



TYPE SPECIMENS OF THAI CYPRINOID FISHES

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เอกสารวิชาการประมง มหาวิทยาลัยเกษตรศาสตร์ ฉบับที่ ๕

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ABSTRACT

The Cyprinoid fish is recognized as a very important group among freshwater fish because of the great number of species and economical value. Almost 250 species are found in freshwater all over Thailand. From many sources of informations, it was found that 131 species have been described as type specimens. Most of these are still in good condition. However, only 116 species were examined. These fish are kept in several Fish Museums, some are in Europe and some in the United States. All but five species, which have not yet been located, has the kind of types (holotype, paratype or syntype), the locators, the museum catalogue numbers, the collecting localities and dates, and the citation of the original descriptions of types.

INTRODUCTION

This paper lists the type specimens of Thai Cyprinoid fish located in several Museums. The author had a good opportunity to examine those types, of which are well cared for. Only five of them has unknown locators. These cyprinids are a very important group among freshwater fish, from both economic and scientific points. About two hundreds and fifty species are found in all over Thailand. It is unlucky for the Taxonomic work in Thailand, that the zoologists pay less attention to it. Even they realize that taxonomy is the basic work of the advanced biological study. The author just hopes in the future scientists may pay more attention to this field.

From many sources of the information, over twenty five families of Thai fish were described as types among which, the biggest is the family Cyprinidae, 131 species are types. Suvatti (1950) reported 234 species of cyprinids in Thailand. The aquarium species have been sent to several countries, by which chance the new species has been found; the examples of which were described by the famous taxonomists: *Puntius roloffii*, described by Professor Von W. Klausewitz (Senckenberg Museum in Frankfurt/Main) in 1957; *Eironotus octozona*, described by Dr. L.P. Schultz (U.S. National Museum, Smithsonian Institution, Washington D.C.) in 1959; *Puntius somphongsi*, described by Professor Von Gerhard Benl and Professor Von W. Klausewitz in 1962.

The type specimens discussed in this paper show the kind of types (holotype, paratype or syntype), the locators, the museum catalogue numbers, the collecting localities, the collecting dates and the citation of the original description of types.

The abbreviated words for the locators are given in full as following :

- AMNH = American Museum Natural History. (New York, U.S.A.)
- ANSP = Academy of Natural Science, Philadelphia. (Pennsylvania, U.S.A.)
- BMNH = British Museum Natural History. (London, England)
- KUMF = Kasetsart University Museum of Fisheries. (Bangkok, Thailand)
- MCZ = Museum of Comparative Zoology, Cambridge. (Massachusetts, U.S.A.)
- MNHN = Museum of National d' Histoire Naturelle. (Paris, France)
- RNHM = Royal Natural History Museum. (Stockholm, Sweden)
- SMF = Senckenberg Museum, Frankfurt. (Frankfurt/Main, Germany)
- USNM = United States National Museum. (Washington D.C., U.S.A.)

TABLE 1

LOCATORS AND NUMBERS OF TYPE SPECIMENS OF THE THAI CYPRINIDS

Locators	Numbers of Types known		Numbers of Types seen	
	Holotype	paratype and syntype	Holotype	paratype and syntype
ANSP	65	43	62	41
BMNH	4	1	4	1
KUMF	6	2	6	2
MCZ	3	3	3	3
MNHN	8	5	6	5
RNHM	1	—	1	—
SMF	2	2	2	2
USNM	37	20	32	20
others	5	—	—	—
Total	131	76	116	74

LIST OF THE TYPES

- Acanthorhodeus deignani* H.M. Smith
 Holotype USNM 107938; paratype USNM 107892. Tributary of Maekong at Ban Nam Puat. April 26, 1936. Smith, 1945, U.S.N.M. Bull. **188**:219.
 Remark: The catalogue number of paratype of *A. deignani* in U.S.N.M. Bull. **188**:220, USNM 107893, is not correct, it has to be USNM 107892, and USNM 107893 is the catalogue number of the paratype of *Daniops myersi*.
- Acrossocheilus bantamensis* (Rendahl)
 = *Barbus bantamensis* Rendahl
 Holotype RNHM 10969. Ban Tam, Maeping River, east base of Doi Chieng-Dao. June 25, 1914. Rendahl, 1920, Ark. Zool. Band **12** (16): 1.
- Acrossocheilus malcolmi* H.M. Smith
 Holotype USNM 117748. Maeping River at Raheng. July, 1924. Smith, 1945, U.S.N.M. Bull. **188**:199.
- Acrossocheilus schroederi* H.M. Smith
 Holotype MCZ 35528. Doi Angka, North Thailand. April, 1937. Smith, 1945, U.S.N.M. Bull. **188**:203.
- Acrossocheilus vittatus* H.M. Smith
 Holotype USNM 117749. Huay Maekong-Kha (Mountain brook, tributary to the Salwin). October 18, 1936. Smith, 1945, U.S.N.M. Bull. **188**:198.
- Aspidoparia siamensis* (Sauvage)
 = *Morara siamensis* Sauvage
 Type Specimen unseen. Bangkok. No collecting date records. Sauvage, 1881, Nouv. Arch. Mus. Hist. Nat. Paris, ser. 2, **4**:164, 187.
- Barilius huahinensis* Fowler
 Holotype ANSP 60202; paratype ANSP 60203-33, USNM 103104. Ban Thung Luang, S.W. Thailand. January 9, 1934. Fowler, 1934 b, Proc. Acad. Nat. Sci. Philad. **86** (5): 347.
- Barilius infrafasciatus* Fowler
 Holotype ANSP 58940; paratype ANSP 58941-9. Maetang River, 35 miles North of Chiangmai. January 18, 1933. Fowler, 1934 a, Proc. Acad. Nat. Sci. Philad. **86** (1): 141.
- Barilius koratensis* H.M. Smith
 Holotype USNM 90298. Mun River at Ta-Chang, Nakorn-Rajsima. November, 1926. Smith, 1931 a, Proc. U.S.N.M. **79** (7): 16.
- Barilius nanensis* H.M. Smith
 Holotype USNM 107940; paratype USNM 107939, 119474-6. Nan River, near headwater at Ban Pa-Khwang. March 31, 1936. Smith, 1945, U.S.N.M. Bull. **188**:155.

Barilius ornatus Sauvage

Holotype MNHN 1202. Chao Phya River. 1883. Sauvage, 1883, Bull. Soc. Philom. ser. 7, **7**: 153.

Barilius pulchellus H.M. Smith

Holotype USNM 90299; paratype KUMF 0157. Maeklang at Pang Chao, North Thailand. December 1, 1928. Smith, 1931 a, Proc. U.S.N.M. **79** (7): 17.

Catlocarpio siamensis Boulenger

Holotype BMNH 1898. 4.2. 169. Chao Phya River. 1898. Boulenger, 1898, Ann. Mag. Nat. Hist. ser. 7, **1**: 450.

Chela caeruleostigmata (H.M. Smith)

= *Laubuca caeruleostigmata* H.M. Smith

Holotype USNM 90287; paratype USNM 90288. Chao Phya River, below Nakorn-Sawan. January 5, 1925. Smith, 1931 a, Proc. U.S.N.M. **79** (7): 5.

Chela mouhoti H.M. Smith

Holotype USNM 107959. Pasak River, Petchabun. February 23, 1934. Smith, 1945, U.S.N.M. Bull. **188**: 80.

Cirrhinus lineatus H.M. Smith

Holotype USNM 107960; paratype USNM 119484. Lam Tong Lang, North of Pakjong, Nakorn-Rajsimma. July 19, 1925. Smith, 1945, U.S.N.M. Bull. **188**: 163.

Cirrhinus marginipinnis Fowler

Holotype ANSP 68069; paratype ANSP 68070-83. Maepoon, Pitsanulok. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 173.

Crossocheilus caudiguttatus Fowler

Holotype ANSP 58452; paratype ANSP 59089-91. Chiangmai. February 5, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 137.

Crossocheilus reticulatus Fowler

Specimens unseen. Holotype ANSP 61335; paratype ANSP 61336. Khao Nam-Poo, on the Pasak River. October, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6): 128.

Crossocheilus tchangii Fowler

Holotype ANSP 61690; paratype ANSP 61336. Srisawat, Khwae-Yai, Maeklong River. July, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6): 126.

Cultrops siamensis (Hora)

= *Culter siamensis* Hora

Type specimen unseen. No collecting locality and date found. Hora, 1923, Journ. Siam Soc. Nat. Hist. Suppl. **6**: 149.

- Cyclocheilichthys amblyceps* Fowler
Holotype ANSP 68133; paratype ANSP 68134. Bangkok. 1937. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 187.
- Cyclocheilichthys coolidgei* H.M. Smith
Holotype MCZ 35519; paratype MCZ 35522, USNM 118452-3. Chiangmai. April 27, 1937. Smith, 1945, U.S.N.M. Bull. **188**: 144.
- Cyclocheilichthys dumerilii* Sauvage
Holotype MNHN 1828. Bangkok. 1862. Sauvage, 1881, Nouv. Arch. Mus. Hist. Nat. Paris, ser. 2, **4**: 163.
- Cyclocheilichthys mekongensis* Fowler
Holotype ANSP 68112; paratype ANSP 68113-32. Kemarat, Maekong River. 1937. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 187.
- Cyclocheilichthys tapiensis* H.M. Smith
Holotype USNM 90294. Tapi River, near Bandon, Surajthani. September 30, 1923. Smith, 1931a, Proc. U.S.N.M. **79** (7): 11.
- Danio* (*Allodanio*) *ponticulus* H.M. Smith
Holotype MCZ 35524. Maeping River, Chiangmai. April 27, 1937. Smith, 1945, U.S.N.M. Bull. **188**: 100.
- Danio* (*Brachydanio*) *kerri* H.M. Smith
Holotype KUMF 0160; (original holotype USNM 90289.) Pool in hill stream of Koh Yao-Yai, Phuket. March 4, 1929. Smith, 1931a, Proc. U.S.N.M. **79** (7): 6.
- Danio* (*Brachydanio*) *pulcher* H.M. Smith
Type specimen unseen. Holotype USNM 90290. Waterfall stream, Pliew, Chantaburi. April 9, 1925. Smith, 1931a, Proc. U.S.N.M. **79** (7): 8.
- Danio* (*Danio*) *peninsulae* H.M. Smith
Holotype USNM 107962; paratype USNM 108131. Mountain brook, Kao Luang, Nakorn-Sritamarat. July 20, 1928. Smith, 1945, U.S.N.M. Bull. **188**: 98.
- Danio* (*Danio*) *regina* Fowler
Type specimen unseen. Holotype ANSP 60187; paratype ANSP 60188. Nakorn-Sritamarat. May 21, 1933. Fowler, 1934b, Proc. Acad. Nat. Sci. Philad. **86** (5): 342.
- Danio* (*Danio*) *suvatti* Fowler
Holotype ANSP 68501; paratype ANSP 68502-4. Chong Mountain, near Trang. October 13, 1936. Fowler, 1939, Proc. Acad. Nat. Sci. Philad. **91** (9): 67.
- Daniops myersi* H.M. Smith
Holotype USNM 107961; paratype USNM 107806, 107921, 108130, 108863, 117725-8, 119448-9, 119525-6. Huey Maelao, Doi Hua Mot, North Thailand. August 23, 1934. Smith, 1945, U.S.N.M. Bull. **188**: 92.

Discolabeo fisheri Fowler

Holotype ANSP 68219; paratype ANSP 68220. Tachin River. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 211.

Eironotus octozona Schultz

Holotype USNM 177521; paratype USNM 177522. Bung Borapet, Nakorn-Sawan. 1957. Schultz, 1959, Tropical Fish Hobbyist **7** (7): 9.

Epalzeorhynchus coatesi (Fowler)

= *Tylognathus coatesi* Fowler

Holotype ANSP 68202. Bangkok. November, 1923. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 208.

Epalzeorhynchus kalliurus H.M. Smith

Holotype USNM 109764. Maekong at Chiengsan, North Thailand. January 13, 1927. Smith, 1945, U.S.N.M. Bull. **188**: 264.

Epalzeorhynchus siamensis H.M. Smith

Holotype USNM 90302. Tadi River, Nakorn-Sritamarat. July 14, 1928. Smith, 1931a, Proc. U.S.N.M. **79** (7): 20.

Epalzeorhynchus stigmaeus H.M. Smith

Holotype USNM 109765; paratype USNM 109763. Maekhan, a tributary of Maeping, North Thailand. February 2, 1932. Smith, 1945, U.S.N.M. Bull. **188**: 267.

Esomus goddardi Fowler

Holotype ANSP 68047; paratype ANSP 68048-67. Maepoon River, Chiangmai. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 170.

Esomus metallicus Ahl

Type specimen unseen. Petchaburi. No collecting date found. Ahl, 1924, Ichthy. Mitteil. IV, Mitteil. Zool. Mus. Berlin, **11**: 42.

Filirasbora rubripinna Fowler

Holotype ANSP 68068. Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 172.

Garra fasciacauda Fowler

Holotype ANSP 68222; paratype ANSP 68223-31, USNM 118115. Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 212.

Garra fuliginosa Fowler

Type specimen unseen. Holotype ANSP 58006. Maetang River Chiangmai. January 18, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 139.

Garra parvifilum Fowler

Holotype ANSP 68507; paratype ANSP 68508-16. Trang Waterfall stream. October 13, 1936. Fowler, 1939, Proc. Acad. Nat. Sci. Philad. **91** (9): 73.

Garra taeniata H.M. Smith

Holotype USNM 90300; paratype USNM 90301, 108254. Tadi River, in Ban Kiri Wong, Nakorn-Sritamarat. July 10, 1928. Smith, 1931a, Proc. U.S.N.M. **79** (7): 19.

Hampala dispar H.M. Smith

Holotype USNM 103366. Mun River at Udon. March 24, 1929. Smith, 1934, Journ. Siam Soc. Nat. Hist. **9** (3): 309.

Henicorhynchus lobatus H.M. Smith

Holotype USNM 119490; paratype USNM 108091, 119491-4. Mae-kok at Chiengrai, North Thailand. March 2, 1924. Smith, 1945, U.S.N.M. Bull. **188**:257.

Holotylognathus reticulatus Fowler

Holotype ANSP 57568; paratype ANSP 57569-70. Bua Yai, Nokorn-Rajsima. January 10, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 135.

Labeo behri Fowler

Holotype ANSP 68190; paratype ANSP 68191-200. Maekong. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 206.

Labeo bicolor H.M. Smith

Holotype USNM 90291; paratype USNM 90292-3. Tributary of Chao Phya River, near Nakorn-Sawan. November 19, 1923. Smith, 1931a, Proc. U.S.N.M. **79** (7): 9.

Labeo cheveyi Fowler

Holotype ANSP 68184; paratype ANSP 68185-9. Maepoon River, Chiangmai. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 205.

Labeo erythrurus Fowler

Holotype ANSP 68180; paratype ANSP 68181-2. Maekong River at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 204.

Labeo frenatus Fowler

Holotype ANSP 57513; paratype ANSP 57514-30. Chiangmai. January 5, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 129.

Labeo indramontri H.M. Smith

Holotype USNM 107964. Bung Borapet, Nakorn-Sawan. November 24, 1923. Smith, 1945, U.S.N.M. Bull. **188**: 251.

Labeo munensis H.M. Smith

Holotype KUMF 0162, (original holotype USNM 3112); paratype KUMF 0161. Mun River at Ta-Charng, East of Nakorn-Rajsima. November 22, 1926. Smith, 1934, Journ. Siam Soc. Nat. Hist. Suppl. **9** (3): 313.

Labeo sinkleri Fowler

Holotype ANSP 58423; paratype ANSP 58424. Maetang River, North of Chiangmai. January 18, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 130.

Labeo stigmapleura Fowler

Holotype ANSP 68169; paratype ANSP 68170-9. Maekong at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 202.

Labiobarbus siamensis (Sauvage)

= *Dangila siamensis* Sauvage

Syntype MNHN 1872. Petchaburi. 1862. Sauvage, 1881, Nouv. Arch. Mus. Hist. Nat. Paris, ser. 2, **4**: 176.

Labiobarbus spilopleura (H.M. Smith)

= *Dangila spilopleura* H.M. Smith

Holotype KUMF 0159. Hangkraben, off Chao Phya River, North of Ayuthia. December 11, 1924. Smith, 1934, Journ. Siam Soc. Nat. Hist. Suppl. **9** (3): 307.

Lobocheilus cheveyi H.M. Smith

Holotype USNM 107947. Mao River, tributary of Fang River. December 25, 1936. Smith, 1945, U.S.N.M. Bull. **188**: 245.

Lobocheilus cornutus H.M. Smith

Holotype USNM 107957; paratype USNM 108100, 119524, (unseen paratype USNM 109773, 117627, 117636). Klong Chawang, Mountain stream, East Bandon, Surajthani. February, 1929. Smith, 1945, U.S.N.M. Bull. **188**: 242.

Lobocheilus cryptopogon (Fowler)

= *Tylognathus cryptopogon* Fowler

Holotype ANSP 61273; paratype ANSP 61274-82. Nam-Poo Mountain, Pasak River, Petchabun. October, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6): 125.

Lobocheilus davisi (Fowler)

= *Tylognathus davisi* Fowler

Holotype ANSP 68201. Maekong River at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 208.

Lobocheilus gracilis (Fowler)

= *Tylognathus gracilis* Fowler

Holotype ANSP 68203; paratype ANSP 68204-18. Maepoon River, Chiangmai. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 209.

Lobocheilus melanotaenia (Fowler)= *Tylognathus melanotaenia* FowlerHolotype ANSP 61502. Nam Poo Mountain, Pasak River, Petchabun. October, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6): 122.*Lobocheilus nigrovittatus* H.M. SmithHolotype USNM 109772; paratype USNM 109770-1. Lam Tong Lang, Nakorn-Rajsima. July 19, 1925. Smith, 1945, U.S.N.M. Bull. **188**: 240.*Lobocheilus quadrilineatus* (Fowler)= *Tylognathus quadrilineatus* FowlerHolotype ANSP 61791; paratype ANSP 61792-5. Nakorn-Sritamarat. July, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6): 124.*Lobocheilus rhabdoura* (Fowler)= *Tylognathus rhabdoura* FowlerHolotype ANSP 57683; paratype ANSP 57684-700. Chiangmai. December 24, 1932. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 133.*Lobocheilus thavili* H.M. SmithType specimen unseen. MaeKlong River, Rajkuri. July 29, 1923. Smith, 1945, U.S.N.M. Bull. **188**: 247*Lobocheilus trangensis* (Fowler)= *Tylognathus trangensis* FowlerHolotype ANSP 68506. Trang waterfall stream. October 13, 1936. Fowler, 1939, Proc. Acad. Nat. Sci. Philad. **91** (9): 72.*Longiculus siahii* FowlerHolotype ANSP 68014; paratype ANSP 68015. Maepoon River, Chiangmai. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 162.*Luciosoma bleekeri* SteindachnerType specimens unseen. Chao Phya River at Bangkok. No collecting date found. Steindachner, 1878, Ichthyologische Beiträge. (VII) Sitz. Acad. Wiss. Wien **78**: 15.*Mekongina erythrospila* FowlerHolotype ANSP 68158; paratype ANSP 68159-68. Maekong River at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 200.*Mystacoleucus atridorsalis* FowlerHolotype ANSP 68084; paratype ANSP 68085. Maekong River at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 176.*Mystacoleucus chilopectus* FowlerHolotype ANSP 61785. Srisawat River. July, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6): 112.

Osteochilus duostigma Fowler

Holotype ANSP 68096; paratype ANSP 68097. Maekong River at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 182.

Osteochilus lini Fowler

Holotype ANSP 60812; paratype ANSP 60813-42. Nam-Poo Mountain, Pasak River, Petchabun. October, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6) : 118.

Osteochilus macrosemion Fowler

Holotype ANSP 60809. Kwaie Yai of Maeklong River, at Srisawat. July, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6) : 116.

Osteochilus ochrus Fowler

Holotype ANSP 61781. Bangkok. May, 1934. Fowler, 1935 a, Proc. Acad. Nat. Sci. Philad. **87** (6) : 118.

Osteochilus prosemion Fowler

Holotype ANSP 59095; paratype ANSP 59096-7. Maeping, Chiangmai. December, 1932. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1) : 116.

Osteochilus scapularis Fowler

Holotype ANSP 60812; paratype ANSP 60813-42. Nam-Poo Mountain, Pasak River, Petchabun. October, 1934. Fowler, 1939, Proc. Acad. Nat. Sci. Philad. **91** (9) : 69.

Osteochilus spilopleura Fowler

Holotype ANSP 60808; paratype ANSP 60809-11. Maeklong River, at Srisawat. July, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6) : 115.

Osteochilus tatumi Fowler

Holotype ANSP 68095. Chao Phya River. 1937. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 180.

Oxygaster maculicauda (H.M. Smith)

= *Chela maculicauda* H.M. Smith

Holotype KUMF 0158 (original holotype USNM 103372). Klong Ranode, Tale Sap, Songkla. October 9, 1923. Smith, 1934, Journ. Siam Soc. Nat. Hist. **9** (3) : 301.

Oxygaster pointoni (Fowler)

= *Chela pointoni* Fowler

Holotype ANSP 57456. Chiangmai. January 5, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1) : 108.

Oxygaster siamensis (Günther)

= *Chela siamensis* Günther

Holotype BMNH 1861. 10. 8. 17. Petchabun. No collecting date found. Günther, 1868, Cat. Fish. Brit. Mus. **7** : 336.

Papillocheilus ayuthiae H.M. Smith

Holotype USNM 119495; paratype USNM 119496, MCZ 37252. Chao Phya River, Ayuthia. July 21, 1923. Smith, 1945, U.S.N.M. Bull. **188**: 231.

Parachela williaminae Fowler

Holotype ANSP 57457. Maekong River, at Chiengsan. February 10, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 111.

Paralaubuca barroni (Fowler)

= *Chela barroni* Fowler

Holotype ANSP 57455. Maekong River at Chiengsan. February 10, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 109.

Paralaubuca harmandi Sauvage

Holotype MNHN 6427. Chao Phya River. No collecting date found. Sauvage, 1883, Bull. Soc. Philom. **7** (7): 153.

Paralaubuca riveroi (Fowler)

= *Culter riveroi* Fowler

Holotype ANSP 60803. Bangkok. May, 1934. Fowler, 1935a, Proc. Acad. Nat. Sci. Philad. **87** (6): 108.

Paralaubuca stigmabrachium (Fowler)

= *Chela stigmabrachium* Fowler

Holotype ANSP 57458; paratype ANSP 57459-64. Maekong River at Chiengsan. February 10, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 109.

Paralaubuca typus Bleeker

= *Chela typus* (Bleeker)

Syntype MNHN 1865; paratype MNHN 1867. Bangkok. 1862. Bleeker, 1863, Atlas Ichth. **3**: 133.

Puntioplites proctozysron (Bleeker)

= *Puntius proctozysron* Bleeker

Holotype MNHN 1868; paratype MNHN 1830. Ayuthia. 1865. Bleeker, 1865, Ned. Tijdschr. Dierk. **2**: 35.

Puntius altus (Günther)

= *Barbus altus* Günther

Type specimens unseen. Chao Phya River. No collecting date found. Günther, 1868, Cat. Fish. Brit. Mus. **7**: 119.

Puntius ashmeadi (Fowler)

= *Barbus ashmeadi* Fowler

Holotype ANSP 68137; paratype ANSP 68138-9. Maekong River at Kemarat. 1937. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8): 193.

- Puntius beasleyi* (Fowler)
 = *Barbus beasleyi* Fowler
 Holotype ANSP 68140. Maekong River at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 194.
- Puntius colemani* (Fowler)
 = *Barbus colemani* Fowler
 Holotype ANSP 68153. Mae Poon River, Chiangmai. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 197.
- Puntius daruphani* H.M. Smith
 Type specimens unseen. Maeping River at Raheng. October 17, 1926. Smith, 1934, Journ. Siam Soc. Nat. Hist. **9** (3) : 313.
- Puntius jolamaki* H.M. Smith
 Type specimens unseen. Chao Phya River at Bang-sorn. July, 1925. Smith, 1934, Journ. Siam Soc. Nat. Hist. **9** (3) : 310.
- Puntius faucis* H.M. Smith
 Holotype USNM 119497. Maecham, tributary of Maeping River, Chiangmai. July, 1935. Smith, 1945, U.S.N.M. Bull. **188** : 180.
- Puntius foxi* (Fowler)
 = *Barbus foxi* Fowler
 Holotype ANSP 68135; paratype ANSP 68136. Maekong River at Kemarat. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 188.
- Puntius masyai* H.M. Smith
 Holotype USNM 107954; paratype USNM 107955. Ban-Ang on Kao Sabap, mountain brook, Chantaburi. July 12, 1928. Smith, 1945, U.S.N.M. Bull. **188** : 171.
- Puntius partipentazona* (Fowler)
 = *Barbus partipentazona* Fowler
 Holotype ANSP 60200; paratype ANSP 60201. Trad. December, 1933. Fowler, 1934b, Proc. Acad. Nat. Sci. Philad. **86** (5) : 344.
- Puntius paucisquamatus* H.M. Smith
 Holotype USNM 119713; paratype USNM 119501-2. Kao Luang, Nakorn-Sritamarat. July 20, 1928. Smith, 1945, U.S.N.M. Bull. **188** : 178.
- Puntius pessuliferus* (Fowler)
 = *Barbus pessuliferus* Fowler
 Holotype ANSP 68141; paratype ANSP 68142-51. Maekong at Kemarat, 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 196.
- Puntius roloffii* Klauswitz
 Holotype SMF 4038; paratype SMF 4039. Patalung. No collecting date found, but the incoming specimen date is October 20, 1956. Klauswitz, 1957, Sencken. Biol. **38** : 193.

- Puntius sametensis* H.M. Smith
Holotype USNM 117755. Nong Samet, S.E. Thailand. July 19, 1928. Smith, 1945, U.S.N.M. Bull. **188**: 176.
- Puntius siamensis* Sauvage
Holotype MNHN 5058; paratype MNHN 5106. Chao Phya River. 1883. Sauvage, 1883, Bull. Soc. Philom. **7**(7): 152.
- Puntius sinus* H.M. Smith
Holotype USNM 119452. Huey Maelin, tributary of Mao River. December 25, 1936. Smith, 1945, U.S.N.M. Bull. **188**: 185.
- Puntius somphongsi* Benl & Klausewitz
Holotype SMF 5471; paratype SMF 5472-4. No collecting locality and date found, but the incoming specimen date is 1961. Benl & Klausewitz, 1962, Sencken. Biol. **43**(1): 21.

Remark: From my knowledge these specimens were sent to sell in Germany as the aquarium fish by Mr. Somphong Lekngarndee.
- Puntius spilopterus* (Fowler)
= *Barbus spilopterus* Fowler
Holotype ANSP 59112; paratype ANSP 59113. Chiangmai. January 2, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1): 122.
- Puntius stigmatosomus* H.M. Smith
Type specimen unseen. Holotype USNM 90296. Pliew, waterfall stream, Chantaburi. April 27, 1927. Smith, 1931a, Proc. U.S.N.M. **79**(7): 13.
- Puntius vernayi* (Norman)
= *Barbus vernayi* Norman
Holotype BMNH 1924. 7. 23. 7; paratype BMNH 1924. 7. 23. 8. Maewong River, Lumpang. No collecting date found. Norman, 1925, Ann. Mag. Nat. Hist. **9** (15): 315.
- Puntius viehoveeri* Fowler
Holotype ANSP 70615. Bangkok. 1943. Fowler, 1943, Fish Culturist **23** (4): 26.
- Puntius wetmorei* H.M. Smith
Holotype USNM 90295. Chao Phya River at Chainart. January 25, 1925. Smith, 1931, Proc. U.S.N.M. **79** (7): 12.
- Rasbora borapetensis* H.M. Smith
Holotype KUMF 0163 (original holotype USNM 108127). Bung Borapet, Nakorn-Sawan. December 4, 1932. Smith, 1934, Journ. Siam Soc. Nat. Hist. Suppl. **9**: 302.

Rasbora cheroni Fowler

Holotype ANSP 68011. Pitsanulok. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 168.

Rasbora cromiei Fowler

Holotype ANSP 68021 ; paratype ANSP 68022-46. Mae Poon River, Chiangmai. 1936. Fowler, 1937, Proc. Acad. Nat. Sci. Philad. **89** (8) : 167.

Rasbora layangi Fowler

Holotype ANSP 68499; paratype ANSP 68500. Trang. October 13, 1936. Fowler, 1939, Proc. Acad. Nat. Sci. Philad. **91** (9) 66.

Rasbora retrodorsalis H.M. Smith

Holotype USNM 119520; paratype USNM 103279, 108119, 108120, 118444, MCZ 35523. Bangkok. March 18, 1924. Smith, 1945, U.S.N.M. Bull. **188** : 110.

Rasbora palustris H.M. Smith

Type specimen unseen. Holotype USNM 107956. Bung Borapet, Nakorn-Sawan. December 4, 1932. Smith, 1945, U.S.N.M. Bull. **188** : 108.

Scaphiodonichthys acanthopterus (Fowler)

= *Scaphiodontopsis acanthopterus* Fowler

Holotype ANSP 58065; paratype ANSP 58066-74. No collecting locality found. February 29, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1) : 119.

Scaphognathops stejnegeri (H.M. Smith)

= *Scaphognathus stejnegeri* H.M. Smith

Holotype USNM 90303. Maekong River near Ban Maekong. February 24, 1929. Smith, 1931a, Proc. U.S.N.M. **79** (7) : 22.

Sikukia stejnegeri H.M. Smith

Holotype KUMF 0164. Sikuk River. November 26, 1923. Smith, 1931b, Copeia, no. 3 : 138.

Tylognathus brunneus Fowler

Holotype ANSP 58369; paratype ANSP 58370-75. Chiangmai. December 24, 1932. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1) : 131.

Tylognathus caudimaculatus Fowler

Holotype ANSP 58332; paratype 58333-5. Chiangmai. January 1, 1933. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1) : 133.

Tylognathus entmema Fowler

Holotype ANSP 59092. Silom canal, Bangkok. December 18, 1932. Fowler, 1934a, Proc. Acad. Nat. Sci. Philad. **86** (1) : 134.

Tylognathus siamensis de Beaufort

Type specimen unseen. Payao swamp, Chiengrai. March, 1924. Beaufort, 1927, Journ. Siam Soc. Nat. Hist. Suppl. 7 : 5.

Xenocheilichthys gudgeri H.M. Smith

Holotype USNM 103367; paratype USNM 103368. Nan River. April 20, 1930. Smith, 1934, Journ. Siam Soc. Nat. Hist. Suppl. 9 : 305.

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