MAJOR PRACTICE IN MICROPROPAGATION OF ANTHURIUM *(Anthurium andreanum)* AT BENGUET STATE UNIVERSITY

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Submitted to the faculty of the Department of Crop Science
College of Agriculture, Central Luzon State University
in partial fulfillment of the requirements
for the degree

BACHELOR OF SCIENCE IN AGRICULTURE
(Crop Science - Horticulture)

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This major practice report entitled "**MAJOR PRACTICE IN MICROPROPAGATION OF ANTHURIUM (*Anthuriumandreanum*) AT BENGUET STATE UNIVERSITY**", prepared and submitted by **HANNAH CARYL G. BALAJADIA**in partial fulfillment of the requirements for the degree Bachelor of Science in Agriculture (Crop Science) is hereby accepted.

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BIOGRAPHICAL SKETCH

The author, Hannah Caryl Galapon Balajadia was born on February 7, 1997 in Manacsac Guiba Nueva Ecija. She is the second child of Mr and Mrs Orlando and Desiree Balajadia, she has three siblings named Keneth, Carlos and Aira Nicole.

Hannah finished her kindergarten at Manacsac Day Care Center, and attended primary education at Manacsac Elementary School, a secondary education at Our Lady of the Sacred Heart College.

The authors family owns a small land enough for their food, and necessities. Her mother runs a store in their barangay and her father runs a motorcycle for a cab. Her father is a farmer and her other cousins are agriculturist she found an interest in agriculture, but her family wants her to take up a business course for her but then she refused to take it;

She pursues her college degree at Central Luzon State University because of being popular and took a Bachelor of Science in Agriculture major in Crop Science specialization in Horticulture to enhance her skills and interests. She makes good friends while studying. While pursuing college her father died because of a stage four lung cancer, her family needs to move at her grandmother side in Manila to support them because their income was not enough. To cope up with her struggles she spends her time studying and enjoying college life with her friends because her family was far away from her. She made her friends her second family. And she joined in an organization named Society of Crop Science Majors.

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HANNAH CARYL GALAPON BALAJADIA

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ABSTRACT

BALAJADIA, HANNAH CARYL GALAPON, Department of Crop Science, College of Agriculture, Central Luzon State University, Science City of Muñoz, Nueva Ecija, June 2017.

Major Practice in Micropropagation of Anthurium (*Anthurium andreanum*)

Venue: **Regional Tissue Culture Laboratory**
Benguet State University,
La Trinidad Benguet.

Adviser: **Prof. Pacifico T. Vizmonte Jr.**

The major practice in micropropagation of anthurium was conducted at the Regional Tissue Culture Laboratory, Benguet State University La Trinidad Benguet from December 2016- February 2017. The major practice student aimed to know the different aspects in the conduct of tissue culture and acquire both experiential and technical areas of tissue culture. to conduct mini experiments that will enable the major practice students to: develop expertise in inoculation procedures; acquire more precise ability and technical knowledge in preparing stock solution; gain experience in mericloning or subcloning of anthurium (*Anthurium andreanum*), perform *ex-vitro* acclimatization of plantlets grown in *in-vitro*

The major practice student experienced the proper laboratory practices, making of stock solution, culture media and collecting of proper explants. The major practice student

also knows the different tissue culture activities such as inoculation of anthurium, chrysanthemum, african violet, carnation and chrysanthemum flower buds, and orchid pod. She also experienced mericloning of ornamentals and acclimatization of anthurium.

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