

## ADVANCEMENT IN FISH MIGRATORY BEHAVIOR STUDY THROUGH TAGGING: AN OVERVIEW

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*Migration is one of the fundamental mechanisms of fish behavioral physiology, for the purpose of feeding, breeding and recruitment. This branch of science plays an extremely critical role in developing conservation plans and measures for the declining population in an ecosystem through the identification of critical habitats. Therefore, these habitats could be protected for establishing the native population in the identified ecosystem. Till date migratory behaviour studies in all animals including avians, reptiles, mammals including fishes, tagging is the most suitable methodology to trace through different types of tags. Though over the years, there are so many advancements in the tags including satellite based tags, electronic tags and acoustic tags have been developed, the success depends upon the fish species and the aquatic habitat. Here we have provided our results on the tagging experiment for Indian fish species with encouraging results. In addition, this article provides insight into the recent developments in the type of tags used for the fish migration study around the globe including India.*

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