

PRODUKTIVITAS ALAT TANGKAP *PURSE SEINE* YANG DIOPERASIKAN DENGAN *ONE BOAT* DAN *TWO BOAT SYSTEM* DI PERAIRAN SELAT BALI

PRODUCTIVITY OF *PURSE SEINE* OPERATED BY *ONE BOAT* AND *TWO BOATS* SYSTEMS AT BALI STRAITS WATERIES

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ABSTRAK

Penelitian Skripsi ini dilaksanakan di perairan selat Bali, Muncar kabupaten Banyuwangi pada bulan April 2010. Tujuan Penelitian ini untuk mengetahui deskripsi alat tangkap *purse seine one boat* dan *two boat*, untuk mengetahui komposisi ikan hasil tangkapan dan untuk mengetahui produktivitas alat tangkap *purse seine* yang dioperasikan dengan *one boat* dan *two boat system* yang didaratkan di perairan selat Bali Muncar, Jawa Timur. Metode penelitian menggunakan metode eksperimen kuasi, dimana data primer diperoleh dari hasil observasi, wawancara dan kuisioner sedangkan data sekunder diperoleh dari buku penunjang, internet dan Instansi (DKP, PPP, TPI).

Hasil dari penelitian ini adalah pengoperasian alat tangkap *purse seine* di Muncar Banyuwangi terdiri dari dua teknik pengoperasian yaitu menggunakan satu kapal (*one boat*) dan menggunakan dua kapal (*two boat*). *Purse seine one boat* dioperasikan dengan menggunakan satu kapal dengan tipe motor: *in board motor* (mesin di dalam) berjumlah 2 – 3 buah yang di letakkan di bagian belakang, ABK berjumlah 20 – 25 orang, sistem trip 3 – 4 hari. *Purse seine two boat* dioperasikan dengan menggunakan dua kapal dengan tipe motor: *out board motor* (mesin di luar) berjumlah 4 – 6 buah yang diletakkan pada bagian samping kapal, ABK berjumlah 45 – 50 orang, sistem trip harian. Komposisi Ikan hasil tangkapan *purse seine one boat* didominasi oleh ikan layang sebanyak 804,4 kg atau sebesar 66,5%, lemuru sebanyak 226,9 kg atau sebesar 18,7% dan ikan tongkol sebanyak 178,8 kg atau sebesar 14,7% sedangkan *purse seine two boat* didominasi oleh ikan lemuru sebanyak 5211,25 kg atau sebesar 83,5%, ikan layang sebanyak 618,75 kg atau sebesar 9,9% dan ikan tongkol sebanyak 405,6 kg atau sebesar 6,5%. Produktivitas selama penelitian pada kapal *purse seine one boat* lebih sedikit daripada produktivitas *purse seine two boat* dengan perolehan rata-rata/hari ikan hasil tangkapan *purse seine one boat* sebesar 605 kg/hari yang didominasi oleh ikan layang sedangkan ikan hasil tangkapan *purse seine two boat* sebesar 3117,8 kg/hari yang di dominasi oleh ikan lemuru.

Kata kunci : Deskripsi, komposisi, produktivitas, *purse seine one boat* dan *two boat*.

ABSTRACT

This research was conducted at Bali straits wateries, Muncar Regency for April 2010. The reserch objective is: to know description of *purse seine one boat* and *two boats*, to know catch result fish composition and to know productivity of *purse seine* operated by *one boat* and *two boats* systems which is landed at strait Bali wateries Muncar Regency, East Java. The research method used is quasi-experimental method. The primary data was obtained from supporting books, internet and Institution (DKP, PPP, and TPI).

This research result is an operation of *purse seine* at Muncar Banyuwangi Regency consisting of two operation techniques. These are using *one boat* and *two boats*. *Purse seine one boat* has been operated by using *one boat* with motor type: *in board motor* (the machine is inside boat), there are 2 – 3 machines placed at bahind of boat, there are 20 – 25 fishermen with trip system 3 – 4 days. *Purse seine two boats* has been operated by using *two boats* with motor type: *out board motor* (the machine is out of boat), there are 4 – 6 machines placed at side of boat, there are 45 – 50 fishermen with daily trip system. Catch result fish composition of *purse seine one boat* is dominated by layang fish as 804,4 kg or as much 66,5%, lemuru fish as 226,9 kg or as much 18,7% and tongkol fish as 178,8 kg or as much 14,7%. While *purse seine two boats* is dominated by lemuru fish as 5211,25 kg or as much 83,5%, layang fish as 618,75 kg or as much 9,9% and tongkol fish as 405,6 kg or as much 6,5%. The productivity during this research on *purse seine one boat* is less than productivity of *purse seine two boat* by obtaining in average/day of fish caught by *purse seine one boat* as 605 kg/day dominate by layang fish. While the fish was caught by *purse seine two boats* as 3117,8 kg/day dominated by lemuru fish.

Keywords: description, composition, productivity, *purse seine one boat* and *two boats*.

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