

The conference “Invertebrate Zoology – new century” to commemorate the 160th anniversary of the MSU Department of Invertebrate Zoology

N.N. Rimskaya-Korsakova^{1*}, V.V. Malakhov^{1,2}

¹ *Department of Invertebrate Zoology, Lomonosov Moscow State University, 1-12, Leninskie Gory, Moscow 119234 Russia.*

² *The Far Eastern Federal University, Sukhanova, 8, Vladivostok 690950 Russia.*

**E-mail: nadezdarkorsakova@gmail.com*

Конференция «Зоология беспозвоночных – новый век» в честь 160-летия кафедры зоологии беспозвоночных МГУ

Н.Н. Римская-Корсакова^{1*}, В.В. Малахов^{1,2}

¹ *Кафедра зоологии беспозвоночных, МГУ им. М.В. Ломоносова, 1-12, Ленинские горы, Москва, 119234 Россия.*

² *Дальневосточный федеральный университет, ул. Суханова, 8, Владивосток, 690950 Россия.*

**E-mail: nadezdarkorsakova@gmail.com*

The conference “Invertebrate Zoology – New Century” was held in M.V. Lomonosov Moscow State University (MSU) December 19–21, 2018 and was devoted to the 160th anniversary of the Department of Invertebrate Zoology of MSU. As the largest scientific and educational center, the Department of Invertebrate Zoology have been making a valuable contribution to the development of biological science in Russia and in the World through the years. To this meeting, 57 speakers (including 16 plenary speakers) and 62 poster participants came from cities of Russia and Ukraine (Moscow, St. Petersburg, Kazan, Vladivostok, Borok, Kiev) (Figs 1, 2). Talks and posters were devoted to the problems of morphology and developmental biology of invertebrates, the biological diversity of living and fossilized invertebrates,

problems of the study of parasitic invertebrates, macroecology, and phylogeography of invertebrates. Participants noted the implementation of modern biological research methods such as molecular methods, confocal microscopy, 3D modeling, electron microscopy and computed tomography is an important basis to the development of invertebrate zoology. Participants of the conference are doing their research in Moscow State University, St. Petersburg State University, Privolzhsky (Kazan) Federal University; institutes of Russian Academy of Science: Shirshov Institute of Oceanology, Koltsov Institute of Development Biology, Severtsov Institute of Ecology and Evolution, Borissiak Paleontological Institute, Papanin Institute for Biology of Inland Waters, Zoological Institute, Institute of Cytology, National Scientific Center for Marine Biology of Far East Branch of the Russian Academy of Science; as well as of the Russian Federation Research Institute of Fishery and Oceanography (VNIRO).

To encourage young researchers participating in the conference, the competition for the

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Fig. 1. Group photo of participants of the conference “Invertebrate Zoology – New Century” devoted to the 160th anniversary of the Department of Invertebrate Zoology of Moscow State University which was held in Moscow, December 19–21, 2018.

Рис. 1. Групповая фотография участников конференции «Зоология беспозвоночных – новый век», посвященной 160-летию кафедры зоологии беспозвоночных МГУ, которая состоялась в Москве 19–21 декабря 2018 г.



Fig. 2. Three day conference “Invertebrate Zoology – New Century” was devoted to the problems of morphology and developmental biology of invertebrates, the biological diversity of living and fossilized invertebrates, problems of the study of parasitic invertebrates, macroecology and phylogeography of invertebrates.

Рис. 2. Трехдневная конференция «Зоология беспозвоночных – новый век» была посвящена проблемам морфологии и биологии развития беспозвоночных, биологическому разнообразию живых и ископаемых беспозвоночных, проблемам изучения паразитических беспозвоночных, макроэкологии и филогеографии беспозвоночных.



Fig.3. The competition for the best poster among students participating in the conference “Invertebrate Zoology – New Century” took place. The jury examined scientific aspect as well as quality of presentation of the work.

Рис.3. Состоялся конкурс на лучший плакат среди студентов-участников конференции «Зоология беспозвоночных – новый век». Жюри оценивало научный аспект, а также качество представления работы.



best poster among students and PhD students took place (Figs 3, 4). The jury nominated Vladimir Kutuyumov, PhD student of St. Petersburg State University, for “Mitochondrial genome of freshwater bryozoan *Cristatella mucedo* (Bryozoa: Phylactolaemata)” and two students of Moscow State University: Maria Petrova for “Regeneration of walking legs of *Nymphon brevirostre* Hodge, 1863 (Pycnogonida)” and Pyotr Kuznetsov for “Morphology and 3d-reconstruction of organ systems of *Ochetosto-*

Fig. 4. The jury nominated Vladimir Kutuyumov, PhD student of St. Petersburg State University for the best poster presentation “Mitochondrial genome of freshwater bryozoan *Cristatella mucedo* (Bryozoa: Phylactolaemata)”

Рис. 4. Жюри номинировало Владимира Кутюмова, аспиранта Санкт-Петербургского государственного университета, за лучший стендовый доклад «Митохондриальный геном пресноводного мшанки *Cristatella mucedo* (Bryozoa: Phylactolaemata)»



Fig. 5. A scientific photography competition was held at the conference “Invertebrate Zoology – New Century”. The members of jury were Vladimir Yushin, an expert in microscopies, and professional photographers Anton Lange, Alexander Semenov, Ilya Gomyranov.

Рис. 5. В рамках конференции «Зоология беспозвоночных – новый век» состоялся конкурс научной фотографии. Членами жюри были Владимир Юшин, эксперт высшей категории по микроскопии, а также профессиональные фотографы Антон Ланге, Александр Семенов, Илья Гомыранов.



Fig. 6. The competition was held in three nominations: “Through powerful instruments”, “Juicy invertebrates” and “My colleagues and other animals”. Audience awards in photo competition were presented to Alexander Tzetlin as well as Anna Zhadan and Elena Temereva.

Рис. 6. Конкурс проходил в трех номинациях: «Сквозь могучие приборы», «Сочные беспозвоночные» и «Мои коллеги и другие животные». Призы зрительских симпатий были вручены Александру Цетлину, а также Анне Жадан и Елене Темеревой.

ma sp. as a key to understand the biology of echiurids". A scientific photography competition was held at the conference. The members of jury were corr.-memb. of RAS Vladimir Yushin, an outstanding expert in microscopies, and well-known professional photographers Anton Lange, Alexander Semenov, Ilya Gomyranov (Fig. 5). The competition was held in three nominations: "Through powerful instruments", "Juicy invertebrates" and "My colleagues and other animals". Yulia Burmistrova, PhD student at MSU (in the 1st nomination), and Ph.D. Elena Vort-

sepneva, senior researcher at MSU (in two latter nominations), were awarded. Audience awards were presented to Ph.D. Anna Zhadan, Prof. Dr. Sci. Alexander Tzetlin and Dr. Sci. Elena Temereva (Fig. 6).

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