

Abstrak

Studi komposisi dan struktur komunitas zooplankton telah dilakukan di Talang Danau dari April sampai Agustus 2015. Penelitian dilakukan dengan menggunakan metode survei di lima stasiun ditentukan dengan purposive sampling. Sampel dikumpulkan di zona litoral pada masing-masing stasiun dengan jaring plankton ditarik secara vertikal dari kedalaman 2-2.5 meter. Ditemukan 9 spesies zooplankton dengan komposisi Crustacea 4, Rotifera 3 dan Protozoa 2 spesies. Kepadatan populasi rata-rata 0,92 ind / l berkisar dari 0,53-1,75 ind/ l. Indeks keanekaragaman (H') berkisar 0,57-1,35, indeks keseragaman (E) 0,26-0,61 dan indeks kesamaan komunitas berkisar 0,0-75%.

Kata kunci: zooplankton, komposisi, struktur komunitas dan zona littoral.



Abstract

Study of composition and community structure of zooplankton have been conducted in Talang Lake from April 2015 until August 2015. The research was conducted by using the survey method in five stations is determined with purposive sampling. Samples were collected at five stations in the littoral zone at each station of the lake with a *plankton net* is hauled up vertically from the 2-2.5 meter depths. The results showed that in the littoral zone of Lake found 9 zooplankton species with composition were Crustaceae 4, Rotifera 3 and Protozoa 2 species. Population density littoral average 0.92 ind / l ranged from 0.53-1.75 ind/l. Diversity index (H') ranged from 0.57 to 1.35, equitability index (E) 0.26 to 0.61 and sorenson similarity index 0.0 to 75%.

Key words: *zooplankton, composition, community structure and littoral zone.*

