



De La Salle University – Dasmariñas

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**An Assessment of the Efficiency of
DLSU-D Botanical Garden in
Learning Biology**

An Undergraduate Thesis

Presented to

the Faculty of the College of Education

De La Salle University – Dasmariñas

Dasmariñas, Cavite

In Partial Fulfillment

of the Requirements for the Degree

Bachelor of Secondary Education

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**ABSTRACT**

Name of Institution: **De La Salle University – Dasmariñas**

Address: **Dasmariñas, Cavite**

**TITLE: An Assessment of the Efficiency of DLSU-D Botanical
Garden in Learning Biology**

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OBJECTIVES OF THE STUDY:**A. GENERAL:**

Assess the efficiency of the DLSU-D botanical garden in learning biology.

B. SPECIFIC:

Determine the assessment on the efficiency of DLSU-D botanical garden in learning biology.

SCOPE AND COVERAGE:

The setting of the study was in the De La Salle University-Dasmariñas. This study was limited in the assessment on the efficiency of DLSU-D botanical garden in learning biology. The research was limited to 60 students as respondents. The researcher



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used a self-made questionnaire, which was utilized in this study as a tool in gathering data.

METHODOLOGY:

The study made use of the descriptive method of research. The research instrument was a self-made questionnaire validated by selected teachers, which was answered by 60 students from De La Salle University – Dasmariñas during the school year 2006-2007. The weighted mean, frequency distribution and ranking were used to treat the gathered data.

MAJOR FINDINGS:

The item with the highest rank was statement ten, *Scientific names of plants are correctly and written legibly*, with a mean of 2.50 and an interpretation of very efficient. This means that botanical garden is a vital environment in which actual scene was experienced.

The second was item four, *Plant related experiments and exercise are easily conducted*, with a mean of 2.48, and Item six, *The plants maintained have medicinal, aesthetic and economic value*, with a mean of 2.48 and an interpretation of very efficient. This means that the learning abilities of the students was also influenced by the learning environments and in the field learning was more effective than the usual form of discussion in the classroom.



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The item with the least rank of efficiency was statement seven, *student can easily memorize the plant taxonomical classification (kingdom, phylum, class, order, family, genus and species name)*, with a mean of 2.08 and an interpretation of efficient. This means that botanical garden lays an important role in studying biology. It generally has a wide range of species growing together and ready materials for botanical research.

CONCLUSION:

1. The DLSU-D Botanical garden was very efficient because the learning abilities of the students were also influenced by the learning environments. Vital environment in which actual scene was experienced in the field learning was more effective than the usual form.

2. The DLSU-D Botanical garden was efficient because it lays an important role in studying biology and had a wide range of species growing together and ready materials for botanical research.

RECOMMENDATIONS:

1. The academic faculty teachers should continue the process of using the DLSU-D botanical garden as a tool for discussions and experiments on plant related lessons.

2. The school administrator, faculty teachers and the caretaker of botanical garden should continue to develop and maintain the



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DLSU-D botanical garden clean and in proper arrangement for the students to easily make a study on plant related lessons.

 **Recommending Approval:**

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