

DIVERSITAS DAN DISTRIBUSI IKAN DI SEGARA ANAKAN CILACAP

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| Title | DIVERSITAS DAN DISTRIBUSI IKAN DI SEGARA ANAKAN CILACAP |
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| Abstract | <p>Fish is one of the aquatic commodities with significant economic value, and Segara Anakan areas is a habitat for valuable fishes for local fisherman. Segara Anakan is a eutrophic waters and serves as nursery and spawning ground and also provide an optimal environment for several species fish larvae to grow, either sedentary or migratory species. Therefore it is suggested that diverse species inhabit Segara Anakan and different part of those areas has different species because different species commonly exhibit different habitat preferences. The objectives of this research were to determine the diversity and spatial distribution of fish species in Segara Anakan Cilacap. This research was a survey with the Cluster Random Sampling was implemented as sampling technique. Species diversity was analyzed descriptively, as well as the spatial distribution. The relationships between environmental parameters and spatial distribution were analyzed using Principal Component Analysis. Environmental factors such as temperature, pH, salinity, and water DO were measured. The result showed that <i>Stolephorus indicus</i> was the most dominant species in Segara Anakan. The spatial distribution of fishes in every sampling station was found fluctuated. The environmental factors and fish were found highly correlated.</p> |
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