



Biological invasion by introduced fishes on native fishery resources of Manimuthar reservoir in Kalakad Mundanthurai Tiger Reserve, Tamil Nadu, India

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Exotic fishes have been introduced for food fishery in all Indian reservoirs. Along with the other factors, this invasion also played an important role in the decline of native fauna. Exotic fishes have a high degree of resilience, withstand pollution and utilize all available resources, the reason behind its introduction into freshwater water bodies. The present study dealt with the impact of exotic fishes on native fish species from 1989-1998 by the data on fish catch in Manimuthar reservoir. Totally 15 exotics introduced into the reservoir. Data were analysed for stressed and unstressed conditions of native and exotic/alien fish species through Abundance Biomass comparison Index (ABC index). The decreased and negative index for *Puntius sarana* from 1989 to 1998 is an evidence of biological invasion by introduced fishes.