EIMERIA AURATI IN FRESH WATER FISHES

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A total of 50 faecal samples (from the intestine collected from dead fish) and intestinal scrapings were collected from fresh water fish (Catla catla and Tilapia sparrmanii). The samples were collected from Chembarampakkam lake and Manali. The samples were examined by Willis levitation method. The examination revealed presence of Eimeria aurati by the morphometry. 87.5% of Catla and 50% of Tilapia fish revealed presence of oocysts of coccidia. The samples were kept in 2.5% potassium dichromate for sporulation. Sporulation took 3-4 days. The morphometry was 23.05μm by 16.65μm. Sporulated oocysts revealed that they were E.aurati.

Key words: Coccidia, fish, Eimria aurati, oocysts