

**A STUDY OF DIETS AND ENTEROPARASITIC INFESTATION OF
CLARIAS GARIEPINUS (BURCHELL, 1822) IN OBA RESERVOIR**

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ABSTRACT

Oba reservoir is located in Oyo state, Nigeria. Knowledge of the diets of *Clarias gariepinus* and the various enteroparasites infesting the fish will assist in establishing a fisheries management programme for the reservoir and detect role of trophic interaction in transmission of the retrieved parasites. The fish specimens were collected from fishermen using cast nets only, they were sacrificed and dissected. Food contents in the stomach were identified using standard methods. Parasites in the enteron were retrieved and identified using standard methods. Seven taxa of food items were detected as food of *C gariepinus* in the reservoir. Immature fish were found to be carnivorous while the matured, though omnivorous had preference for food from animal sources. Six enteroparasites were retrieved from the enteron of the fish and most of the parasites used aquatic invertebrates that were found to be part of the diets of the fish as intermediate hosts.

KEYWORDS: *Clarias Gariepinus*, Enteroparasite, Enteron, Taxa