

ABSTRACT

Sri Lankan fishers have been harvesting lobsters for quite a long time, and it can be considered as an important subsector of the economy because of its contribution to employment, foreign exchange and to enhance tourism. Growing demand and good prices have lead to high level of exploitation of lobster resource.

Nowadays slipper lobster fishery shown a rapid growing and the exploitation is unpredictable. The study shows, catching *T.orientalis* in spawning stage is more than the quarter of the total catch. The rules and regulations of the government also very poor in the slipper lobster fishery and the research findings will very helpful for implement new regulations in this industry.

These research findings clearly explain the relationships between total length with carapace length and total weight with length relations. The gained equations are very helpful for further researchers to conduct their researches when critical situation like physical damages on lobster.

Key words: *T.orientalis*, total length, carapace length, total weight, and spawning stage.