

Investigation of Causes of *Lates calcarifer* in Bushehr Province Bandar Dir

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Abstract

An unofficial report of the unfavorable condition and casualties of Asian bosonic fish was collected on a breeding farm in the cow of the Fisheries Directorate of Bushehr province on 22/6/96, which was immediately coordinated and the sampling was carried out the next morning. Samples were transferred to the lab in accordance with standard conditions and after the austerity, biometrics was performed and their clinical symptoms were recorded. Given that the history of deaths was not a sign of viral disease, examination of parasites (protozoa) and bacteria from apparently healthy fish and fish with symptoms of the disease by providing a wet slide of gills and possible lesions and bacterial culture of the brain, liver, kidney organs And eyes were examined using common culture medium TSA and TCBS in conventional bacterial culture method. In the final investigation, the causative agent of germicidal bacteria was identified as *Streptococcus* sp. Clinical symptoms of fish were also consistent with the reported symptoms of *Streptococcus* disease in sources for Asian bass fish. Therefore, according to the program for the development of this fish in cages in the southern waters of the country and the damage caused by the disease during the period of breeding, while implementing bio-vaccination, vaccination is an indispensable necessity, which should be taken into consideration by trusted organizations and companies. The fish breeder will be in the cage.

Keywords: Asian bass, *Streptococcus*, Breeding in cages