



Heterotrophic Flagellates on Biofilms

By Dr. Marlene Willkomm

VDM Verlag Dr. Müller E.K. Okt 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - The importance of biofilms for the self-purification of streams and the high availability of nutrients was recognised during the last decades. The knowledge about colonisation, succession, and demographic parameters of microorganisms on biofilms, especially for heterotrophic flagellates, is still limited. One important factor determining the colonisation process of microorganisms is the flow velocity. In addition, growth rate, division rate, and mortality of the microorganisms depend on the temperature. This has may have consequences on the colonisation speed and carrying capacity on biofilms. Detailed investigations on the dynamics of biofilm-dwelling heterotrophic flagellates are still scarce even though these organisms show often the highest abundance compared to other protozoans in biofilms. Field and laboratory experiments were conducted to answer the question on how colonisation and dynamics of heterotrophic flagellates are affected by environmental parameters. These studies may serve as first steps for a better understanding of the dynamics of heterotrophic flagellates on biofilm. The book is addressed to scientists, students, and everyone how is interesting on biofilms. 108 pp. Englisch.



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Reviews

Very good electronic book and useful one. it absolutely was writtern extremely completely and useful. You will not feel monotony at at any moment of your respective time (that's what catalogs are for relating to when you question me).

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This is the finest publication we have read through right up until now. Better then never, though i am quite late in start reading this one. Its been written in an remarkably easy way in fact it is only after i finished reading through this book by which basically altered me, affect the way i think.

-- Dr. Gabriella Hayes