

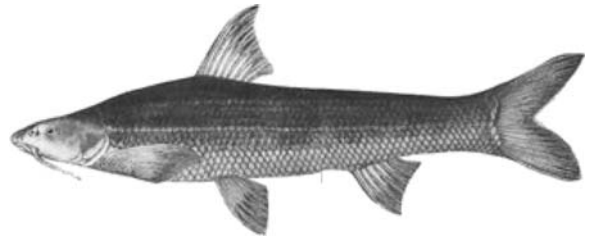
Threatened fishes of the world: *Coreius septentrionalis* (Nichols, 1925) (Cyprinidae)

Denghang Yu · Shiyuan Gong · Renhai Peng

Received: 26 February 2009 / Accepted: 19 October 2009 / Published online: 30 October 2009
© Springer Science + Business Media B.V. 2009

Keywords *Coreius septentrionalis* Nichols · Threatened fishes

Common name: Pigeon fish (Chinese). **Conservation status:** Threatened in China Red Data Book (Yue and Chen 1998) and China Species Red List (Wang and Xie 2004). **Identification:** A freshwater fish; long cylindrical body, small and slightly flattened head, horseshoe-shaped mouth with sharp and prominent lips, a pair of rough long barbels, small round eyes with red iris (Li 1990). Lateral line scales 55–56, D: 3, 7; P: 1, 18; V: 1, 7; A: 3, 6 (Wu et al. 1964). This illustration is from Chinese Cyprinidae Records (Wu et al. 1964). **Distribution:** Only found in the Yellow River in China. **Habitat and ecology:** Lives in the middle layer of the river, where the water flow is moderate and with a lot of gravel on the substrate (Peng 2007). **Reproduction:** Mature adults migrate upstream to breed in the spawning grounds in areas with fast currents in May to July. **Threats:** Popula-



tions have declined seriously due to overfishing and water pollution (Li 1990). **Conservation action:** No specific action has been adopted for this fish. **Conservation recommendation:** Water pollution should be controlled; spring fishing prohibition period should be adopted; artificial breeding and hatching should be attempted; and protection of fish resources should be progressively achieved.

References

- Li ZH (1990) Threatned fish: *Coreius septentrionalis* Nichols (in Chinese). China Nature 2
- Peng RH (2007) Culture test of *Coreius septentrionalis* Nichols (in Chinese). Scientific Fish Farming. Vol. 6
- Yue PQ, Chen YY (1998) China red data book of endangered animals: pisces. Science, Beijing (in Chinese with English translation)
- Wang S, Xie Y (2004) China species red list. Red list, vol. 1. Higher Education, Beijing in Chinese
- Wu XW et al (1964) Chinese cyprinidae records. Science and Technology, Shanghai, p 504 in Chinese

D. Yu (✉) · S. Gong · R. Peng
College of Fisheries, Huazhong Agricultural University,
Wuhan 430070, China
e-mail: yudenghang1985@163.com

D. Yu · S. Gong · R. Peng
School of Biotechnology and Food,
Anyang Institute of Technology,
Anyang 455000, China