

## ПУБЛИКАЦИИ ИНСТИТУТА В 2017 ГОДУ

1. Abramov, S.A., Lopatina, N. V., Litvinov, Y.N. (2017). Cranial size and shape variation in isolated populations of the Olkhon mountain vole (*Alticola olchonensis* Litvinov, 1960). *Zoology*, 123, 91–100. DOI: [10.1016/j.zool.2017.07.004](https://doi.org/10.1016/j.zool.2017.07.004)
2. Belevich, O. E., Yurchenko, Y. A., Glupov, V. V., & Kryukov, V. Y. (2017). Effect of entomopathogenic fungus *Metarhizium robertsii* on non-target organisms, water bugs (Heteroptera: Corixidae, Naucoridae, Notonectidae). *Applied Entomology and Zoology*, 52(3), 439-445.
3. Faerman, M., Bar-Gal, G. K., Boaretto, E., Boeskorov, G. G., Dokuchaev, N. E., Ermakov, O. A., . . . Formozov, N. A. (2017). DNA analysis of a 30,000-year-old *Urocitellus glacialis* from northeastern Siberia reveals phylogenetic relationships between ancient and present-day arctic ground squirrels. *Scientific Reports*, 7.
4. Iakovlev, I. K., Novgorodova, T. A., Tiunov, A. V., & Reznikova, Z. I. (2017). Trophic position and seasonal changes in the diet of the red wood ant *Formica aquilonia* as indicated by stable isotope analysis. *Ecological Entomology*, 42(3), 263-272.
5. Jetybayev, I. Y., Bugrov, A. G., Unal, M., Buleu, O. G., & Rubtsov, N. B. (2017). Molecular cytogenetic analysis reveals the existence of two independent neo-XY sex chromosome systems in Anatolian Pamphagidae grasshoppers. *BMC Evolutionary Biology*, 17.
6. Kashinskaya, E. N., Andree, K. B., Simonov, E. P., & Solovyev, M. M. (2017). DNA extraction protocols may influence biodiversity detected in the intestinal microbiome: a case study from wild Prussian carp, *Carassius gibelio*. *FEMS Microbiology Ecology*, 93(2).
7. Lyubechanskii, I., & Azarkina, G. N. (2017). Ecological structure of the West Siberian forest-steppe spider community (Arachnida, Araneae) and its comparison with the ground-beetle (Coleoptera, Carabidae) community. *Contemporary Problems of Ecology*, 10(2), 164-177.
8. Makarikov, A. A. (2017). A taxonomic review of hymenolepidids (Eucestoda, Hymenolepididae) from dormice (Rodentia, Gliridae), with descriptions of two new species. *Acta Parasitologica*, 62(1), 1-21.
9. Martemyanov, V. V., Podgwaite, J. D., Belousova, I. A., Pavlushin, S. V., Slavicek, J. M., Baturina, O. A., . . . Ilyinykh, A. V. (2017). A comparison of the adaptations of strains of *Lymantria dispar* multiple nucleopolyhedrovirus to hosts from spatially isolated populations. *Journal of Invertebrate Pathology*, 146, 41-46.
10. Novgorodova, T. A., & Kryukov, V. Y. (2017). Quarantining behaviour of ants towards infected aphids as an antifungal mechanism in ant-aphid interactions. *Entomologia Experimentalis Et Applicata*, 162(3), 293-301.
11. Polyakov, A. V., & Panov, V. V. (2017). Study of male-mediated gene flow across a hybrid zone in the common shrew (*Sorex araneus*) using Y chromosome. *Comparative Cytogenetics*, 11(2), 421-430.
12. Popova, O. N., Haritonov, A. Y., Sushchik, N. N., Makhutova, O. N., Kalachova, G. S., Kolmakova, A. A., & Gladyshev, M. I. (2017). Export of aquatic productivity, including highly unsaturated fatty acids, to terrestrial ecosystems via Odonata. *Science of the Total Environment*, 581, 40-48.
13. Rar, V., Livanova, N., Tkachev, S., Kaverina, G., Tikunov, A., Sabitova, Y., . . . Tikunova, N. (2017). Detection and genetic characterization of a wide range

- of infectious agents in *Ixodes pavlovskyi* ticks in Western Siberia, Russia. *Parasites & Vectors*, 10.
14. Romashchenko, A. V., Kan, T. W., Petrovski, D. V., Gerlinskaya, L. A., Moshkin, M. P., & Moshkin, Y. M. (2017). Nanoparticles Associate with Intrinsically Disordered RNA-Binding Proteins. *Acs Nano*, 11(2), 1328-1339.
  15. Sendek, D. S., Bochkarev, N. A., Zuykova, E. I., Politov, D. V., Wanzenbock, J., Himberg, M., & Titov, S. F. (2017). Signs of introgression of Baikal omul (*Coregonus migratorius*) or Arctic cisco (*C-autumnalis*) into European whitefish (*C-lavaretus*) in the eastern Baltic Sea. *Fundamental and Applied Limnology*, 189(3), 209-225.
  16. Sharshov, K. A., Yurlov, A. K., Li, X. X., Wang, W., Li, L. X., Bi, Y. H., . . . Shestopalov, A. M. (2017). Avian influenza virus ecology in wild birds of Western Siberia. *Avian Research*, 8.
  17. Simonov, E. P., Dvilis, A. E., Lopatina, N. V., Litvinov, Y. N., Moskvitina, N. S., & Ermakov, O. A. (2017). The influence of late pleistocene mountain glaciations on the genetic differentiation of long-tailed ground squirrel (*Urocitellus undulatus*). *Russian Journal of Genetics*, 53(5), 614-622.
  18. Sripa, B., Tesana, S., Yurlova, N., & Nawa, Y. (2017). A historical review of small liver fluke infections in humans. *Parasitology International*, 66(4), 337-340.
  19. Stahls, G., & Barkalov, A. V. (2017). Taxonomic review of the Palaearctic species of the *Cheilosia caerulescens*-group (Diptera, Syrphidae). *Zookeys*(662), 137-171.
  20. Szczys, P., Lamothe, K. A., Druzyaka, A., Poot, M. J. M., Siokhin, V., & van der Winden, J. (2017). Range-wide patterns of population differentiation of Eurasian Black Terns (*Chlidonias niger niger*) related to use of discrete post-nuptial staging sites. *Journal of Ornithology*, 158(2), 365-378.
  21. Thoni, R. J., Simonov, E., Artaev, O., Asylbaeva, S., Aibek, S. U., & Levin, B. A. (2017). A century in synonymy: molecular and morphological evidence for the revalidation of *Glyptosternon oschanini* (Herzenstein, 1889) (Actinopterygii: Sisoridae). *Zootaxa*, 4277(3), 435-442.
  22. Tkachev, S. E., Tikunov, A. Y., Babkin, I. V., Livanova, N. N., Livanov, S. G., Panov, V. V., . . . Tikunova, N. V. (2017). Occurrence and genetic variability of Kemerovo virus in *Ixodes* ticks from different regions of Western Siberia, Russia and Kazakhstan. *Infection Genetics and Evolution*, 47, 56-63.
  23. Yaroslavtseva, O. N., Dubovskiy, I. M., Khodyrev, V. P., Duisembekov, B. A., Kryukov, V. Y., & Glupov, V. V. (2017). Immunological mechanisms of synergy between fungus *Metarhizium robertsii* and bacteria *Bacillus thuringiensis* ssp *morrisoni* on Colorado potato beetle larvae. *Journal of Insect Physiology*, 96, 14-20.
  24. Yurlova, N. I., Yadrenkina, E. N., Rastyazhenko, N. M., Serbina, E. A., & Glupov, V. V. (2017). Opisthorchiasis in Western Siberia: Epidemiology and distribution in human, fish, snail, and animal populations. *Parasitology International*, 66(4), 355-364.
  25. Мордкович В.Г. 2017. Сопряженность экологических сукцессий с катенной организацией пространства // Журнал общей биологии. Т. 78. № 1. С. 38-52.
  26. Мордкович В.Г., Любечанский И.И. 2017. Членистоногие как агенты сукцессии галоморфных почв // Почвоведение. №4.