

**Volume 1**  
**Number 1**

# **Annals of Tropical Research**

**Technical Journal of the Visayas State College of Agriculture  
Baybay, Leyte, Philippines**

## FOREWORD

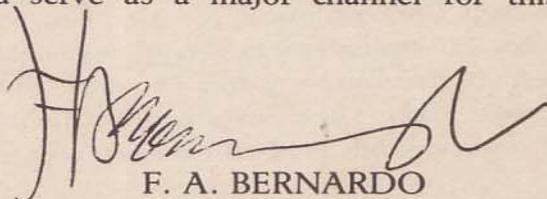
The fifth anniversary celebration of Visayas State College of Agriculture (ViSCA) as a state college is a propitious occasion for the birth of a new scientific publication — the *Annals of Tropical Research*. The idea of putting out a scientific journal took a spark in 1975 when ViSCA was only one year old as a state college of agriculture. Its gestation period was long, for the proponents envisioned a first class technical publication and had to wait for more mature and polished research output of the young and growing research staff.

The *Annals of Tropical Research* is, therefore, not only a new technical journal. It is the fulfillment of a dream, the fruition of ViSCA's rapid staff development program, the arrival of organized and meaningful scientific research in the biological, social and physical fronts.

This new publication shall be devoted to the cause of agricultural and rural development in the tropics. Our choice of title was a deliberate attempt to widen the scope of the journal's coverage so that all branches of science and disciplines in an integrated approach to rural development may be accommodated. Aware also of the universality of science and the location-specificity of technology, we have adopted a title that applies to tropical research in general, rather than a restricted title of a journal for the Visayas or the Philippines. Thus, the *Annals of Tropical Research* is for all seasons — today, tomorrow and in the far future.

Dr. Manuel K. Palomar and Prof. Gloria T. Sadsad, the Editor and Associate Editor, respectively, deserve our hearty congratulations for putting out the maiden issue of the journal during the ViSCA anniversary celebration. The quality of the publication speaks well of their editorial competence and leadership.

The birth of this journal ushers the way for ViSCA faculty members and research staff to publish and disseminate valuable technical information they obtained through research. Any research activity is not complete until research findings — whether negative or positive — are made known through publications. We, therefore, urge every research staff and faculty member to exert his/her utmost effort in publishing research results. The *Annals of Tropical Research* should serve as a major channel for this purpose.



F. A. BERNARDO

President, Visayas State College  
of Agriculture and  
Coordinator, Visayas Coordinated  
Agricultural Research Program

## CONTENTS

- Foreword
- 1 Culture of the Sweet Potato Scab  
Fungus (*Sphaceloma batatas*  
Saw.) ..... Fredeswinda O. Lao and  
G. G. Divinagracia
- 14 Chemical and Organoleptic  
Characteristics of Fresh Sausage  
with Different Levels of  
Duck Meat ..... Lutgarda Salares Palomar
- 20 Pathogenicity of *Meloidogyne* spp.  
and *Rotylenchulus reniformis* on  
Sweet Potato ..... Ruben M. Gapasin and  
R. B. Valdez
- 27 Group Farming Experiences in  
Western Leyte, Philippines ..... Adeltrudis C. Tongco and  
Efren B. Saz
- 35 Biology and Host Range of the  
Chinese Grasshopper,  
*Oxya chinensis* Thunberg ..... Bimbo T. Mandras and  
Dely P. Gapasin
- 45 Community Newsboard as a  
Micro-medium for Development  
Communication ..... Wolfreda T. Alesna
- 50 Effect of Feeding Cobb Broilers at  
Different Ages with Various  
Levels of *Cono* Rice Bran ..... Ma. Evilia Tibon and  
G. R. Gerona
- 56 Strength and Failure of  
Gangnail Connectors ..... Pedro Adonis D. Compendio
- 67 ATR Notes:  
Sweet Potato as a Culture  
Medium Ingredient for  
*Sclerotium rolfsii* Sacc. .... Dionisia M. Trigo and  
M. K. Palomar
- 73 Guidelines for Manuscript Preparation

# **Annals of Tropical Research**

## **EDITORIAL STAFF**

**M. K. Palomar**, Editor

**G. T. Sadsad**, Associate Editor

## **EDITORIAL BOARD**

**R. G. Escalada**  
Plant Science

**G. R. Gerona**  
Animal Science

**F. R. Flores**  
Social Science

**Ly Tung**  
Physical Science

The ANNALS OF TROPICAL RESEARCH is published quarterly by the Visayas State College of Agriculture, Baybay, Leyte, Philippines. No portion of the articles may be reprinted without written permission from the publisher. Interested parties who wish to avail copies of the journal may write to the Editor. Those wishing to send publications in exchange for the journal may address their communications to THE LIBRARIAN, Visayas State College of Agriculture.