REARING ON SPOTTED BABYLON (*Babylonia areolata* Link, 1807)  
BY THREE DIFFERENT FEEDS.

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Abstract

Rearing on Spotted Babylon by three different feeds were studied during October 2002 to December 2002, total for fifty-six days. The experiment consisted of four treatments with three replicates. The first treatment controlled group was rearing by fish (*Carax leptolepis*) treatment. The second, third and fourth treatment were reared by fresh mixing feed; green mussel (*Perna viridis*) and squid (*Sepioteuthis lessoniana*) respectively. Size of specimens was averaged in length about 0.43 ± 0.15 cm., weight about 0.35 gm. Each group was stocked in glass aquarium with density of 100 shell / 24 l. Results showed that growth rate on length, width and weight of each 1, 2, 3 and 4 group were 0.013 cm./day, 0.007 cm./day, 0.058 ± 0.12 gm./day; 0.014 cm./day, 0.008 cm./day, 0.057 ± 0.17 gm./day; 0.013 cm./day, 0.007 cm./day, 0.049 ± 0.10 gm./day and 0.012 cm./day, 0.007 cm./day, 0.040 ± 0.10 gm./day, respectively. FCR and survival rate of each 1, 2, 3 and 4 group were 1.40 : 1, 85.33%; 1.70 : 1, 85.00%; 2.30 : 1, 83.67%; and 3.04 : 1, 83.33%; respectively. Statistic results showed that the average increment in shell lengths, widths and survival among four treatments were not significant difference (P>0.05). For the average increment weight in the first treatment was significant different (P<0.05) with third treatment and (P<0.01) and with fourth treatment, respectively. The second treatment was significant different with fourth treatment (P<0.05). The first treatment is the best feed for rearing. Spotted Babylon responded to fresh mixing feed better than green mussel and squid.

Keywords: Spotted Babylon (*Babylonia areolata*), Feed.