Survival Rate and Growth of Saddleback Anemone Fish Larvae 
(*Amphiprion polymnus* Linnaeus, 1758) Given Different Feeds

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**Abstract**

The effects of 4 kinds of feeds on the survival and growth of the saddleback anemone fish (*Amphiprion polymnus* Linnaeus, 1758) larvae were investigated. The experiment consisted of 4 treatments with 3 replications. In treatment 1, saddleback anemone fish was fed with Artemia whereas those in treatment 2, 3 and 4 were fed with microworm, microworm and Artemia and microworm and artificial feed, respectively. After 20 days of feeding, there was no significant different (P>0.05) in average survival rate of the fish in treatment 1 – 4. They were 29.00 ± 8.72, 19.67 ± 8.96, 32.33 ± 8.74 and 22.67 ± 6.11 %, respectively. The average length of the larvae was 1.80 ± 0.15, 1.14 ± 0.08, 1.50 ± 0.08 and 1.38 ± 0.09 cm and the average weight was 0.150 ± 0.047, 0.016 ± 0.006, 0.093 ± 0.022 and 0.092 ± 0.016 g, respectively. The length and weight of the fish in treatment 1 were significant by greater (P<0.05) than those in treatment 3, 4 and 2, respectively. The results showed that Artemia was the most appropriate feed for rearing saddleback anemone larva.

**Keywords** : Saddleback anemone fish, Live food, Artificial feed

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