

THE MORPHOLOGY OF THE CENTRAL NERVOUS SYSTEM OF
TILAPIA NILOTICA

CORAZON C. BUERANO

SUBMITTED TO THE GRADUATE PROGRAM, COLLEGE OF SCIENCE
UNIVERSITY OF THE PHILIPPINES

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
MASTER OF SCIENCE
(ZOOLOGY)

APRIL 1986

ABSTRACT

This paper gives an extensive description of the normal morphology of the central nervous system, specifically the brain of Tilapia nilotica stained with Delafield's Hematoxylin or Eosin-Hematoxylin. The description covers the 5 major brain areas namely: the telencephalon, diencephalon, mesencephalon, cerebellum and medulla oblongata. Nuclear centers, ventricles, cranial nerves, nerve commissures and sulci found in these areas are identified.