

CONTENTS

ADDRESS

- PAULO C. CAMPOS. The Scientist as an Artist 1

AGRICULTURAL SCIENCES

- EUFEMIO T. RASCO, JR. Breeding for Low-Input
Cultivars of Vegetable Crops 9

Discussants:

- Ricardo M. Lantican
Ruben L. Villareal

BIOLOGICAL SCIENCES

- MAGDALENA C. CANTORIA. Notes on Two *Mentha*
Hybrids Grown in the Philippines 27

Discussants:

- Domingo A. Madulid
Mildred B. Oliveros

- PACIENTE A. CORDERO, JR. An Overview of the Marine
Phytoplankton Research in the Philippines with Notes
on Two Recent Basic Research 49

Discussant:

- Milagrosa R. Martinez

- RAFAEL D. GUERRERO III and LUSVIMINDA
A. GUERRERO. Effect on Breeder Size on Fry
Production of Nile Tilapia in Concrete Pools 63

Discussant:

- Tereso A. Abella

JOVENTINO D. SORIANO. Intraspecific Karyological Differences and Phenotypic Variations in Sorghum	69
---	----

Discussants:

Adoracion T. Arañez
 Dolores M. Ramirez
 Prescillano M. Zamora

JOVENTINO D. SORIANO. Induction of Useful Mutations in Peanut (<i>Arachis hypogaea</i> L.)	89
---	----

JOSE R. VELASCO. Boron Deficiency in Adobe-Derived Soils in Eastern Cavite	105
--	-----

Discussant:

Modesto R. Recel

GREGORIO T. VELASQUEZ. The Technology of Research in the Blue-Green Algae and Relevance to Philippine Economy	119
---	-----

Discussants:

Adoracion T. Arañez
 Flordeliz R. Uyenco

HEALTH SCIENCES

BENJAMIN D. CABRERA. Reinfection and Infection Rates of Ascariasis in Relation to Seasonal Variation	129
--	-----

Discussants:

Gloria L. Enriquez
 Ruben L. Umali

FE DEL MUNDO, JAIME SANTOS and CYNTHIA SANTOS. Pseudomonas Infections in Hospitalized Infants and Children in Metro Manila, 1984	143
--	-----

Discussants:

Hilda Lin-Kleiner
 Bibiano C. Reyes

MATHEMATICAL AND PHYSICAL SCIENCES

- JULIAN A. BANZON. Quantitative Aspects in the
Saponification of Coconut Oil by Cold Process 159

Discussant:

Leopoldo S. Castillo

- ERNESTO J. DEL ROSARIO, F. B. ELEGADO and
F. V. PAMATONG. Continuous-Flow Fermentation of
Sugar Into Ethanol Using Immobilized Yeast 169

Discussants:

Perfecto Q. Flor

Lydia M. Joson

Pham Binh Chay

- J. G. F. JANSALIN and CLARA Y. LIM-SYLIANCO.
Mutagenicity and Clastogenicity Potential of
Gusathion A., Carvil and Lannate 193

Discussants:

Alumanda M. de la Rosa

Angelita G. Reyes

- BIENVENIDO O. JULIANO. Factors Affecting the
Nutritional Properties of Rice Protein 205

Discussants:

Ernesto J. del Rosario

Evelyn Mae Tecson-Mendoza

- LUZ OLIVEROS-BELARDO, ZENAIDA B. GALPA
and MA. JUDITH P. ABADIANO. Preliminary Study on
the Essential Oil of *Canarium luzonicum* (Blume) A. Gray
as a Possible Supplement to Diesel Oil 219

Discussants:

Lydia C. Crisostomo

Ronald Mendoza

- EVELYN MAE TECSON-MENDOZA, JOSEPH L. SAMONTE,
CESAR V. MUJER, NORBERTO B. DE LA CRUZ and

- DOLORES A. RAMIREZ. Galactomannan Metabolism
in Developing Normal and Makapuno Coconut Endosperms 237

Discussant:

Julian A. Banzon

- VICTORIA A. VICENTE and FLORENDA S. VALERA. A
6800-Microprocessor-Based Potentiometric Stripping
Analyzer 251

- FILEMON A. URIARTE, JR. A Predictive Model for
Cadmium Concentration in Water Reservoirs 259

- SEVERINO V. GERVACIO. α -Cycle Block Design
Graphs 269

Discussant:

Rolando E. Ramos

SOCIAL SCIENCES

- GELIA T. CASTILLO. Filipino Women in Rice Farming
Systems: Some Empirical Evidences 279

- ALEJANDRO N. HERRIN and VICENTE B. PAQUEO.
Demographic Trends, Population Policy and the
Economic Crisis 335

Discussant:

Corazon M. Raymundo

- VICENTE B. PAQUEO. An Econometric Analysis of
Educational Attainment Among Elementary School
Age Children: Preliminary Results 361

Discussant:

Ruperto P. Alonso