

Review of: "Captive breeding and larval rearing of the endemic ornamental fish Moustached Danio, *Danio dangila* (Hamilton, 1822) – First report"

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Potential competing interests: No potential competing interests to declare.

Abstract:

What were the various treatments in experiment 1 and 2?

Introduction:

Explore the diversity of ornamental fish species in India

What contribution does ornamental fish trade contribute to the economy on India?

Is this species the most important and traded ornamental fish in India?

Materials and methods:

What was the sizes of broodstocks purchased and what was the total number of males and females?

What was the paring ratio of breeders?

Was there any time intervals for the 2 injections given to the females? If yes it should be stated

Could you have explored the use of different hormones for injection either than only one?

From your introduction, the dosage of injection was 0.5ml/kg for the females and 0.3ml/kg of the males, however, this differs from Table 1. Any explanation to this?

What was the rate of feed application to the broodstock during this period?

Were the water exchange during the spawning period?

Any measurement of water quality parameters in the breeders tank and in the spawns tank?

Was the spawning done artificially after injection? This need to be clearly stated. If not describe the artificial process of the spawning to hatching

Can the spawning parameters (number of spawned eggs, fertilization rate (%), and hatching rate (%)) be put in equations?

At what size were the spawns transferred to the tanks and what was the feeding frequency and at what period did the feed changes occur?

Results and Discussion

Different species responses to hormone dosages differ

Was there a correlation between the weight of females and fecundity?

Refer to the tables in your text especially for the growth parameters estimated

Were there any economic analysis done on this study?