

STUDIES ON THE BIOLOGY AND POPULATION DYNAMICS OF THE
 SPINY LOBSTER, *PANULIRUS POLYPHAGUS* (HERBST), OF THE
 WEST COAST OF THAILAND, WITH NOTES ON EXPERIMENTAL
 REARING OF *P. VERSICOLOR* (LATRIELLE) IN THE LABORATORY

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ABSTRACT

The landings of spiny lobster, *Panulirus polyphagus*, at Phuket on the west coast of Thailand were analyzed for their morphological relationships, size-composition, seasonal fluctuations of size-groups, sex-ratio, sexual maturity, growth rate and observations on spawning season. Nature of their fishery and its seasonal fluctuations are reported. Results of some experiments on rearing another species of spiny lobster, *P. versicolor*, in the laboratory are reported on their growth rate and moulting studied.