

DIVERSITY OF CHRYSOPHYCEAN STOMATOCYSTS OF THE STEPPE ZONE OF THE SOUTH URALS

M. E. Ignatenko^{a,#} and T. N. Yatsenko-Stepanova^{a,##}

^a Institute for Cellular and Intracellular Symbiosis RAS, Orenburg Federal Research Center
Pionerskaya Str., 11, Orenburg, 460000, Russia

[#]e-mail: ignatenko_me@mail.ru

^{##}e-mail: yacenkostn@gmail.com

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The data on the diversity of chrysophycean stomatocysts of the steppe zone of the South Urals are presented. 14 morphotypes of the stomatocysts were identified, four of which were registered for the first time in Russia. Two morphotypes are described as novel. The morphological descriptions of the cysts based on the electron microscopical observations, micrographs and the data on geographical localities are provided for all detected stomatocysts. A high diversity of chrysophycean stomatocysts indicates a significant development of chrysophyte flora in the waterbodies of the steppe zone of the South Urals, and for this reason their further research is relevant and promising.

Keywords: stomatocysts, morphotype, Chrysophyceae, distribution, South Urals

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