

MASTROKALO DURAND, CARLOS ALFREDO 1985; Contribución a la Biología del "Camarón Titi" *Xiphopenaeus riveti* Bouvier en la Zona del Callao Nov.1983-Junio 1994.

RESUMEN

This study was carried out in order to get some knowledge on the biology and biometrics, of the prawn *Xiphopenaeus riveti*, in the area of Callao. This work was realized in the instituto del Mar del Perú (imarpe).

A total of 672 specimens of this species, of both sexes, were analyzed during the months of November and December in 1983. The material was obtained from commercial catches, in the zone called Bravo Sea Beach, Carpayo, in the distrite of La ³Punta, Callao.

In addition, many observations were also made of 150 live prawn in aquariums, to study the behaviour of their feeding, mud control and chage color against differents bottoms. This investigation in aquariums started in November 1983 and finisher in June 1983.

The sex ratio and the overall length/cephalotorax length and length/weight ratios were analyzed; within this latter total length/total weight, cephalotorax length/total weight and overall weight/tail weight ratio was analyzed.

28 stomachs were also examined of some specimens. Further the characteristics of commercial catches of this species were described. The sampling was obtained directly from fishing boats is already selected by the gear and by the fisherman.