Sudan University of science and technology College of Graduate Studies

Effect of high level of ammonia concentration and oxygen consumption for Nile tilapia fingerlings on the Respiratory system

تأثير مستويات التركيز العالية للأمونيا وإستهلاك الاوكسجين علي اصبعيات اسماك البلطي النيلي في الجهاز التنفسي

A thesis submitted in partial fulfillment for requirement of the degree of Master of Science in Fish Technology

By

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Dedication

This thesis is dedicated to My $\,$ mother and my Wife ,My child $\,$ abu abeyda , My Brother (Mutasem –Sef Eldeen) and their family $\,$ sister and their family