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Diatom Diversity in the Lakes

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Message from the Guest Editor

Diatoms are highly diverse and widespread almost in all inland waters, whether in oligotrophic or brackish, frozen or hot waters, each having different acidity and conductivity. Studying diatoms in lakes gives free rein to researchers, as it allows identifying diversity and tracing how it changes in existent lakes depending on environmental conditions as well as drawing conclusions about the impact of anthropogenous and natural factors on a lake. This also enables us to see how the diversity of diatoms was changing during the active growth of agriculture and industry based on the upper layer of the sediment records, and, if we go a bit more deeply, to follow the evolution of diatoms for millions and millions of years as well as to draw conclusions about the history of formation of a water body, its level and trophicity fluctuations, and even global climate change.

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Message from the Editor-in-Chief

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