

**Biological Studies on *Metapenaeus affinis* (H.Milne-Edwards) and
Penaeus latisulcatus Kishinouye on The Eastern Coast of Thailand**

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Abstract

The paper reported some biological studies of *Metapenaeus affinis* which were collected from Khoa Sammuk Pier in Cholburi Province and *Penaeus latisulcatus* from Ban Phae Pier in Rayong Province during January-December 1981. The study is shown that the mean carapace length of *M. affinis* male and female are 24.5 and 26.9 mm. The mean carapace length of *P. latisulcatus* of male and female are 32.6 and 39.0 mm. The relationships between length and length-weight of both species are shown in the paper. The peaks of the percentage of gravid females of both species are not clear. Sex ratio of male to female of *M. affinis* is 0.80:1 and 0.78:1 for *P. latisulcatus*