SHORT COMMUNICATION

ARIOPHANTA HUBERI THACH, 2018 IS NOT A PULMONATE, BUT A JUVENILE POLLICARIA ROCHEBRUNI (MABILLE, 1887) (GASTROPODA: CYCLOPHOROIDEA: PUPINIDAE)

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ABSTRACT: Two new synonyms of the pupinid Pollicaria rochebruni (Mabille, 1887) are recognised here. Namely, Hybocystis balansai Mabille, 1889, and Ariophanta huberi Thach, 2018. The former was found in the collection of the Muséum National d’Histoire Naturelle (Paris), and was not included in the recent revision of the genus Pollicaria, whereas the latter was described based on a single juvenile shell somewhat reminiscent of a helicarionid shell.

KEY WORDS: synonym, taxonomy, Vietnam, land snail

THACH (2018) described three new genera and 132 species and subspecies of molluscs, mainly from Southeast Asia. Among them, he named Ariophanta huberi Thach, 2018 based on a single specimen. However, the holotype of A. huberi is a juvenile Pollicaria rochebruni (Mabille, 1887) (Pupinidae, Caenogastropoda), not an Ariophanta (Ariophantidae, Heterobranchia) (BOUCHET et al. 2017). Additionally, here we report another synonym of P. rochebruni (Hybocystis balansai Mabille, 1889), which was not included in the recent revision of Pollicaria (KONGIM et al. 2013).

TAXONOMIC PART

Class: Gastropoda
Subclass: Caenogastropoda
Superfamily: Cyclophoroidea Gray, 1847
Family: Pupinidae L. Pfeiffer, 1853

Genus: Pollicaria Gould, 1856
Pollicaria GOULD 1856: 14.

Pollicaria rochebruni (Mabille, 1887)
Hybocystis rochebruni MABILLE 1887: 12.

Hybocystis balansai Mabille, 1889 new synonym
Pollicaria rochebruni, KONGIM et al. 2013: 35–37, figs 5D–E, 6E.
Ariophanta huberi Thach, 2018 (THACH 2018: 41, figs 548–549 (4 figs)) new synonym

Material examined: Mt. Bavy (Tonkin) [Ba Vi Mountain Range, northern Vietnam, northwest of Hanoi], Muséum National d’Histoire Naturelle, Paris, France (MNHN) (2 syntypes of Hybocystis balansai; Fig. 1); no locality, 2 syntypes of Hybocystis

**Remarks:** The holotype of Ariophanta huberi is a juvenile Pollicaria shell. A similar mistake was made by Benson (1856), who described a juvenile shell of Pollicaria gravida (Benson, 1856) as Otopoma blennus Benson, 1856 (Benson 1859, Kongim et al. 2013).

Ariophanta huberi was described from Ninh Hòa District, Khánh Hòa Province of southern Vietnam. The geographically closest Pollicaria species is Pollicaria rochebruni (Mabille, 1887), which is reported from the vicinity of Da Nang (approx. 430 km from the type locality of Ariophanta huberi). Although the geographic distance and the juvenile condition of the holotype leaves some doubts about the identity of “Ariophanta huberi”, the size, shell colour and the generally large distributional area of Pollicaria species suggest that it is a synonym of P. rochebruni.

Ariophanta huberi Thach, 2018, and Pollicaria huberi Thach, 2018, become secondary homonyms, because the former is described based on a juvenile Pollicaria shell. As First Revisers, we give precedence to the name Pollicaria huberi Thach, 2018, over the name Ariophanta huberi Thach, 2018, so we do not need to give replacement name for Ariophanta huberi Thach, 2018. The validity of Pollicaria species described by Thach (2018) are not discussed in this note.

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Two new synonyms of *Pollicaria rochebruni* 269

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