

Effects of salinity on incubation time and hatching of spineless cuttlefish *Sepiella inermis* Linné

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Fertilized eggs were produced from a group of broodstock in a culture tank of 200 liter capacity. The eggs were incubated in aerated 1800-ml capacity bottles with four experimental salinities. Initial density was 20 eggs per liter. The bottles were placed in a water-bath of 400 liter capacity. The study was terminated when all of the live eggs had hatched. Average incubation times were 12, 12, 11 and 10 days when incubated in 29, 32, 35 and 38 ‰ salinity respectively. On average, 52, 82, 93 and 62 % hatched in the 4 experimental salinities. Optimal salinity for incubation of the eggs was between 31 and 37 ‰. There was no significant difference between 32, 34, and 35 ‰.

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