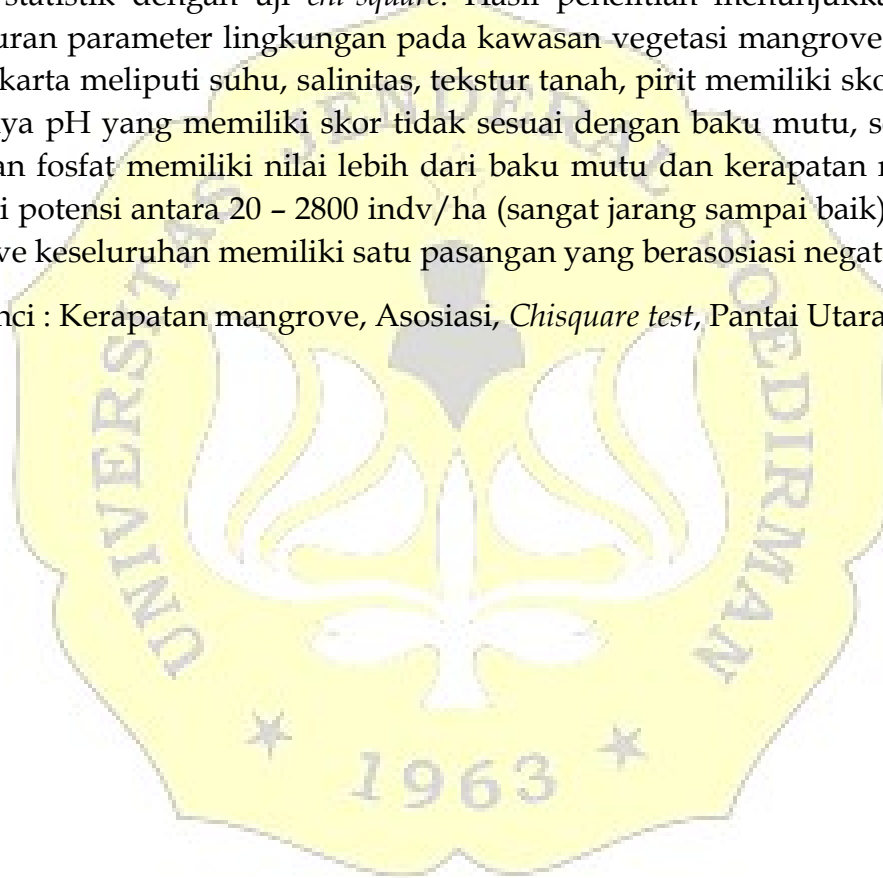


ABSTRAK

Penelitian ini berjudul “Asosiasi Vegetasi Mangrove Di Pantai Utara Jakarta”. Penelitian ini bertujuan untuk menganalisis lingkungan dan kerapatan mangrove serta menganalisis asosiasi vegetasi mangrove di Pantai Utara Jakarta. Penelitian ini menggunakan metode survei pada 6 stasiun dengan menggunakan stratified random sampling. Penelitian ini telah dilakukan pada tahun 2021 di Pantai Utara Jakarta. Data penelitian dianalisis menggunakan deskriptif komparatif dan analisis statistik dengan uji *chi-square*. Hasil penelitian menunjukkan bahwa pengukuran parameter lingkungan pada kawasan vegetasi mangrove di Pantai Utara Jakarta meliputi suhu, salinitas, tekstur tanah, pirit memiliki skor normal, dan hanya pH yang memiliki skor tidak sesuai dengan baku mutu, sedangkan nitrat dan fosfat memiliki nilai lebih dari baku mutu dan kerapatan mangrove memiliki potensi antara 20 – 2800 indv/ha (sangat jarang sampai baik). Asosiasi mangrove keseluruhan memiliki satu pasangan yang berasosiasi negatif.

Kata kunci : Kerapatan mangrove, Asosiasi, *Chisquare test*, Pantai Utara Jakarta



Abstract

This research entitled "Association of Mangrove Vegetation on the North Coast of Jakarta". This study aimed to analysis environmental and the mangrove density and to analysis the association of mangrove vegetation in the North Coast of Jakarta. This research was survey method on 6 stations using stratified random sampling. This research had been done on 2021 in the North Coast of Jakarta. The research data were analyzed using comparative descriptive and statistical analysis with the chi-square test. The results showed that the measurement of environmental parameters in the mangrove vegetation area on the North Coast of Jakarta, including temperature, salinity, soil texture, pyrite had normal score, and only pH had score not similar with the quality standard, while nitrate and phosphate had score more than the quality standard and the mangrove density had potency between 20 - 2800 indv/ha (very rare to good). The mangrove association had one pair had negative association, and the other pairs had positive association.

Keywords: Mangrove density, Association, Chisquare test, North Coast of Jakarta

