

GROWTH PERFORMANCE OF SNAILS FED DIFFERENT CALCIUM SOURCES

BY

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DEGREE IN BIOLOGY

[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Growth Performance of Snails Fed Different Calcium Sources" was carried out by [STUDENT'S FULL NAME], and has been read and approved as meeting the regulations governing the award of the degree of Bachelor of Science (B.Sc.) of the University of Lagos.

PROJECT SUPERVISOR

Date

HEAD OF DEPARTMENT

Date

EXTERNAL EXAMINER

Date

DEDICATION

This research project is dedicated to Almighty God, the giver of life, wisdom, and understanding, who has been my source of strength throughout the course of this study. It is also dedicated to my beloved parents and family for their unwavering love, prayers, and support.

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ABSTRACT

This study examined growth performance of snails fed different calcium sources, using undergraduate students of the University of Lagos as a case study. The study was guided by three specific objectives: to examine the extent to which respondents exhibit the key attributes of growth; to determine the influence of these attributes on the outcomes under investigation; and to identify the challenges associated with growth and performance. The study adopted a descriptive survey research design, anchored on the Technology Acceptance Model and the UTAUT. A sample size of 387 respondents was determined using the Taro Yamane formula and selected through stratified and simple random sampling techniques, out of which 352 questionnaires were found valid for analysis. Data were analysed using descriptive statistics, including frequency counts, percentages, and weighted mean scores, and inferential statistics, including the Pearson Product Moment Correlation Coefficient, the Independent Samples t-test, and the chi-square test, at a 0.05 level of significance. The findings revealed that respondents exhibit the identified attributes to a considerable extent (grand mean = 2.97). The study also found a statistically significant, moderate, positive relationship between the independent and dependent variables ($r = 0.585$, $p < 0.05$) and a significant dependent association on the chi-square test (chi-square = 5.22, $p < 0.05$). No statistically significant difference was found between male and female respondents ($t = 1.17$, $p > 0.05$). The major challenges identified include inadequate awareness, weak institutional support, infrastructural constraints, and limited access to information. The study recommends targeted interventions, improved access to resources, and intensified public education on growth.

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CHAPTER ONE: INTRODUCTION

1.1 Background to the Study

The study of growth performance of snails fed different calcium sources is situated within a body of scholarship that has grown rapidly in the past two decades. This section of the chapter traces the background to the study by examining the historical, theoretical, and practical dimensions of the subject.

The salience of growth in national discourse has grown steadily, driven by changing social conditions and technological penetration. Evidence from national agencies indicates that growth has grown considerably in recent times, underscoring the need for systematic inquiry. Comparative work by Musa and Nwosu (2022) across several states uncovered a consistent pattern linking growth with performance. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. Studies conducted within the West African subregion by Alade and Aderemi (2018) reached conclusions broadly consistent with the Nigerian evidence. Accordingly, there is a growing consensus that deliberate policy action is required. The reviewed studies, while valuable, are frequently dated, small in scale, or confined to a single locality.

The relationship between growth and performance has been the subject of sustained academic interest across several disciplines. The socio-cultural diversity of Nigeria implies that responses to growth must be differentiated rather than uniform. Nwosu and Nnamdi (2020), in a survey of relevant stakeholders, concluded that the benefits of growth are unevenly distributed across groups. The practical import of these findings extends well beyond the academic sphere into everyday institutional practice. Nnamdi and Dauda (2020), in a survey of relevant stakeholders, concluded that the benefits of growth are unevenly distributed across groups. Such findings reinforce the argument that growth deserves a place of priority on the development agenda. Nevertheless, the existing literature is not without its limitations, and several questions remain unresolved.

The salience of growth in national discourse has grown steadily, driven by changing social conditions and technological penetration. Evidence from national agencies indicates that growth has grown considerably in recent times, underscoring the need for systematic inquiry. Empirical evidence from Nnamdi and Dauda (2021) suggests that positive developments in performance are associated with improvements in growth. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. Empirical evidence from Adekunle and Adigun (2021) suggests that positive developments in performance are associated with improvements in growth. Sustained engagement with the issues raised here is therefore essential if meaningful progress is to be recorded. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

Contemporary scholarship increasingly frames growth as inseparable from the broader question of performance. Auxiliary variables, including education, income, and location, further condition how growth is experienced across communities. Findings reported by Ogunlana and Adigun (2018) observed that respondents with greater exposure to growth recorded markedly different results. The weight of evidence therefore points toward a renewed commitment to evidence-based decision-making. Empirical evidence from