

**SITE OCCUPANCY OF RODENTS IN FEDERAL
UNIVERSITY OF AGRICULTURE ABEOKUTA
(FUNAAB) ZOO PARK**

BY

**ODUBOTE OLAMIDE HAMDALAT
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SUPERVISOR: DR. O. A. JAYEOLA

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ABSTRACT

This study was carried out in FUNAAB zoo park, which was established in year 2008 and covers a land area of 100 hectares to take care of animals on permanent basis. This study was therefore conducted with the main objective of establishing current ecological status of rodents in federal university of agriculture Abeokuta (FUNAAB) zoo park, also to identify the site occupancy of rodents in FUNAAB zoo park. The study site was divided into two sampling units depicted by established trails of about 800 metres as transects. During survey coordinates of animal sighting points was recorded with global positioning system (GPS), records of all rodents occupancy(active burrow) considering visual observations of indices and or vocalization also constitute detection. The data was collected using detection and non detection methods. Data was analysed using multiple season model. This indicates that the species is common in the zoo in terms observability index and distribution. Daily observability index from the probability of detecting rodents in the morning on site A and B is 40%, 60% for evening and total of 76% on daily basis.