

Taxonomic study of soil ciliates in Daikoku-island, Hokkaido, Japan

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In recent years, soil protists of different regions have been researched, and their species diversity analyzed. A faunistic study of soil ciliates from Daikoku Island, Hokkaido, Japan was done in 2005. Some strains of ciliate were isolated and successfully cultured. We tried to identify these with impregnations and sequence analysis of SSU rDNA by single-cell PCR. They were identified as Class Spirotrichea, Subclass Stichotrichia, and considered to belong to four species in three genera.