



***Cipangopaludina* Hannibal, 1912**

Diagnostic features

Shell medium to large, broadly conical to globosely conical, brown or greenish in colour. Sculpture smooth with growth lines and axial undulations. Aperture subcircular, inner lip whitish blue and outer lip black in colour. Protoconch smooth, three main rows of setae on last whorl. Head and foot black. For more information refer to Lu et al. (2014).

Classification

Cipangopaludina Hannibal, 1912

Class Gastropoda

Infraclass Caenogastropoda

Informal group Architaenioglossa

Order Viviparida

Superfamily Viviparioidea

Family Viviparidae

Subfamily: Bellamyinae

Genus *Cipangopaludina* Hannibal, 1912

Type species: *Paludina malleata* Reeve, 1863

Original reference: Hannibal H. 1912. A synopsis of the Recent and Tertiary freshwater molluscs of the Californian province, based upon an ontogenetic classification. *Proceedings of the Malacological Society of London*, 10: 194.

Type locality: Japan

Synonym: *Lecythoconcha* Annandale 1920.

Biology and ecology

Members of this genus live in slow-moving water such as lakes, pond, irrigation canals, ditches and slow moving streams. It is a benthic grazer and filter feeder, feeding on benthic and epiphytic diatoms often found on sandy to muddy substrata.

Distribution

China, Japan, Korea, Eastern Russia, Thailand, Vietnam, Laos, India, Myanmar and Malaysia. Introduced into other parts of the world including the United States, Canada, Europe and Australia.

Notes

Members of this genus are a source of food in parts of Asia. Two species have been recorded as invasive. Only one species has so far been recorded from Australia (*Cipangopaludina japonica*) which is (so far) restricted to one locality north of Sydney where it is sold from open concrete ponds.

Further reading

Jokinen, E. H. (1992). *The Freshwater Snails (Mollusca: Gastropoda) of New York State*. The University of the State of New York, The State Education Department, The New York State Museum, Albany, New York 12230. 112 pp.

Kim, H. & Kim, J. G. (2006). Heavy metal concentrations in the mollusc gastropod, *Cipangopaludina chinensis malleata* from Upo wetland reflect the level of heavy metals in the sediments. *Journal of Ecology and Field Biology* 29: 453-460.

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Smith, D. G. (2000). Notes on the taxonomy of introduced *Bellamya* (Gastropoda: Viviparidae) species in northeastern North America. *The Nautilus* 114: 31-37.

Van Bocxlaer, B. & Strong, E. E. (2019). Viviparidae Gray, 1847. Pp. 43-50 in C. Lydeard & Cummings, K. S. *Freshwater Mollusks of the World: a Distribution Atlas*. Baltimore, John Hopkins University Press.

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