

**EFFECT OF SEX RATIO MALE : FEMALE OF SPINY LOBSTER
(*Panulirus homarus*) ON PERCENTAGE OF PARENT CARRYING EGGS
AND EGG DIAMETER**

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ABSTRACT

The purpose of this study was to determine the effect of sex ratio (male : female) parent carries the eggs and egg diameter then determine the best ratio of males and females to produce eggs and female carriers of the largest diameter on the eggs. The method used is an experimental method, four treatments and three replications conducted in a completely randomized design (CRD) and the calculation results of ANOVA showed that the ratio of males and females in spawning *P. homarus* not significantly affect the percentage of the parent carries the eggs and egg diameter with $F_{hit} < 5\%$.

Keywords: the ratio of males and females, the percentage of spawning, egg diameter