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ABSTRACT

The effect of cadmium on the freshwater cichlid fish, *Oreochromis niloticus* was assessed. Various behavioural changes were observed when the fish was exposed to different concentrations (2, 4, 6 and 8 ppm) of cadmium. Its LC_{50} was 5.2 ppm. Remarkable depletions in liver/muscle glycogen and haemoglobin were observed with increasing concentrations of cadmium. It can be concluded that the aforesaid changes might be useful indicators of the toxic effects of cadmium in the environment.