

COMPOSITION OF FRESH WATER MUSSEL, *Pilsbryconcha* SIMPSON 1900 (*UNIONOIDA*; *AMBLEMIDAE*), IN DONG NAI RIVER

Le Thi Luom, Pham Van Mien, Hoang Duc Huy

Summary

The research findings regarding the composition of *Pilsbryconcha*, a fresh water mussel, is a part of the study into the composition and typical distribution of macroinvertebrate population as the database for analyzing and assessing the water quality in Dong Nai river. Among the seven species and subspecies identified, *Pilsbryconcha lemeslei* has a narrower distribution than the others, mainly found in two currents not affected by tide such as La Nga and Mang rivers. *P. suilla* and *P. compressa* are now confirmed as a valid species, but they are less spotted than four other species and subspecies, namely *P. expressa*, *P. exilisexilis*, *P. exilis compressa* and *P. carinifera*. The 1974 Brandt's identification key is also applied to categorize all the investigated species. At the local markets, the number of mussel originally from Dong Nai river is by far the smallest; instead, they are mainly caught in Mekong river, Ray river and Tri An lakes.

Keywords: *Pilsbryconcha*, Dong Nai river, fresh water mussel.