

# ***Formosania*: A replacement name for *Crossostoma* Sauvage, 1878 (Teleostei), a junior homonym of *Crossostoma* Morris & Lycett, 1851 (Gastropoda)**

by

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**RÉSUMÉ.** - *Formosania* : un nom de remplacement pour *Crossostoma* Sauvage, 1878 (Teleostei), homonyme junior de *Crossostoma* Morris & Lycett, 1851 (Gastropoda).

Le nom générique *Crossostoma* Sauvage, 1878 (Teleostei, Balitoridae) est préoccupé par le nom *Crossostoma* Morris & Lycett, 1851 (Gastropoda). Le remplacement du nom *Crossostoma* par le nom *Formosania* est recommandé pour ce genre de Balitoridae de l'Asie du sud-est.

Key words. - Balitoridae - *Crossostoma* - *Formosania* - Replacement name - Taxonomy.

The generic name *Crossostoma* has been used in four groups of animals, viz., Gastropoda (*Crossostoma pratti* Morris & Lycett, 1851, Prosobranchia, Archaeogastropoda, Jurassic snails of the family Crossostomatidae), Polychaeta (*Crossostoma midas* Gosse, 1855, Atlantic species of the family Ampharetidae), marine Coelenterata (*Crossostoma frondosa* Agassiz, 1862, Scyphomedusae), and fishes (*Crossostoma davidi* Sauvage, 1878, Teleostei, Cypriniformes, South-east Asian loaches of the family Balitoridae).

The history of the reported homonymy mentioned above is as follows: the gastropod genus is valid after Moore (1960). The polychaete genus *Crossostoma* was synonymized with the genus *Amphicteis* by Hartley (1985). The coelenterate genus *Crossostoma* was synonymized by Mayer (1910) with *Versura* (changed to *Versuriga* by Kramp in 1961).

The fish generic name *Crossostoma* is valid according to Tang and Chen (2000) and Yue (2000). It had also been cited earlier by Jordan (1919, 1923). Altogether six valid species have been recognized in the fish genus *Crossostoma* by Tzeng *et al.* (1990), Tang and Chen (2000) and Eschmeyer (2004): *Crossostoma cheniyiyui* Zheng, 1991; *C. davidi* Sauvage, 1878; *C. fasciata* Nichols, 1926 (with a subspecies *C. f. fochowensis* Tchang, 1932); *Crossostoma lacustre* Steindachner, 1908; (syn. *Homaloptera formosana* Boulenger, 1894; *H. formosanum* Steindachner, 1908; *Formosania gilberti* Oshima, 1919; *Crossostoma tengi* Watanabe, 1983); *C. paucisquamata* Zheng, 1981 and *C. stigmata* Nichols, 1926.

The fish name *Crossostoma* is clearly preoccupied by the gastropod genus. On these grounds we recommend the replacement name *Formosania* Oshima, 1919 for the fish genus *Crossostoma*. The correct name of the type species is then *Formosania davidi* (Sauvage, 1878).

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