

DINAMIKA HARIAN HASIL TANGKAPAN RAJUNGAN (*Portunus pelagicus*) KAITANNYA DENGAN FASE BULAN DI PERAIRAN BONDET, CIREBON

*(The Daily Catch Dynamic of Blue Flying Crab (*Portunus pelagicus*) with its in Relationship to the Moon's Cycle in Bondet Waters, Cirebon)*

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ABSTRACT

*In order to have better understanding about small scale fisheries characteristic, the study about relationship between moon's cycle and daily dynamic of blue swimming crab (*Portunus pelagicus*) has conducted in Bondet, Cirebon. The study has carried out by following fishermen fishing activity during 28 days moon's cycle. The result shows that the catch of blue swimming crab (in number) is highest during full moon's cycles than others. However, individual weight of blue swimming crab is highest during new moon's cycles than others. The other result also shows that sex-ratio of blue swimming crab is lowest during dark moon's cycles than others.*

Keywords: blue flying crab, daily catch dynamic, moon's cycle.

ABSTRAK

Untuk memperoleh pemahaman yang baik tentang karakteristik perikanan skala kecil, utamanya tentang dinamika hasil tangkapannya, penelitian tentang hubungan antara dinamika harian hasil tangkapan rajungan (*Portunus pelagicus*) dan fase bulan telah dilaksanakan di Bondet, Cirebon. Hasil penelitian ini menunjukkan bahwa hasil tangkapan ikan dalam jumlah ekor paling banyak tertangkap pada fase bulan terang. Tetapi bila ditinjau dari bobot rajungan per ekor, paling banyak tertangkap pada fase bulan gelap. Fakta lain juga menyebutkan bahwa sex-ratio rajungan paling rendah ditemukan pada fase bulan gelap dan paling tinggi pada fase bulan terang.

Kata kunci: dinamika hasil tangkapan, fase bulan, rajungan.

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