

中国鯰科鱼类一新属一新种*

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提 要 本文报导了鯰科鱼类 1 新属 1 新种, 定名为拟黄鲫属 *Pseudosetipinna*, 海州拟黄鲫 *Pseudosetipinna haizhouensis*。

主题词 鯰科鱼类

作者于 1984 年 4 月, 在海州湾采得鯰科鱼类标本 3 尾, 其外形酷似当地产的黄鲫 (*Setipinna laty*), 唯无腹鳍。对此我们进行了连续三年的调查研究, 从江苏沿海水域共采获此标本 34 尾, 现保存 28 尾。经研究鉴定, 认为是一新属一新种, 题名为拟黄鲫属 *Pseudosetipinna* Peng et Zhao gen. nov. 海州拟黄鲫 *Pseudosetipinna haizhouensis* Peng et Zhao sp. nov.

现将新属新种描述如下:

拟黄鲫属(新属) *Pseudosetipinna* Peng et Zhao gen. nov.

属的模式种: 海州拟黄鲫 *Pseudosetipinna haizhouensis* Peng et Zhao sp. nov.

体颇侧扁, 长形。背腹部均凸起成弧形。头较小。口大, 口裂长。上颌略长于下颌。上颌骨向后延长, 不伸达鳃孔。上下颌、犁骨、腭骨和舌上均密具细牙。体被圆鳞, 鳞易脱落。无侧线。腹缘自鳃孔下方至肛门具稜鳞。背鳍前方有一小刺。臀鳍基底甚长。胸鳍上部第一鳍条延长呈丝状。无腹鳍。无腰带骨。

本属的一般形态与黄鲫相似, 但黄鲫属有腹鳍, 有腹鳍腋鳞, 有腰带骨。

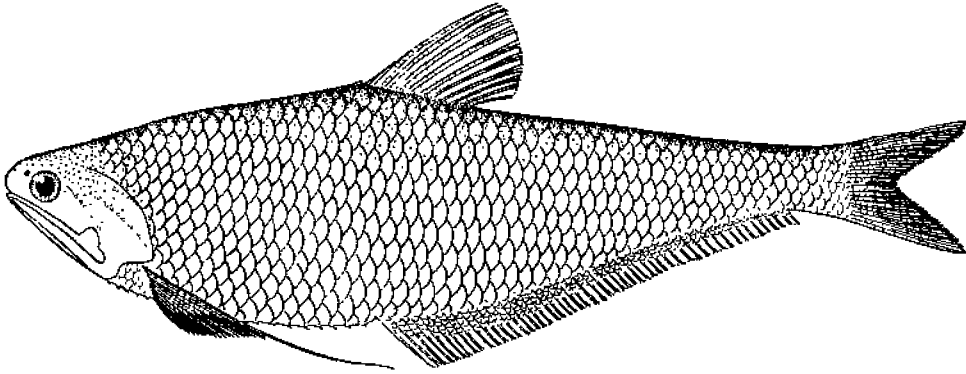
海州拟黄鲫(新种) *Pseudosetipinna haizhouensis* Peng et Zhao sp. nov. (附图)。

背鳍 11~13; 臀鳍 51~59; 胸鳍 12~13。纵列鳞 48~52; 横列鳞 12; 稜鳞 25~33。鳃耙 10~13+14~16。鳃盖条 12。椎骨数 49~50。

体长为体高 3.3~4.5 倍, 为头长 5.7~6.8 倍。头长为吻长 5.4~6.3 倍, 为眼径 3.8~4.6 倍, 为眼间隔 2.9~3.7 倍。

体长形, 颇侧扁。背、腹缘侧视呈浅弧形隆起。背缘窄、腹缘呈刃状。头侧扁, 较小。吻短钝, 吻长小于眼径。眼侧前位。眼间隔稍大于眼径, 微隆起。鼻孔位于眼前缘上方。口大而倾斜, 口裂长。上颌略长于下颌。上颌骨向后延长, 不伸达鳃孔。上下颌、犁骨、腭骨和舌上均密具细牙。鳃孔大, 向前达眼的下方。鳃盖膜左右分离, 不与峡部相连。有假鳃。鳃耙稀疏, 扁长, 内侧有刺状突起。肛门距吻端较距尾鳍基为近。尾部长约为叉长的

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附图 海州拟黄鲫(体长170毫米,♀)

Attached fig. *Pseudosetipinna haishouensis* Peng et Zhao sp. nov. (body length 170 mm. ♀)

二分之一。尾柄高大于尾柄长。

体被薄圆鳞,易脱落。无侧线。腹缘自鳃孔下方至肛门具稜鳞。背鳍起点与臀鳍起点相对,背鳍前方有一小刺。臀鳍基部长,约为体长的二分之一。胸鳍位低,上部第一鳍条延长呈丝状,向后达到或伸越臀鳍起点,基部内侧有腋鳞。尾鳍叉形。无腹鳍,无腰带骨。

体银白色,背侧暗黄,背缘和尾鳍后缘暗黑色。

本种与黄鲫椎骨数的计数结果列表如下:

种 species	椎骨数 number of vertebrae				总尾数 N
	48	49	50	51	
海州拟黄鲫 <i>Pseudosetipinna haishouensis</i>		11	13		24
黄鲫 <i>Setipinna taty</i>	1	54	44	1	100

海州拟黄鲫在江苏近海出现的时间是在春秋两季黄鲫渔汛的后期。通常在底刺网作业中和黄鲫同时捕获,为近底层鱼类。春季捕获的雌体卵巢多处于IV期。

正模标本 1尾,标本号S 1528,体长170毫米(♀),1986年5月23日采自江苏吕泗。

副模标本 4尾,标本号S 1520(体长161毫米♀)、S 1521(体长171毫米♂),与正模标本同时采到;S 1398(体长161毫米♂)于1984年6月12日采自江苏吕泗;N 1192(体长143毫米♂)于1984年10月15日采自江苏连云港。

正模标本存扬州市水产研究所,副模标本分别存扬州市水产研究所和南京农业大学。

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A NEW GENUS AND A NEW SPECIES OF CHINESE ANCHOVIES

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ABSTRACT Authors collected a species of anchovies at the Haizhou Bay off Jiangsu Province in April 1984. The anchovy closely resembles *Setipinna taty* except the absence of ventral fins. We have continuously carried out the investigation along the coast waters of Jiangsu for three years. 34 specimens were collected. After examination, it is designated to be a new genus and a new species, named *Pseudosetipinna* Peng et Zhao gen. nov.; *Pseudosetipinna haizhouensis* Peng et Zhao sp. nov. The description of the new genus and new species are as follows:

Pseudosetipinna Peng et Zhao gen. nov.

Genotype *Pseudosetipinna haizhouensis* Peng et Zhao sp. nov.

Body oblong, strongly compressed, dorsal and ventral profile convex. Head rather small, Mouth large, cleft of mouth long. Upper jaw slightly longer than lower jaw. Maxillary extending backward not reaching to gill cleft. Teeth on jaws, vomer, Palatines and tongue, dense and fine. Scales cycloid, deciduous. without lateral line. Abdominal scutes from lower part of gill opening to anus. A small spine in front of dorsal. Anal very long. Upper pectoral ray prolonged in filamentous shape, reaching or beyond to origin of anal. without ventral fins and pelvic girdle as well. This genus is similar to the genus *Setipinna*, the latter is characterized by the presence of ventral fins, ventral axillary scale and pelvic girdle bone.

Pseudosetipinna haizhouensis Peng et Zhao sp. nov.

D. 11-13; A. 51-59; P. 12-13; L. 1. 48-52, L. tr. 12; Scutes 25-33; Gr. 10-13 + 14-16; Br. 12; Vert. 49-50.

Depth 3.3-4.5 in length without caudal fin, head 5.7-6.8. Snout 5.4-6.3 in head, eye 3.8-4.6, interorbital 2.9-3.7. Colour silvery back dark-yellowish, posterior margin of caudal fin dark black.

The fish is a demersal fish in the offshore waters of the Jiangsu Province. It appears in the later period of *Setipinna taty* fishing season both in spring and autumn. Both of them can be fished at the same time in the bottom gill net. In spring the ovaries develop to IV STAGE stage.

Holotype No. S1528, length without caudal 170(♀), collected from Lusi, Jiangsu Province, May 23, 1986.

Paratype 4, Nos. S1520, S1521, length 161mm(♀), 171mm(♂), collected with the holotype specimen; No. S1398, length 161mm(♂), Lusi, Jiangsu Province, June 12, 1984; No. N1192, length 143mm(♂). Lianyungang, Jiangsu Province, October 15, 1984.

The holotype is kept in Yangzhou Fisheries Institute. The paratype kept in Yangzhou Fisheries Institute and Nanjing Agricultural University respectively.

KEYWORD anchovies