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## **Concentration of chemical elements in the cells** of cyanobacteria on hydrothermal areas of Kamchatka

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\*Supervising author: <sup>+</sup>Corresponding author Keywords: high concentration, cells of cyanobacteria, chemical elements, hydrothermal waters.

## Abstracts

In this work the data obtained based on data of RANS on Kamchatka expeditions during the period 2002-2005. The authors investigated the element composition of thermal waters and specimen cyanobacteria in the thermal springs. The authors divided the chemical elements according to the degree of concentration of cells of cyanobacteria. It is shown that for iron, calcium, aluminum, magnesium, silicon, boron, marganeca, germany, phosphorus is the high concentration of cyanobacteria. The authors experimentally revealed fact giperkoncentrirovaniâ of chemical elements by cells of cyanobacteria in the hydrothermal waters of Kamchatka. The authors experimentally revealed a high degree of concentration of chemical elements in the cells of cyanobacteria in the hydrothermal waters of Kamchatka.