

Variasi morfometri dan karakteristik sarang Udang Ketak Darat *Thalassina anomala* (Herbst 1804) di Kabupaten Tanjung Karang Barat, Jambi = Morphological variations and nest characteristics of mud lobster *Thalassina anomala* (Herbst 1804) in the district of Tanjung Jabung Barat, Jambi

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Abstrak

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<b>Abstract</b><br>

This research described the morphometric variations between males and females of the mud lobster *Thalassina anomala* (Herbst 1804). We collected 20 individuals (10 males and 10 females) and measured the morphometrics parameter of Decapods. The average of total length of males and females were measure  $225.09 \pm 27.04$  mm and  $210.58 \pm 47.46$  mm respectively. The average of total weight of males was about  $160.1 \pm 39.41$  g and females was about  $153.1 \pm 58.82$  g. The propodus height (PH) of male's cheliped averaged  $21.35 \pm 7.70$  mm (right),  $21.9 \pm 6.07$  mm (left) and for major propodus length (PLa) was about  $66.06 \pm 14.18$  mm (right),  $68.63 \pm 12.42$  mm (left), while for minor propodus length (PLb) was  $48.00 \pm 11.13$  mm (right) and  $49.61 \pm 9.93$  mm (left). The females showed that the mean of PH was  $23.92 \pm 8.35$  mm (right),  $18.72 \pm 4.00$  mm (left) and for PLa was  $66.14 \pm 19.42$  mm (right),  $64.06 \pm 17.42$  mm (left), and than for PLb was  $49.41 \pm 16.52$  mm (right),  $44.79 \pm 12.64$  mm (left). However, there was no morphometrics difference between males and females. Meanwhile the research found that males have monomorphic and dimorphic cheliped, while females were found only have dimorphic ones.