

Bryozoa from the Posyeta Bay, Sea of Japan

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A list of 17 species collected in 1982 is given. Six species (two of them identified to the generic level only) are new to the fauna of the Posyeta Bay.

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The Posyeta Bay is situated in the southern part of the Peter the Great Bay, the Sea of Japan. A list of species collected in this bay by the author in 1982 during the expedition of Zoological Institute, St.Petersburg, is given below. Diving technique was used for collecting. The names of species new to the fauna of the Posyeta Bay are asterisked.

CHEILOSTOMATA

Caulorhamphus spiniferus (Johnston). Cape Nizmennyi, depth 8-10 m, rocky ground, on rocks and *Crenomytilus grayanus* shells, 7.IX.

***Bugula pacifica nana** Androsova. Off Posyet settlement, depth 10-12 m, rocky ground, on *Crenomytilus grayanus* shells, 9.IX; Klykov Bank, depth 8-10 m, rocky ground, on rocks, 9.IX. Colonies with ovicells.

Bugula neritina (Linnaeus). Cape Nizmennyi, depth 8-10 m, rocky ground, 7.IX; off Posyet settlement, depth 10-12 m, rocky ground, on stones and *Crenomytilus grayanus* shells, 9.IX; Klykov Bank, depth 8-10 m, rocky ground, 9.IX. In two samples, colonies with ovicells.

Beania mirabilis Johnston. Off Posyet settlement, depth 10-12 m, rocky ground, on stones, 9.IX; Klykov Bank, depth 8-10 m, rocky ground, 9.IX; Kreiserok Bay, depth 6 m, rocky ground, 9.IX.

Tricellaria ternata (Ellis & Solander). Cape Nizmennyi, depth 8-10 m, rocky ground, 7.IX; Kreiserok Bay, depth 6 m, rocky ground, 9.IX.

Cribrilina annulata (Fabricius). Near Shelekhov Cape, depth 2-3 m, rocks with stones, 5.IX.

***Hippoporidra coarctata** (Androsova). Klykov Bank, depth 18-20 m, rocky ground, 9.IX.

***Porella obesa** (Waters). Klykov Bank, depth 18-20 m, rocky ground, 9.IX.

Hippothoa hyalina (Linnaeus). Cape Nizmennyi, depth 8-10 m, rocky ground, on algae, 7.IX.

***Phylactella?** sp. Klykov Bank, depth 18-20 m, rocky ground, on *Crenomytilus grayanus* shells, 9.IX.

Microporella sp. Near Shelekhov Cape, depth 2-3 m, rocks with stones, 5.IX; Cape Nizmennyi, depth 8-10 m, rocky ground, 7.IX; Klykov Bank, depth 18-20 m, rocky ground, 9.IX. On *Crenomytilus grayanus* shells.

Fenestrulina malusii (Audouin). Cape Nizmennyi, depth 8-10 m, rocky ground, 7.IX; Klykov Bank, depth 18-20 m, rocky ground, 9.IX.

Eurystomella reticulata (Okada). Cape Nizmennyi, depth 8-10 m, rocky ground, on rocks and *Crenomytilus grayanus* shells, 7.IX.

Watersipora cucullata var. **watersi** Mawatari. Cape Nizmennyi, depth 8-10 m, rocky ground, 7.IX; Cape Yuzhnyi, depth 10-12 m, stones, 7.IX; Klykov Bank, depth 18-20 m, rocky ground, 9.IX.

Cellepora sp. Near Shelekhov Cape, depth 2-3 m, rocks with stones, 5.IX; Cape Nizmennyi, depth 8-10 m, rocky ground, 7.IX; Klykov Bank, depth 18-20 m, rocky ground, 9.IX.

***Schizoretepora imperati tumescens** Ortmann. Klykov Bank, depth 8-10 m, on rock, 9.IX, one small colony.

CTENOSTOMATA

***Bowerbankia** sp. Kreiserok Bay, depth 6 m, rocky ground, 9.IX.

Discussion

The following additional species of Cheilostomata were recorded from the Posyeta Bay by Androsova (1971): *Membraniporella aragoi* (Audouin), *Reginella furcata* (Hincks), *Lyrula hyppocrepsis possjeti* Androsova, *Schizoporella unicornis* (Johnston), *Exochella areolata* Okada & Mawatari, *Microporella echinata* Androsova.

The Posyeta Bay has a fauna of transitional character, combining relatively cold- and warm-water elements. The latter may testify to an influence of subtropical water masses, which bring relatively warm-water faunal elements to this bay. On the other hand, cold-water species predominate in the local fauna, which is probably determined by relatively severe conditions of seasons other than the summer one.

References

Androsova, E.I. 1971. Bryozoa of the Posyeta Bay, Sea of Japan. *Issled. Fauny Morey*, 8: 144-150. (In Russian).

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