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Komposisi Ikan dan Laju Tangkap Bubu Kubah di Muara Sungai Bogowonto Kabupaten Kulon Progo
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Intisari

Penelitian ini bertujuan untuk mengetahui komposisi ikan dan laju tangkap bubu kubah di muara Sungai Bogowonto Desa Jangkaran Kecamatan Temon Kabupaten Kulon Progo. Penelitian ini menggunakan metode *experimental fishing* yang dilaksanakan pada bulan Juni sampai Juli 2019 sebanyak 10 trip. Alat yang digunakan yaitu 30 unit bubu kubah dengan ukuran diameter 48 cm tinggi 18,5 cm. Setiap hasil tangkapan diidentifikasi jenisnya, serta diukur panjang dan beratnya. Hasil penelitian menunjukkan bahwa hasil tangkapan bubu kubah di muara Sungai Bogowonto terdiri dari 30 spesies, antara lain udang vaname (*Litopenaeus vannamei*) sebesar 22,35%, rajungan biru (*Portunus pelagicus*) sebesar 12,57%, kepiting bakau (*Scylla serrata*) sebesar 11,45% dan ikan lutok (*Mystus wyckii*) sebesar 9,22%. Ikan merupakan kelompok hasil tangkapan bubu kubah yang paling dominan (43%), diikuti kelompok udang (23%), kepiting (18%), rajungan (13%), dan sumpil (3%). Bubu kubah memiliki rerata laju tangkap sebesar 95,01 gram/bubu, rerata *trap rate* sebesar 75,33% dengan rerata berat sebesar 2850,25 gram/trip.

Kata Kunci : Bogowonto, bubu kubah, komposisi, laju tangkap, muara

Fish Composition and Catch Rate of the Dome Folding Traps in Estuary of Bogowonto River Kulon Progo Regency

Abstract

This study aimed to determine the fish composition and catch rate of dome traps at the Bogowonto River estuary, Jangkaran Village, Temon District, Kulon Progo Regency. This study uses experimental fishing methods using 30 units of dome trap with a diameter of 48 cm and a high of 18.5 cm as much 10 trips. This research was carried out from June to July 2019. Each fish that was caught was identified and measured its length and weight. The results of this research showed that fish caught by dome traps at the estuary of Bogowonto River consisted of 30 species, including white leg shrimp (*Litopenaeus vannamei*) (22.35%), blue swimmer crab (*Portunus pelagicus*) (12.57%), mangrove crabs (*Scylla serrata*) (11.45%), and crystal eyed catfish (*Mystus wyckii*) (9.22%). The fish was the most dominant group caught by dome traps (43%), followed by the shrimp group (23%), the crab group (18%), swimmer crab group (13%), and hermit crab group (3%). The dome trap has a catch rate of 95.01 gram/trap, trap rate was 75,33%, while the average weight which was caught of each trip was 2,850.25 gram/trip.

Keywords: Bogowonto, composition, catch rate, dome trap, estuary