



## Атлас современных моллюсков северной Евразии

## Guide to Recent molluscs of northern Eurasia

### 2. Fauna of gastropods of the family Littorinidae from the seas of Russia

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The purpose of the work is to publish for the first time a list of all previously described species of molluscs of the family Littorinidae Gray, 1940 certainly recorded in the seas of Russia. It consists of 11 species.

The data on the species distribution were obtained from published works as well as from samples stored in the collections of Zoological Museum of Moscow State University and Zoological Institute of Russian Academy of Sciences.

Dimensions given in the species diagnoses are the average for adult specimens from the seas of Russia.

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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 LITTORINIDAE Gray, 1840

Shell is solid, small, oval-conic, oval or almost spherical. Sculpture consists of distinct growth lines and spiral lines and ribs. Periostracum very delicate, usually feebly developed. Operculum is horny, with displaced nucleus and small number of volutions.

#### Genus LITTORINA Ferussac, 1821

Shell is solid, oval-spherical or oval-cube

form, the body whorl comprises at least  $\frac{3}{4}$  of the shell height.

Type species *Turbo obtusatus* Linne, 1758.

#### *Littorina littorea* (Linne, 1758)

(Fig. 1, A)

*Turbo littoreus* Linne, 1758: 761.

Axial sculpture consists of oblique growth lines, arranged with intervals. Spiral sculpture consists of broad, slightly flattened ribs covered by numerous delicate spiral lines and situated on all the shell surface. Shell is light-yellow or gray to dark-brown or olive.

H 41 mm D 33 mm

Atlantic boreal species, in Russia was found in White and Barentz seas at depth to 20 metres.

#### *Littorina squalida* Broderip et Sowerby, 1829

(Fig. 1, B)

*Littorina squalida* Broderip, Sowerby, 1829 : 370.

Sculpture consists of delicate, oblique growth lines and very flat, closely set spiral ribs, unequal in width, which are covered by very delicate wavy secondary riblets. Shell is light-gray to dark-gray or green, there are also light-brown spiral bands.

H 42 mm, D 37 mm

Pacific boreal species, in Russia in the Japan Sea.

#### *Littorina aleutica* Dall, 1872

(Fig. 1, J)

*Littorina aleutica* Dall, 1872 : 271, pl. 1, fig. 3.

Axial sculpture consists of distinct, oblique