

## Intisari

### Komposisi Ikan Hasil Tangkapan Jaring Eret Di Muara Sungai Progo

#### Kabupaten Bantul

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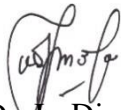
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Jaring eret merupakan salah satu alat tangkap tradisional yang berbentuk persegi panjang. Jaring ini dioperasikan pada daerah pesisir. Namun, dikarenakan selalu berpindah lokasi, maka muara juga dapat dijadikan lokasi penangkapan. Sehingga, wilayah muara dipilih sebagai lokasi penelitian untuk mengetahui komposisi, stadia, serta preferensi jenis ikan yang tertangkap di Muara Sungai Progo. Penelitian dilakukan pada bulan Desember 2023 hingga Juli 2024, berlokasi di Muara Sungai Progo. Jaring yang digunakan memiliki mata jaring 2,5 inch. Pengoprasian jaring dilakukan selama  $\pm 4-5$  jam tiap harinya selama 25 *trip* penangkapan. Alur penelitian diawali jaring ditebar oleh nelayan, kemudian ikan hasil tangkapan diidentifikasi dengan buku Kementerian Kelautan dan Perikanan atau *website fishbase*. Kemudian dilakukan analisis mengenai komposisi hasil tangkapan beserta keanekaragaman menggunakan bantuan software excel. Analisa data yang dilakukan mencakup spesies, panjang, dan berat. Hasil penelitian menunjukkan bahwa ikan yang diperoleh selama kegiatan penangkapan terdiri 16 jenis ikan, spesies yang mendominasi dari gulamah/*Nibea albifora* (*Ricahardson, 1846*) dengan persentase sebesar 27,86%, ikan senangin (*Eleutheronema tetradactylum*) dengan persentase sebesar 26,77%, ikan gatho (*Trachinotus blochii*) (*Cuvier, 1833*) dengan persentase sebesar 13,11%. Berdasarkan ukuran pertama kali matang gonad (*fishbase*) ikan yang tertangkap didominasi pada stadia anakan dan juvenil. Sedangkan, menurut preferensi habitat jenis ikan air asin lebih banyak dijumpai dibandingkan dengan golongan ikan air payau.

Kata kunci: estuari, jenis, penangkapan, preferensi, stadia

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## ABSTRACT

### Composition of the Fish Catch from the Beach Seine at the River's Mounth of Progo Bantul Regency

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Beach seine is one of the traditional fishing gears shaped like a rectangular frame. This net operates primarily along the coast, but due to its mobility, it is also used in estuaries for fishing. Therefore, the research site was chosen to investigate the composition, stages, and preferences of fish species caught in the Progo River estuary. The study was conducted from December 2023 to July 2024 at the mouth of the Progo River. The net used had a mesh size of 2.5 inches. Fishing operations lasted approximately 4-5 hours daily for 25 fishing trips. The research process involved fishermen deploying the nets, identifying the catch using the Ministry of Marine Affairs and Fisheries book/website Fishbase, and analyzing the composition and diversity of the catch with Excel software. Data analysis covered species, length, and weight. The results showed that during the fishing activities, 16 fish species were obtained. The dominant species were croakers (*Nibea albifora*) with a percentage of 27,86%, fourfinger threadfin (*Eleutheronema tetradactylum*) with 26,77%, and snubnose pompano (*Trachinotus blochii*) with 13,11%. Based on the first maturation size (Fishbase), the caught fish were predominantly in the juvenile stage. Moreover, saltwater fish species were more prevalent than brackish water fish species, indicating habitat preferences.

Keywords: estuary, species, fishing, preferences, stage

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