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EDUCATION

Doctor of Science (Zoology and Parasitology), St.Petersburg State University, St.Petersburg, 2000.

Doctor of Philosophy (Parasitology), Moscow State University, Moscow, 1990.

Master of Science (Biology – Zoology), St. Petersburg State University, St.Petersburg, 1985.

RECENT PROFESSIONAL EXPERIENCE

Professor, Chief of the Department of Invertebrate Zoology: St.Petersburg State University, St.Petersburg, Russia (2000 – Present).

Associate Professor of Biology: Department of Invertebrate Zoology, St.Petersburg State University, St.Petersburg, Russia (1996-2000).

Assistant Professor of Biology, Department of Invertebrate Zoology: St.Petersburg State University, St.Petersburg, Russia (1991-1996).

Deputy Chief (Research Manager) of the Department of Invertebrate Zoology: St.Petersburg State University, St.Petersburg, Russia (1987-1991).

Research Assistant: Department of Invertebrate Zoology, St.Petersburg State University, St.Petersburg, Russia (1985-1997).

AREA OF EXPERTISE

General parasitology, host-parasite interactions

Population biology

General zoology

Malacology.

RECENT AND RELEVANT PUBLICATIONS

Granovitch A.I., Sergievsky S.O., and I.M. Sokolova. 2000. Spatial and temporal variation of trematode infection in coexisting populations of intertidal gastropods *Littorina saxatilis* and *L.obtusata* in the White Sea. *Diseases of Aquatic Organisms*. 2000. V.41. P.53-64..

Khalturin K.V., N.A. Mikhailova, and A.I. Granovitch. 2000. Genetic heterogeneity in the natural populations of *Microphallus piriformes* and *M. pygmaeus parthenites* (Trematoda: Microphallidae). *Parazitologiya* 34:484-501 (in Russian).

Granovitch A. I., Johannesson K. 2000. Digenetic Trematodes in four species of *Littorina* from the West coast of Sweden. *Ophelia*. V.53(1). P.55-65.

Sokolova I.M., Granovitch A.I., Berger V.Ya., Johannesson K. 2000. Intraspecific physiological variability of the gastropod *Littorina saxatilis* related to the vertical gradient in the White and North Seas. *Marine Biology*. V.137. P.297-308.

Granovitch A.I., Sokolova I.M. 2001. *Littorina arcana* Hannaford Ellis, 1978 – a new record from the eastern Barents Sea// *Sarsia*. V.86. P.241-243. Kaliberdina M.V., Granovitch A.I. 2003. Infection of the gastropod mollusc *Littorina saxatilis* with parthenites of trematodes and their impact on the host's shell shape: analysis of populations inhabiting the rocky shore of the White Sea//*Parazitologia*. V.37, P.69-86 (in Russian).

Yashenko V.V., Granovitch A.I. 2002. *Littorina fabalis* (Turton, 1825): one more species of littoral gastropodes of the White Sea// Vestnik Sankt-Peterburgskogo Universiteta. S.3(4). V.27. P.34-45 (in Russian).

Granovitch A.I., Mikhailova N.A. Rocky shore trematodes of the west coast of Sweden: distribution and life cycle strategies// Acta Parasitologica, 2004, 49(3), 228-236.

Mikhailova N.A., Petrova Y.A., Granovitch A.I. Molecular markers for identification of the sibling species of marine gastropods of the genus *Littorina*// Cytologia, 2004, V.46,N9, C.823-824.

Granovitch A.I., Mikhailova N.A., Znamenskaya O.S., Petrova Yu.A. Species of the genus *Littorina* (Gastropoda: Prosobranchia) of East Murman// Zoologicheskyy zhurnal, 2004, V.83 (11), p. 1305-1317.

Fateev A.E., Granovitch A.I., Dobrovolsky A.A. Department of Invertebrate Zoology: 30 years on the White Sea Marine Biological Station of SPSU// In: 30 years of White Sea Marine Biological Station of SPSU: results and perspectives. SPb. 2005. p.77-85. In Russian.

Tihomirov I.A., Dobrovolsky A.A., Granovitch A.I. Practical works in Zoology of Invertebrates (Small practicum). Part 1. Moscow-Spb. KMK Press, 2005, 302p. In Russian.

Ganzha E.V., Granovitch A.I., Petrova Yu.A., Mikhailova N.A. Hystological analysis of penial glands of *Littorina* mollusks// Vestnik S.-Peterburgskogo Universiteta Ser.3. 2006, vyp.4, p.40-46. In Russian.

Loskutova Z.I., Granovitch A.I. Ecological structure of populations of the White Sea snail *Onoba aculeus* (Gould, 1841)// Vestnik S.-Peterburgskogo Universiteta Ser.3. 2006, vyp.4, p.33-49. In Russian.

Ganzha E.V., Granovitch A.I. Trematode infection leads to the abnormal structure of the penial glands of littoral mollusks *Littorina saxatilis* (Olivi) and *L.obtusata* (L.) // Paeasitologiya. 2008. V. 42. №. 1. P.13-22 (in Russian).

Granovitch A. I., Z. I. Loskutova1, Yu. A. Gracheva1, N. A. Mikhailova MORPHOMETRIC COMPARISON OF THE COPULATORY ORGAN IN MOLLUSKS OF "SAXATILIS" SPECIES COMPLEX (COENOGASTROPODA, LITTORINIDAE): PROBLEMS OF IDENTIFICATION OF SPECIES AND SPECIES STATUS// Zoologicheskyy zhurnal, 2008, V.87 (12), p. 1-12 (in Russian).

Mikhailova N.A., Yu. A. Gracheva, Granovitch A.I. Frequency of interspecific individuals in the copulating pair of *saxatilis* species complex of *Littorina*// Vestnik Sankt-Peterburgskogo Universiteta. 2008. S.3(4). V.29. P.34-45 (in Russian).

Mikhailova N.A., Gracheva Y.A., Backeljau T., Granovitch A.I. 2009. A potential species-specific molecular marker suggests interspecific hybridization between sibling species *Littorina arcana* and *L.saxatilis* (Mollusca, Caenogastropoda) in natural populations. *Genetica*. V.137. N3. P.333-340.

Granovitch A.I., Yagunova E.V., Maximovich A.N., Sokolova I.M. 2009. Elevated female fecundity as a possible compensatory mechanism in response to trematode infestation in populations of *Littorina saxatilis* (Olivi). *Int.J.for Parasitol.* 39, 1011-1019.

Granovitch A.I Parasitic system as a reflection of the structure of a parasite population: conception and terms// Proceedings of Zoologicheskyy Institut RAN, 2009. V.313 (3). P.329-337.

PROJECTS (Grants):

"Development of complex educational materials on the basis of digital collection of the Zoological Museum of S.- Petersburg State University" Project № № 2.2.3.1.2456 RNP Development of the potential of the high school (2009-2010).

"Genetic and morphological consequences of microevolution within the complex sibling species" Project 09-04-01728 RFBR (2009-2011).

Taxonomical and ecological diversity of Protistes and Invertebrates. (2010-2014).

“Zoological Museum as a basis of the modernization of educational programs” Federal program “Development of the scientific potential of the High School (2006-2008)”.

Complex biological expedition “Nord”

Project 00195+00017/1048 of Federal Programm Integration of Science and Education (2002-2006)

Investigation of Commercially important hydrobionts of White and Barentz Seas

Project 03251/1273 of Federal Programm Integration of Science and Education (2002-2006)

Zoological museum as important component of basic biological education and training of the zoologists.

Project of Federal Programm High School as State Resource of Regional Development (2002)

The problem of sibling species existing and peculiarities of microevolution of the snails *Littorina* genus

Project 02-04-48725 of Russian Foundation of Basic Research (2002-2004)

Complex expedition on investigation of structure, functional relations and dominant species in benthic communities of White and Barents Seas

Project 02-04-63108K of Russian Foundation of Basic Research (2002)

Complex expedition on faunistic complexes analysis of benthic communities of White and Barentz Seas.

Project 03-04-63094K of Russian Foundation of Basic Research (2003)

Complex expedition on structural and functional analysis of benthic communities of White and Barentz Seas.

Project 04-04-63166K of Russian Foundation of Basic Research (2004)

Grants of 5-th and 6-th competitions of Presidium of Russian Academy of Science (1999-2000, 2001-2004)

Grant of Swedish Royal Academy (1997-1999)

SCIENTIFIC INTERESTS:

Population biology – ecological and genetic structure of populations, dynamics of the populations of free living and parasitic animals.

Problems of polymorphism.

Parasitology. Host-parasite interactions: individual, population and community levels.

Ecophysiology and behavior of molluscs.

General zoology.

Problems of evolution.

COURSES:

“Protistology” (34 hours, lectures and practice) for the undergraduate students.

“Zoology of Invertebrates” (lectures - 44 hours) – for the undergraduate students.

Summer practice “Zoology of Invertebrates” (White Sea Marine Station) (2 weeks) – for the undergraduate students.

Basic Zoology “Mollusca” (lectures - 24 hours) – for the undergraduate 4-th year students.

General zoology “Mollusca” (lectures and practical works - 60 hours) – for the Master students.

Population aspects of parasitology (lectures – 16 hours) - for the Master students.

LEARNED SOCIETY MEMBERSHIP:

Member of St. Petersburg Society of Naturalists

Member of Central Council of Russian Society of Parasitologists.