

**NATURAL GROWTH AND PRODUCTION OF COCKLE  
(*NADARA ANTIQUATA*, L.), TANJUNG PASIR COAST, WEST JAVA**

**By Fredinan Yulianda**

*Faculty of Fisheries, Bogor Agricultural University, Indonesia*

**ABSTRACT**

Two major collections of cockles were carried out in consecutive months using the systematic plot sampling method. Length, width and weight were measured and the data analyzed with regard to habitat cluster, dispersion pattern, age cluster, correlation of morphometric parameters, growth parameters, total mortality, recruitment pattern, population stock and biomass, production and elimination. Two neighbouring areas (separated by a jetty) were compared. Environmental parameters displayed marked between-area differences in terms of salinity, turbidity, and substrate composition. In addition, one area was influenced by human exploitation, while the other area was more influenced by environmental conditions.