

Brief CV

Natalia Nikolaevna Shunatova

Born 24 March 1975, Murmansk; citizen of Russia

Education:

PhD in Zoology, St.-Petersburg State University, 2002.

Postgraduate student, St.-Petersburg State University, 1999-2002.

Master of Science (Biology – Zoology), St. Petersburg State University, 1999.

Master student, St.-Petersburg State University, 1996-1999.

Bachelor of Science (Biology), St. Petersburg State University, 1996.

Undergraduate student, St.-Petersburg State University, 1992-1996.

Professional experience:

Associate Professor: Department of Invertebrate Zoology, St.-Petersburg State University, St.-Petersburg, Russia (2008 – present).

Senior Lecturer: Department of Invertebrate Zoology, St.-Petersburg State University, St.-Petersburg, Russia (2006 – 2008).

Lecturer: Department of Invertebrate Zoology: St.-Petersburg State University, St.-Petersburg, Russia (2000 – 2006).

Scientific interests:

- functional and evolutionary morphology, feeding strategies in marine Invertebrates;
- Bryozoa: taxonomy, anatomy, behaviour, polymorphism and features of colony organization;
- larval structure, settlement and metamorphosis of marine Invertebrates;
- marine fauna, structure and dynamics of benthic communities, biotic interactions.

Courses:

For undergraduate students:

- “Basic Zoology: Lower Metazoa (Porifera, Placozoa, Cnidaria)”;
- “Basic Zoology: Tentaculata”;
- “Basic Zoology: Pogonophora”;
- “Comparative anatomy of Invertebrates”;
- Summer field course “Invertebrate Zoology” (‘Gross Practicum in Invertebrate Zoology’ – 3rd year; White Sea Marine Biological Station);
- Summer field course “Zoology of Invertebrates” (1st year students; White Sea Marine Biological Station);
- Practical course “Zoology of Invertebrates” (1st year);
- Practical course “Protistology” (1st year).

For master students:

- “General Zoology: Tentaculata”;
- “Special chapters of comparative anatomy”;
- “Evolutionary morphology”;
- “Feeding strategies of hydrobionts” – section of the course “Trophology” (for Master students of Ichthyology and Hydrobiology Department).

For Master and PhD students (in collaboration with colleagues):

- “Evolutionary and taxonomic diversity of marine invertebrates”

Professional memberships and positions:

International Bryozoology Association

Publications:

(i) Papers in Refereed Journals

- Alexeeva N, Tamberg Y, **Shunatova N.** Postembryonic development of pycnogonids: A deeper look inside. *Arthropod structure & development*. 2018. DOI: 10.1016/j.asd.2018.03.002
- Shunatova N.**, Nikishina D, Ivanov M, Berge J, Renaud PE, Ivanova T, Granovitch A. The longer the better: the effect of substrate on sessile biota in Arctic kelp forests. *Polar Biology*. 2018:1-19.
- Alexeeva N, Bogomolova E, Tamberg Y, **Shunatova N.** Oligomeric larvae of the pycnogonids revisited. *Journal of Morphology*. 2017. 278(9):1284-304.
- Tamberg Y., **Shunatova N.** Tentacle structure in freshwater bryozoans. *Journal of Morphology*, 2017. 278(5):718-33.
- Tamberg Yu., **Shunatova N.** Feeding behavior in freshwater bryozoans: function, form, and flow // *Invertebrate Biology*. 2016. Vol. 135 (2), pp. 138–149.
- Berge J., Daase M., Renaud P., Ambrose W. Jr., Darnis G., Last K., Leu E., Cohen J., Johnsen G., Moline M., Cottier F., Varpe Ø., **Shunatova N.**, Balazy P., Morata N., Massabuau J.-C., Falk-Petersen S., Kosobokova K. Hoppe C., Weslawski J.M., Kuklinski P., Legezynska J., Nikishina D., Cusa M., Kedra M., Wlodarska-Kowalczyk M., Vogedes M., Camus L., Tran D., Michaud E., Gabrielsen T., Granovitch A., Gonchar A., Krapp R., Callesen T. Unexpected levels of biological activity during the polar night offer new perspectives on a warming Arctic // *Current Biology*, 2015. Vol. 25, Issue 19, pp. 2555–2561.
- Strelkov P., **Shunatova N.**, Usov N., Fedyuk M., Malavenda S., Lubina O., Poloskin A., Korsun S. Marine Lake Mogilnoe (Kildin Island, Barents Sea): one hundred years of solitude // *Polar Biology*, 2014, V. 37, № 3, pp 297-310.
- Tamberg Y., **Shunatova N.**, Lezin P. 2014. Feeding behaviour of freshwater bryozoans *Cristatella mucedo* and *Plumatella fungosa* (Bryozoa, Phylactolaemata) // *Zoologicheskii zhurnal*. V. 93, № 3, p. 508–518 [in Russian, English summary].
- Tamberg Y., **Shunatova N.**, Yakovis E. 2013. Solitary entoprocts living on bryozoans – Commensals, mutualists or parasites? // *J. Exp. Mar. Biol. Ecol.* V. 440, № 1, p. 15-21.
- Yakovis E.L., Artemieva A.V., Fokin M.V., Varfolomeeva M.A., **Shunatova N.N.** 2013. Synchronous annual recruitment variation in barnacles and ascidians in the White Sea shallow subtidal 1999–2010 // *Hydrobiologia*, V. 706, p. 69–79.
- Varfolomeeva M.A., Artemieva A.V., **Shunatova N.N.**, Yakovis E.L. 2008. Growth and survival of barnacles in presence of co-dominating solitary ascidians: growth ring analysis // *J. Exp. Mar. Biol. Ecol.* V. 363, № 1, p. 42-47.
- Yakovis E.L., Artemieva A.V., **Shunatova N.N.**, Varfolomeeva M.A. 2008. Multiple foundation species shape benthic habitat islands // *Oecologia*. V. 155, № 4, p. 785-795.
- Yakovis E.L., Artemieva A.V., Fokin M.V., Varfolomeeva M.A., **Shunatova N.N.** 2007. Effect of habitat architecture on mobile benthic macrofauna associated with patches of barnacles and ascidians // *Mar. Ecol. Progr. Ser.* V. 348, p. 117-124.
- Yakovis E.L., Artemieva A.V., Fokin M.V., Grishankov A.V., **Shunatova N.N.** 2005. Patches of barnacles and ascidians in soft bottoms: associated motile fauna in relation to the surrounding assemblage // *J. Exp. Mar. Biol. Ecol.* V. 327, № 2, p. 210-224.
- Artemieva A.V., Grishankov A.V., Nikolaeva M.A., Fokin M.V., **Shunatova N.N.**, Yakovis E.L. 2004. The role of boring snails in benthic assemblage: drilled shells as information source // *Vestnik SpbGU. Ser. 3. Vyp. 4.* PP. 5-9. [in Russian, English summary].
- Shunatova N.N.**, Nielsen C. 2002. Putative sensory structures in marine bryozoans // *Invertebrate Biology*. 121 (3): 262 - 270.
- Shunatova N.N.**, Ostrovsky A.N. 2002. Group autozooidal behavior and chimneys in marine bryozoans // *Marine Biology*. 140: 503-518.

- Ostrovsky, A. N., **Shunatova, N. N.**, Antipenko I.I. 2002. Historical review on individual autozooidal behaviour and feeding mechanisms in Bryozoa // In Wyse Jackson, P.N. & Spencer Jones, M. (eds) *Annals of Bryozoology: aspects of the history of research on bryozoans*. International Bryozoology Association, Dublin. P. 201 – 228.
- Ostrovsky, A. N., **Shunatova N.N.** 2002. Colonial behaviour and group zooidal reactions in Bryozoa: history of the research // In Wyse Jackson, P.N. & Spencer Jones, M., (eds) *Annals of Bryozoology: aspects of the history of research on bryozoans*. International Bryozoology Association, Dublin. P. 185 – 200.
- Grishankov A.V., **Shunatova N.N.**, Yagunova E.B. 2002. Main features of epibiosis structures in the White and Barents Seas // *Vestnik SpbGU. Ser. 3. Vyp. 4 (№27)*. PP. 4-8. [in Russian, English summary].
- Shunatova N.N.**, Ostrovsky A.N. 2001. Individual autozooidal behaviour and feeding in marine bryozoans // *Sarsia* 86:113-142.
- Grishankov A.V., **Shunatova N.N.** 2001. Fauna and structure of macrobiofouling communities on different species of intertidal kelp (Phaeophyta) from the White and Barents Seas // *Vestnik SpbGU. Ser. 3. Vyp. 4*. PP. 24-28. [in Russian, English summary].
- Shunatova N.N.** 1999. Some behaviour peculiarities and formation of directed water flow in pearlwort colonies (Bryozoa: Gymnolaemata) // *Journal of General Biology* 60 (2): 118 – 128 (In Russian, English Summary).

(ii) Book Chapters

- Shunatova N.N.** 2010. Phylum Bryozoa // in Tzetlin A.B., Zhadan A.E., Marfenin N.N. (eds.): *Flora and fauna of the White Sea*. KMK, Moscow. Pp. 209-222 [in Russian].
- Shunatova N.N.** 2006. Phylum Bryozoa // in Marfenin N.N. (ed.): *Atlas of marine Invertebrates of the White Sea*. KMK, Moscow. Pp. 262-280 [in Russian].

(iii) Abstracts and Proceeding

- Shunatova N.**, Tamberg Y. Bryozoan coeloms: a swim through a spelean river // Abstr. of 4th International Congress on Invertebrate Morphology, Moscow, 2017, p. 153.
- Alexeeva N., **Shunatova N.** Pycnogonid body cavity and transport – riddles and answers, answers and riddles // Abstr. of 4th International Congress on Invertebrate Morphology, Moscow, 2017, p. 144.
- Tamberg Y., **Shunatova N.** Feeding behavior and tentacle structure in bryozoans: immovable floodlights and flickering flames // Abstr. of 4th International Congress on Invertebrate Morphology, Moscow, 2017, p. 251.
- Belikova E., **Shunatova N.** Shared colony-wide musculature – a journey through time // Abstr. of 4th International Congress on Invertebrate Morphology, Moscow, 2017, p. 107.
- Ivanov M.V., Nikishina D.V., Ivanova T.S., **Shunatova N.N.** Macrobenthic assemblage – who is happy during Polar Night? // Abstr. of 1st Students Session of Educational and research Center “Belomorskaya”, St.-Petersburg, 2017, pp. 15-18 [in Russian].
http://mbs.spbu.ru/wp-content/uploads/2017/11/UNB_session_2017.pdf
- Alexeeva N.V., **Shunatova N.N.** Glandular structures in pycnogonid Nymphon brevirostre (Chelicerata: Pycnogonida) // Abstr. of 1st Students Session of Educational and research Center “Belomorskaya”, St.-Petersburg, 2017, pp. 19-20 [in Russian].
http://mbs.spbu.ru/wp-content/uploads/2017/11/UNB_session_2017.pdf
- Belikova E.V., **Shunatova N.N.** Organization of muscular system in colonial kamptozoans (Kamptozoa: Coloniales)// Abstr. of 1st Students Session of Educational and research Center “Belomorskaya”, St.-Petersburg, 2017, pp. 25-26 [in Russian]. http://mbs.spbu.ru/wp-content/uploads/2017/11/UNB_session_2017.pdf
- Belikova E.V., **Shunatova N.N.** Muscular system in colonial kamptozoans (Kamptozoa: Coloniales)// Abstr. of XIII All-Russian Conf. “Study, rational use and protection of

- natural resources of the White Sea”, St.-Petersburg, 2017, pp. 28-31 [in Russian].
https://www.zin.ru/kartesh/articles/WSconference_Abstracts.pdf
- Shunatova N.**, Petrov A. Cyclostomates versus cteno-cheilostomes: what can we learn from 5HT-immunoreactivity? // Abstr. of 3rd International Congress on Invertebrate Morphology, Berlin, 2014, p. 270.
- Tamberg Yu., **Shunatova N.** Tentacle structure in bryozoans // Abstr. of 3rd International Congress on Invertebrate Morphology, Berlin, 2014, p. 254.
- Shunatova N.N.**, Lezin P.A. Bryozoan feeding – stenolaemates’ point of view // Abstr. of 49th European Marine Biology Symposium, St.-Petersburg, 2014, pp. 13-14.
- Nikishina D.V., **Shunatova N.N.**, Ivanov M.V. Macrozoobenthic assemblages associated with *Saccharina latissima*: the influence of hydrodynamics // Abstr. of 49th European Marine Biology Symposium, St.-Petersburg, 2014, pp. 72-73.
- Tamberg Y.Y., **Shunatova N.N.**, Lezin P.A. Individual behaviour in freshwater bryozoans *Cristatella mucedo*, *Plumatella fungosa* and *Fredericella sultana* // Proc. of XV conf. “Biology of inland waters”, Borok, 2013, p. 371-375 [in Russian].
- Tamberg Y.Y., **Shunatova N.N.** Feeding behaviour and adaptations to absence of flow in freshwater bryozoan *Cristatella mucedo* // Proc. of conf. “Marine biology, geology, oceanology – interdisciplinary research at marine stations”, Moscow, 2013, p. 293-298 [in Russian].
- Nikishina D.V., **Shunatova N.N.**, Ivanov M.V. 2013. Macrozoobenthos of *Laminaria saccharina* (*Saccharina latissima*) kelp forests: the influence of hydrodynamics // Proc. of conf. “Marine biology, geology, oceanology – interdisciplinary research at marine stations”, Moscow, 2013, p. 216-220 [in Russian].
- Tamberg Y.Y., **Shunatova N.N.**, Yakovis E.L. Feeding interactions between kamptozoans *Loxosomella nordgaardi* and bryozoan *Tegella armifera* in situ and experimental study // Abstr. of 12th MBS SPbGU meeting, St.-Petersburg, 2011, pp. 57-59 [in Russian].
- Yakovis E.L., Artemieva A.V., Fokin M.V., Varfolomeeva M.A., **Shunatova N.N.** Long-term patch dynamics in the community shaped by bivalves, barnacles, ascidians and red algae: multiple foundation species in the White Sea shallow subtidal // 39th Benthic Ecology Meeting abstracts, Wilmington NC, 2010, p. 211-212.
- Yakovis E.L., Artemieva A.V., Varfolomeeva M.A., **Shunatova N.N.** Effect of hard structures on the surrounding benthic assemblage of the soft sediment // 39th Benthic Ecology Meeting abstracts, Wilmington NC, 2010, p. 5.
- Stogov I.A., Movchan E.A., **Shunatova N.N.**, Fokin M.V., Malavenda S.S., Lyubina O.S., Poloskin A.V., Strelkov P.P. Components of biotic balance in Mogilnoe Lake (Kildin Island, Barents Sea) // Abstr. of 4th International scientific conference to commemorate prof. Winberg “Modern problems of aquatic ecology”. 2010, St.-Petersburg, p. 173.
- Tamberg Y.Y., **Shunatova N.N.**, Yakovis E.L. Size of consumed diatom algae indicates feeding segregation in symbiotic suspension-feeders: preliminary results. 42nd European Marine Biology Symposium abstracts, Kiel, 2007, p. 327.
- Varfolomeeva M.A., **Shunatova N.N.**, Khalaman V.V., Belyaeva D.V., Yakovis E.L. Choice of substrate by ascidian larvae does not explain the distribution of adults. 42nd European Marine Biology Symposium abstracts, Kiel, 2007, p. 199.
- Tamberg Y.Y., **Shunatova N.N.**, Yakovis E.L. Spatial distribution of solitary kamptozoans *Loxosomella nordgaardi* on the colony surface of two bryozoan species // Abstr. of 8th MBS SPbGU meeting, St.-Petersburg, 2007, pp. 71-72 [in Russian].
- Shunatova N.N.**, Lesin P.A. A mechanism of food particles transport in stenolaenate bryozoans (Bryozoa: Stenolaemata) // Abstr. of 8th MBS SPbGU meeting, St.-Petersburg, 2007, pp. 72-74 [in Russian].
- Lesin P.A., **Shunatova N.N.**, Khalaman V.V. A computer reconstruction method of feeding currents in filter-feeders // Abstr. of 8th MBS SPbGU meeting, St.-Petersburg, 2007, p. 59 [in Russian].

- Nikolaeva M.A., Yakovis A.S., **Shunatova N.N.**, Artemieva A.V., Yakovis E.L. Growth and survival of barnacles in the presence of ascidians as potential competitors: growth bands analysis. 35th Benthic Ecology Meeting abstracts, Quebec, 2006, p. 69.
- Artemieva A.V., Fokin M.V., Nikolaeva M.A., **Shunatova N.N.**, Yakovis E.L. Possible role of habitat complexity in structuring of motile benthic fauna by patches of barnacles and ascidians. 35th Benthic Ecology Meeting abstracts, Quebec, 2006, p. 47.
- Yakovis E.L., Artemieva A.V., Varfalomeeva M.A., **Shunatova N.N.** Ascidians against barnacles. A detective story with continuation // Proc. of 9th conf in memory of K.M. Derjugin, 2006, St.-Peterburg, pp. 27-34 [in Russian].
- Nikolaeva M.A., **Shunatova N.N.**, Khalaman V.V., Beliaeva D.V., Yakovis E.L. On substrate choosing by larvae of *Styela rustica* (L.) // Abstr. of 7th MBS SPbGU meeting, St.-Petersburg, 2006, pp. 68-69 [in Russian].
- Khalaman V.V., Beliaeva D.V., Nikolaeva M.A., **Shunatova N.N.**, Yakovis E.L. Substrate preferences of solitary ascidians *Styela rustica* (Linnaeus) // Abstr. of 7th MBS SPbGU meeting, St.-Petersburg, 2006, pp. 79-80 [in Russian].
- Strelkov P.P., Fokin M.V., **Shunatova N.N.**, Usov N.V., Fediuk M.L., Shoshina E.V., Malavenda S.S., Samys'ko Y.V., Red'kin D.V., Korsun S.A. Relict lake Mogil'noe (Kil'din island, the Barents sea): 80 years after Dejugin // Proc. of 8th conf. in memory of K.M. Derjugin, St.-Peterburg, 2005, pp. 44-59 [in Russian].
- Nikolaeva M.A., Yakovis E.L., Fokin M.V., **Shunatova N.N.**, Grishankov A.V. Growth dependence of *Balanus crenatus* Bruguiere on presence of epibenthic ascidians confirm the competition hypothesis // Abstr. of 6th MBS SPbGU meeting, St.-Petersburg, 2005, pp. 54-55 [in Russian].
- Kotenko O.N., **Shunatova N.N.**, Tsitrin E.B. Muscle system of three different morphotypes of marine bryozoan larvae: an immunocytochemical study // Abstr. of 6th MBS SPbGU meeting, St.-Petersburg, 2005, pp. 48-49 [in Russian].
- Artemieva A.V., Grishankov A.V., Nikolaeva M.A., Fokin M.V., **Shunatova N.N.**, Yakovis E.L. The role of predatory snails in the benthic community: perforated shells of victims as a source of information // Abstr. of 5th MBS SPbGU meeting, St.-Petersburg, 2004, pp. 37-38 [in Russian].
- Artemieva A.V., Grishankov A.V., Nikolaeva M.A., Fokin M.V., **Shunatova N.N.**, Yakovis E.L. Consortiums concerned with empty shells of *Serripes groenlandicus* (Bivalvia) in the vicinity of Solovetskii Arhipelago (White sea): patterns of structure and dynamics // Abstr. of 5th MBS SPbGU meeting, St.-Petersburg, 2004, pp. 38-39 [in Russian].
- Fokin M.V., **Shunatova N.N.**, Usov N.V., Bufalova E.N., Malavenda S.S., Redkin D.V., Strelkov P.P., Shoshina E.V. Scientific report on expedition to Kil'din Island and Mogil'noe lake in august 2003 executed by SPbGU and MGTU // Abstr. of 5th MBS SPbGU meeting, St.-Petersburg, 2004, p. 51 [in Russian].
- Kotenko O.N., Tsitrin E.B., **Shunatova N.N.** Nervous and Muscular Systems of Coronate Larvae of *Callopora craticula* Alder, 1857 (Bryozoa: Gymnolaemata) // Abstracts of the 6th International Larval Biology Conference, Hong Kong. 2004. P. 112.
- Kotenko O.N., **Shunatova N.N.**, Yakovis E.L. Previous data on differentiated utilization of different substrate types by two bryozoan species in the White sea // Abstr. of conf. "Young biologists – for 300th city's anniversary", St.-Petersburg, 2003, pp. 13-14 [in Russian].
- Grishankov A.V., **Shunatova N.N.** Structure of sessile hydrobionts community associated with shells of *Chlamys islandicus* Mull. (Lamellibranchia) // Abstr. of 4th MBS SPbGU meeting, St.-Petersburg, 2003, p. 55 [in Russian].
- Grishankov A.V., **Shunatova N.N.**, Yagunova E.B. Some features of epifouling communities in the White and Barents Seas // Abstr. of 3rd MBS SPbGU meeting, St.-Petersburg, 2002, p. 53 [in Russian].

Strelkov P.P., Grashankov A.V., Zubakha M.A., Barbina A.A., Basova L.A., Dobretsov S.V., Maltseva A.L., Puzanskii R.K., Tyntareva N.A., Filimonov N.Y., Fokin M.V., **Shunatova N.N.** Dynamics of intertidal macrozoobenthic community at Dalnyi Pliazh (East Murman) // Proc. of conf. “Biological grounds of sustainable development of coastal ecosystems”, Murmansk, 2001, p. 43-45.

Shunatova N.N. Formation and functioning of passive chimneys in *Schizomavella auriculata* var. *lineata* // Abstr. of intern. Conf. “Bryozoa of the World”, St.-Petersburg, 1997, pp. 69-70.

Shunatova N.N. Observation on the behavior of some Bryozoan species from the White Sea // 31st EMBS Abstracts, St.-Petersburg, 1996, p. 74.

Projects

I. Project leader of:

Project 0.40.485.2017, St.-Petersburg State University (2017), “Purchase of equipment and supplies for research group of Shunatova N.N. (Department of Invertebrate Zoology)

Project 12-04-01614-a, Russian Foundation of Basic Research (2012-2014), “Feeding structures in marine and freshwater bryozoans: morphology and function”

Project 12-04-10162-k, Russian Foundation of Basic Research (2012-2012), “Organization of expedition for collecting material to study morphology and function of feeding structures of marine and freshwater bryozoans”

Project 08-04-10129-k, Russian Foundation of Basic Research (2008-2008), “Organization and accomplishment of biological expedition for study of marine relict basins on Murman (the Barents Sea)”

Project 07-04-10086-k, Russian Foundation of Basic Research (2007-2007), “Organization of complex biological expedition for collecting material to study ecology, genetics and cellular biology of marine hydrobionts”

Project 07-04-01734-a, Russian Foundation of Basic Research (2007-2008), “Investigation of the influence of isolation on marine populations and communities on the example of the Relict Lake Mogil’noe (Island Kildin, Barents Sea)”

PhD project M02-2.6K-288 for young scientists, Committee of Science and High School in St.-Petersburg, Ministry of education of Russian Federation (2002-2002), “Comparative analysis of coelom structure in different groups of marine bryozoans (Bryozoa:Gymnolaemata)”

PhD project M00-2.6K-435 for young scientists, Committee of Science and High School in St.-Petersburg, Ministry of education of Russian Federation (2000-2000), “Comparative analysis of tentacle construction and sensory structures in different groups of marine bryozoans (Bryozoa:Gymnolaemata)”

Diploma project M98-2.6D-242 for young scientists, Committee of Science and High School in St.-Petersburg, Ministry of education of Russian Federation (1998-1998), “Peculiarities in the structure of feeding apparatus of sedentary organisms defined by their behavior – an example of marine bryozoans (Bryozoa:Gymnolaemata)”

Danish Government scholarship for foreign nationals (1998-1999)

II. Participating in:

Project 16-04-00723, Russian Foundation of Basic Research (2016-2018), “Genetic inheritance of cod lakes and herring lakes (north-east Europe)”, PL Dr. P.Strelkov.

Project 226417, NFR (Norway; 2013-2016), “Mare incognitum – ecological processes during the polar night (Marine night)”, PL Prof. J.Berge.

Project CPRU/10007, SiU (Norway; 2014-2016), “Bilateral Arctic Marine Science and student Exchange programme (BAMSE)”, PL Prof. J.Berge.

- Project 13-04-10178-k, Russian Foundation of Basic Research (2013-2013), “Conducting a scientific expedition to assess the effect of interactions between foundation species on structure and dynamics of marine benthic communities”, PL Dr. E.Yakovis
- Project № № 2.2.3.1/2456 RNP Development of the potential of the high school (2009-2010), “Development of complex educational materials on the basis of digital collection of the Zoological Museum of St-Petersburg State University”, PL Prof. A.Granovitch
- Project 08-04-01876-e_b, Russian Foundation of Basic Research (2008-2008), “Urgent repair of equipment required for studies in the field 04 at Faculty of Biology and Soil Sciences in St.Petersburg State University”, PL Dr. A.Smirnov and Prof. L.Lutova
- Project 07-04-05089-b, Russian Foundation of Basic Research (2007-2007), “Development of technical facilities for studies in field of knowledge 04 at the Faculty of Biology of St.Petersburg State University”, PL Prof. I.Kanunnikov
- Project 2.2.3.1/4017 “Zoological Museum as a basis of the modernization of educational programs” Federal program “Development of the scientific potential of the High School (2006-2008)”, PL Prof. A. Granovitch
- Project 05-04-63003-k, Russian Foundation of Basic Research (2005-2005), “Organization of a complex expedition to study and collect protists and entoprocts in the White and Barents Seas”, PL Dr. A. Grishankov
- Project 04-04-48962-a, Russian Foundation of Basic Research (2004-2006), “Morphology and development of muscle and nervous systems in Entoprocta (=Kamptozoa)”, PL Prof. G. Slyusarev
- Project Э0195+Э0017/1048 of Federal Programm Integration of Science and Education (2002-2006), “Complex biological expedition 'Nord'”
- Project Э3251/1273 of Federal Programm Integration of Science and Education (2002-2006), “Zoological museum as important component of basic biological education and training of the zoologists”, PL Prof. A. Granovitch
- Project 02-04-50020-a, Russian Foundation of Basic Research (2002-2004), “Structure and dynamics patterns in marine benthic communities with edificator-species dominating: comparative analysis”, PL Dr. A. Grishankov
- Project 01-04-49788-a, Russian Foundation of Basic Research (2001-2003), “The nature of orthonectid plasmodium”, PL Prof. G. Slyusarev.
- Project 015.07.01.079, Universities of Russia (2000-2001), “Influence of key-stone species on structure and dynamics of benthic communities”, PL Dr. A.Grishankov
- Project 015.07.01.079 Universitites of Russia (2000-2001), “Main mechanisms of integration in macrozoobenthic communities of the White Sea shallow subtidal”, PL Dr. A.Grishankov