Motile aeromonads associated with rainbow trout (onchoryncus mykiss) mortality in Kenya.

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Abstract

A disease outbreak in farmed rainbow trout (Oncorhyncus mykiss) on the slopes of Mount Kenya was investigated and the findings are discussed. Clinical signs included various degrees of eye pathology, cutaneous haemorrhage, ulceration, internal haemorrhage and blood tinged mucocatarrhal enteritis. Approximately 60% of the broodstock and 45% of yearling stock were affected. Parasitological investigation revealed infestation with Trichodina sp. and Chilodonella sp. Bacteriological investigation found Aeromollas hydrophila and AeroTiiOII(1S caviae as the cause of the septicaemic condition. Co-infection of various Pseudomonas sp. and Aeromollas sp. was found in the most seriously affected fish.