

NOTES ON GOBIOID FISHES
8. FURTHER NOTES ON THE SYNONYMY
OF SPECIES OF GOBIOIDEA

by

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In Notes on Gobioid Fishes 6, Zool. Meded. XVIII, 1935, p. 121—150, I gave some synonyms. After a study of the collection of Gobioid fishes in the British Museum (Natural History) in June 1935, I found some new synonyms, which I give below. I am much obliged to Mr. J. R. Norman, Assistant Keeper of Zoology, for his kind help during my study.

Bathygobius fuscus (Rüpp.)

To the synonyms given on p. 121—122 in Zool. Meded. XVIII, 1935 I add:

Gobius elegans var. Cantor, Cat. Mal. Fishes, Journ. As. Soc. Bengal XVIII, (1849) 1850, p. 1161.

Gobius elegans Günther, Cat. Fishes III, 1861, p. 18 (not of C. & V.).

Gobius graeffii Günther, Fische der Südsee VI, Journ. Mus. Godeffroy XIII, 1877, p. 179.

As I stated (l.c., p. 138), *Gobius elegans* var. of Cantor, Günther and Day (Fishes of India 1878, p. 293) is not identical with *Gobius elegans* C. & V. The type specimen of *G. elegans* var. Cantor, a skin, in the collection of the British Museum, belongs to *Bathygobius fuscus* (Rüpp.). Type specimen of *G. graeffii* Gthr. seen.

In the same way the specimens *Gobius buccatus*, Batjan, Peters, Brit. Mus. 68. 7. 10. 2—3, belong to *B. fuscus*. Of the 4 type specimens of *Gobius interstinctus* Rich., West Australia, Haslar collection, which species is a synonym of *Acentrogobius ornatus* (Rüpp.), 3 specimens belong to that species, the 4th is a specimen of *Bathygobius fuscus*.

Glossogobius giuris (Ham. Buch.)

To the synonyms given (l.c., p. 147—148), I add:

Gobius sublitus Cantor, Cat. Mal. Fishes p. 1163.

Gobius sublitus Günther, Cat. Fishes III, 1861, p. 24.

The type specimen of Cantor, a skin, agrees fully with *G. giuris*, the number of scales in L.1. is not about 38, as given by Cantor, but about 28.

Stigmatogobius sadanundio (Ham. Buch.)

To the synonyms given in Zool. Meded. XV, 1932, p. 3—4 I add:

Gobius apogonius Cantor, Cat. Mal. Fishes p. 1164.

Gobius apogonius Günther, Cat. Fishes III, 1861, p. 28.

The type specimens, 3 half skins, seen by me.

Acentrogobius viridipunctatus (C. & V.)

The specimens *Gobius chinensis* Osbeck, named by Günther, Cat. Fishes III, 1861, p. 37, a, b. Adult, China, belong to *A. viridipunctatus*.

Acentrogobius cyanomos (Blkr.)

Gobius cyanomos Bleeker, Verh. Bat. Gen. XXII, 1849, p. 25.

Gobius cyanoclavis Cantor, Cat. Mal. Fishes, p. 1167.

Acentrogobius spilopterus H. M. Smith, Journ. Siam Soc. Nat. Hist. Suppl. VIII, 1932, p. 259, pl. 23.

D. 1 VI; D. 2 I. 10; A. I. 8—10; P. 18—19; L.1. \pm 30; L.tr. 8—9; Predorsal scales 14.

Body elongate, anteriorly cylindrical, posteriorly compressed, height $4\frac{1}{2}$ —5 in length, 6 — $6\frac{1}{3}$ in total length. Head compressed, obtuse, $3\frac{3}{5}$ —4 in length, $4\frac{1}{2}$ —5 in total length. Eyes 4—5 in head, interorbital $\frac{1}{3}$ — $\frac{1}{2}$ eye-diameter. Snout obtuse, about as long as eye, tip a little below inferior margin of eye. Teeth: in upper jaw outer row enlarged, in lower jaw outer row enlarged, extends to halfway the jaw, last two teeth are canines. Longitudinal rows of mucous canals over cheeks. Supraopercular groove with open pores, first open pore behind the eye. An open pore medially in interorbital space. Head scaled above behind the eyes, rest of head naked. Scales of head, nape, breast and belly cycloid, of body ctenoid. D. 1 lower than body, in male 1st, 2nd and 3rd rays or only 2nd ray filiform. D. 2 and A. lower than body, pointed posteriorly. P. without free rays, obtuse, longer than head without snout. V. rounded, about as long as P. C. obtuse, as long as head.

Colour: blackish green to olive above, lighter below. Scales with shiny greenish spots, similar spots on operculum; on shoulder a blue blotch. D. 1 yellowish. V. whitish, pink to violet. Other fins violet, bordered with reddish to orange. Membrane of D. 2 and C. with 3—5 rows of whitish spots between the rays. Base of C. above with dark blotch.

Length: 115 mm.

Habitat: Indo-Australian Archipelago, Siam.

After having seen the 2 type specimens, skins, of Cantor, I regard *Gobius cyanoclavis* Cantor as a synonym of *A. cyanomos*. The head is not a little depressed, as stated by Cantor, but a little compressed; the operculum is not scaled, but naked. As the skins are painted, I am not certain that the pattern of colour, which they show now, is quite natural.

The specimen *Acentrogobius spilopterus*, Tachin riv. Siam, Siamese Dept. Fish. in the collection of the British Museum agrees fully with *A. cyanomos*.