NATIONAL UNIVERSITY

OF

SCIENCE AND TECHNOLOGY



FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

Project Title:

INSECT IDENTIFICATION USING

ARTIFICIAL NEURAL NETWORKS

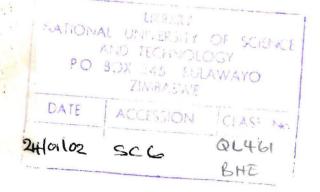
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ABSTRACT

The Zimbabwean National Museum is a host to a wealth of information on artrifacts, animals, birds and insects. The process of classifying and identifying the insects is one of great importance in order to enable the orderliness and uniformity of the classification of the insects. The process of taxonomically classifying, currently is a manual one at the Museum.

This research aims to provide a method of classification which will enable the taxonomist at the museum to classify insects in particular. in this case the Armoured Crickets, using a computerised system that will make the classification process faster and eliminate potential for errors in identification. This classification identifies from the Genera of the Insect to the individual Species.