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Protocol Information

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Authors: Elena I. Zuykova, Evgeniy P. Simonov, Nickolai A. Bochkarev, Sergey A. Abramov, Natalia G. Sheveleva, Alexey A. Kotov

Summary: Here we studied the genetic polymorphism of the ribosomal 12S and protein-coding ND2 mitochondrial genes in three closely related taxa of the *Daphnia* (*Daphnia*) *longispina* complex, namely *D. galeata* Sars, *D. longispina* O.F. Müller and *D. dentifera* Forbes, and performed an analysis of phylogenetic relationships between these taxa based on concatenated sequences of two genes.

Associated Publications: Zuykova EI, Simonov EP, Bochkarev NA, Abramov SA, Sheveleva NG, Kotov AA (2018) Contrasting phylogeographic patterns and demographic history in closely related species of *Daphnia longispina* group (Crustacea: Cladocera) with focus on North-Eastern Eurasia. PLoS ONE 13(11): e0207347. doi: [10.1371/journal.pone.0207347](https://doi.org/10.1371/journal.pone.0207347)

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