

**Cyprinus pellegrini** sp. nov.

Text. fig. 5.

Description of a specimen from Tunghai, Yunnan. No. 1310, in Zoological Museum of Fan Memorial Institute of Biology.

Length to base of caudal 120 mm. Depth in length 3.3; head 2.8. Eye in head 4; snout 3.3; interorbital 2.6; depth of caudal peduncle 3.4, its length 2; width of head 1.9, its depth 1.5; base of anal 4.2; pectoral 1.9; ventral 2.2; longest dorsal ray 2.9; longest anal ray 2.9.

D. 4/16.

A. 3/5.

Scales 34.  $\frac{6}{8\frac{1}{2}}$ 

Body elongate and compressed, the part before dorsal comparatively high; caudal peduncle low and much compressed; abdomen rounded; vent immediately before anal; head much large and very broad as that of *Hypophthalmichthys nobilis*; interorbital very broad; eye lateral, situated in the anterior part of head, nostrils nearer eye than tip of snout; mouth large, oblique, maxillary extending to below anterior margin of eye, lower jaw bending upward; gill-membranes joined to isthmus under preopercle; barbels absent.

Dorsal long, its last simple ray strongly ossified and serrated posteriorly, origin of dorsal opposite to that of ventral, nearer caudal base than tip of snout; pectoral reaching ventral; ventral nearly reaching anal; anal short, with last simple ray ossified and serrated; caudal deeply forked.

Scales large, 6 scales between dorsal and lateral line and 5 between lateral line and ventral base; lateral line complete, curved anteriorly, running in the middle of the tail; air-bladder large, bipartite, the anterior part very large and round as that of *Hypophthalmichthys*, posterior part very small; pharyngeal teeth molariform, in three rows 3, 1, 1/1, 1, 3.

Color, in alcohol, grayish above, white below; upper part of head blackish, dorsal and caudal dusky, other fins white.

This species (resembles to) *Cyprinus carpio* Linnaeus but differs from that in having larger head, broader interorbital space, absence of barbels, 6 scales between lateral line and dorsal and the structure of the mouth.

This species is named after Dr. Jacques Pellegrin, assistant professor of the National Museum of Paris, in France.



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Distribution: Yunnan.

MEASUREMENTS OF SPECIMENS OF *Cyprinus pellegrini* sp. nov. FROM THE SAME LOCALITY.

Number	Length to caudal base	Depth in length	Head in length	Eye in head	Dorsal ray	Anal ray	Scales
2931.	90 mm	3.6	3.0	3.3	4/18	3/5	$38\frac{7}{7\frac{1}{2}}$
9235.	92 mm	3.5	2.8	3.2	4/16	3/5	$36\frac{7}{7\frac{1}{2}}$

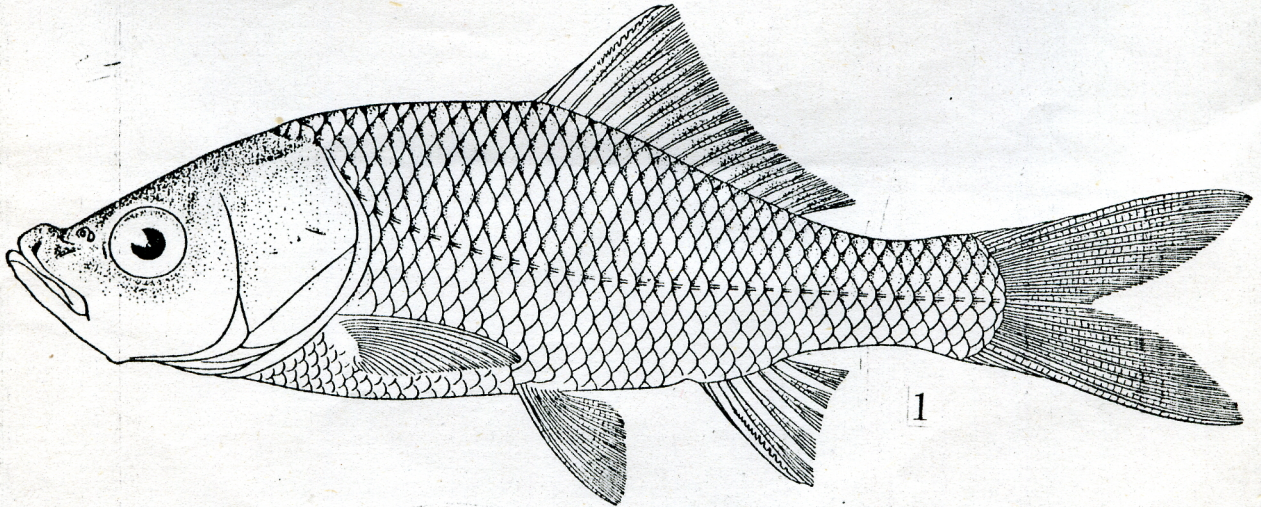


Fig. 5. *Cyprinus pellegrini* sp. nov.

***Cyprinus yunnanensis*** sp. nov.

Text Fig. 6.

Description of a single specimen from Yunnan. No 9234, in Zoological Museum of Fan Memorial Institute of Biology.

(Length to base of caudal 85 mm.) Depth in length 3.7; head 3. Eye in head 4; snout 3.2; interorbital 4; depth of caudal peduncle 3, its length 2; width of head 2.2, its depth 1.7; base of anal 3.3; pectoral 1.8; ventral 2.2; longest dorsal ray 2.2; longest anal ray 2.4.

D. 4/19.

A. 3/5.

Scales  $36\frac{6}{8\frac{1}{2}}$