

---

## REPRODUCTIVE BIOLOGY OF THE GREEN MUSSEL IN THAILAND

By Sunan Tuaycharoen

*Samutsakorn Coastal Aquaculture Development Center  
Coastal Aquaculture Division  
Department of Fisheries, Thailand.*

### ABSTRACT

Random samples of green mussels (*Perna viridis*) from Ban Laem, Petchaburi Province and Samae Khao, Chachoengsoa Province, from March 1984 through June 1985, indicated that gametogenesis occurred in mussels with a minimum length of 21.3 mm. Six stages of gonad development were classified. Gonad development was similar for both locations. Two spawning periods were identified, the first from May through August and the second from November through February. Spat settlement occurs 17-21 days following spawning. The knowledge of the gametogenic pattern can be directly applied to predict the maturity cycle and the spawning season of the green mussels.