

Список публикаций д.б.н. Луктанова Владимира Александровича по профилю оппонируемой диссертации в рецензируемых научных изданиях за последние 5 лет

1. **Lukhtanov, V.A.** (2025), Integrative Taxonomic Analysis Doubles Number of Species in the Central Asian Butterfly Genus *Lyela* (Lepidoptera, Nymphalidae, Satyrinae). *Insects* 2025, 16, 1089. <https://doi.org/10.3390/insects16111089>
2. **Lukhtanov, V.A.**, Nazari, V., ten Hagen, W., Naderi, A., Gagarina, A.V. and Krupitsky, A.V. (2025), Molecular Taxonomy and Biogeography of the Copper Butterfly Genus *Phoenicurus* and Genus-Level Classification of the Subfamily Lycaeninae (Lepidoptera, Lycaenidae). *Zool Scr*, 54: 628-648. <https://doi.org/10.1111/zsc.12731>
3. **Lukhtanov, V.A.**, Pazhenkova, E.A. (2025), Cytogenetics of insects in the era of chromosome-level genome assemblies. *Vavilov Journal of Genetics and Breeding*. 2025; 29(2):230-237. <https://doi.org/10.18699/vjgb-25-26>
4. Karbalaye, A., **Lukhtanov, V.A.** (2024). Three new species of the genus *Polyommatus* Latreille, 1804 (subgenus *Agrodiaetus* Hübner, [1822]) from Central Zagros, Iran (Lepidoptera, Lycaenidae, Polyommatainae). *Ecologica Montenegrina*, 78, 119–133. <https://doi.org/10.37828/em.2024.78.13>
5. Nazari, V., **Lukhtanov, V.**, Naderi, A. et al. (2024), COI Barcodes combined with multilocus data for representative *Aporia* taxa shed light on speciation in the high altitude Irano-Turanian mountain plateaus (Lepidoptera: Pieridae). *BMC Ecol Evo* 24, 105 (2024). <https://doi.org/10.1186/s12862-024-02294-3>
6. **Lukhtanov, V.A.**, Dantchenko, A.V. (2024), Cryptic Taxa Revealed through Combined Analysis of Chromosomes and DNA Barcodes: The *Polyommatus ripartii* Species Complex in Armenia and NW Iran. *Insects* 2024, 15, 545. <https://doi.org/10.3390/insects15070545>
7. Krupitsky, A.V., Naderi, A., Hagen, W.T., **Lukhtanov, V.A.** & Nazari, V. (2024) New data on distribution of *Phoenicurus transcaucasicus* (Miller, 1923) (Lepidoptera, Lycaenidae) with description of a new subspecies from Iran. *Zootaxa*, 5481 (3), 373–383. <https://doi.org/10.11646/zootaxa.5481.3.6>
8. **Lukhtanov, V.A.**, Botman, R.V. & Gagarina, A.V. (2024) DNA barcode based phylogeographic analysis of the *Aricia anteros* (Freyer, 1838) species complex (Lepidoptera: Lycaenidae) with description of a new subspecies from SE Europe. *Zootaxa*, 5468 (3), 505–522. <https://doi.org/10.11646/zootaxa.5468.3.5>
9. **Lukhtanov, V.A.** (2024), Polytypic species concept and subspecies in the genomic era, *Proc. Natl. Acad. Sci. U.S.A.* 121 (9) e2317038121, <https://doi.org/10.1073/pnas.2317038121>
10. **Lukhtanov, V.A.**, Zakharov, E.V. Taxonomic Structure and Wing Pattern Evolution in the *Parnassius mnemosyne* Species Complex (Lepidoptera, Papilionidae). *Insects* 2023, 14, 942. <https://doi.org/10.3390/insects14120942>
11. **Lukhtanov, V.A.**, Pazhenkova, E.A. (2023), Diversity and evolution of telomeric motifs and telomere DNA organization in insects, *Biological Journal of the Linnean Society*, Volume 140, Issue 4, December 2023, Pages 536–555, <https://doi.org/10.1093/biolinnean/blad068>
12. **Lukhtanov, V.A.**, Shapoval, N.A., Dantchenko, A.V., Eckweiler, W. Phylogenetic Structure Revealed through Combining DNA Barcodes with Multi-Gene Data for *Agrodiaetus* Blue Butterflies (Lepidoptera, Lycaenidae). *Insects* 2023, 14, 769. <https://doi.org/10.3390/insects14090769>
13. Pazhenkova, E.A., **Lukhtanov, V.A.** Chromosomal conservatism vs chromosomal megaevolution: enigma of karyotypic evolution in Lepidoptera. *Chromosome Res* 31, 16 (2023). <https://doi.org/10.1007/s10577-023-09725-9>

14. Kawahara, A.Y., Storer, C., Carvalho, A.P.S., ..., **Lukhtanov, V.A.** et al. A global phylogeny of butterflies reveals their evolutionary history, ancestral hosts and biogeographic origins. *Nat Ecol Evol* 7, 903–913 (2023). <https://doi.org/10.1038/s41559-023-02041-9>
15. Russell PJC, Pateman JE, Gagarina AV, **Lukhtanov VA**. Investigations into the *Melitaea ornata* species complex in the Levant: *M. telona* and the newly erected species *Melitaea klili* Benyamini, 2021 (Lepidoptera: Nymphalidae). *Zootaxa*. 2023 May;5285(1):187-195. <https://doi.org/10.11646/zootaxa.5285.1.9>
16. Nazari V, **Lukhtanov VA**, Naderi A, Fric ZF, Dincă V, Vila R (2023) More hidden diversity in a cryptic species complex: a new subspecies of *Leptidea sinapis* (Lepidoptera, Pieridae) from Northern Iran. *Comparative Cytogenetics* 17: 113-128. <https://doi.org/10.3897/compcytogen.17.102830>
17. Pazhenkova, E.A.; **Lukhtanov, V.A.** Whole-Genome Analysis Reveals the Dynamic Evolution of Holocentric Chromosomes in Satyrine Butterflies. *Genes* 2023, 14, 437. <https://doi.org/10.3390/genes14020437>
18. **Lukhtanov, V.A.**; Gagarina, A.V. Molecular Phylogeny and Taxonomy of the Butterfly Subtribe Scolitantidina with Special Focus on the Genera *Pseudophilotes*, *Glaucopsyche* and *Iolana* (Lepidoptera, Lycaenidae). *Insects* 2022, 13, 1110. <https://doi.org/10.3390/insects13121110>