868, 'Cat.,' VII, p. 201. Chikiang. Tji-kiang (Gee). Specimen examined from S. Hupeh (by courtesy of the British Museum).

\**Aphyocypris kikuchii* (OSHIMA).

*Phoxiscus kikuchii* Oshima, 1919, Ann. Carn. Mus., XII, p. 226, Pl. LI, fig. 3. Formosa.

Specimen examined from Fukien.

\**Aphyocypris normalis* NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 376. Fig. 39. Hainan.

**HYPOPHTHALMICHTHYS** Bleeker

BLEEKER, 1860, Ich. Arch. Ind. Prodr., II, Cypr., p. 283, 405. Type: *Leuciscus molitrix* Cuvier and Valenciennes.

**Hypophthalmichthys microlepis** (STEINDACHNER).

*Abramocephalus microlepis* STEINDACHNER, 1869, Sitz.-ber. Akad. Wiss. Wien, LX, p. 302. China.

**\*Hypophthalmichthys molitrix** (CUVIER AND VALENCIENNES).

*Leuciscus molitrix* CUVIER AND VALENCIENNES, 1844, 'Hist. Nat. Poiss.,' XVII, p. 360. China.

Ningpo, Yangtze (Gee). Specimens examined from Tungting Lake (Hunan).

**\*Hypophthalmichthys nobilis** (RICHARDSON).

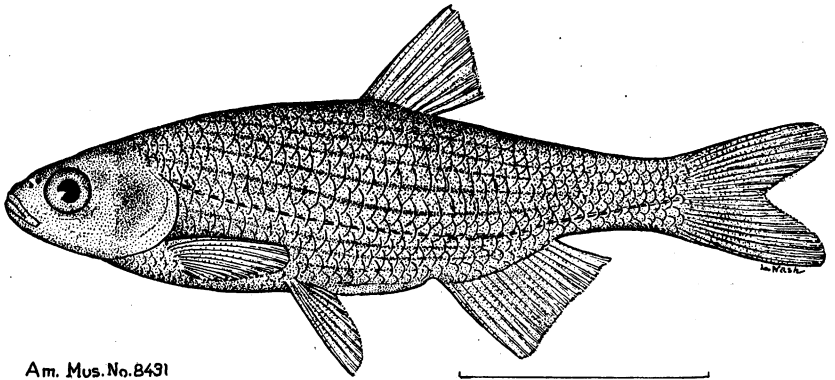
*Leuciscus nobilis* RICHARDSON, 1844, 'Voy. "Sulph.," Ichth.,' p. 140, Pl. LXIII, fig. 3. Canton; and 'Ichth. Chin.,' p. 295; attributed to Gray.

Ningpo, Shanghai, Yangtze (Gee). Yangtze at Hankau (Kreyenberg and Pappenheim). Specimens examined from near Canton.

**RASBORINUS** Oshima

OSHIMA, 1920, Proc. Acad. Phila., LXXII, p. 130. Type: *Rasborinus takakii* Oshima.

**\*Rasborinus fukiensis** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 6. Fukien.



Am. Mus. No. 8491

Fig. 17. *Rasborinus fukiensis*, type.

**\*Rasborinus hainanensis** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 377, Fig. 40. Hainan.

**HEMICULTERELLA** Warpachowski

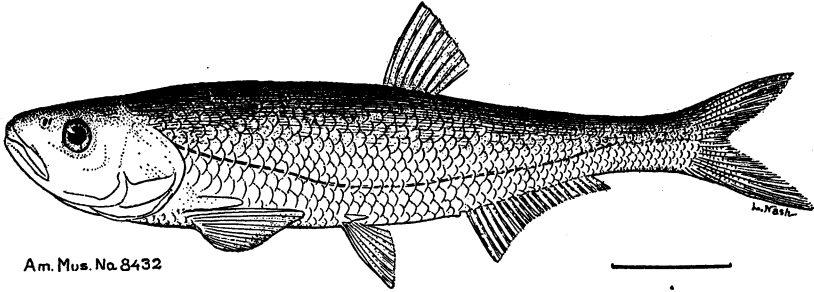
WARPACHOWSKI, 1888, Bull. Acad. Sci. St. P., XXXII, pp. 17-23. Type: *Hemiculterella sawagei* Warpachowski.

**Hemiculterella sawagei** WARPACHOWSKI, 1888, Bull. Acad. Sci. St. P., XXXII, p. 23. Western Szechwan.

**\*Hemiculterella engraulis** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 7. Tungting Lake.

**HEMICULTER** Bleeker

BLEEKER, 1859, Nat. Tijd. Ned.-Ind., XX, p. 432. Type: *Culter leucisculus* Basilewski.



Am. Mus. No. 8432

Fig. 18. *Hemiculterella engraulis*, type.

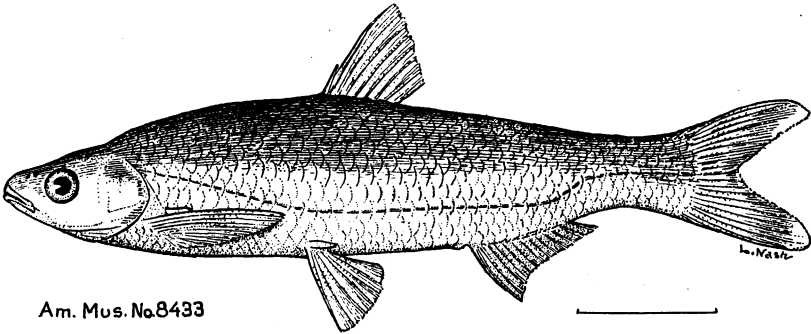
**(HEMICULTER)** Bleeker

BLEEKER, 1859, Nat. Tijd. Ned.-Ind., XX, p. 432. Type: *Culter leucisculus* Basilewski.

\***Hemiculter leucisculus** (BASILEWSKI).

*Culter leucisculus* BASILEWSKI, 1855, N. Mem. Soc. Nat. Mosc., X, p. 238. North China.

Shanghai, Chihli Prov., Yangtze (Gee). Specimens examined from Shansi.



Am. Mus. No. 8433

Fig. 19. *Hemiculter clupeoides*, type.

\***Hemiculter schrencki** WARPACHOWSKI, 1888, Bull. Acad. Sci. St. P., XXXII, p. 18. Fu-tschau.

Specimens examined from Fukien.

\***Hemiculter kneri** WARPACHOWSKI, 1888, Bull. Acad. Sci. St. P., XXXII, p. 18. Shanghai.

Specimens examined from Anhwei.

\***Hemiculter clupeoides** NICHOLS, 1925, Amer. Mus. Novitates, No. 182, p. 7. Tungting Lake.

**(PSEUDOHemiculter)** Nichols and Pope

NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 372. Type: *Hemiculter hainanensis* Nichols and Pope.

\***Hemiculter hainanensis** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 372, Fig. 36. Hainan.

\***Hemiculter dispar** PETERS, 1880, Monatb. Akad. Wiss. Berlin, p. 1035, Fig. 7. Hongkong.

Specimens examined from Fukien.

\***Hemiculter serracanthus** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 373, Fig. 37. Hainan.

**TOXABRAMIS** Günther

GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 249. Type: *Toxabramis swinhonis* Günther.

**Toxabramis argentifer** ABBOTT, 1901, Proc. Nat. Mus., XXIII, p. 484, Fig. Chihli.

**Toxabramis swinhonis** GÜNTHER, 1873, Ann. Mag. Nat. Hist., XII, p. 250. Shanghai.

**PARAPELECUS** Günther

GÜNTHER, 1889, Ann. Mag. Nat. Hist., IV, p. 227. Type: *Parapelecus argenteus* Günther.

**Parapelecus argenteus** GÜNTHER, 1889, Ann. Mag. Nat. Hist., IV, p. 227. Kiangsi.

\***Parapelecus fukiensis** NICHOLS, 1926, Amer. Mus. Novitates, No. 224, p. 7, Fig. 6. Fukien.

**Parapelecus machaerius** ABBOTT, 1901, Proc. Nat. Mus., XXIII, p. 488, Fig. Chihli.

\***Parapelecus nicholsi** (FOWLER).

*Chela nicholsi* FOWLER, 1923, Amer. Mus. Novitates, No. 83, p. 1. Anhwei.  
Specimens examined from Anhwei.

**PSEUDOLAUBUCA** Bleeker

BLEEKER, 1864, Ned. Tijd. Dierk., II, p. 28. Type: *Pseudolaubuca sinensis* Bleeker.

**Pseudolaubuca sinensis** BLEEKER, 1864, Ned. Tijd. Dierk., II, p. 29. China.

**ISCHIKAUIA** Jordan and Snyder

JORDAN AND SNYDER, 1900, Proc. U. S. Nat. Mus., XXIII, p. 346. Type: *Op-sariichthys steenackeri* Sauvage.

\***Ischikauia andrewsi** (NICHOLS).

*Hemiculter andrewsi* NICHOLS, 1918, Proc. Biol. Soc. Wash., XXXI, p. 17. Yunnan.

\***Ischikauia hainanensis** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 374, Fig. 38. Hainan.

\***Ischikauia transmontana** NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 7. Yunnan.

**ERYTHROCULTER** Berg

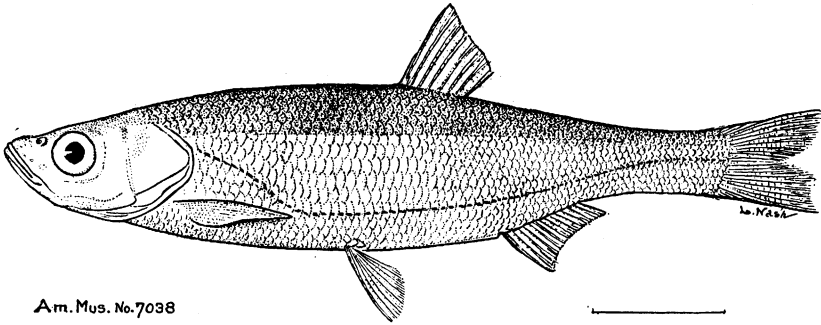
BERG, 1909, Mem. Acad. Sci. St. P., (8) XXIV, No. 4, p. 138. Type: *Culter erythropterus* Basilewski.

\***Erythroculter erythropterus** (BASILEWSKI).

*Culter erythropterus* BASILEWSKI, 1855, N. Mem. Soc. Nat. Mosc., X, p. 236, Pl. VIII, fig. 1. North China.

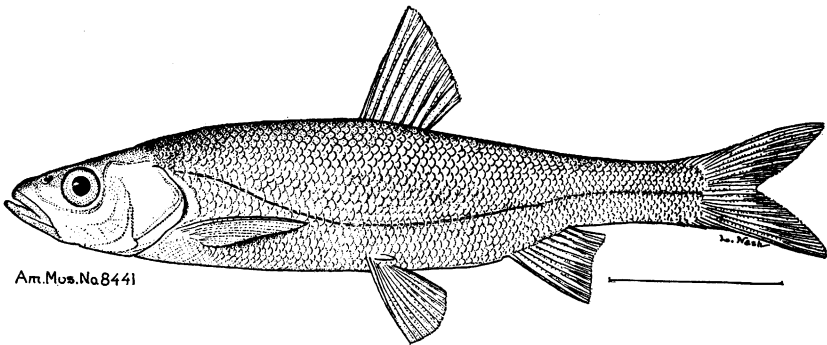
Chihli, North China (Gee). Specimen examined from Tungting Lake (Hunan).

\***Erythroculter mongolicus** (Basilewski).



Am. Mus. No. 7038

Fig. 20. *Ischikauia andrewsi*, type.



Am. Mus. No. 8441

Fig. 21. *Ischikauia transmontana*, type.

*Culter mongolicus* BASILEWSKI, 1855, M. Mem. Soc. Nat. Mosc., X, p. 237. North China.

Specimens examined from Tungting Lake (Hunan).

\***Erythroculter recurviceps** (RICHARDSON).

*Leuciscus recurviceps* RICHARDSON, 1845, 'Ich. Chin.,' p. 295. Canton.

Shanghai, Chihli, Canton (Gee). Specimens examined from Tungting Lake (Hunan).

**Erythroculter oxycephalus** (BLEEKER).

*Culter oxycephalus* BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 74, Pl. v, fig. 3. Yangtze.

**\*Erythroculter oxycephaloides** (KREYENBERG AND PAPPENHEIM).

*Culter oxycephaloides* KREYENBERG AND PAPPENHEIM, 1908, Sitzb. Ges. Nat. Fr. Berl., p. 104. Yangtze basin.

Specimens examined from Tungting Lake (Hunan).

**\*Erythroculter aokii** (OSHIMA).

*Culter aokii* OSHIMA, 1919, Ann. Carn. Mus., XII, p. 250, Pl. LII, fig. 1. Formosa. Specimen examined from Fukien.

**\*Erythroculter pseudobrevicauda** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 371, Fig. 35, Hainan.

**CULTER** Basilewski

BASILEWSKI, 1855, Nouv. Mem. Soc. Nat. Moscou, X, p. 236. Type: *Culter alburnus* Basilewski.

**Culter alburnus** BASILEWSKI, 1855, Nouv. Mem. Soc. Nat. Moscou, X, p. 236, Pl. VIII, fig. 3. North China.

**\*Culter brevicauda** GÜNTHER, 1868, 'Cat.,' VII, p. 329. Formosa.

Shanghai, Yangtze (Gee). Hainan (Oshima). Specimens examined from Anhwei.

**Culter tientsinensis** ABBOTT, 1901, Proc. U. S. Nat. Mus., XXIII, p. 489, Fig. Chihli.

**CHANODICHTHYS** Bleeker

BLEEKER, 1860, 'Prodr. Cypr.,' p. 400. Type: *Leptocephalus mongolicus* Basilewski.

**Chanodichthys mongolicus** (BASILEWSKI).

*Leptocephalus mongolicus* BASILEWSKI, 1855, Nouv. Mem. Soc. Nat. Mosc., X, p. 234, Pl. IV, fig. 2. North China.

**MEGALOBAMA** Dybowski

DYBOWSKI, 1872, Verh. Zool.-Bot. Gesell. Wien, XXII, p. 212. Type: *Megalobrama skolkovii* Dybowski = *Chanodichthys terminalis* (Richardson).

**\*Megalobrama macrops** (GÜNTHER).

*Chanodichthys macrops* GÜNTHER, 1868, 'Cat.,' VII, p. 326. Formosa.

Specimens examined from Fukien.

**\*Megalobrama melrosei** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 369, Fig. 34. Hainan.

**\*Megalobrama terminalis** (RICHARDSON).

*Abramis terminalis* RICHARDSON, 1846, Rept. XV Meet. Brit. Assoc., p. 294. Canton.

Specimens examined from Fukien.

**Megalobrama bramula** (Cuvier and Valenciennes).

*Leuciscus bramula* CUVIER AND VALENCIENNES, 'Hist. Nat. Poiss.,' XVII, p. 357. Chinese painting.

Ningpo, Yangtze, Canton (Gee). Specimens examined from Tungting Lake (Hunan), Anhwei.

**PARABRAMIS** Bleeker

BLEEKER, 1865, Ned. Tijds. Dierk., II, p. 21. Type: *Abramis pekinensis* Basilewski.



**\*Parabramis pekinensis** (BASILEWSKI).

*Abramis pekinensis* BASILEWSKI, 1855, N. Mem. Soc. Nat. Mosc., X, p. 238, Pl. VI, fig. 2. North China.

Chihli, Yangtze, N. China, Shanghai (Gee). Hainan (*Chanodichthys stenzi* Popta) (Oshima). Specimens examined from Tungting Lake (Hunan).

**RHODEUS** Agassiz

AGASSIZ, 1835, Mem. Soc. Nat. Neuf., I, p. 37. Type: *Cyprinus amarus* Bloch.

**\*Rhodeus maculatus** FOWLER, 1910, Proc. Acad. Phila., LXII, p. 476, Fig. Tien-tsin.

Specimens examined from Shansi, Anhwei, Fukien.

**\*Rhodeus sinensis** Günther, 1868, 'Cat.,' VII, p. 280. China.

Southern China (Berg). Specimens examined from Shansi; Shaohsing.

**Rhodeus spinalis** OSHIMA, 1926, Annot. Zool. Japon., XI, p. 16. Kachek River, Hainan.

**PSEUDOPERILAMPUS** Bleeker

BLEEKER, 1863, Ned. Tijd. Dierk., I, p. 214. Type: *Pseudoperilampus typus* Bleeker.

**\*Pseudoperilampus ocellatus** KNER.

*Pseudoperilampus* (?) *ocellatus* KNER, 1867, "Novara," Fische, p. 365, Pl. xv, fig. 6. Shanghai.

Shanghai, Yangtze (Berg). Yangtze at Pinghsiang (Kreyenberg and Pappenheim). Specimens examined from Anhwei; Szechwan; Fukien.

**\*Pseudoperilampus hainanensis** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 379, Fig. 42. Hainan.

**PARACHEILOGNATHUS** Bleeker

BLEEKER, 1863, Ned. Tijd. Dierk., I, p. 213. Type: *Capoeta rhombea* Temminck and Schlegel.

**Paracheilognathus bleekeri** BERG, 1907, Ann. Mag. Nat. Hist., (7) XIX, p. 162. Yangtze, Tientsin.

**Paracheilognathus imberbis** (GÜNTHER).

*Achilognathus imberbis* GÜNTHER, 1868, 'Cat.,' VII, p. 278. China.

Ningpo, Pei Ho, Tientsin (Gee).

**Paracheilognathus peihoensis** FOWLER, 1910, Proc. Acad. Phila., LXII, p. 481, Fig. 3. Tien-tsin. For *Acheilognathus imberbis* Abbott, not of Bleeker.

**ACHEILOGNATHUS** Bleeker

BLEEKER, 1859, Nat. Tijd. Ned.-Ind., XX, p. 427. Type: *Acheilognathus melanogaster* Bleeker.

**\*Acheilognathus gracilis** NICHOLS, 1926, Amer. Mus. Novitates, No. 214, p. 5, Fig. 5. Tungting Lake.

**\*Acheilognathus barbatulus** GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 248. Shanghai.

Specimens examined from Anhwei.

\***Acheilognathus barbatus** NICHOLS, 1926, Amer. Mus. Novitates, No. 214, p. 6, Fig. 6. Anhwei.

\***Acheilognathus himantegus** GÜNTHER.

*Achilognathus himantegus* GÜNTHER, 1868, 'Cat.,' VII, p. 277. Formosa. Specimens examined from Fukien.

#### ACANTHORHODEUS Bleeker

BLEEKER, 1870, Versl. Akad. Amst., (2) IV, p. 253. Type: *Acanthorhodeus macropterus* Bleeker.

**Acanthorhodeus elongatus** REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 356. Yunnan.

**Acanthorhodeus dicæus** RUTTER, 1898, Proc. Acad. Phila. for 1897, pp. 56-90. Swatow.

\***Acanthorhodeus atranalis** GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 248. Shanghai.

Specimens examined from Shaohsing.

**Acanthorhodeus hypselonotus** BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 43, Pl. XI, fig. 2. Yangtze.

Hankau, Yangtze (Kreyenberg and Pappenheim).

**Acanthorhodeus macropterus** BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 40, Pl. II, fig. 2. Yangtze?.

Yangtze, Ningpo (Gee).

\***Acanthorhodeus grahami** NICHOLS, 1918, Proc. Biol. Soc. Wash., XXXI, p. 18. Yunnan. [A synonym of *A. elongatus*.]

\***Acanthorhodeus tænianalis** GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 247. Shanghai.

Tungting (Kreyenberg and Pappenheim). Specimens examined from Shansi; Anhwei.

\***Acanthorhodeus guichenoti** Bleeker, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 41, Pl. XIII, fig. 2. Yangtze.

Specimens examined from Tungting Lake (Hunan); Anhwei.

\***Acanthorhodeus tonkinensis** VAILLANT, 1892, Bull. Soc. Phil. Paris, 1891-92, p. 127. Upper Tonking.

Specimens examined from Hainan.

#### HEMIBARBUS Bleeker

BLEEKER, 1859, 'Consp. Syst. Cyp.,' Nat. Tijd. Ned.-Ind., XX, p. 431. Type: *Gobio barbatus* Temminck and Schlegel.

**Hemibarbus dissimilis** BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 21, Pl. VI, fig. 1. Yangtze.

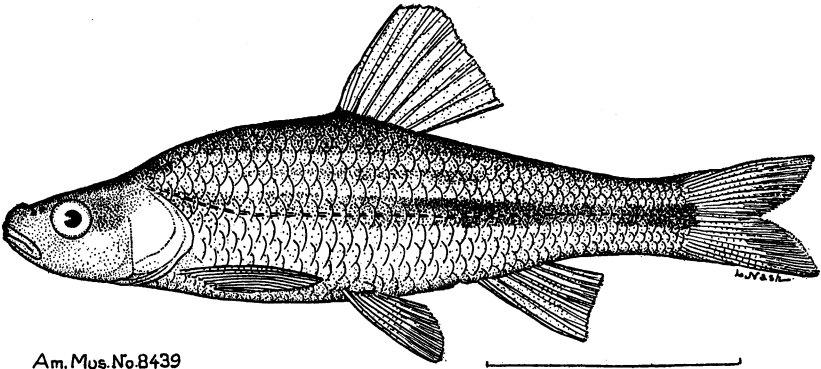
\***Hemibarbus labeo** (PALLAS).

*Cyprinus labeo* PALLAS, 1776, 'Reise,' III, pp. 207, 703. Upper Amur River.

Chefoo (Gee). Specimens examined from Chihli, Tungting Lake (Hunan), Anhwei, Fukien, Hainan Island.

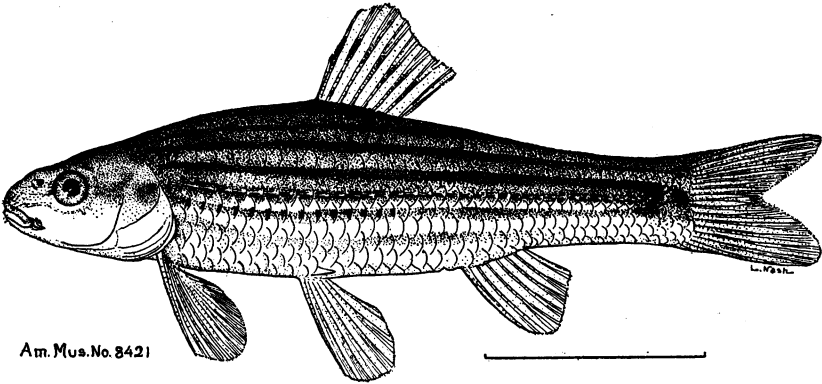
\***Hemibarbus maculatus** BLEEKER, 1871, Verh. Akad. Amst., Nat., XII, p. 19, Pl. IV, fig. 3. Yangtze.

Specimens examined from Tungting Lake (Hunan).



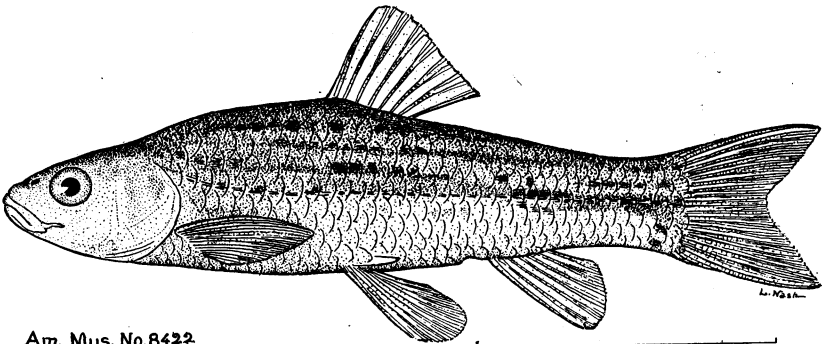
Am. Mus. No. 8439

Fig. 22. *Leucogobio imberbis*, type.



Am. Mus. No. 8421

Fig. 23. *Leucogobio polytaenia*, type.



Am. Mus. No. 8422

Fig. 24. *Leucogobio taniellus*, type.

**ACANTHOGOBIO** Herzenstein

HERZENSTEIN, 1892, Mel. Biol., XIII, p. 228. Type: *Acanthogobio guentheri* Herzenstein.

**Acanthogobio guentheri** HERZENSTEIN, 1892, Mel. Biol., XIII, p. 228  
Central Asia.,  
Southern Kansu (Günther).

**LEUCOGOBIO** Günther

GÜNTHER, 1896, Ann. Mus. Zool. St. P., I, p. 212. Type: *Leucogobio herzensteini* Günther.

**(PARALEUCOGOBIO)** Berg

BERG, 1907, Ann. Mag. Nat. Hist., (7) XIX, p. 163. Type: *Paraleucogobio notacanthus* Berg.

\***Leucogobio notacanthus** (BERG).

*Paraleucogobio notacanthus* BERG, 1907, Ann. Mag. Nat. Hist., (7) XIX, p. 163.  
N. E. of Pekin.

Specimens examined from Chihli.

**(LEUCOGOBIO)** Günther

GÜNTHER, 1896, Ann. Mus. Zool. St. P., I, p. 212. Type: *Leucogobio herzensteini* Günther.

**Leucogobio herzensteini** GÜNTHER, 1896, Ann. Mus. Zool., I, p. 213, Pl. II, fig. B. Southern Kansu.

\***Leucogobio imberbis** NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 6.  
Anhwei.

\***Leucogobio polytænia** NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 6.  
Shansi.

**Leucogobio tæniatus** GÜNTHER, 1896, Ann. Mus. Zool., I, p. 214, Pl. II, fig. A.  
Headwaters of the Yangtze.

\***Leucogobio tæniellus** NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 7.  
Fukien.

**GNATHOPOGON** Bleeker

BLEEKER, 1860, Nat. Tijd. Ned. Ind., XX, p. 435. Type: *Capoëta elongata* Temminck and Schlegel.

\***Gnathopogon argentatus** (SAUVAGE AND DABRY DE THIERSANT).

*Gobio argentatus* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, Art. 5, p. 9. Yangtze.

Specimens examined from Tungting Lake (Hunan).

\***Gnathopogon atromaculatus** NICHOLS and POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 351. Hainan.

\***Gnathopogon punctatus** NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 7. Fukien.

\***Gnathopogon wolterstorffi** (REGAN).

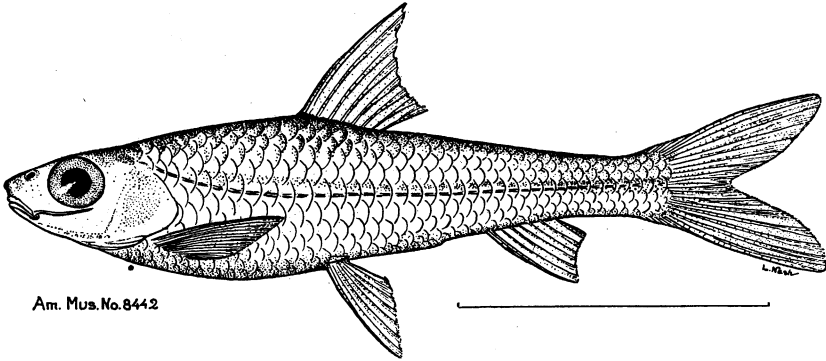
*Gobio wolterstorffi* REGAN, 1908, Ann. Mag. Nat. Hist., (8) I, p. 110, Pl. IV.  
Nankancho, near Tinghsiang.

Specimens examined from Chihli.

**GOBIO** Cuvier

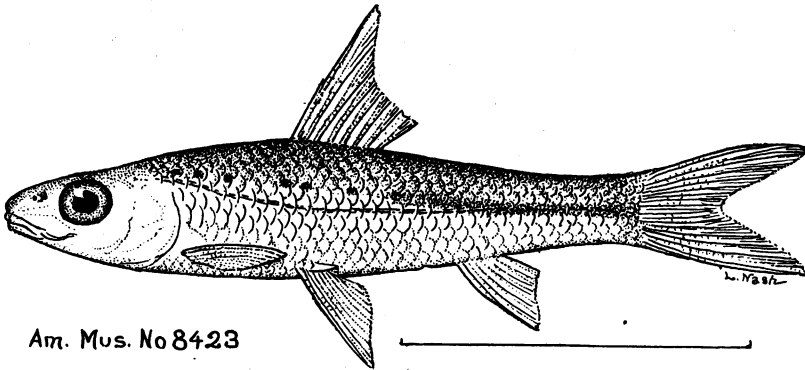
CUVIER, 1817, 'Règne Animal,' II, p. 193. Type: *Cyprinus gobio* Linnæus.

**Gobio nitens** GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 246. Shanghai.



Am. Mus. No. 8442

Fig. 25. *Gnathopogon atromaculatus*, type.



Am. Mus. No 8423

Fig. 26. *Gnathopogon punctatus*, type.

**Gobio nummifer** BOULENGER, 1901, Proc. Zoöl. Soc., pt. I, p. 269, Pl. xxiii, fig. 2. Ningpo.

**Gobio soldatovi** BERG.

*Gobio gobio* var. *soldatovi* BERG, 1914, 'Faune Russ., Poiss.,' III, pt. 2, p. 461, Fig. 63. Amur River.

\***Gobio soldatovi minus** NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 3. Shansi.

\***Gobio soldatovi soldatovi** BERG.

*Gobio gobio* var. *soldatovi* BERG, 1914, 'Faune Russ., Poiss.,' III, pt. 2, p. 461, Fig. 63. Amur River.

Specimens examined from Anhwei, Chihli.

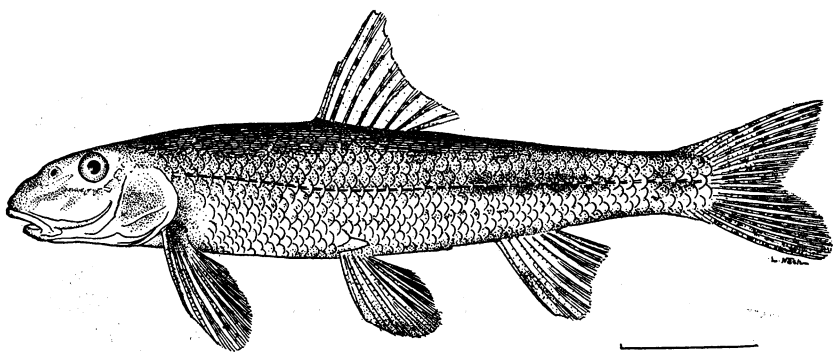
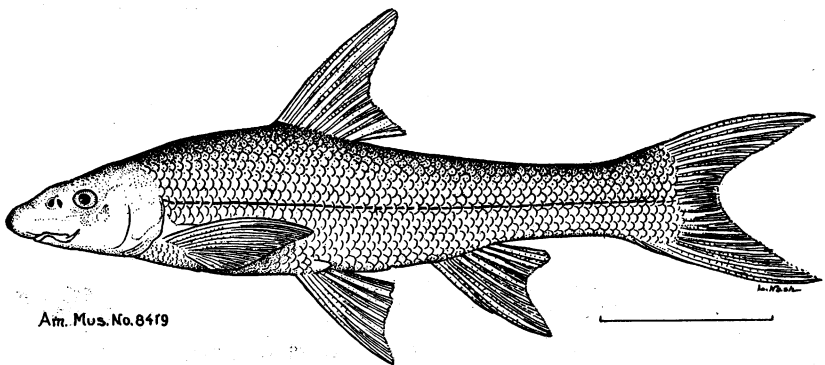
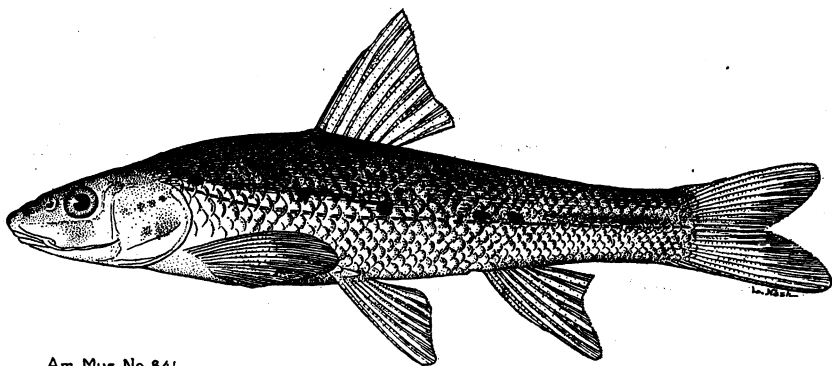


Fig. 27. *Gobio rivuloides*, 126 mm. standard length.



Am. Mus. No. 8419

Fig. 28. *Gobio longipinnis*, type.



Am. Mus. No. 841

Fig. 29. *Gobio coriparoides*, type.

\***Gobio rivuloides** NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 5. Shansi.

**Gobio vaillanti** (SAUVAGE).

*Rhinogobio vaillanti* SAUVAGE, 1878, Bull. Soc. Phil. Paris, II, p. 87. Eastern Kiangsi at 300 meters.

\***Gobio longipinnis** NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 5. Tungting Lake.

\***Gobio coriparoides** NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 4. Shansi.

### COREIUS Jordan and Starks

JORDAN AND STARKS, 1905, Proc. U. S. Nat. Mus., XXVIII, p. 197. Type: *Labeo cetopsis* Kner.

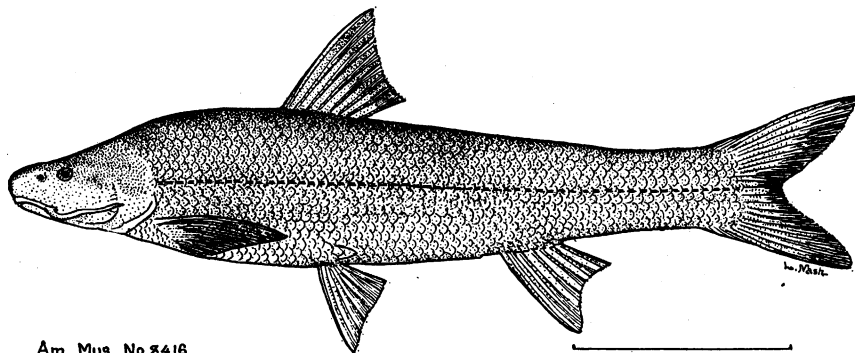
**Coreius cetopsis** (KNER).

*Labeo cetopsis* KNER, 1867, "Novara," Fische, p. 351, Pl. xv, fig. 2. Shanghai.

\***Coreius styani** (GÜNTHER).

*Pseudogobio styani* GÜNTHER, 1889, Ann. Mag. Nat. Hist., (6) IV, p. 224. Ki Kiang.

Specimens examined from Tungting Lake (Hunan).



Am. Mus. No. 3416

Fig. 30. *Coreius septentrionalis*, type.

\***Coreius septentrionalis** (NICHOLS).

*Coripareius septentrionalis* NICHOLS, 1925, Amer. Mus. Novitates, No. 181, p. 2. Yellow River.

Specimens examined from Paotou, Mongolia.

### AGENIGOBIO Sauvage

SAUVAGE, 1878, Bull. Soc. Phil. Paris, II, p. 87. Type: *Agenigobio halsoneti* Sauvage.

**Agenigobio halsoneti** SAUVAGE, 1878, Bull. Soc. Phil. Paris, II, p. 87. China.

### RHINOGOBIO Bleeker

BLEEKER, 1870, Versl. Akad. Amst., (2) IV, p. 253. Type: *Rhinogobio typus* Bleeker.

\***Rhinogobio cylindricus** GÜNTHER, 1888, Ann. Mag. Nat. Hist., (6) I, p. 432.

Specimens examined from Tungting Lake (Hunan).

\***Rhinogobio typus** BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 29, Pl. III, fig. 1. Yangtze?

Specimens examined from Tungting Lake (Hunan), Yenping.

#### **PSEUDOGOBIO** Bleeker

BLEEKER, 1860, 'Prodr. Cypr.,' p. 215. Type: *Gobio esocinus* Temminck and Schlegel.

#### (**ABBOTTINA**) Jordan and Fowler

JORDAN AND FOWLER, 1903, Proc. U. S. Nat. Mus., XXVI, p. 835. Type: *Abbottina psegma* Jordan and Fowler.

\***Pseudogobio rivularis** (BASILEWSKI).

*Gobio rivularis* BASILEWSKI, 1855, N. Mem. Soc. Nat. Mosc., X, p. 231. North China.

Specimens examined from Chihli; Shansi.

\***Pseudogobio sinensis** (KNER).

*Tylognathus sinensis* KNER, 1865-67, "'Novara," Reise,' I, Fische, p. 354, Pl. xv, fig. 5. Shanghai.

Specimens examined from Tungting Lake (Hunan); Shaohsing; Anhwei; Fukien.

#### (**PSEUDOGOBIO**) Bleeker

BLEEKER, 1860, 'Prodr. Cypr.,' p. 215. Type: *Gobio esocinus* Temminck and Schlegel.

\***Pseudogobio chinssuensis** NICHOLS, 1926, Amer. Mus. Novitates, No. 214, p. 3, Fig. 3. Shansi.

**Pseudogobio** (?) **filifer** GARMAN.

*Pseudogobio filifer* GARMAN, 1912, Mem. Mus. Comp. Zoöl., XL, p. 121. Hupeh; Changyanghsien, Yangtze.

\***Pseudogobio fukiensis** NICHOLS, 1926, Amer. Mus. Novitates, No. 224, p. 5, Fig. 4. Fukien.

**Pseudogobio kachekensis** OSHIMA, 1926, Annot. Zool. Japon., XI, p. 13. Kachek River, Hainan.

\***Pseudogobio tungtingensis** NICHOLS, 1926, Amer. Mus. Novitates, No. 214, p. 4, Fig. 4. Tungting Lake.

\***Pseudogobio labeoides** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 357, Fig. 23. Hainan.

**Pseudogobio chaoi** EVERMANN AND SHAW, 1927, Proc. Calif. Acad. Sci., XIV, p. 106. Nanking.

#### **SAUROGOBIO** Bleeker

BLEEKER, 1870, Versl. Akad. Amst., (2) IV, p. 253. Type: *Saurogobio dumerili* Bleeker.

\***Saurogobio drakei** (ABBOTT).

*Pseudogobio drakei* ABBOTT, 1901, Proc. Nat. Mus., XXIII, p. 486, Fig. Chihli. Specimens examined from Tungting Lake (Hunan).

\***Saurogobio productus** (PETERS).



*Pseudogobio productus* PETERS, 1880, M. B. Berl. Akad., p. 1035, Fig. 6 (head).  
Hongkong.

Specimens examined from Anhwei.

\***Saugobio dabryi** BLEEKER, 1871, Verh. Wet. Ak. Amst., Nat., XII, p. 27,  
Pl. v, fig. 1. Yangtze?

Specimens examined from Tungting Lake (Hunan).

**Saugobio guichenoti** SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci.  
Nat., (6) I, Art. 5, p. 10. Yangtze.

\***Saugobio dumerili** BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII,  
p. 25, Pl. I, fig. 1. Yangtze?

Specimens examined from Tungting Lake (Hunan).

### **SARCOCHEILICHTHYS** Bleeker

BLEEKER, 1859, Nat. Tijd. Ned.-Ind., XX, p. 435. Type: *Leuciscus variegatus*  
Temminck and Schlegel.

#### (**CHILGOBIO**) Berg

BERG, 1914, 'Faun. Russ., Poiss.,' III, pt. 2, p. 488. Type: *Chilogobio soldatovi*  
Berg.

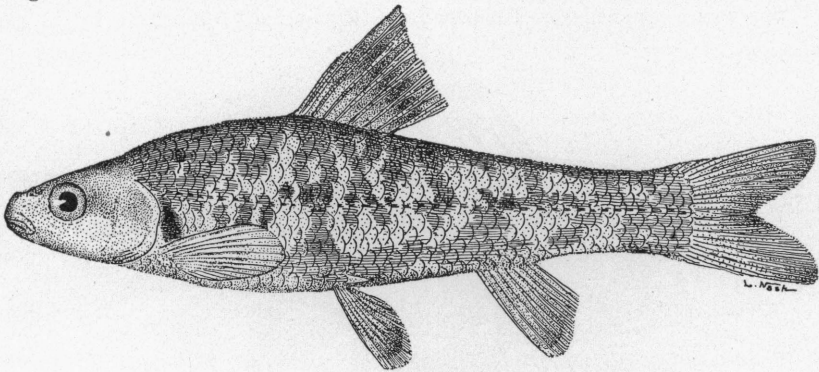


Fig. 31. *Sarcocheilichthys nigripinnis tungting*, 80 mm. standard length.

#### **Sarcocheilichthys imberbis** (SAUVAGE AND DABRY DE THIERSANT).

*Gobio imberbis* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6)  
I, Art. 5, p. 9. Southern Shensi.

#### **Sarcocheilichthys maculatus** (GÜNTHER).

*Pseudogobio maculatus* GÜNTHER, 1888, Ann. Mag. Nat. Hist., (6) I, p. 432.  
Yangtze.

\***Sarcocheilichthys hainanensis** NICHOLS AND POPE, 1927, Bull. Amer. Mus.  
Nat. Hist., LIV, p. 352, Fig. 21, Pl. xxvi, fig. 3. Hainan.

#### \***Sarcocheilichthys scaphignathus** (NICHOLS).

*Georgichthys scaphignathus* NICHOLS, 1918, Proc. Biol. Soc. Wash., XXXI, p.  
17. Fukien.

Specimens examined from Fukien.

**Sarcocheilichthys nigripinnis** (GÜNTHER).

*Gobio nigripinnis* GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 246.

\***Sarcocheilichthys nigripinnis nigripinnis** (GÜNTHER).

*Gobio nigripinnis* GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 246,

Shanghai.

Specimens examined from Anhwei.

**Sarcocheilichthys nigripinnis sciistius** (Abbott).

*Leuciscus sciistius* ABBOTT, 1901, Proc. U. S. Nat. Mus., XXIII, p. 487, Fig.

Tientsin.

\***Sarcocheilichthys nigripinnis tungting** NICHOLS AND POPE, 1927, Bull.

Amer. Mus. Nat. Hist., LIV, p. 354. Tungting Lake.

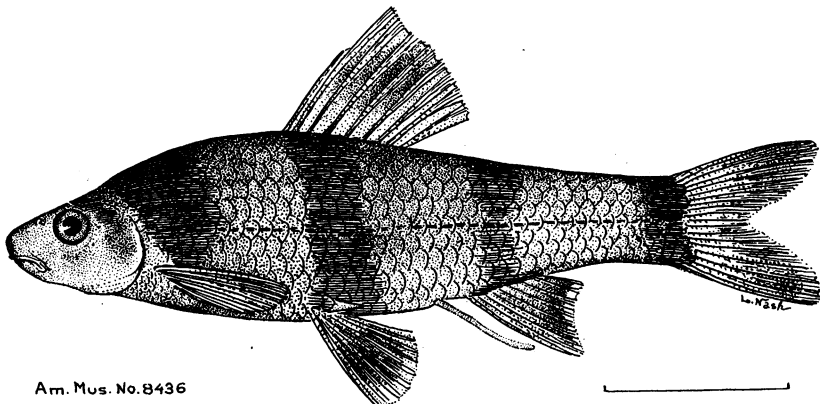
(**BARBODON**) Dybowski

DYBOWSKI, 1872, Verh. Zool. Bot. Ges. Wien, XXII, p. 216. Type: *Barbodon lacustris* Dybowski.

\***Sarcocheilichthys sinensis sinensis** BLEEKER.

*Sarcocheilichthys sinensis* BLEEKER, 1871, Verh. Akad. Wet. Amst., Nat., XII, p. 31. Pl. iv, fig. 2. Yangtze?

Specimens examined from Tungting Lake (Hunan), and Anhwei.



Am. Mus. No. 8436

Fig. 32. *Sarcocheilichthys sinensis fukiensis*, type.

\***Sarcocheilichthys sinensis fukiensis** NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 3. Fukien.

**COBITIDÆ**

**GOBIOBOTIA** Kreyenberg

KREYENBERG, 1911, Zool. Anz., XXXVIII, p. 417. Type: *Gobiobotia pappenheimi* Kreyenberg.

\***Gobiobotia pappenheimi** Kreyenberg, 1911, Zool. Anz., XXXVIII, p. 417, Figs. 1-3. China.

Specimens examined from Tungting Lake (Hunan).

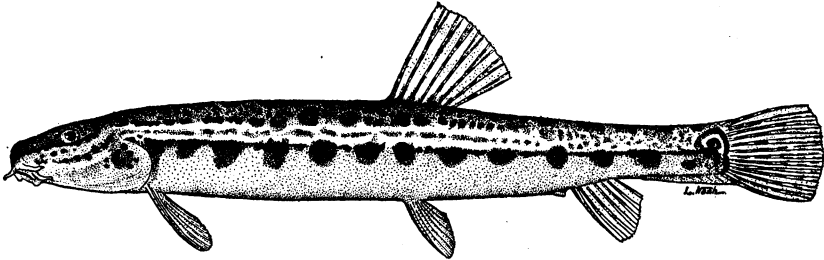
**COBITIS** Linnæus

LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 300. Type: *Cobitis tænia* Linnæus.

**Cobitis tænia** Linnæus, 1758, 'Syst. Nat.,' 10th Ed., p. 303. Europe.

\***Cobitis tænia dolichorhynchus** NICHOLS.

*Cobitis dolichorhynchus* NICHOLS, 1918, Proc. Biol. Soc. Wash., XXXI, p. 16. Fukien.



Am. Mus. No. 8403

Fig. 33. *Cobitis tænia melanoleuca*, type.

\***Cobitis tænia melanoleuca** NICHOLS, 1925, Amer. Mus. Novitates, No. 170, p. 3. Shansi.

\***Cobitis tænia sinensis** SAUVAGE AND DABRY DE THIERSANT.

*Cobitis sinensis* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., Zool., I, Art. 5, p. 16. Western Szechwan.

\***Cobitis macrostigma** DABRY DE THIERSANT, 1872, 'Pisc. Chin.,' Pl. XLIX, fig. 4. Lakes of Central China.

Specimens examined from Tungting Lake (Hunan).

**ACANTHOPSIS** Van Hasselt

VAN HASSELT, 1823, Allg. Konst. Lett., II, p. 133. Type: *Acanthopsis dialyzona* Van Hasselt.

**Acanthopsis lachnostoma** RUTTER, 1897, Proc. Ac. Phila., p. 60. Swatow.

**BOTIA** Gray

GRAY, 1831, 'Zool. Misc.,' 1831, p. 8. Type: *Botia almorhæ* Gray.

\***Botia citraurata** NICHOLS, 1925, Amer. Mus. Novitates, No. 177, p. 5. Tungting Lake.

**Botia pratti** GÜNTHER, 1892, in Pratt, 'Snows of Tibet, etc.,' p. 250, Pl. IV, fig. A. Szechwan.

\***Botia purpurea** NICHOLS, 1925, Amer. Mus. Novitates, No. 177, p. 4, Fig. 3. Tungting Lake.

\***Botia rubrilabris** (DABRY DE THIERSANT).

*Parabotia rubrilabris* DABRY DE THIERSANT, 1872, 'Pisc. Chin.,' Pl. XLIX, fig. 8. Yangtze.

Specimens examined from Tungting Lake (Hunan).

**Botia superciliaris** GÜNTHER, 1892, in Pratt, 'Snows of Tibet, etc.,' p. 250, Pl. IV, fig. B. Szechwan.

**LEPTOBOTIA** Bleeker

BLEEKER, 1870, Versl. Akad. Wet. Amst., (2) IV, p. 256. Type: *Botia elongata* Bleeker.

**Leptobotia elongata** (BLEEKER).

*Botia elongata* BLEEKER, 1870, Versl. Akad. Wet. Amst., IV, p. 254, Fig. Yangtze.

\***Leptobotia fasciata** (DABRY DE THIERSANT).

*Parabotia fasciatus* (Guichenot) DABRY DE THIERSANT, 1872, 'Pisc. Chin.,' Pl. XLIX, fig. 7. Yangtze.

Specimens examined from Tungting Lake (Hunan), Anhwei.

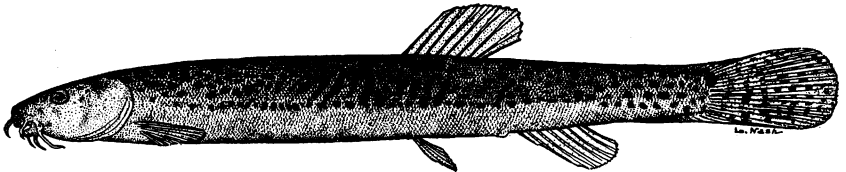
**MISGURNUS** Lacépède

LACÉPÈDE, 1803, 'Hist. Nat. Poiss.,' V, p. 16. Type: *Cobitis fossilis* Linnaeus.

**Misgurnus anguillicaudatus** (CANTOR).

*Cobitis anguillicaudata* CANTOR, 1842, Ann. Mag. Nat. Hist., IX, p. 485. Chusan.

Specimens examined from Chihli and Shansi.



Am. Mus. No. 8393

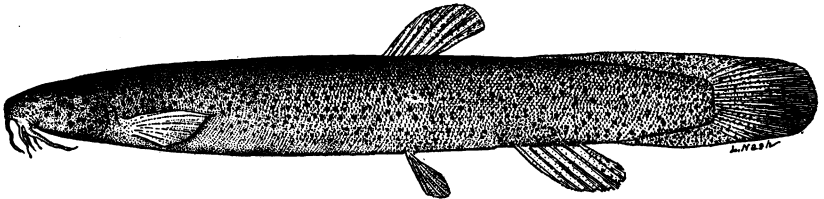
Fig. 34. *Misgurnus anguillicaudatus tungting*, type.

\***Misgurnus anguillicaudatus anguillicaudatus** (CANTOR).

*Cobitis anguillicaudata* CANTOR, 1842, Ann. Mag. Nat. Hist., IX, p. 485. Chusan.

Specimens examined from Anhwei, Fukien.

\***Misgurnus anguillicaudatus tungting** NICHOLS, 1925, Amer. Mus. Novitates, No. 169, p. 3. Tungting Lake.



Am. Mus. No. 8394

Fig. 35. *Misgurnus mizolepis fukien*, type.

**Misgurnus crossochilus** SAUVAGE, 1878, Bull. Soc. Philom. Pairs, p. 89. High mountains of Koaten.

**Misgurnus mizolepis** GÜNTHER, 1888, Ann. Mag. Nat. Hist., (6) I, p. 433. Yangtze.

\***Misgurnus mizolepis grangeri** NICHOLS, 1925, Amer. Mus. Novitates, No. 169, p. 5. Szechwan.

\***Misgurnus mizolepis hainan** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 336, Fig. 9, Pl. XXVI, fig. 1. Hainan.

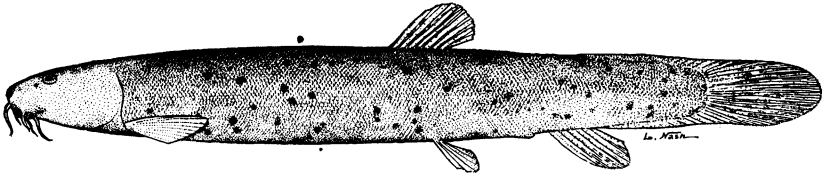
**Misgurnus mizolepis punctatus** OSHIMA.

*Misgurnus punctatus* OSHIMA, 1926, Annot. Zool. Japon., XI, p. 5. Kachek River, Hainan.

\***Misgurnus mizolepis fukien** NICHOLS, 1925, Amer. Mus. Novitates, No. 169, p. 4. Fukien.

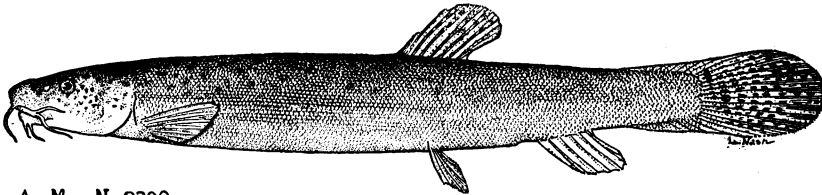
\***Misgurnus mizolepis mizolepis** GÜNTHER,

*Misgurnus mizolepis* GÜNTHER, 1888, Ann. Mag. Nat. Hist., (6) I, p. 433. Yangtze.



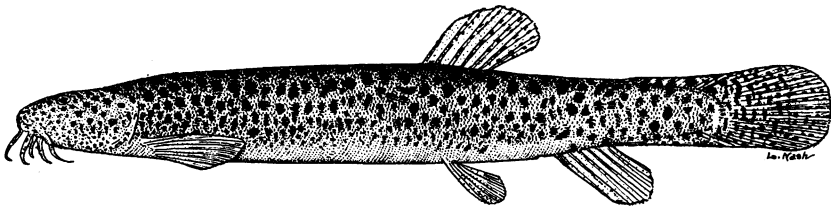
Am. Mus. No. 8395

Fig. 36. *Misgurnus mizolepis grangeri*, type.



Am. Mus. No. 8396

Fig. 37. *Misgurnus mohoity yunnan*, type.



Am. Mus. No. 8397

Fig. 38. *Misgurnus mohoity leopardus*, type.

Specimens examined from Tungting Lake (Hunan), Anhwei.

**Misgurnus mohoity** (DYBOWSKI).

*Cobitis fossilis* var. *mohoity* DYBOWSKI, 1869, Verh. Zool.-Bot. Gesell, Wien, XIX, p. 957. From east of Lake Baical.

\***Misgurnus mohoity yunnan** NICHOLS, 1925, Amer. Mus. Novitates, No. 169, p. 5. Yunnan.

\***Misgurnus mohoity leopardus** NICHOLS, 1925, Amer. Mus. Novitates, 1925, No. 169, p. 6. Tungting Lake.

#### PARAMISGURNUS Sauvage

SAUVAGE, 1878, Bull. Soc. Phil. Paris, (2) VII, p. 90. Type: *Paramisgurnus dabryanus* Sauvage.

**Paramisgurnus dabryanus** SAUVAGE, 1878, Bull. Soc. Philom. Paris, pp. 89 and 90. Attributed to Guichenot. Yangtze.

#### OREONECTES Günther

GÜNTHER, 1868, 'Cat.,' VII, p. 369. Type: *Oreonectes platycephalus* Günther.

**Oreonectes platycephalus** GÜNTHER, 1868, 'Cat.,' VII, p. 369.

#### NEMACHEILUS Van Hasselt

VAN HASSELT, 1823, 'Poiss. Jave,' Allg. Konst. Lett., II, p. 133. Type: *Cobitis fasciatus* Valenciennes.

#### (NEMACHEILUS) Van Hasselt

VAN HASSELT, 1823, 'Poiss. Jave,' Allg. Konst. Lett., II, p. 133. Type: *Cobitis fasciatus* Valenciennes.

\***Nemacheilus pulcher** NICHOLS AND POPE, 1926, Bull. Amer. Mus. Nat. Hist., LIV, p. 338, Fig. 10, Pl. xxvi, fig. 2. Hainan.

#### (YUNNANILUS) Nichols

NICHOLS, 1925, Amer. Mus. Novitates, No. 171, p. 1. Type: *Nemacheilus pleurotænia* Regan.

\***Nemacheilus nigromaculatus** REGAN.

*Nemachilus nigromaculatus* REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIII, p. 192. Yunnan.

Specimen examined from Yunnan.

\***Nemacheilus pleurotænia** REGAN.

*Nemachilus pleurotænia* REGAN, 1904, Ann. Mag. Nat. Hist., (7) XIII, p. 192. Yunnan.

Specimens examined from Yunnan.

**Nemacheilus salmonides** CHAUDHURI.

*Nemachilus salmonides* CHAUDHURI, 1912, Rec. Ind. Mus., VI, p. 18, Pl. i, figs. 3, 3a. Yunnan.

#### LEFUA Herzenstein

HERZENSTEIN, 1888, 'Wiss. Res. Przewalski Reis., Zool.,' III, pt. 2, No. 1, p. 3. Type: *Octonema pleskei* Herzenstein.

\***Lefua costata** (KESSLER).

*Diplophysa costata* KESSLER, 1876, in Prejevalsky's 'Mongolia,' II, pt. 4, p. 29, Fig. 4. Dalai Nor.

Specimens examined from Chihli, Shansi.

\***Lefua andrewsi** FOWLER, 1922, Amer. Mus. Novitates, No. 38, p. 1. Chihli.

Specimens examined from Chihli, Shansi.

**BARBATULA** Linck

LINCK, 1790, Mag. Nuestr. Phys. Nat. Gotha, p. 38. Type: *Cobitis barbatula* Linnaeus.

**(BARBATULA)** Linck

LINCK, 1790, Mag. Nuestr. Phys. Nat. Gotha, p. 38. Type: *Cobitis barbatula* Linnaeus.

**Barbatula bleekeri** (SAUVAGE AND DABRY DE THIERSANT).

*Nemachilus bleekeri* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., I, No. 5, p. 15. Yenkiatsoun, western Shensi.

**Barbatula (?) dabryi** (SAUVAGE).

*Oreias dabryi* SAUVAGE, 1874, Journ. and Mag. Zool., II, p. 334. Eastern Tibet. China (Sauvage and Dabry de Thiersant).

**Barbatula (?) livida** (SAUVAGE AND DABRY DE THIERSANT).

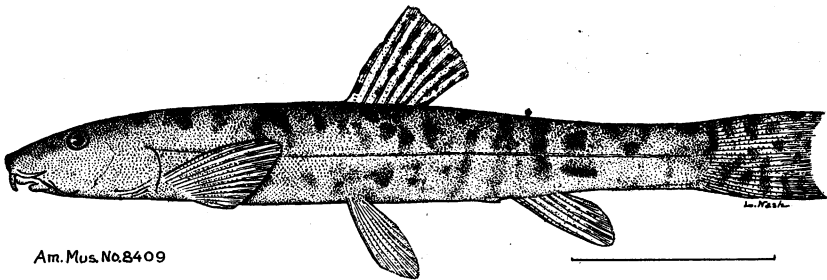
*Nemachilus lividus* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., I, No. 5, p. 15. China.

**Barbatula robusta** (KESSLER).

*Nemachilus robustus* KESSLER, 1876, in Prejevalsky's 'Mongolia,' II, pt. 4, p. 32. Kansu.

**Barbatula toni** (DYBOWSKI).

*Cobitis toni* DYBOWSKI, 1869, Verh. Zool.-Bot. Gesell. Wien, XIX, p. 597, Pl. XVIII, fig. 10. Transbaikalia.



Am. Mus. No. 8409

Fig. 39. *Barbatula toni fowleri*, type.

\***Barbatula toni fowleri** NICHOLS, 1925, Amer. Mus. Novitates, No. 171, p. 3. Chihli.

\***Barbatula toni posteroventralis** NICHOLS, 1925, Amer. Mus. Novitates, No. 171, p. 4. Shansi.

**Barbatula yarkandensis** (Day).

*Nemacheilus yarkandensis* DAY, 1876, Proc. Zool. Soc. London, p. 796. Yarkand.

\***Barbatula yarkandensis sellæfer** NICHOLS, 1925, Amer. Mus. Novitates, No. 171, p. 4. Shansi.

\***Barbatula stoliczkai** (STEINDACHNER).

*Cobitis stoliczkai* STEINDACHNER, 1866, Verh. Zool.-Bot. Gesell. Wien, XVI, p. 793, Pl. XIV, fig. 2. Central Asia.

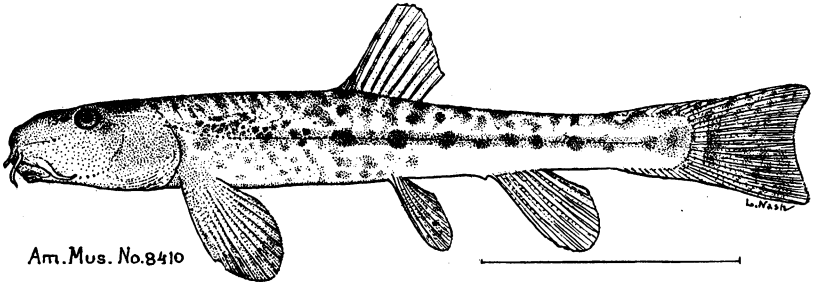
Specimens examined from Shansi.

**Barbatula (?) variegata** (SAUVAGE AND DABRY DE THIERSANT).

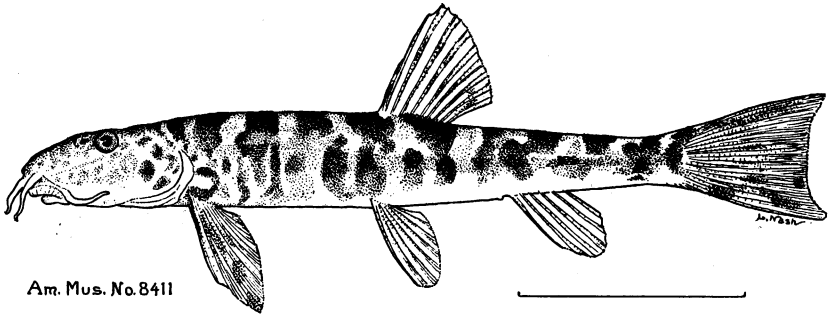
*Nemachilus variegatus* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., I, No. 5, p. 14; credited to Dabry de Thiersant. China.

**Barbatula grahami** (REGAN).

*Nemachilus grahami* REGAN, 1906, Ann. Mag. Nat. Hist., (7) XVII, p. 333. Yunnan fu.



Am. Mus. No. 8410

Fig. 40. *Barbatula toni posteroventralis*, type.

Am. Mus. No. 8411

Fig. 41. *Barbatula yarkandensis sellæfer*, type.**(HOMATULA)** Nichols

NICHOLS, 1925, Amer. Mus. Novitates, No. 171, p. 2. Type: *Nemachilus potanini* Günther.

**Barbatula berezowskii** GÜNTHER.

*Nemachilus berezowskii* GÜNTHER, 1896, Ann. Mus. Zool. St. P., p. 217, Pl. II, fig. C. Hui-hsien, Kansu.

**\*Barbatula potanini** (GÜNTHER).

*Nemachilus potanini* GÜNTHER, 1896, Ann. Mus. Zool. St. P., pt. I, p. 218. River Ya.

Specimens examined from Szechwan.

**Barbatula oxygnathus** (REGAN).

*Nemachilus oxygnathus* REGAN, 1908, Ann. Mag. Nat. Hist., (8) II, p. 357. Yunnan fu.



**HOMALOPTERA** Van Hasselt

VAN HASSELT, 1823, Poiss. Jave Allg. Konst. Lett., II, p. 130. Type: *Homaloptera fasciata* Van Hasselt.

**(HOMALOPTERA)** Van Hasselt

VAN HASSELT, 1823, 'Poiss. Jave.' Allg. Konst. Lett., II, p. 130. Type: *Homaloptera fasciata* Van Hasselt.

\***Homaloptera fasciolata** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 339, Fig. 11. Hainan. [Belongs in *Homatula*, p. 46.]

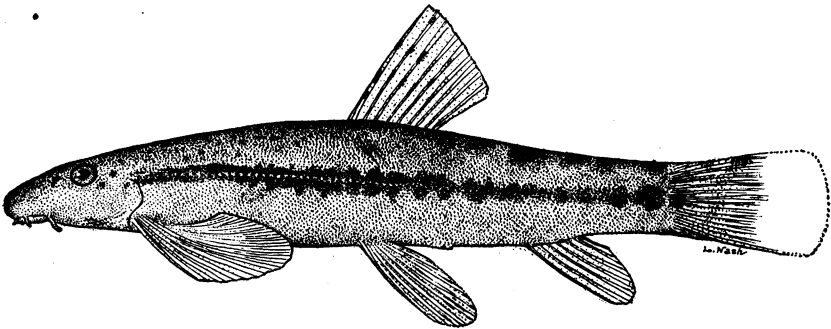
**Homaloptera sinensis** (SAUVAGE AND DABRY DE THIERSANT).

*Psilorhynchus sinensis* SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, Art. 5, p. 14. Szechwan.

**(OCTONEMA)** Martens

MARTENS, 1868, Monatb. Ak. Wiss. Berl. for 1868, p. 608. Type: *Homaloptera rotundicauda* Martens.

**Homaloptera rotundicauda** MARTENS, 1868, Monatb. Ak. Wiss. Berl. for 1868, p. 608. Hongkong.  
Hongkong (Gee).



Am. Mus. No. 8413

Fig. 42. *Homaloptera caldwelli*, type.

**(HOMALOSOMA)** Boulenger

BOULENGER, 1901, Proc. Zoöl. Soc., pt. 1, p. 270, Pl. xxiii, fig. 3. Type: *Homalosoma stenosoma* Boulenger.

**Homaloptera stenosoma** (BOULENGER).

*Homalosoma stenosoma* BOULENGER, 1901, Proc. Zoöl. Soc., pt. 1, p. 270, Pl. xiii, fig. 3. Ningpo.

\***Homaloptera caldwelli** NICHOLS, 1925, Amer. Mus. Novitates, No. 172, p. 1. Fukien.

**LEPTURICHTHYS** Regan

REGAN, 1911, Ann. Mag. Nat. Hist., (8) VIII, p. 31. Type: *Homaloptera fimbriata* Günther.

\***Lepturichthys fimbriata** (GÜNTHER).

*Homaloptera fimbriata* GÜNTHER, 1888, Ann. Mag. Nat. Hist., (6) I, p. 433. Yangtze.

Specimens examined from Tungting Lake (Hunan).

#### CROSSOSTOMA Sauvage

SAUVAGE, 1876-79, Bull. Soc. Phil. Paris, p. 88. Type: *Crossostoma davidi* Sauvage.

\**Crossostoma davidi* SAUVAGE, 1876-79, Bull. Soc. Phil. Paris, p. 88. Fukien. Specimens examined from Fukien.

\**Crossostoma fascicauda* NICHOLS, 1926, Amer. Mus. Novitates, No. 224, p. 2, Fig. 2. Fukien.

\**Crossostoma stigmata* NICHOLS, 1926, Amer. Mus. Novitates, No. 224, p. 4, Fig. 3. Fukien.

#### HEMIMYZON Regan

REGAN, 1911, Ann. Mag. Nat. Hist., (8) VIII, p. 32. Type: *Homaloptera formosana* Boulenger.

#### (PSEUDOGASTROMYZON) Nichols

NICHOLS, 1925, Amer. Mus. Novitates, No. 167, p. 1. Type: *Hemimyzon zebroidus* Nichols.

\**Hemimyzon zebroidus* NICHOLS, 1925, Amer. Mus. Novitates, No. 167, p. 1. Fukien.

#### GASTROMYZON Günther

GÜNTHER, 1874, Ann. Mag. Nat. Hist., XIV, p. 454. Type: *Gastromyzon borneensis* Günther.

\**Gastromyzon leveretti* NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 340, Fig. 12. Hainan.

#### CYPRINODONTIDÆ

#### APLOCHEILUS McClelland

McCLELLAND, 1839, 'Ind. Cyprin.,' p. 301. Type: *Aplocheilus melastigmus* McClelland.

#### (ORYZIAS) Jordan and Snyder

JORDAN AND SNYDER, 1906, Proc. U. S. Nat. Mus., XXXI, p. 289, Type: *Pæcilia latipes* Temminck and Schlegel.

\**Aplocheilus curvinotus* NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 380, Fig. 43. Hainan.

\**Aplocheilus latipes* (TEMMINCK AND SCHLEGEL).

*Pæcilia latipes* TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 224, Pl. CIII, fig. 5. Japan.

Specimens examined from Szechwan, ?, Chihli.

#### (PANCHAX) Cuvier and Valenciennes

CUVIER AND VALENCIENNES, 1846, 'Hist. Nat. Poiss.,' XVIII, p. 380. Type: *Panchax buchanani* Cuvier and Valenciennes, equals *Esox panchax* Hamilton-Buchanan.

**Aplocheilus rubropunctatus** STEINDACHNER.

*Haplochilus (Panchax) rubropunctatus* STEINDACHNER, 1867, Sitzb. (Math.-Nat.) Akad. Wien, LVI, p. 345. China and Ceylon.

**HEMIRAMPHIDÆ****HYPORHAMPHUS** Gill

GILL, 1860, Proc. Acad. Phila. for 1859, p. 131. Type: *Hyporhamphus tricuspidatus* Gill.

**\*Hyporhamphus sinensis** (GÜNTHER).

*Hemirhamphus sinensis* GÜNTHER, 1866, 'Cat. Fishes,' VI, p. 265. China. Specimens examined from Tungting Lake (Hunan).

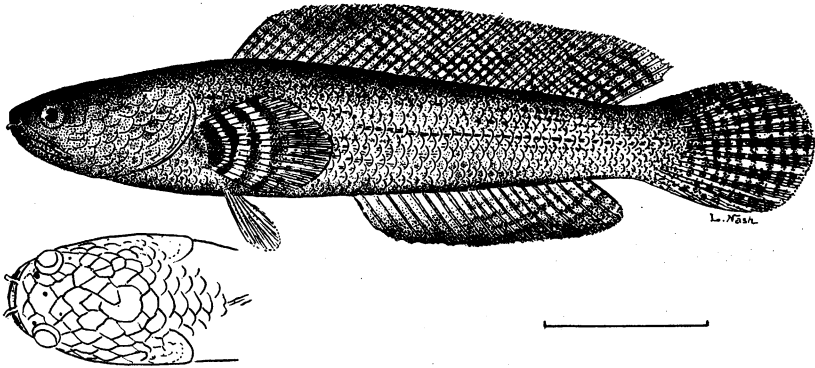
**GASTEROSTEIDÆ****PYGOSTEUS** Gill

GILL, 1862, 'Cat. Fish. East Coast N.A.,' Proc. Acad. Phila. for 1861, Suppl., p. 39. Name only (credited to Brevoort). 1865, Canadian Nat., II, p. 8. Type: *Gasterosteus occidentalis* Cuvier and Valenciennes = *Gasterosteus pungitius* Linnæus.

**Pygosteus sinensis** (GUICHENOT).

*Gasterosteus sinensis* GUICHENOT, 1869, Nouv. Arch. Mus. Hist. Nat. Paris, V, p. 204, Pl. XII, fig. 4. China (?Yangtze).

Chihli, Yangtze (Reeves, 1927).

**OPHICEPHALIDÆ****OPHICEPHALUS** Bloch

BLOCH, 1793, 'Ausl. Fische,' VII, p. 137. Type: *Ophicephalus punctatus* Bloch.

**\*Ophicephalus gachua** CANTOR, 1842, Ann. Mag. Nat. Hist., IX, p. 484.

Fig. 43. *Ophicephalus gachua*, 100 mm. standard length.

Specimens examined from Yunnan and Anhwei.

**\*Ophicephalus maculatus** (LACÉPÈDE).

*Bostrychus maculatus* LACÉPÈDE, 1802, 'Hist. Nat. Poiss.,' III, pp. 140, 143. No locality.

Specimens examined from Tungting Lake (Hunan), Fukien, Hainan.

**Ophicephalus striatus** BLOCH, 1793, 'Ausl. Fische,' VII, p. 141, Pl. CCCLIX. Malabar.

South China (Gee).

**Ophicephalus aspiotus** SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, p. 4. China.

\***Ophicephalus gachua** HAMILTON-BUCHANAN.

*Ophiocephalus gachua* HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' p. 68. Ganges River.

Specimens examined from Hainan Island.

**Ophicephalus marulius** HAMILTON-BUCHANAN.

*Ophiocephalus marulius* HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' pp. 65, 367, Pl. XVII, fig. 19. Ganges River.

Generally credited to China. Yangtze; Kiangsu (*O. grandiosus* Cuvier and Valenciennes, Reeves, 1927).

### CHANNA Scopoli

*Channa* (Gronow, 1763, 'Zoophylaceum) SCOPOLI, 1777, Int. Hist. Nat., p. 459. Type: *Channa orientalis* Bloch and Schneider.

\***Channa ocellata** PETERS, 1864, Monatber. Acad. Wiss. Berl., p. 384. China.

Swatow, Yenping (Gee). Specimens examined from Tungting Lake (Hunan), Anhwei, Fukien, Hainan Island.

### OSPHRONEMIDÆ

#### Macropodus Lacépède

LACÉPÈDE, 1802, 'Hist. Nat. Poiss.,' III, p. 416. Type: *Macropodus viridiauratus* Lacépède.

\***Macropodus opercularis** (LINNÆUS).

*Labrus opercularis* LINNÆUS, 1788, Amoen. Acad., IV, p. 428. China.

Ningpo, Shanghai, Chihli (Gee). Specimens examined from Tunting Lake (Hunan), Anhwei.

\***Macropodus viridiauratus** LACÉPÈDE, 1802, 'Hist. Nat. Poiss.,' III, p. 416. China.

Specimens examined from Fukien, Hainan Island.

#### OSPHRONEMUS Lacépède

LACÉPÈDE, 1802, 'Hist. Nat. Poiss.,' III, p. 116. Type: *Osphronemus goramy* Lacépède.

**Osphronemus goramy** LACÉPÈDE, 1802, 'Hist. Nat. Poiss.,' III, pp. 116 and 117. East Indies.

Generally credited to China.

### ANABANTIDÆ

#### ANABAS Cuvier

CUVIER, 1817, 'Règne Animal,' (1st Ed.) II, p. 339. Type: *Perca scandens* Daldorff.

**Anabas scandens** (DALDORFF).

*Perca scandens* DALDORFF, 1797, Trans. Linn. Soc. Lond., III, p. 62. Tranquebar. Haiho, Hainan (Oshima).

### AMBASSIDÆ

#### AMBASSIS Cuvier and Valenciennes

CUVIER AND VALENCIENNES, 1828, 'Hist. Nat. Poiss.,' II, p. 175. Type: *Centroponus ambassis* Lacépède (*Ambassis commersoni* Cuvier and Valenciennes).

***Ambassis gymnocephalus* (LACÉPÈDE).**

*Luljanus gymnocephalus* Lacépède, 1802, 'Hist. Nat. Poiss.,' III, Pl. xxiii, fig. 3. Sumatra.

Kachek River, Hainan (Oshima).

### SERRANIDÆ

#### LATES Cuvier and Valenciennes

CUVIER AND VALENCIENNES, 1828, 'Hist. Nat. Poiss.,' II, p. 88. Type: *Perca nilotica* Linnæus.

***Lates calcarifer* (BLOCH).**

*Holocentrus calcarifer* BLOCH, 1785, 'Ichthyologie,' Pl. ccxlv. "Japan" (text, 1790, IV, p. 101).

Kachek River, Hainan (Oshima).

#### LATEOLABRAX Bleeker

BLEEKER, 1857, Verh. Batav. Gen., XXVI, p. 53. Type: *Labrax japonicus* Cuvier and Valenciennes.

***Lateolabrax japonicus* (CUVIER AND VALENCIENNES).**

*Labrax japonicus* CUVIER AND VALENCIENNES, 1828, 'Hist. Nat. Poiss.,' II, p. 85. Japan.

Ningpo, Shanghai, Chinwangtao (Gee). Specimens examined from Fukien.

#### SINIPERCA Gill

GILL, 1862, Proc. Acad. Phila., p. 16. Type: *Perca chuatsi* Basilewski.

***Siniperca chuatsi* (BASILEWSKI).**

*Perca chuatsi* BASILEWSKI, 1855, N. Mem. Soc. Nat. Mosc., X, Pl. II, fig. 1. North China.

Specimens examined from Anhwei.

***Siniperca chuatsi* (BASILEWSKI).**

*Perca chuatsi* BASILEWSKI, 1855, N. Mem. Soc. Nat. Mosc., X, p. 218, Pl. I, fig. 1. North China.

Specimens examined from Anhwei, Tungting Lake (Hunan), Fukien.

***Siniperca scherzeri* STEINDACHNER, 1892, Anzg. Ac. Wien, XXIX, p. 130; Denks. Akad. Wien, LIX, pt. 1, p. 357, Pl. I, fig. 1. Yangtze.**

Specimens examined from Tungting Lake (Hunan).

**COREOPERCA** Herzenstein

HERZENSTEIN, 1896, Ann. Ac. St. Pet., p. 11. Type: *Coreoperca herzi* Herzenstein.

*Coreoperca herzi* HERZENSTEIN, 1896, Ann. Ac. St. Pet., p. 11. Korea. North China (Reeves, 1927).

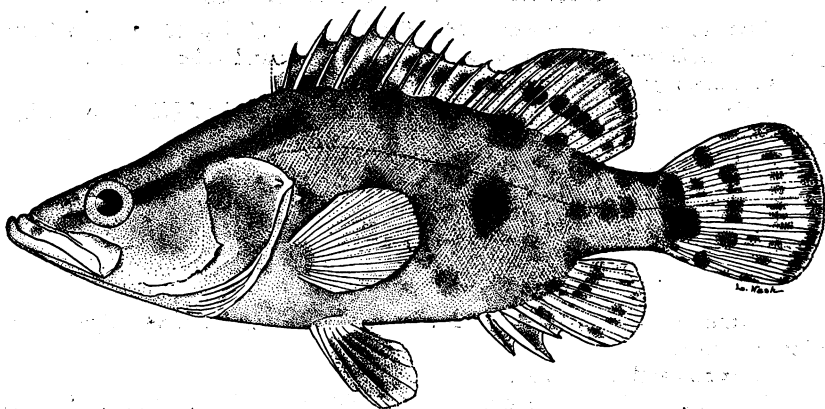


Fig. 44. *Siniperca chuatsi*, 110 mm. standard length.

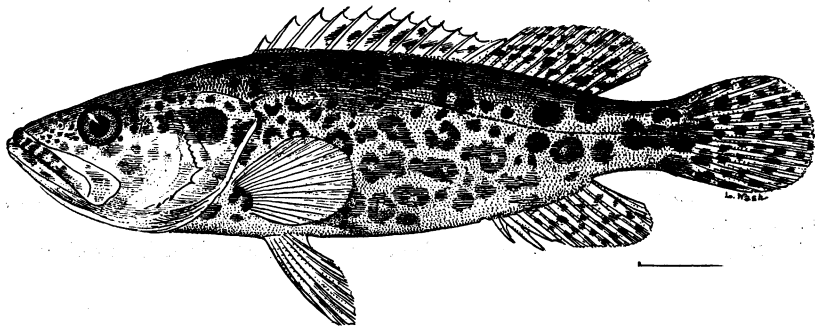


Fig. 45. *Siniperca scherzeri*, from Tungting Lake.

\**Coreoperca whiteheadi* BOULENGER, 1899, Proc. Zoöl. Soc. London, pt. 2. p. 960: Hainan.  
Specimens examined from Hainan.

**EPINEPHELUS** Bloch

BLOCH, 1793, 'Nat. Ausl. Fische,' VII, p. 11. Type: *Epinephelus marginalis* Bloch, equals *Perca fasciata* Forskål.

\**Epinephelus susuki* (CUVIER AND VALENCIENNES).  
*Plectropoma susuki* CUVIER AND VALENCIENNES, 1828, 'Hist. Nat. Poiss.,' II, p. 404. Japan.

*Plectropoma susuki* Temminck and Schlegel, 1847, 'Fauna Japonica,' p. 11, Pl. iv, fig. 1. Japan.

Specimens examined from Anhwei.

### TETRAODONTIDÆ

#### TETRAODON Linnæus

LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 332. Type: *Tetraodon lineatus* Linnæus.

\***Tetraodon ocellatus** LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 333. (after *Diodon ocellatus* Osbeck).

Pei Ho, Tientsin (Gee). Specimens examined from Anhwei, Fukien.

### COTTIDÆ

#### COTTUS Linnæus

LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 264. Type: *Cottus gobio* Linnæus.

**Cottus pæcilopus** HECKEL, 1836, Ann. Wien Mus., II, p. 145, Pl. VIII, figs. 1-2. Europe.

North China (Gee, as *C. gobio*).

### GOBIIDÆ

#### ELEOTRIS Gronow

GRONOW, 1763, 'Zoophylaceum,' p. 83. BLOCH AND SCHNEIDER, 1801. Type: *Gobius pisonis* Gmelin.

\***Eleotris balia** JORDAN AND SEALE, 1906, Proc. U. S. Nat. Mus., XXIX. China, probably Hongkong.

Specimens examined from Fukien.

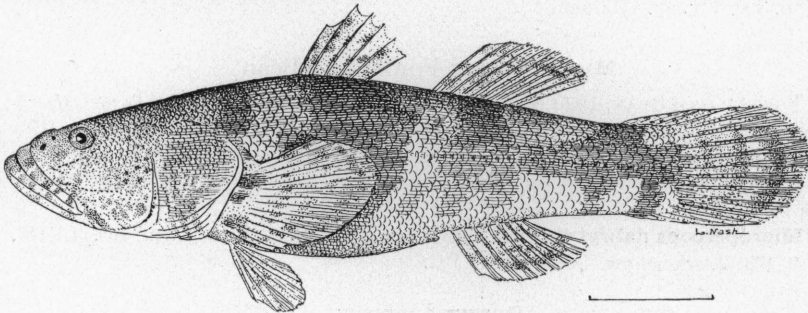


Fig. 46. *Eleotris potamophila*, 135 mm. standard length.

**Eleotris davidi** SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, Art. 5, p. 3. Ningpo.

**Eleotris oxycephala** TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 149, Pl. LXXVII, figs. 4, 5. Japan.

Hainan (Oshima).

\***Eleotris potamophila** GÜNTHER, 1861, 'Cat.,' III, p. 557. Yangtze. Chikiang

Shanghai (Gee). Specimens examined from Tungting Lake (Hunan), Anhwei:

\***Eleotris swinhonis** GÜNTHER, 1873, Ann. Mag. Nat. Hist., (4) XII, p. 242.

Shanghai.

Specimens examined from Anhwei.

**Eleotris xanthi** GÜNTHER, 1888, Ann. Mag. Nat. Hist., (6) I, p. 430. Ichang, Yangtze.

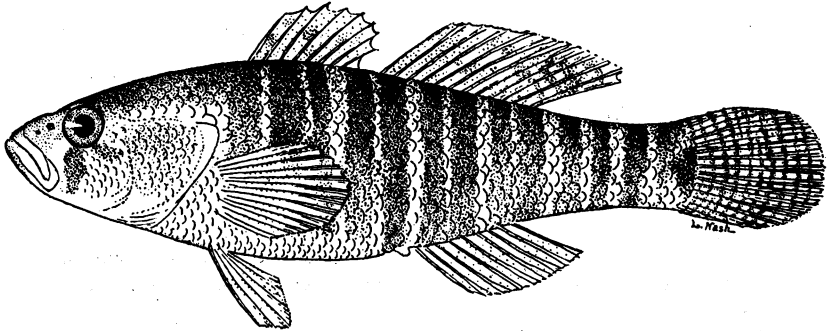


Fig. 47. *Eleotris swinhonis*, 50 mm. standard length.

#### **PHILYPNUS** Cuvier and Valenciennes

CUVIER AND VALENCIENNES, 1837, 'Hist. Nat. Poiss.,' XII, p. 255. Type: *Gobiomorus dormitator* Lacépède.

\***Philypnus chalmersi** NICHOLS AND POPE, 1927, Bull. Amer. Mus. Nat. Hist., LIV, p. 390, Fig. 50. Hainan.

#### **MICROPERCOPS** Fowler and Bean

FOWLER AND BEAN, 1920, Proc. U. S. Nat. Mus., LVIII, p. 319. Type: *Micropercops dabryi* Fowler and Bean.

**Micropercops cinctus** (DABRY DE THIERSANT).

*Philypnus cinctus* DABRY DE THIERSANT, 'Pisc. Chin.,' Pl. xxxvii, fig. 3. Mountains of Kiangsi.

**Micropercops dabryi** FOWLER AND BEAN, 1920, Proc. U. S. Nat. Mus., LVIII, p. 319, Fig. 2. Soochow.

#### **GOBIUS** Linnæus

LINNÆUS, 1758, 'Syst. Nat.,' 10th Ed., p. 262. Type: *Gobius niger* Linnæus.

#### (**GLOSSOGOBIUS**) Gill

GILL, 1860, Proc. Acad. Nat. Sci. Phila., for 1859, p. 146. Type: *Gobius platycephalus* Richardson.

\***Gobius giuris** HAMILTON-BUCHANAN, 1822, 'Fishes in Ganges,' p. 51. Ganges River.



West Africa to east Asia, entering fresh waters. Pei Ho, Tientsin (Gee). Yangtze at Hankau (Kreyenberg and Pappenheim). Specimens examined from Fukien.

**Gobius brunneus** TEMMINCK AND SCHLEGEL, 1847, 'Fauna Japonica,' p. 142, Pl. LXXIV, fig. 2. Japan.

Hainan (Oshima).

**Gobius caninus** CUVIER AND VALENCIENNES, 1837, 'Hist. Nat. Poiss.,' XII, p. 86. Java.

Amoy (Günther).

**Gobius grammepomus** BLEEKER, 1849, Verh. Bat. Gen., XXII, p. 34. East Indies.

Hainan (Oshima).

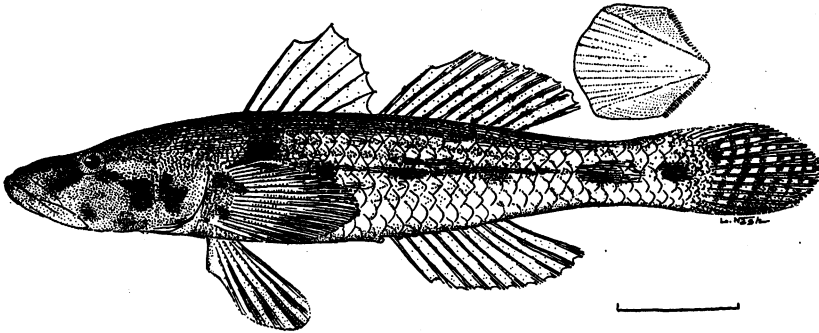
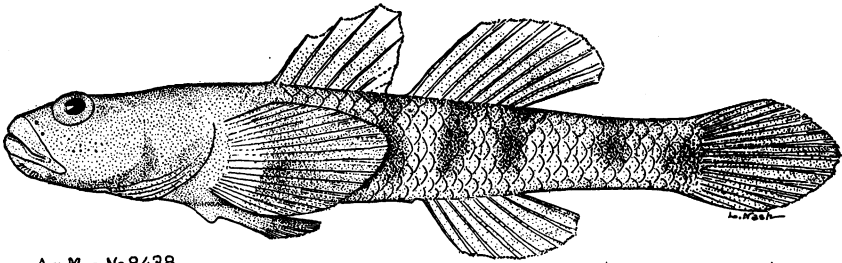


Fig. 48. *Gobius giuris*, 145 mm. standard length.



Amer. Mus. No. 8438

Fig. 49. *Gobius cliffordpopei*, type.

### (RHINOGOBIUS) Gill

GILL, 1860, Proc. Acad. Phila. for 1859, p. 145. Type: *Rhinogobius similis* Gill.

\***Gobius cliffordpopei** NICHOLS, 1925, Amer. Mus. Novitates, No. 185, p. 5. Tungting Lake.

**Gobius davidi** SAUVAGE AND DABRY DE THIERSANT, 1874, Ann. Sci. Nat., (6) I, p. 2. Western Tche-Kiang.

\***Gobius giurinus** RUTTER, 1897, Proc. Acad. Phila., XLIX, p. 86. Swatow.

Kachek River, Hainan (Oshima). Specimen examined from Fukien.

**Gobius hainanensis** (OSHIMA).

*Rhinogobius hainanensis* OSHIMA, 1926, Annot. Zool. Japon., XI (1), p. 23. Kachek River, Hainan.

\***Gobius hadropterus** (JORDAN AND SNYDER).

*Ctenogobius hadropterus* JORDAN AND SNYDER, 1902, Proc. U. S. Nat. Mus., XXIV, p. 60. Japan.

Specimens examined from Anhwei, Fukien, Hainan Island.

(**CTENOGOBIUS**) Gill

GILL, 1858, Ann. Lyc. Nat. Hist., N. Y., VI, p. 374. Type: *Ctenogobius fasciatus* Gill.

**Gobius clarki** (EVERMANN AND SHAW).

*Ctenogobius clarki* EVERMANN AND SHAW, 1927, Proc. Calif. Acad. Sci., XIV, p. 119. Chuchi (perhaps marine).

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