

EFFECTS OF TAGGING ON
Bohadschia marmorata marmorata IN CAGES

Arthur Agustin Alvárez

A Research Paper
Presented to the
Division of Biological Sciences
College of Arts and Sciences
University of the Philippines in the Visayas
In Partial Fulfilment of the
Requirements of the Course
Natural Science 199.2

October, 1989

ABSTRACT

A three month study was conducted on the sea cucumber Bohadschia marmorata marmorata confined in (1.33 m x 1.33 m x 0.33 m) cages modified after Padlan's (1987, Unpubl.) experiment using (1 m x 1 m x 1 m) cages. One hundred percent tag loss and 83.33% survival rate was observed on the tagged individuals. One hundred percent survival rate attained in the control cages showed that reduced density of one individual per 0.295m² area of caged substratum is more favorable compared to Padlan's (1987, Unpubl.) one individual per 0.06 m² area of caged substratum. This study was conducted at Sirban Iki point, Taklong Island, Guimaras, Sub-province of Iloilo from December 1988 to January 1989.