

TREE

TRENDS in Ecology and Evolution Seminar

7月 6日 (金)

13:00-14:00

Aquatic viral ecology

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Abstract

Viruses occur in large numbers in aquatic environments and are considered an important mortality source of aquatic bacterio- and phytoplankton. During this seminar I would like to discuss how viral infection is thought to impact the aquatic foodweb and community composition. Furthermore I would like to present the results of my PhD research on the ecology of the viral community in the eutrophic, shallow Lake Loosdrecht (the Netherlands). During this study the population dynamics, diversity, impact and interactions of the viral community were studied, applying a combination of seasonal monitoring, lake water enclosure experiments and laboratory experiments.

Keywords

virus, community composition, aquatic foodweb, cyanobacteria

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「湖沼生態学 (鏡味講師)」の授業を兼ねます。

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