

Букина Юрия Сергеевича

за последние 5 лет.

- 1) Krivina, E., Sinetova, M., Zadneprovskaya, E., Ivanova, M., Starikov, A., Shibzukhova, K., Lobakova, E., **Bukin, Yu.**, Temraleeva, A. (2024). The genus *Coelastrella* (Chlorophyceae, Chlorophyta): molecular species delimitation, biotechnological potential, and description of a new species *Coelastrella affinis* sp. nov., based on an integrative taxonomic approach. *Antonie van Leeuwenhoek*, 117(1), 113.
- 2) Chernitsyna, S. M., Elovskaya, I. S., Bukin, S. V., **Bukin, Y. S.**, Pogodaeva, T. V., Kwon, D. A., & Zemskaya, T. I. (2024). Genomic and morphological characterization of a new *Thiothrix* species from a sulfide hot spring of the Zmeinaya bay (Northern Baikal, Russia). *Antonie van Leeuwenhoek*, 117(1), 23.
- 3) Yakhnenko, A., **Bukin, Y.**, Khanaev, I., & Itskovich, V. (2024). Genetic diversity studies of Baikal endemic sponges at the interspecies and population levels using high-resolution microsatellite markers. *Aquatic Sciences*, 86(3), 85.
- 4) Yakhnenko, A., **Bukin, Y.**, Bondar, E., Khanaev, I., Kirilchik, S., Kondratov, I., & Itskovich, V. Population genetic structure of the endemic sponge *Lubomirskia baikalensis* in Lake Baikal in the light of mass disease and mortality events. *Freshwater Biology*.
- 5) Pavlova, O. N., Tupikin, A. E., Chernitsyna, S. M., **Bukin, Y. S.**, Lomakina, A. V., Pogodaeva, T. V., Zemskaya, T. I., Kabilov, M. R. (2023). Description and genomic analysis of the first facultatively lithoautotrophic, thermophilic bacteria of the genus *Thermaerobacter* isolated from low-temperature sediments of Lake Baikal. *Microbial Ecology*, 86(3), 1604-1619.
- 6) Bondaryuk, A. N., Belykh, O. I., Andae, E. I., & **Bukin, Y. S.** (2023). Inferring Evolutionary Timescale of Omsk Hemorrhagic Fever Virus. *Viruses*, 15(7), 1576.
- 7) Krivina, E. S., Boldina, O. N., **Bukin, Y. S.**, Bykova, S. V., & Temraleeva, A. D. (2023). Species delimitation polyphasic approach reveals *Meyerella similis* sp. nov.: a new species of “small green balls” within the *Chlorella*-clade (Trebouxiophyceae, Chlorophyta). *Organisms Diversity & Evolution*, 23(1), 25-40.
- 8) **Bukin, Y. S.**, Mikhailov, I. S., Petrova, D. P., Galachyants, Y. P., Zakharova, Y. R., & Likhoshway, Y. V. (2023). The effect of metabarcoding 18S rRNA region choice on diversity of microeukaryotes including phytoplankton. *World Journal of Microbiology and Biotechnology*, 39(9), 229.
- 9) Zakharova, Y., Marchenkov, A., Petrova, D., **Bukin, Y.**, Morozov, A., Bedoshvili, Y., ... & Likhoshway, Y. (2023). Delimitation of some taxa of *Ulnaria* and *Fragilaria* (Bacillariophyceae) based on genetic, morphological data and mating compatibility. *Diversity*, 15(2), 271.
- 10) Bondaryuk, A. N., Kulakova, N. V., Belykh, O. I., & **Bukin, Y. S.** (2023). Dates and rates of tick-borne encephalitis virus—the slowest changing tick-borne flavivirus. *International journal of molecular sciences*, 24(3), 2921.

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Дата:

17.10.2024



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- 11) Bondaryuk, A. N., Andaev, E. I., Dzhioev, Y. P., Zlobin, V. I., Tkachev, S. E., Kozlova, I. V., & **Bukin, Y. S.** (2022). Delimitation of the tick-borne flaviviruses. Resolving the tick-borne encephalitis virus and louping-ill virus paraphyletic taxa. *Molecular Phylogenetics and Evolution*, 169, 107411.
- 12) Romanova, E. V., **Bukin, Y. S.**, Mikhailov, K. V., Logacheva, M. D., Aleoshin, V. V., & Sherbakov, D. Y. (2021). The mitochondrial genome of a freshwater pelagic amphipod *Macrohectopus branickii* is among the longest in Metazoa. *Genes*, 12(12), 2030.
- 13) **Bukin, Y. S.**, Bondaryuk, A. N., Kulakova, N. V., Balakhonov, S. V., Dzhioev, Y. P., & Zlobin, V. I. (2021). Phylogenetic reconstruction of the initial stages of the spread of the SARS-CoV-2 virus in the Eurasian and American continents by analyzing genomic data. *Virus Research*, 305, 198551.
- 14) Romanova, E. V., **Bukin, Y. S.**, Mikhailov, K. V., Logacheva, M. D., Aleoshin, V. V., & Sherbakov, D. Y. (2020). Hidden cases of tRNA gene duplication and remolding in mitochondrial genomes of amphipods. *Molecular phylogenetics and evolution*, 144, 106710.
- 15) Zaidykov, I., **Bukin, Y.**, Naumova, E., Kirilchik, S., & Sukhanova, L. (2020). Phylogenetic relationships and historical population reconstruction of Asian members of the genus *Epischura* (Copepoda, Calanoida). *Journal of Great Lakes Research*, 46(1), 12-16.

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