

The Philippine Society for the Study of Nature, Inc. (PSSN)
6th Annual Scientific Convention
Kapalong, Davao del Norte
May 15-21, 2006

PROGRAMME

May 15 - 17, 2006 (Monday-Wednesday) Pre-Convention Activities Nature Challenge:
Spelunking, River tubing,
Mountain trail, etc.

Day 1 Thursday (May 18th)

7:00-8:30 REGISTRATION OF PARTICIPANTS
8:30-10:30 OPENING PROGRAM - **Dr. Naomi G. Tangonan**, Emcee
Invocation/Doxology LGU
National Anthem LGU
Welcome Address/ Inspirational Message
Intermission LGU
Presentation of Delegates
Introduction of the Keynote Speaker - **Dr. CAYETANO C. POMARES**, PSSN President
University of Southern Mindanao (USM)
Kabacan, Cotabato
Keynote Address **Prof. SUSUMI OKITSU, Ph.D.**
Professor, Phytogeography and Forest Ecology
Chiba University, Matsudo, Chiba, Japan
Leadership Award **Dr. H.M. Soriano, Jr.**, PSSN President 2004-'05
10:31-10:46 COFFEE BREAK/ MOUNTING of POSTERS
10:47-11:47 CONVENTION PROPER
Presentations of Finalists for Best Paper & Best Undergraduate Thesis Awards
Moderator: **Dr. Liza G. Battad**
11:48-12:00 OPEN FORUM
12:01 - 1:00 LUNCH BREAK/POSTER VIEWING
Dr. Honorio M. Soriano, Jr. **Dr. Ricardo T. Bagarinao**
Chair, Best Poster Contest Co-Chair, Best Poster Contest
1:01-5:00 Moderator: **Dr. V. Julius P. Manzano, Jr.**
5:01-5:30 OPEN FORUM

DAY 2	Friday (May 19 th)	
	SESSION 1A	SESSION 1B
	Moderator: Dr. Ramon M. Docto	Moderator: Dr. Honorio M. Soriano, Jr.
7:30-7:50	PLENARY SPEAKER Abaca: An Important Indigenous Natural Fiber Crop - Dr. Olympio B. Macarayan Director, FIDA Region XI	
7:51-7:55	OPEN FORUM	
7:56-9:36	Plant species diversity in oil palm plantation in Agusan, Philippines Reynaldo S. Callano USM, Kabacan, Cotabato	Waste management practices of fish deboning industries in Dagupan City and San Fabian, Pangasinan, Philippines Dominica J. Sajonas Pangasinan State University, Binmaley, Pangasinan
	Growth and buddability of polybagged rubber seedlings as influenced by soil types Luis J. Sumalpong & Evelyn A. Souribio Bayawan City, Negros Oriental	Garbage, defiance, and dignity: the plight of informal settlers in Urban, Lupang Pangako, Payatas, Quezon City, Philippines Christine Joyce G. Ajoc UPLB, College, Laguna
	Effects of fertilizer on the growth of immature rubber, Kabacan, Cotabato, Philippines Leonila M. Tolentino USM, Kabacan, Cotabato	Zambales natural resources under American colonial government (1901-1921) Janet S. Reguindin UPLB, College, Laguna
	Varietal diversity and patterns of genetic erosion of traditional upland rice cultivars in Barangay Kihan, Malapatan, Sarangani Province, Philippines Jaime A. Namocatcat & Florence L. Zapico MSU, General Santos City, Josephine R. Carino Office of the Provincial Governor, Provincial Capitol, Sarangani Province	Mt. Malindang Range Natural Park, Mindanao, Philippines: potential for ecotourism Carmelita Garcia Hansel MSU, Marawi City
	Coconut water as a novel culture medium for the biotechnological production of schizophyllan Renato G. Reyes CLSU, Science City of Muñoz, Nueva Ecija, Philippines Wolfgang Graßl & Udo Rau Technical University of Braunschweig, Braunschweig, Federal Republic of Germany	Ecotourism Priorities Study: Proactive approach to nature conservation: The case of Barangay Catigan, Toril, Davao City, Philippines Rowena Santos-Delgado UP Mindanao, Davao City
	Integrated crop management on local coconut	Coastal resource management initiatives for

hybrid, Catigan dwarf x Laguna tall (CATD x LAGT): early crop development years
Millicent I. Secretaria, Emmanuel D. Aterrado, & Rogaciano Z. Margate
PCA-Davao Research Center, Davao City
Severino S. Magat
PCA-Agricultural Research Management Dept.
Diliman, Quezon City

Host suitability of two potential model plants *Medicago truncatula* and *Lotus japonicus* to migratory and root knot nematodes
Love Vine S. Cartoneros, Prof. Dr. Dirk De Waele (Promoter), & Dr. Ir. Annemie Elsen (Supervisor)
Gent University, Belgium

Effects of land use pattern on runoff, sediment yield, and pesticide loading in upland microcatchments in Manupali Watershed, Lantapan, Bukidnon, Philippines
Edward R. Lapong
MSU, General Santos City

Evaluation of shallow groundwater quality in selected tobacco growing areas in Batac, Ilocos Norte, Philippines
Virgilio Julius P. Manzano Jr.
Mariano Marcos State University (MMSU), Batac, Ilocos Norte

Indigenous folklore and tradition: elements of biodiversity conservation in Batak domains, Puerto Princesa City, Philippines
Maria Carinnes Pamintuan-Alejandria
Palawan State University, Puerto Princesa City

Panabo City, Davao del Norte, Philippines: profile of selected ecological habitats
Girley S. Gumanao, Lemuel R. Cardona, Joan Cristin Alipoyo, Franco N. Salac, Kenny Allan P. Benigno, Rosielyn P. Tejada, Julieta S. Abarquez, Joey P. Sotomil, Roderic Granada, Reims Benitez, Marc Jun Daradar, Marichu Saceda, Ronnie P. Estrellada, Evelyn J. Lumaday, Jean D. Centina, S. Torrejos, & Edna A. Valiente
Davao del Norte State College, Panabo City

Growth and survival of giant clams (*Tridacna squamosa*) in different depths at the DNSC Marine Reserve Park, Adecor Kaputian, Island Garden City of Samal, Philippines
Girley S. Gumanao, Franco N. Salac, Lemuel T. Cardona, Apolinar T. Paulican, & Ronnie P. Estrellada
Davao del Norte State College, Panabo City

Partnership between Local Government Unit (LGU) and Non-government Organization (NGO) towards urban renewal: a case study of Caloocan City, Philippines
Arlen A. Ancheta
University of Santo Tomas, Manila

Environmental quality of an organic residential community in an urban fringe area of Davao City, Philippines
Evan Glece Casas, Nory Loyd Narvaez, & Isidoro R. Malaque III
UP Mindanao, Davao City

Green approach to riverfront development: balancing the built and natural environments in open spaces along the Davao River, Davao City, Philippines
Leslie Tom M. Pagaduan, Rowena S. Delgado, & Isidoro R. Malaque III
UP Mindanao, Davao City

9:36-9:51 OPEN FORUM
BREAK

OPEN FORUM
BREAK

SESSION IIA

10:00-11:20 Moderator: **Ms. Anni Charis Salinas**

Characterization of microbial biomass in aquaculture denitrification biofilters

Willie Jones B. Saliling

USM, Kabacan, Cotabato

T.M. Losordo, & P.W. Westerman

North Carolina State University, Raleigh, North Carolina, USA

An unprecedented aphids population outbreak in coconut plantations in Davao City and Davao del Sur, Philippines

E.D. Aterrado, V.C. Gallego, & C.E.

Gallego

PCA -Davao Research Center, Davao City

Histology of the ileum and production performance of Salmonella-challenged broilers provided with lactic acid bacteria, inulin, and flavophospholipol

V.P. Obsioma

UP Mindanao, Davao City

N.P. Roxas, M.R. Batungbacal, E.S. Luis,

E.I. Dizon, & R.C. Mabesa

UPLB, College Laguna

Pathogenesis and epidemiology of diseases of *Musa* spp. in four Barangays of Silang, Cavite, Philippines

Leila L. Maandal & Orlex B. Yllano

Adventist University of the Philippines (AUP), Silang, Cavite

Accumulation and growth response of corn exposed to electroplating effluents

Benjamin R. de Jesus Jr. & Salvacion M.

Ritual

UP, Diliman, Quezon City

Orlex B. Yllano

AUP, Silang, Cavite

Diversity and distribution of earthworms in Mt. Malindang, Mindanao, Philippines

Nonillon M. Aspe, Olga M. Nuñez, & Mark

Anthony J. Torres

MSU-IIT, Iligan City

SESSION 11B

Moderator: **Ms. Abigail Campos**

Indigenous uses of some marine resources in Romblon Province, Philippines

Zenaida G. Baoanan

University of the Philippines, Baguio

Roberto C. Pagulayan & Lourdes J. Cruz

UP, Diliman, Quezon City

A glance at the Tagbanua and Pala'wan indigenous beliefs in nature as manifested in their myths, legends, and practices: Palawan, Philippines

Nita Jagmis- Socrates, PhD

Palawan State University, Puerto Princesa City

Women in the home-based dairy industry, Bulacan, Philippines

Liza G. Battad

Philippine Carabao Center, Science City of

Muñoz, Nueva Ecija

Stakeholders' participation on biodiversity conservation in the Mt. Makiling Forest Reserve, Los Banos, Laguna, Philippines

Carmelita M. Rebancos

UPLB, College, Laguna

Analyzing using GIS the patterns of movement of the agricultural patches in Mananga

Watershed, Cebu, Philippines

Ricardo T. Bagarinao & Jesus V. Juario

UPV Cebu College, Lahug, Cebu City

Antonio J. Alcantara, Enrique P. Pacardo, &

Myrna G. Carandang

UPLB, College, Laguna

Externalities of being with nature: the case of a farmer model in agroforestry, Eastern Samar, Philippines

Rogelio L. Padit & Jovino L. Padullo, Jr.

Easter Samar State University (ESSU), Salcedo, Eastern Samar

The state of Seagrass meadows in selected coastal areas of Palawan Island, Philippines
Floredel Dangan-Galon
Palawan State University, Tinguiban, Puerto Princesa City

Demographic and institutional influence on participation of youth in the management of Salcedo Watershed, Eastern Samar, Philippines
Rogelio L. Padit
ESSU, Salcedo Eastern Samar
Elvira S. Talatayod & Enrique E. Pacardo
UPLB, College, Laguna

Floristic composition and distribution of the dicot flora of Mt. Pangasugan, Leyte, Philippines
Beatriz S. Belonias
Leyte State University, Visca, Baybay, Leyte

Indigenous tree domestication in agroforestry farms: smallholder farmer's perspective
ICRAF (International Center for Research in Agroforestry) (Zorina Calusero)
World Agroforestry Center, College of Forestry and Natural Resources
UPLB, College, Laguna

11:21-11:40 OPEN FORUM

OPEN FORUM

11:41-12:00 ELECTION OF NEW SET OF OFFICERS/ Treasurer & President's Reports

12:01-12:59 LUNCH BREAK/POSTER VIEWING

Moderator: **Dr. Nancita F. Puntawe**

Moderator: **Dr. Romeo A. Gomez, Jr.**

1:00-1:15 PLENARY SPEAKER

Crocodiles of Liguasan Marsh, Mindanao, Philippines - what we don't know
Charles A. Ross
Zoology Division, National Museum of the Phil.

1:16-1:21 OPEN FORUM

SESSEION IIIA

SESSION IIIB

1:22-2:42 Assessment of variability within the population of the vulnerable Mindanao endemic blue-capped kingfisher, *Actenoides hombroni* using polymorphic DNA markers
Lothy R. Fernandez, Olga M. Nuñez, & Franco G. Teves
MSU-IIT, Iligan City.

Status of coastal livelihood projects in selected areas in the First District of La Union, Pangasinan, Philippines
Samuel O. Olivar
Don Mariano Marcos Memorial State University (DMMMSU), Bacnotan, La Union

Identification of mosses and liverworts at the lower slope of the western side of Mount Sinaka, Arakan, Cotabato, Philippines
Bai Sharifa A. Mamalo, Janette P. Supremo, & Shiela L. Dagondon
USM, Kabacan, Cotabato

Circulation system of public open spaces in a highly urbanized area and in an urban fringe area in Davao City, Philippines
Loverly Marie M. Sarte, Maria Teresa J. Zamora, & Isidoro R. Malaque III
UP Mindanao, Davao City

From nature to the laboratory: successful efforts of domesticating *Schizophyllum commune*, a wild edible mushroom in the Philippines
John Keith M. Gisala, Evaristo A. Abella,

Sustainable agriculture perspectives and practices of rice farmers in M'lang, Cotabato, Philippines
Rowena T. Baconguis & Federico A. Cruz
UPLB, College, Laguna

Sofronio P. Kalaw, & Renato G. Reyes
CLSU, Science City of Munoz, Nueva Ecija

Distribution of *Nepenthes* spp. Along the western slope of Mt. Sinaka, Arakan, North Cotabato, Philippines

Christine Mae D. Santos & John Aries G.
USM, Kabacan, Cotabato

Understanding the molecular phylogeny of Philippine endemic megabats and microbats deduced from DNA sequences

S.T. Jr. Bastian, RJ. A. Malcampo, S. Adjei, & J.C. Ibañez,
Davao City, Philippines
T. Yamagata & T. Namikawa
Graduate School of Bioagricultural Sciences,
Nagoya University, Japan

Characterization of *Beauveria* sp. associated with limacodids infecting sago (*Metroxylon sago* Rottb.)

Maylilene B. Fuentes & Dr. Reynaldo G. Abad
UP Mindanao, Davao City

Community associated - oxacillin resistant *Staphylococcus aureus* isolates of the pediatric population in residential proximity to Iligan City dumpsite, Philippines

Leonell Albert L. Quitos & L.D. Lahoylahoy
MSU-IIT, Iligan City

Butterflies in selected forestal fringes of Agusan Marsh, Bunawan, Agusan Del Sur, Philippines

Milrose Galban Salazar
BS Biology
Adviser: **Dr. Reynaldo G. Abad**
UP Mindanao, Davao City

From pailis to pasungkô: negotiating the present, ascertaining the future (indigenous knowledge systems and opportunities for biodiversity management and conservation)
L. C. Sevidal Castro PhD, Liwayway S. Vilorio PhD, Johanna E. Hanasan, & Reymund T. Bago
MSU-IIT, Iligan City

Stakeholders' participation in the management of Malampaya Sound Protected Land and Seascape, Old Guinlo, Taytay, Palawan, Philippines

Mary Ann B. Valones & Ramon M. Docto
Palawan State University, Puerto Princesa City

Results of the preliminary sampling of phytoplankton community in fish cages of San Pedro Bay, Leyte, Philippines during August 2005

Leni G. Yap-Dejeto, Marjorie Cobacha, Genneline Cinco, & Jay-ar Ragub
University of the Philippines in the Visayas
Tacloban College, Tacloban City, Leyte

Vehicle owners' willingness-to-pay for improvements in air quality in the City of Puerto Princesa, Palawan, Philippines

Patrick A. Regoniel
Palawan State University, Puerto Princesa City, Palawan

Positive externalities of the sanitary landfill project in the City Of Puerto Princesa, Palawan, Philippines

Christine S. Dador
Tagbalay Foundation, Inc., Rizal Avenue, Puerto Princesa City
Patrick A. Regoniel
Palawan State University Graduate School
Manalo Campus, Puerto Princesa City

2:43-2:53 OPEN FORUM

OPEN FORUM

SESSION IVA

2:54-4:34

MODERATOR: Dr. Emma Ruth V. Bayogan
Zonation studies on Mt. Makiling, Philippines:
its relevance in handling resource loss
IAF Lambio & IE Buot Jr
UPLB, College, Laguna

An investigation of the taxonomy of Family
Apocynaceae (Sensu Angiosperm Phylogeny
Group)

Inocencio E. Buot, Jr. & Avilla V. Baluyot
UPLB, College, Laguna

Taxonomic and ecological parameters that the
community can measure for participatory
assessment of biodiversity

**Inocencio E. Buot, Jr. & Marie Fe M.
Sangalang**
UPLB, College, Laguna

The teaching of plants, being one with nature,
and the Council of PEACE (People Engaged in
Active Community Experience)

Marie Fe M. Sangalang
UPLB, College, Laguna
Leonarda G. Nallana

Lingkod At Manggagawa ng Panginoon (LAMP),
Canlubang, Calamba City, Laguna

Taxonomic classification of flowering Plants:
reconciling traditional classification systems
with the Angiosperm Phylogeny Group (APG)
approach

**Marie Fe M. Sangalang, Annalee S. Hadsall,
Louel Ross M. Calleja, Socrates D. Letana,
& Inocencio E. Buot, Jr.**
UPLB, College, Laguna

Variations in wing shapes and centroid sizes
within, between, and among populations, and
species of damselflies

SESSION IVB

MODERATOR: Dr. Carmelita M. Rebanco
Institutionalization of a water user fee for Mt.
Isarog Natural Park, Camarines Sur, Philippines
**Josefina T. Dizon, Margaret M. Calderon, &
Edwino S. Fernando**
UPLB, College, Laguna

The poaching activities in Mt. Apo National
Park, Mindanao, Philippines
**John Aries G. Tabora & James Gregory C.
Salem**

USM, Kabacan, Cotabato

The natural wonders of Loreto, Dinagat Island,
Surigao del Norte, Philippines

Henry I. Rivero & Maricris Gay P. Garcia
MSU-IIT, Iligan City
**Vanessa Claire Gordovez, Christine Mae
Edullantes, Bryan Dave Rodriguez, & Noel
Falconitin**

Hayuma Foundation, Inc., Quezon City, Metro
Manila

Alma P. Palacio

Foundation for the Philippine Environment,
Manila

Product of nature: honey myths and realities

Nenita E. Tapay
UPLB, College, Laguna
Rogelio L. Padit

ESSU, Salcedo, Eastern Samar

In consonance with nature: levels of living of
waste pickers in Los Baños, Laguna, Philippines

**Yellowbelle D. Duaqui, Pio S. Mijares, &
Nenita E. Tapay**

UPLB, College, Laguna

Rogelio L. Padit

ESSU, Salcedo, Eastern Samar

Aleksander Gaut SVD

University of San Carlos, P. Del Rosario St.,
Cebu City

Bridging the functional divide: the Los Baños
waste management initiative, Philippines

Rogelio L. Padit

Mark Anthony J. Torres, Remaur S. Herrera, & Cesar G. Demayo
MSU-IIT, Iligan City

Image analysis of leaf shape variations in endemic, indigenous, and new species of Hoyas from the Philippines using Elliptic Fourier Shape Descriptors

Mark Anthony J. Torres & Cesar G. Demayo
MSU-IIT, Iligan City,
Simeona V. Siar
UPLB, College, Laguna

Behavioral traits in monozygotic and dizygotic twins

Maritess Bonachita, Mark Anthony J. Torres, & Cesar G. Demayo
MSU-IIT, Iligan City

Size and shape variation in populations of *Achativa fulica* and *Amphidromous furcilla*: a multivariate morphometric approach

Ken P. Dadula, Mark Anthony J. Torres, & Cesar G. Demayo
MSU-IIT, Iligan City

Cryptogamic plants in various land use types in Laguna, Luzon Island, Philippines

Louel Ross M. Calleja, Samuel R. Aragon, Jovy G. de Manuel, & Marie Fe M. Sangalang

UPLB, College, Laguna

4:35-4:50

OPEN FORUM

ESSU, Salcedo, Eastern Samar

Aleksander Gaut SVD

University of San Carlos, P. Del Rosario St.,
Cebu City

Pio S. Mijares, Yellowbelle D. Duaqui, & Nenita E. Tapay

UPLB, College, Laguna

Saving nature: empowering People's Organization in waste management, Los Baños, Laguna, Philippines

Aleksander Gaut SVD

University of San Carlos, P. Del Rosario St.,
Cebu City

Rogelio L. Padit

ESSU, Salcedo, Eastern Samar

Pio S. Mijares, Yellowbelle D. Duaqui, & Nenita E. Tapay

UPLB, College, Laguna

Solid waste reduction of business establishments in Los Baños, Laguna, Philippines: emerging practices

Pio S. Mijares, Yellowbelle D. Duaqui, Aleksander Gaut SVD, Rogelio L. Padit, & Nenita E. Tapay

UPLB, College, Laguna

OPEN FORUM

DAY 3	Saturday (May 20 th)	
	MODERATOR: Dr. Lorna C. Gelito	MODERATOR: Prof. Ruth Ellinor L. Cannen
7:30-7:50	PLENARY SPEAKER Processing of seaweed into nature friendly organic fertilizer and its beneficial effects Mr. Expedito P. Dublin Proprietor, Bio-Industries, Cebu City	
7:51-7:55	OPEN FORUM SESSION VA	SESSION VB
7:56-9:36	Reactions of five durian cultivars to Phytophthora fruit rot by artificial inoculation under controlled conditions Sitti Julyha B. Suib & Reynaldo G. Abad UP Mindanao, Davao City	Students' and teachers' endorsement of various environmental education topics for inclusion in science lessons: a Rasch analysis Joel V. Lubrica Benguet State University, La Trinidad, Benguet
	Population dynamics and life history of major foliar pests of durian with notes on their natural enemies C.C. Evangelista, P.O. Cahatian, & E. Irog-irog USM, Kabacan, Cotabato	Groundwater resource assessment for supplemental irrigation in selected Municipalities of Compostela Valley Province, Philippines Ireneo P. Amplayo & Onofre F. Ringor University of Southeastern Philippines (USEP), Apocon, Tagum City
	Insect diversity in oil palm plantation in Mindanao, Philippines Purificacion O. Cahatian USM, Kabacan, Cotabato	Population differences between the Bagobo Tribe of Makilala, Cotabato and the Talaandig Tribe of Lantapan, Bukidnon, Philippines Rea Mae C. Isip, Cesar G. Demayo, & Mark Anthony L. Torres. MSU-IIT, Iligan City
	Beetles in selected forestal fringes of Agusan Marsh, Bunawan, Agusan Del Sur, Philippines Harlene F. Divino, & Dr. Reynaldo G. Abad UP Mindanao, Davao City	Gradual conversion of a rice field to a mango orchard Gilbert Asilo & Jesusa D. Ortuoste Sultan Kudarat Polytechnic State College (SKPSC), Tacurong City,
	Geometric morphometric approaches to the discrimination of sex in freshwater commercial fishes from Baloi (Agus) Lake in Lanao del Norte, Philippines Nasheba Arumpac, Mark Anthony J. Torres, & Cesar G. Demayo MSU-IIT, Iligan City	Persistent organic pollutants in Puerto Princesa City and selected municipalities in the Province of Palawan, Philippines Ernesto S. Dedel, Jr. Palawan State University, Puerto Princesa City
	Correlates of the morpho-anatomical and horticultural characteristics and starch content of sweetpotato (<i>Ipomoea batatas</i> Linn.) varieties grown in Sorsogon City,	Relationship of lowland rainforests with soil factors in Palawan, Philippines Nestor T. Baguion, PhD UPLB, College, Laguna

Philippines

Anie H. Solano & Ida H. Revale

Bicol University, Legazpi City

Comparative histotoxicity study of leaf and bulb extracts of Taliunud (*Pancratium amboinense* Linn.) using chicken embryo assay

Karen Vergara Porteza & Ida H. Revale

Bicol University, Legazpi City

Morphological characterization of *Musa balbisiana* collections in the Philippines

Rachel C. Sotto & Roel C. Rabara

UPLB, College, Laguna

Morphological and biochemical investigations on three Sapindaceae species: longan (*Dimocarpus longan* Lour. ssp. *longan* var. *longan*), lychee (*Litchi chinensis* Sonn. ssp. *chinensis*), and alupag (*L. chinensis* Radlk. ssp. *philippinensis* (Radlk.) Leenh.)

Rachel C. Sotto, Roberto E. Coronel, Norma O. Aguilar, Domingo E. Angeles, & Juanito B. Sangalang

UPLB, College, Laguna

Free-living terrestrial nematode community at the lower slope of Mt. Sinaka, Arakan, North Cotabato, Philippines

Fatima-Alliah G. Akmad & Ma. Teodora A. Nadong

USM, Kabacan, Cotabato

Environmental zoning for biodiversity conservation in Lawaan, Eastern Samar, Philippines

Eulito V. Casas, Jr. & Nestor T. Baguion

UP Tacloban College, Tacloban City

Water users and the management of the Mt. Isarog Natural Park, Camarines Sur, Philippines: a contingent valuation study

Margaret M. Calderon, Josefina T. Dizon, Roberto P. Cereno, Joselito R. Barile, Anna Liza S. Bais, & Edwino S. Fernando

UPLB, College, Laguna

Participatory methodological framework for land use change estimation: a pioneering application in Mt. Data, Bauko, Mt. Province, Philippines

Romeo A. Gomez Jr., PhD

Benguet State University, La Trinidad, Benguet, Mt. Province

Predicting copper transport in an undisturbed soil column using a two-region transport model

Nathaniel R. Alibuyog

DMMSU, Batac, Ilocos Norte, Philippines.

Victor B. Ella

UPLB, College, Laguna

9:36-9:51 OPEN FORUM
BREAK
SESSION VIA

10:00-11:40 MODERATOR: **Dr. Jesusa D. Ortouste**
Effect of different plant extracts and organic wastes on the occurrence of *Meloidogyne incognita* Chit. causing root-knot of ampalaya
Nanette Hope N. Sumaya & Jaime C. Silvestre
USM, Kabacan, Cotabato

OPEN FORUM
BREAK
SESSION VIB
MODERATOR: **Dr. Ricardo T. Bagarinao**
The effect of ginseng (*Panax ginseng*) in the sperm quality and white blood cells of goats
Vedessa Paraiso Varias, Josephine R. Flores DVM, MSAS, & Cayetano C. Pomares PhD
USM, Kabacan, Cotabato

Traditional rice-based culture and agro-biodiversity of the Karaos of Bokod, Benguet, Philippines

Morpho-histological evaluation of testes in native bucks treated with ginseng (*Panax ginseng*)

Amie F. Ayochok, Julie Ann R. Banwagen, Abner O. Lawangen, Brendo A. Ngalatan, Marites G. Santos, & Romeo A. Gomez Jr.,
PhD
Benguet State University, La Trinidad,
Benguet, Mt. Province
Species diversity and community structures of dragonflies from selected areas in Mindanao, Camiguin Island, and Negros Oriental
Mark Anthony J. Torres & Cesar G. Demayo
MSU-IIT, Iligan City

Developmental independence of eyespots in the wings of the butterfly *Ypthima lisandra*
Mark Anthony J. Torres, Cesar G. Demayo, & Ceril E. Sarte
MSU-IIT, Iligan City

Growth responses of acclimatized sago palm (*Metroxylon sagu* Rottb.) suckers in marsh and bacteria-amended soils
Marie Angelique Vernaiz, Lynn Esther E. Rallos, & Jeneylyne F. Colcol
UP Mindanao, Davao City

Yield, harvest quality, and sprouting of in-ground stored potato (*Solanum tuberosum*) tubers
Emma Ruth V. Bayogan
UP Mindanao, Davao City
Fernando S. Balog-as
Benguet State University, La Trinidad,
Benguet

Gibberrellic acid prolongs dormancy of yam (*Dioscorea alata* cv. *Baligun-on*) bulbils
Emma Ruth V. Bayogan
UP Mindanao, Davao City

Dandy D. Nogodula & Cayetano C. Pomares,
PhD
USM, Kabacan, Cotabato

The viability of liquid-stored semen from bucks drenched with ginseng (*Panax ginseng*)
Gizelle O. Martinez & Cayetano C. Pomares
USM, Kabacan, Cotabato

The quality of dog semen as affected by storage atmosphere
Joylyn E. Delfin & Cayetano C. Pomares
USM, Kabacan, Cotabato

The effect of variety of extenders in freezing dog semen
Vivicar B. Maquerme & Cayetano C. Pomares,
PhD
USM, Kabacan, Cotabato

Quality evaluation of electro-ejaculated semen from different breeds of ram for gene banking
Karen Jane A. Marollano & Cayetano C. Pomares, Ph.D
USM, Kabacan, Cotabato

The effect of choline chloride as feed supplement on egg production and brown eggshell production in Starcross layers
Jofrey C. Tanate & Milagrina P. Pomares
USM, Kabacan, Cotabato

11:41-12:00 OPEN FORUM
12:01-12:59 LUNCH BREAK

1:00-1:15 PLENARY SPEAKER
1:16-1:21 OPEN FORUM
SESSION VIIA

1:22-2:42 MODERATOR: **Prof. Ida H. Revale**
Most Probable Number (MPN) total coliform and susceptibility profiles of *Escherichia coli*

SESSION VIIB
MODERATOR: **Dr. Reynaldo G. Abad**
Of gays and men: morphometrics, dermatoglyphics, fraternal birth order, 2D:4D

isolates in drinking water from piped distribution systems in Iligan City, Lanao del Norte, Philippines
Peter D. Blanco & Lucilyn D. Lahoylahoy
MSU-IIT, Iligan City

A preliminary study on the gut contents of Anurans in Terminalia forest, Sitio Kailoan, Barangay Poblacion Bunawan, Agusan del Sur, Philippines
Fritzie B. Ates & Donabel B. Palafox
UP Mindanao, Davao City


Bat communities in a swampy forest habitat of Agusan Marsh wildlife sanctuary, Agusan, Philippines
Fritzie B. Ates, Diana Maria Margarita A. Verdote, & Jayson C. Ibañez
Philippine Eagle Foundation, Inc., Davao City

Frogs and their microhabitat preferences in the lower montane forest and immediate vicinity of Kalatungan Mountains, Bukidnon, Philippines
Eddie P. Mondejar & Dennis A. Warguez
MSU-IIT, Iligan City

The reptiles of Mt. Tago Range, Bukidnon, Philippines
Eve V. Fernandez & Olga M. Nuñez
MSU-IIT, Iligan City

Comparative gonad and oocyte morphology of fishes from Iligan City, Philippines
Olga M. Nuñez, Henry I. Rivero & Maricris Gay P. Garcia
MSU-IIT, Iligan City

Mating behavior and food preferences of the Palawan tree shrew *Tupaia palawanensis* (Thomas) in captivity, Palawan, Philippines
Judeline C. Dimalibot & Lorna C. Gelito
Palawan State University, Puerto Princesa City

ratio, and fluctuating asymmetry
Ruffy Allan Genilo, Mark Anthony J. Torres, & Cesar G. Demayo
 MSU-IIT, Iligan City

Morphometric sex determination of Philippine Eagles
Norberto R. Navarrete Jr., Edelyn S. Tubio, & Jayson I. Ibañez
UP Mindanao, Davao City

Population and nesting density estimates of the Philippine Eagle in Mindanao, Philippines
Norberto R. Navarrete Jr., Daryl R. Alegarbes, & Jayson I. Ibañez
UP Mindanao, Davao City

Biological study of the polluted water of Pantal River in Dagupan City, Pangasinan, Philippines
Sotero M. Aban, Jocelyn V. Jovellanos, & Armando C. Garcia
Pangasinan State University, Binmaley, Pangasinan, Philippines

Relative density of macrobenthic organisms in fishpen and non-fishpen area of Dagupan City River System, Pangasinan, Philippines
Sotero M. Aban, Rene B. De Vera, & Armando C. Garcia
Pangasinan State University, Binmaley, Pangasinan

Rehabilitation of the Parongking River in Pangasinan, Philippines
Sotero M. Aban, Armando C. Garcia, & Rene B. De Vera
Pangasinan State University, Binmaley, Pangasinan, Philippines

An assessment of household potable water sources, consumption, and water demand by users for sustainable municipal management application
Angelo P. Cadelaria
Bicol University, Legaspi City

3:00 PM

CLOSING PROGRAM

Induction of New Officers and Members

Turnover of Responsibility

PSSN's Declaration of Support to the Natural Wonders (caves and underground rivers) of Kapalong

Awarding of winners

Impressions

Inaugural/Closing Remarks

Dr. Margaret M. Calderon, Emcee

Dr. Cayetano C. Pomares

Ms. Edna B. Parcon

Municipal Information & Tourism Officer
Kapalong, Davao del Norte

Dr. Inocencio E. Buot, Jr.

Chair, Evaluation Committee

Selected Participants

President, PSSN (2006-2007)

May 21st, Sunday.....Nature Challenge.....
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