REARING 2 SPECIES OF ANEMONE FISH IN SEAWATER AND MIXTURE SEAWATER

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ABSTRACT

Rearing experiment of 8 weeks in Clown anemone fish (Amphiprion ocellaris Cuvier, 1830) and Saddle-back anemone fish (A. polymnus Linnaeus, 1758) in seawater, salt flied + water and salt artificial + water, started with the size of body length, 1.749±0.26, 2.077±0.21 cm and body weight, 0.1813±0.06, 0.3080±0.01 g. The resulted show that 4.23±0.35, 4.15 ±0.25, 4.20±0.32 and 5.41 ±0.38, 5.32 ±0.30, 5.36 ±0.35 cm and body weight 1.67±0.56, 1.62 ±0.45, 1.65 ±0.49, and 3.36±0.67, 3.26±0.45, 3.29±0.56 g, survival rate 100.00, 100.00, 100.00 and 98.33±1.65, 96.67±2.89 and 96.67±2.89 respectively. Body length, body weight and survival rate at the finish of experiments were compared among the level of each factor. On the amounts of seawater, salt flied + water and salt artificial + water, non significant (P>0.05) non difference among treatments detected in case. In rearing of anemone fish will be prepare filter system in aquarium before have some biological filtration, by will input the seawater on 1 month.

Key words: Clown anemone fish (Amphiprion ocellaris Cuvier, 1830), Saddle-back anemone fish (Amphiprion polymnus Linnaeus, 1758) rearing, sea water, salt flied, salt artificial

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