

서 뚜렷이 볼 수 있었으며 비료는 처리량이 많을수록, 오히려 11, 22Mg/ha로 처리한 곳에서 잘 성장함을 볼 수 있었다. 본 연구 결과 광미의 식생복원을 위해서는 처리량의 조절과 종선택이 중요한 것으로 나타났다.

3701

Community Structure of Small Crustaceans Inhabiting River Han

Da-Woon Jung^{*} and Won Kim

School of Biological Sciences, Seoul National University, Seoul 151-742

The community structure of small crustaceans inhabiting the littoral part of River Han was monitored with emphasis on *Eucyclops serrulatus*. The monitoring continued monthly for 12 months from March 1999 to February 2000 along five different points in the Seoul and Kyeongkido area of River Han. Biodiversity of the five points were analyzed along with various environmental factors. The examined crustaceans inhabited all parts of the river in the urban area. The overall richness and abundance were small. However, there were significant differences among the five points. Biodiversity indices showed that the linearized points in the middle of the survey area were different from the other points. Analyses of environmental factors supported these findings well. When multivariate analysis was conducted, it was shown that the environmental factors were related to the community structure. This result implies the influence of various environmental factors to the community structure of crustaceans.