JURNAL ILMIAH PERIKANAN DAN KELAUTAN

Fokus Utama

Kandungan Gizi dan Karakterisasi Senyawa Bioaktif Lintah Laut (Diodon hystrix sp.)

Teknik Budidaya Rumput Laut (Kappaphycus alvarezii) dengan Metode Rajut Apung di Desa Tanjung, Kecamatan Saronggi, Kabupaten Samena, Jawa Timur

Prevalensi dan Derajat Infeksi Dactylogyrus sp. pada Insang Berhak Bandeng (Chanos chanos) di Tambak Tradisional, Kecamatan Glagah, Kabupaten Lamongan

Pengaruh Pemberian Bakteri ilavesiae putih pada kotoran Sapi Sebagai Pupuk terhadap Jumlah Kandungan Klorofil D. Donaxilla saliva

Pengaruh Konsentrasi Air Kelapa Muda dan Muda dalam NoCl Fisikologis terhadap Mortalitas dan Lumbung Ikan Hidup Spermatozoa Ikan Patin (Pangasianodon hypophthalmus)

Pengaruh Ekstrak Alga Cekelat (Sargassum sp.) terhadap Pertumbuhan Bakteri E. coli Secara In Vitro

Gambutan Bakteri Darah Ikan Koi (Cyprinus carpio) yang Tercela oleh Photobacterium multiparius pada Dengan Infeksi yang Bereda dengan Metode Kultur Mitos

Daya Antimikroba Sari Buah Majapahit (Oresentoria cajusa L.) terhadap Bakteri Aeromonas salmonicola Secara In Vitro

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Universitas Airlangga
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Fishing Tool Effectivity of Mini Purse Seine by Using Different Light Source for Catching Fish of Puffer Fish (Rastrelliger sp.)

Efektivitas Alat Tangkap Mini Purse Seine Menggunakan Sumber Cahaya Berbeda Terhadap Hasil Tangkap Ikan Kembung (Rastrelliger sp.)

Abstract

In fish catching activity, the fishermen in Banyuanyar district use mini tools for catching fish (purse seine) and use light assist tools for an operation in the night day. The light, that is used, is kerosene pressure lantern and mercury lights or lamp that is used on water surface (surface lamp). This kind of light is used to collect pelagic fish that has positive phototaxis characteristic. Puffer fishs response towards different source of light, thats kerosene pressure lantern and mercury light is needed to be known. Therefore, we can know the source of light that is more effective in order to collect the fish. It is hoped that the productivity of puffer fish will be developed for the fishermen. During the research with ten times repeating, the total account of puffer fishs haul that is resulted with two different treatment by using kerosene pressure lantern and mercury light is that 810 kg and 1.460 kg. The data of puffer fishs haul that is gotten after using Mann-Whitney test shows that the kerosene pressure lantern and mercury light not to really different, especially in the haul of puffer fish in significant standart (0.05) is 2.262, while in Mann-Whitney test account is 0.171. That means the fishermans in Banyuanyar can use kerosene pressure lantern and mercury light for catching fish as the light assist tools for an operation in the night day.

Keyword : Purse, Seine, Mercury, Light, and, Kerosene, Pressure, Lantern, Puffer, Fish (Rastrellinger, ,

Daftar Pustaka :