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| **Vadim Khaitov** |



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Vadim has more than thirty years of experience in marine research in the Arctic. He has participated in more than a fifty expeditions at the White and Barents Seas and at the area of Svalbard. As a leading researcher of the Kandalaksha State Nature Reserve, he has co-authored numerous expert reports. Vadim has a PhD in Biology (he mantained the phd-thesis in 1999). He is currently working in the field of population ecology and synecology of marine benthic invertebrates. As an assistant professor in St. Petersburg State University, Vadim developed several BS and MS courses in biostatistics and general ecology. He is the main author or co-author of about 40 scientific articles published in leading Russian and international journals and other sources. He is currently working in Kandalaksha State Reserve and St. Petersburg State University (Department of Invertebrate Zoology) and is the main implementer of the project supported by Russian Science Foundation (Grant Number: 19-74-20024).

**Education**

**CONTACT INFORMATION**

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Russian Federation

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| Institution: | St. Petersburg State University, St.Petersburg |
| Dates: | 1989-1995 |
| Degree(s) or Diploma(s) obtained: | Master of Science (Biology – Zoology);  Candidate of Sciences (PhD), St.Petersburg State University, St.Petersburg, 1999 |

**Language Skills**

Russian (native), English

Area of expertise:

Biological education

Field scientific work management

Biostatistics

Population biology

Dynamics of benthic communities

**Selected Project experience**

RFBR 13-04-00394. Dynamics of marine hybrid zones (example of *Mytilus edulis* and *Macoma balthica* complexes). Head P. P. Strelkov. 2013-2015.

RFBR 13-04-10178. Scientific project of expedition for investigation of influences of inter-specific interaction between foundation species on structure and dynamics of marine benthic communities. Head E. L. Yakovis. 2013.

RFBR 08-04-01373-а. Analysis of structure and dynamics of communities with several foundation species. Marine benthos example. Head E. L. Yakovis. 2008-2010.

RFBR 08-04-01315-а. Mussels (Mytilus) of Kola peninsula: dynamics of abundance and gene pool. Head P. P. Strelkov. 2008-2010.

RFBR 09-04-10126-к. Biological expedition for investigation of mussels (Mytilus) of Kola peninsula. Head P. P. Strelkov. 2009.

RFBR 09-04-10126-к. Biological expedition for investigation of mussels (Mytilus) of Murman and Kandalaksha coast (White and Barents Seas). Head P. P. Strelkov. 2010.

RFBR 11-04-11510-с. Blue mussels. Head P. P. Strelkov. 2011.

RSF 19-74-20024. Marine species, fisheries and mariculture, under hybridization and clonal cancer infections. Head P. P. Strelkov. - present.

**4. Selected publications**

Khaitov, V., Marchenko, J., Katolikova, M., Väinölä, R., Kingston, S. E., Carlon, D. B., ... & Strelkov, P. (2021). Species identification based on a semi-diagnostic marker: Evaluation of a simple conchological test for distinguishing blue mussels Mytilus edulis L. and M. trossulus Gould. Plos one, 16(7), e0249587.

Usov, N. V., Khaitov, V. M., Kutcheva, I. P., & Martynova, D. M. (2021). Phenological responses of the Arctic, ubiquitous, and boreal copepod species to long-term changes in the annual seasonality of the water temperature in the White Sea. Polar Biology, 44(5), 959-976.

Usov, N., Khaitov, V., Smirnov, V., & Sukhotin, A. (2019). Spatial and temporal variation of hydrological characteristics and zooplankton community composition influenced by freshwater runoff in the shallow Pechora Sea. Polar Biology, 42(9), 1647-1665.

Khaitov, V., Makarycheva, A., Gantsevich, M., Lentsman, N., Skazina, M., Gagarina, A., … Strelkov, P. (2018). Discriminating eaters: Sea stars asterias rubens L. Feed preferably on mytilus trossulus gould in mixed stocks of mytilus trossulus and mytilus edulis L. Biological Bulletin, 234(2). https://doi.org/10.1086/697944

Moss, D. K., Surge, D., & Khaitov, V. (2018). Lifespan and growth of Astarte borealis (Bivalvia) from Kandalaksha Gulf, White Sea, Russia. Polar Biology, 41(7). https://doi.org/10.1007/s00300-018-2290-9

Khaitov, V. M., & Lentsman, N. V. (2016). The cycle of mussels: long-term dynamics of mussel beds on intertidal soft bottoms at the White Sea. Hydrobiologia, 781(1). https://doi.org/10.1007/s10750-016-2837-0

Katolikova, M., Khaitov, V., Väinölä, R., Gantsevich, M., & Strelkov, P. (2016). Genetic, ecological and morphological distinctness of the blue mussels Mytilus trossulus gould and M. edulis l. in the White Sea. PLoS ONE, 11(4). <https://doi.org/10.1371/journal.pone.0152963>

Lajus, D., Glazkova, J., Sendek, D., Khaitov, V., & Lajus, J. (2015). Dynamics of fish catches in the eastern Gulf of Finland (Baltic Sea) and downstream of the Neva River during the 20th century. Aquatic Sciences, 77(3). https://doi.org/10.1007/s00027-014-0389-9

Khaitov, V. (2013). Life in an unstable house: Community dynamics in changing mussel beds. Hydrobiologia, 706(1). https://doi.org/10.1007/s10750-012-1283-x

Skazina, M., Sofronova, E., & Khaitov, V. (2013). Paving the way for the new generations: Astarte borealis population dynamics in the White Sea. Hydrobiologia, 706(1). https://doi.org/10.1007/s10750-012-1271-1