

TWO NEW CATFISHES FROM SOUTH CHINA

By T. L. TCHANG

This short paper contains the descriptions of two Siluroid fishes. One was collected from Hainan Island by Mr. C. Ho of the Fan Institute and another from Yunnan by a collector of the same institution. Both of them are considered to be new to Science.

***Glyptosternun yunnanensis* sp. nov.**

Description of a specimen from Yunnan. No. 12027, in Zoological Museum of Fan Memorial Institute of Biology.

Length to caudal base 115 mm. Depth in length 7.7; head 4.5. Eye in head 8.5; snout 1.8; interorbital 4.5; longest pectoral ray 1.4; longest ventral ray 1.2; longest dorsal ray 1.4; longest anal ray 2.2.

D. 1/6. P. 1/17. V. 1/6. A. 1/6.

Body elongate, anterior part depressed, caudal peduncle rather compressed; head depressed and covered superiorly with soft skin; no thoracic adhesive apparatus; gill-openings narrow, not extending to lower surface of the body; eye superior, very small; nostrils close together, separated by a short barbel, situated much nearer tip of snout than anterior margin of eye; maxillary barbel short and broad, 4 mandibular barbels; fold of lower lip flat, broad and continuous; teeth rather large, movable, oar-shaped, flattened distally, arranged in 2 well separated bands or patches in each jaw; body naked; lateral line straight; dorsal short, dorsal spine very weak, situated in front of ventral, about midway between gill-opening and ventral origin; adipose dorsal long and low, much longer than dorsal and anal; pectoral broad, just reaching ventral, with a weak spine, ventral surface of the spine plaited; ventral not reaching vent; anal short; caudal subtruncate.

Color in alcohol brownish, abdomen yellow.

This species is related to *Glyptosternun vinciguerrae* (Regan) from upper Burma, but differs from that in having much longer body and

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Color in alcohol brownish, abdomen yellow.

This species is related to *Glyptosternun vinciguerrae* (Regan) from upper Burma, but differs from that in having much longer body and

more branched pectoral rays (*Glyptosternum vinciguerrae* with 10 branched pectoral rays).

Measurements of some examples from the same locality are given as follows:

Number	Body Length in mm	Depth in Length	Head in Length	Pectoral rays	Dorsal rays	Anal rays	Ventral rays
12021	111	8.6	4.3	1/18	1/6	5	1/5
12025	70	9.3	4.2	1/17	1/6	5	1/5
12022	76	9.3	4.5	1/17	1/6	5	1/5
12018	66	8.8	4.1	1/17	1/6	5	1/5
12026	66	8.0	4.2	1/17	1/6	5	1/5
12028	69	12.0	4.8	1/17	1/6	5	1/5
12020	68	10.8	4.2	1/17	1/6	5	1/5
12023	55	10.5	4.3	1/17	1/6	5	1/5
12024	55	10.0	4.1	1/17	1/6	5	1/5

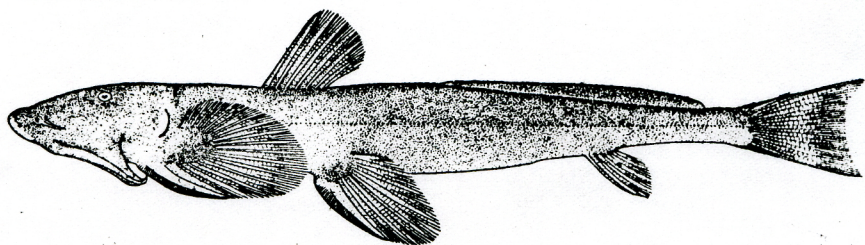


Fig. 1. *Glyptosternum yunnanensis* sp. nov.

✓ *Leiocassis hainanensis* sp. nov.

Description of a specimen from Hainan. No. 12904, in Zoological Museum of Fan Memorial Institute of Biology.

Length to caudal base 185 mm. Depth in length 6; head 4. Eye in head 6; snout 2.8; interorbital 3.3; longest dorsal ray 1.5; longest anal ray 2.4; longest pectoral ray 2; longest ventral ray 2.4.

D. 1/7.

A. 2/8.

P. 1/8.

V. 1/5.

Body elongate, compressed posteriorly; head depressed; eye moderate, superolateral; interorbital flat; a long narrow fonticulus on dorsal surface; snout much depressed; nostrils nearer tip of snout than anterior margin of eye, remote from each other, the posterior with a short slender barbel; teeth villiform, on both jaws and the vomer; barbels slender, nasal reaching eye, maxillary nearly reaching ventral origin, inner mandibular shorter than the outer but longer than nasal; gill-openings large; gill-membranes free from isthmus; dorsal situated a little nearer anal origin than tip of snout, with a slender smooth spine; adipose dorsal long, its base much longer than head; pectoral not reaching ventral; ventral not reaching anal; caudal deeply forked, the upper lobe the longer; body naked; lateral line straight.

Color in alcohol brownish.

This species is closely allied to *Leiocassis armatus* (Day) from India, but differs from it in having larger head, shorter nasal barbel, smooth dorsal spine, and fewer anal rays.

Measurements of another example from the same locality are as follows:

Number	Body length in mm	Depth in length	Head in length	Dorsal rays	Anal rays
12903	130	6.4	3.7	2/7	2/9

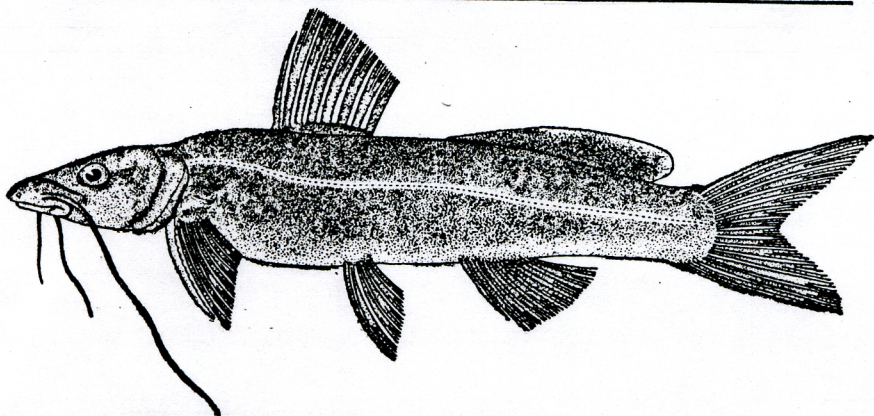


Fig. 2. *Leiocassis hainanensis* sp. nov.