



## Атлас современных моллюсков северной Евразии

### Guide to Recent molluscs of northern Eurasia<sup>1</sup>

#### 1. Gastropods of the families Muricidae and Thaididae from the seas of Russia

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The purpose of the work is to publish for the first time the list of all previously described species of molluscs of the family Muricidae Rafinesque, 1815 and family Thaididae Jousseume, 1888, certainly recorded in the seas of Russia. It consists of 32 species. Besides, the paper contains photographs and brief characteristics of one species of the genus *Boreotrophon* and one species of the genus *Trophonopsis*, which do not fit any previously published description. Apparently these species are new for science.

The data on the species distribution have been obtained from the published sources as well as basing on samples stored in the collections of Zoological Museum of Moscow State University, Zoological Institute of Russian Academy of Sciences and private shell collections.

Dimensions, provided in the species diagnoses, are average for the adult specimens from the seas of Russia. The category of rarity in the species descriptions reflects the occurrence in the collections and is not obligatory similar to that in nature.

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Abbreviations used in the text:

H — the shell height

D — the shell diameter

ZIN — Zoological Institute of Russian Academy of Sciences, St. Petersburg

#### Family MURICIDAE Rafinesque, 1815

Shell of pear or spindle form, with well expressed axial and spiral sculpture, often with nodules and spines. Canal is straight, widely opened or closed. Operculum is horny, irregularly oval or elongate-triangular, with terminal nucleus.

#### Genus *CERATOSTOMA* Herrmannsen, 1846

Shell large. Sculpture consists of high axial varices, thin folds and widely spaced spiral ribs. Aperture is irregularly ovate, with two spines on the lower part of the outer lip.

<sup>1</sup> Editorial: From this number, we start publication of the series of articles, devoted to the molluscan fauna of the northern Eurasia (territory of the former USSR). Articles will be published not in systematic order, but depending on to the completeness of the study of the group. Since there is no general guide to the malacofauna of the mentioned region, we hope that this series will be useful both for specialists and shell collectors.

От редакции: С этого номера мы начинаем публиковать серию статей, охватывающих все разнообразие современных моллюсков территории северной Евразии (бывшего СССР). Статьи будут выходить в порядке готовности, но не в систематической последовательности. Поскольку до настоящего времени не существует определителя, охватывающего всех моллюсков указанной территории, мы считаем, что такого рода публикации будут полезны не только для специалистов, но и для коллекционеров. Мы приглашаем всех малакологов поддержать наше начинание и присылать нам статьи по изученным ими группам.