

LIST OF ABSTRACTS FOR SCIENTIFIC POSTERS PRESENTATION

41st Annual Scientific Meeting; 10-11 July 2019

THEME: "Caring for Our Nations Carrying Capacity"

Biological Sciences Division - Accepted as of May 15, 2019

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BIODIVERSITY					
BSD-001	Rosario Rivera Rubite, Teodora D. Balangcod, Shih-Hui Liu, Yu-Hsin Tseng, Diaiti Zure, Ching-I Peng and Kuo-Fang Chung	Rosario Rivera Rubite	Rosario Rivera Rubite	Department of Biology, College of Arts and Sciences, University of the Philippines Manila, Padre Faura, Manila, Philippines.	Begonia balangcodiae sp. nov. from northern Luzon, the Philippines and its natural hybrid with <i>B. crispipila</i> , <i>B. × kapangan</i> nothosp. nov., the first report of natural hybridization in sect. <i>Petermannia</i>
BSD-002	Ehlich Ray J. Magday, Andrea G. Azuelo, Lalaine G. Sariana, Roselynn Grace G. Montecillo, Rudeno B. Pequero, Nelmar T. Bacol, Melanie P. Suldano, Arman P. Nuezca, Maricel Gonzales, Mariza Bains, Edgar Anud, Gilden Maecah M. Migalang, Mc Arthur L. Cababan, Marlo Cuario, Exequiel B. Valiente	Ehlich Ray J. Magday	Ehlich Ray J. Magday	Central Mindanao University, Musuan, Maramag, Bukidnon Valencia National High School, Valencia City, Bukidnon Bukidnon School of Home Industries, Maramag, Bukidnon Alubijid National High School, Alubijid, Misamis Oriental Ateneo de Zamboanga, Zamboanga City Lourdes Integrated School, Lourdes Valencia City, Bukidnon	Diversity of Epiphytic Macrolichens of the Three Montane Forests of Mindanao, Philippines

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-003	Fulgent P. Coritico, Florfe M. Acma, Mary Cor S. Salolog and Victor B. Amoroso	Fulgent P. Coritico	Fulgent P. Coritico	Department of Biology, Central Mindanao University	Tree species diversity and stand structure of the forest patch in Baganihan, Marilog Forest Reserve, Southern Philippines
BSD-004	Eve F. Gamalinda, Shawn Joshua P. Boucher, and Christine Joy B. Abellano	Eve F. Gamalinda	Eve F. Gamalinda	Caraga State University	Species diversity and endemism of herpetofauna in Basilisa and Loreto near mine sites, Province of Dinagat Islands, Caraga Region, Philippines
BSD-005	Fatima Mae P. Foliso, Leni G. Yap-Dejeto	Fatima Mae/P./Folioso	Fatima Mae/P./Folioso	University of the Philippines Visayas-Tacloban College	Phytoplankton Diversity and Abundance during a Pyrodinium bloom in Irong-Irong Bay, Western Samar, Philippines (September-December 2017)
BSD-006	Rainer P. Sularte, Kathyleen Salde, Eve V. Fernandez-Gamalinda and Rowena A. Japitana	Sularte, Rainer P.	Sularte, Rainer P.	Graduate School, Caraga State University, Ampayon, Butuan City, Philippines and Sibagat National High School of Home Industries, Sibagat, Agusan del Sur, Philippines	The lizards (Squamata: Scincidae:Gekkonidae:Agamidae) in selected areas of Andanan watershed forest reserve, Bayugan City, Philippines
BSD-007	Victoria T Quimpang*, Einstine M. Opiso, Maricris G. Cudal, Mary Cor S. Salolog, Romeo M. Tubongbanua, Jr., and Victor B. Amoroso	Victoria T Quimpang	Victoria T Quimpang	Center for Biodiversity Research and Extension in Mindanao (CEBREM), Central Mindanao University, University Town, Musuan, Bukidnon ;	Influence of Environmental Variables on the Fish Fauna Abundance of Marble River, North Cotabato, Philippines

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-008	Mark Louie D. Lopez, Rey Donne S. Papa, and Mao-Ning Tuanmu	Mark Louie/Diwatin/Lopez	Rey Donne S. Papa	Biodiversity Research Center, Academia Sinica, Taipei, Taiwan; Taiwan International Graduate Program, Academia Sinica, Taipei, Taiwan; and Department of Life Sciences, National Taiwan Normal University, Taipei, Taiwan	Predicting Potential Distribution of Zooplankton Species in Philippine Freshwater Ecosystems utilizing Species Distribution Modeling
BIOREMEDIATION					
BSD-009	Iris Ashley C. Algabre, Ma. Elenita L. Racelis, Nelly S. Aggangan	Iris Ashley C. Algabre	Iris Ashley C. Algabre	National Institute of Molecular Biology and Biotechnology, University of the Philippines Los Baños (UPLB), College, Laguna 4031 Philippines	Estimation of Biomass and Carbon Sequestration by Forest Tree Species in Response to Microbial Biofertilizers in a Mined-out Area in Mogpog, Marinduque
BSD-010	Kristel S. Victoria, Joshua G. Jomao-as, Nelly S. Aggangan	Kristel S. Victoria	Kristel S. Victoria	1National Institute of Molecular Biology and Biotechnology, University of the Philippines Los Baños (UPLB), College, Laguna 4031 Philippines 2Institute of Biological Sciences, College of Arts and Sciences, UPLB, College, Laguna	Effects of Mycorrhizal Inoculation and other Soil Amendments on Growth, Nutrient Status, and Rhizosphere Microbes of Acacia mangium and Eucalyptus urophylla
BSD-011	Lea Joy M. Morong, Nelly S. Aggangan	Lea Joy M. Morong	Lea Joy M. Morong	National Institute of Molecular Biology and Biotechnology, University of the Philippines Los Baños, College, Laguna 4031	Heavy Metals Absorption by Three Reforestation Species Inoculated with Microbial Biofertilizers in a Mined-out Area in Mogpog, Marinduque
BSD-012	Alessandra D. Natividad, Eriza M. Afable, Marry Lorraine F. Lorida, Rence Marrion M. Pineda, Jerwin R. Undan, Paula Blanca Gaban, John Dave C. Aquino	John Dave C. Aquino	John Dave C. Aquino	Biotechnology and Analytical Laboratory, Central Luzon State University, Science City of Muñoz, Nueva Ecija Research Office, Research, Extension and Training, Central Luzon State University, Science City of Muñoz, Nueva Ecija	Bioremediation of Irrigation Water and Generation of Bio-Energy Using Enriched Consortia in a Dual-Chambered Microbial Fuel Cell
BIOTECHNOLOGY					

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-013	Rence Marrion M. Pineda, Sofronio P. Kalaw, Renato G. Reyes and Jerwin R. Undan	Rence Marrion M. Pineda	Rence Marrion M. Pineda	Science Research Specialist I, DOST PCHRD Tuklas Lunas Center, Central Luzon State University, Nueva Ecija	Bacterial Community of Laboratory Scale Anaerobic Digestion of Kitchen Wastes for Biogas Production
BSD-014	Justine Christian h. Mulig, Roberta N. Garcia	Justine Christian H. Mulig	Roberta N. Garcia	Institute of Plant Breeding, College of Agriculture and Food Science, UP Los Banos, College, Laguna 4031	Glycerol-3-Phosphate Dehydrogenase cDNA of Pili (Canarium ovatum Engl.) Exhibits High Similarity with Other Dicot Species
BSD-015	Jasper A. Sarmiento, Roberta N. Garcia	Jasper A. Sarmiento	Jasper A. Sarmiento	National Crop Protection Center (and Institute of Plant Breeding), College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna, 4031	Isolation and Molecular Characterization of the Coconut (Cocos nucifera L.) 7S Globulin Cdna
BOTANY					
BSD-016	Charito L. Samsam, Joselito I. Rosario, Sergia P. Garma, Roseller Avson	Charito L. Samsam	Charito L. Samsam	Mariano Marcos State University, City of Batac, Ilocos Norte	Phenological Assessment of Selected Indigenous Timber Species in Ilocos Norte
BSD-017	Jerile Mae E. Casimiro, Mitch Joe V. Delos Reyes, Keith M. Luna, Karizma Joy A. Sagsagat, Doreen D. Domingo	Jerile Mae E. Casimiro	Jerile Mae E. Casimiro	Philippine Science High School- Ilocos Region Campus, Poblacion East, San Ildefonso, Ilocos Sur Mariano Marcos State University, City of Batac, Ilocos Norte	Anti-angiogenic Activity of Coral Plant (Jatropha multifida Linn.) Crude Leaf Extract on Duck (Anas platyrynchos) Eggs Using Chorioallantoic Membrane (CAM) Assay
BSD-018	Kristel Joy J. Macni, Ma.Tereza A. Blanco	Kristel Joy J. Macni	Ma.Tereza A. Blanco	Mariano Marcos State University, City of Batac, Ilocos Norte	Toxicity and Anti-Diabetic Activity of Serpentina (Androgaphis paniculata Burm F.) Leaf Crude Extract in Induced-Hyperglycemic Swiss Mice (Mus musculus L.)
BSD-019	Julius R. Oquina, Judy Ann M. Buag, Irmalyn V. Santos, Erwin P. Elazegui	Julius R. Oquina	Erwin P. Elazegui	Technological University of the Philippines - Manila Ayalablvd, Ermita Manila	Larvicidal Activity of Calophyllum inophyllum (Bitaog) Leaf extract against Dengue vector Aedes aegypti

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-020	Juareyn L. Ondoy ¹ , Merlyn S. Mendiolo ² , Pablito M. Magdalita ^{*3}			1Former MSc in Genetics student, Institute of Biological Science, College of Arts and Sciences, 2Institute of Biological Sciences, College of Arts and Sciences, 3Institutes of Crop Science and Plant Breeding College of Agriculture and Food Science, University of the Philippines Los Baños, Los Baños, Laguna	Morphological, meiotic behavior and pollen fertility of Canna (Canna x generalis LH Bailey and EZ Bailey)
BSD-021	Patricia Joyce Adorada, Jose Arnel Reyes, Eureka Teresa Ocampo	Patricia Joyce R. Adorada	Patricia Joyce R. Adorada	Institute of Plant Breeding and Institute of Crop Science, College of Agriculture and Food Science, University of the Philippines Los Baños. College. Laguna	Screening of SSR Markers for Marker-Assisted Selection of Mungbean for Drought-Tolerance
BSD-022	Sosima R. Demandante, Criselda M. Balisacan, Carmelo J. Esteban	Sosima R. Demandante	Sosima R. Demandante	Mariano Marcos State University- City of Batac 2906 Ilocos Norte	The Philippine Garlic Industry: Knowledge Inventory and Networks
ECOLOGY					
BSD-023	Milette U. Mendoza, Jaydan I. Aguilar, Karol Sophia Agape R. Padilla, Masayuki Itoh, Noboru Okuda, Rey Donne S. Papa	Milette U. Mendoza	Milette U. Mendoza	The Graduate School, University of Santo Tomas 1015, Philippines; School of Human Science and Environment, University of Hyogo, 1- 1-12 Shinzaike-Honcho, Himeji, 670- 0092, Japan; Research Institute for Humanity and Nature, 457-4 Motoyama, Kamigamo, Kita-ku, Kyoto 603-8047, Japan; Department of Biological Sciences and Research Center for the Natural and Applied Sciences, University of Santo Tomas 1015, Philippines	The biogeochemical cycling of methane in Lakes Calibato, Pandin and Yambo: Implications on the lakes' carrying capacity

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-024	Jess H. Jumawan, Damasa M. Macandog	Jess H. Jumawan	Jess H. Jumawan	Institute of Biological Sciences, University of the Philippines Los Banos and Biology Department, Caraga State University	Predicting Mangrove Suitable Areas Using GIS Weighted Suitability Analysis in Oriental Mindoro, Philippines: A Decision Support Tool in Management of Critical Resource
BSD-025	Anna Mae R. Afon, Jess H. Jumawan	Anna Mae R. Afon	Jess H. Jumawan	Biology Department, Mindanao State University General Santos and Biology Department, Caraga State University	Intertidal Seagrass Distribution and Soil Structure in the Protected Seascape of Sarangani Bay, Philippines
BSD-026	Ellaine C. Jose, Elsa F. Furio, Valeriano M. Borja, Norvida C. Gatdula	Ellaine C. Jose	Ellaine C. Jose	National Fisheries Research and Development Institute	Zooplankton as Indicators of Water Quality in Manila Bay
BSD-027	John Rex Baldomero, Yolanda A. Ilagan	John Rex Baldomero	John Rex Baldomero	Research Center, Cavite State University, Indang, Cavite 4122	Biosorption of Nickel by Bacillus cereus and Stenotrophomonas maltophilia Isolated from Bayto River, Zambales
BSD-028	Sarah Jean G. Supnet, Jessica F. Simbahan	Jessica F. Simbahan	Sarah Jean G. Supnet	Institute of Biology, University of the Philippines Diliman	Metabolic Profile and Composition of Endogeic Earthworm Pontoscolex corethrurus Gut Bacterial Community Collected from Mt. Makiling, Laguna, Philippines
BSD-029	Jerry T. Cuadrado, Eve F. Gamalinda	Jerry T. Cuadrado	Jerry T. Cuadrado	Bayugan National Comprehensive High School, Bayugan City, 8502 Caraga, Philippines, Caraga State University, Ampayon Butuan City, 8600 Caraga, Philippines	Ecology of Reptilian Fauna in Andanan Watershed Forest Reserve, Caraga Region, Philippines

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-030	Elfritzson M. Peralta ^{1,3*} , Francis S. Magbanua ⁴ , Jonathan Carlo A. Briones ^{1,2,3} , Noboru Okuda ⁵ , and Rey Donne S. Papa ^{1,2,3}	Elfritzson M. Peralta	Elfritzson M. Peralta	1Research Center for the Natural and Applied Sciences, 2Department of Biological Sciences, 3The Graduate School, University of Santo Tomas, España Boulevard, Manila, 1015, Philippines 4Institute of Biology, University of the Philippines, Diliman, Quezon City, 1101, Philippines 5Research Institute for Humanity and Nature, 457-4 Motoyama, Kamigamo, Kyoto, 603-8047, Japan	Disentangling multiple stressors and highlighting the importance of freshwater protected area in highly urbanized watersheds in the Philippines
BSD-031	Mary Grace DP. Rodriguez, Ph.D.	Mary Grace DP. Rodriguez, Ph.D.	Mary Grace DP. Rodriguez, Ph.D.	DA RFO 5, San Agustin, Pili, Camarines Sur	Integrated Vulnerability Assessment of Water-Energy-Food Security Nexus in Waras-Lalo Subwatershed, Bicol River Basin, Philippines
GENETICS					
BSD-032	Jessica G. Asuncion, Ma. Kathrina M. Pobre and Vivian A. Panes	Ma. Kathrina M. Pobre	Ma. Kathrina M. Pobre	Instructor, Mariano Marcos State University, Ilocos Norte, Philippines	Identification of Actin and Beta-Tubulin Housekeeping Genes in the Moringa oleifera Lam. Leaves
BSD-033	Resean R. Lapuz, Starlene M. Javier, John Dave C. Aquino, Jerwin R. Undan	Jerwin R. Undan	Resean R. Lapuz	Central Luzon State University, Nueva Ecija	Transcript and Genomic Analysis of OsBAHD1 in CLSU Aromatic Rice (Oryza sativa L.) Accessions Under Saline Condition
BSD-034	Starlene M. Javier, Crysta Joyce G.J. Banson, Resean R. Lapuz, John Dave C. Aquino and Jerwin R. Undan	Starlene M. Javier	Starlene M. Javier	Central Luzon State University, Science City of Munoz, Nueva Ecija	Relative Gene Expression Analysis of Rice OsIms Ent-Kaurene Oxidase, Osko2 as Regulated by Light and Dark Condition

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-035	Michael Cedric B. Bartolome, Nestor C. Altoveros, Teresita H. Borromeo, Reneliza D. Cejalvo, Leah E. Endonela, Renerio P. Gentallan, Emmanuel Bonifacio S. Timog	Michael Cedric B. Bartolome	Michael Cedric B. Bartolome	Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, Laguna	Morphological Observations on the Floral Variations of Niyog-niyogan (<i>Combretum indicum</i> (L.) DeFilipps
BSD-036	Renerio Gentallan Jr., Nestor C. Altoveros, Teresita H. Borromeo, Fiona R. Hay, Leah E. Endonela, Antonio G. Lalusin, Consorcia E. Reaño, Yosuke Yoshioka	RENERIO JR./P/GENTALLAN	RENERIO JR./P/GENTALLAN	Institute of Crop Science, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna	Characterization of Pili (<i>Canarium ovatum</i> Engl.) Kernel Shape Variation using Elliptic Fourier Analysis
BSD-037	Brando Briola, Mary Christine Zimmer, Ma. Celeste Abad, Ma. Luisa Enriquez	Brando B. Briola	Brando B. Briola	Molecular Cytogenetics Laboratory, Research and Biotechnology, St. Luke's Medical Center Quezon City	Cytogenetic findings in women with infertility
BSD-038	Jerwin R. Undan, Muluneh Tamiru, Akira Abe, Rym Fekih, Hiroki Takagi, Hiroki Yaegashi, Ryohei Terauchi	Jerwin R. Undan	Jerwin R. Undan	Central Luzon State University, Science City of Munoz, Nueva Ecija, Philippines	The rice lesion mimic mutant (lms) with enhanced resistance to drought

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-039	Arleen C. Panaligan, Miriam D. Baltazar, Grecebio Jonathan D. Alejandro	Arleen C. Panaligan	Arleen C. Panaligan	Department of Biological Sciences, Cavite State University, Indang, Cavite	DNA Barcoding of Commercially Cultivated Coffea Species in the Philippines
MARINE BIOLOGY					
BSD-040	Joshua Mari D. De Ocampo, Krister Paul A. Besid, Julianne Marie A. Malabuyoc, Janel Zahra P. Rasul, Shana Genavia, Oliver B. Villaflores, Mary Beth B. Maningas	Julianne Marie A. Malabuyoc	Mary Beth B. Maningas	The Graduate School, Thomas Aquinas Research Complex, University of Santo Tomas, Manila., Department of Biological Sciences, College of Science, University of Santo Tomas, Manila.	Utilization of Natural Local Dyes in Loop-mediated Isothermal Amplification (LAMP) Products for the Colorimetric Nucleic Acid Detection of Various Pathogens in Shrimp
BSD-041	Romell Seronay, Rey Capangpangan	Romell A. Seronay	Romell A. Seronay	Ampayon	Levels of Heavy Metals, Trace Elements and Sedimentation Rate in the Marine Protected Areas in Lanuza Bay, Surigao del Sur
BSD-042	Claire Trinidad, Rafael Lorenzo Valenzuela, Melody Anne Ocampo, and Benjamin Vallejo Jr.	Claire B. Trinidad	Melody Anne B. Ocampo	1Department of Biology, College of Arts and Sciences, University of the Philippines, Manila Taft Avenue, Padre Faura Manila 2Institute of Environmental Sciences and Meteorology, College of Arts and Sciences, University of the Philippines Diliman Diliman, Quezon City	Species Composition of the Macrofouling Community in South Harbor Manila Bay During the Northeast Monsoon Period

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-043	Ma. Salvacion R. Ferrer, Rosalie N. Gomez, Ma. Christi B. Nacido, Minerva T. Moises, Josefino S. Mondragon	Ma. Salvacion R. Ferrer	Rosalie N. Gomez	Marine Plants Section Capture Fisheries Research and Development Division National Fisheries Research and Development Institute Corporate 101 Building, Mother Ignacia Avenue, Quezon City	Distribution and Diversity of Gracilaria spp. in the Philippines
BSD-044	Laurence B. Calagui, Shirlamaine Irina G. Masangcay, Romell A. Seronay	Laurence B. Calagui	Romell A. Seronay	Caraga State University - Main Campus, Ampayon, Butuan City	Coral reefs assessment within and outside the Marine Protected Areas in Lanuza Bay
BSD-045	Shirlamaine Irina G. Masangcay, Laurence B. Calagui, Romell A. Seronay	Shirlamaine Irina G. Masangcay	Shirlamaine Irina G. Masangcay	Caraga State University, Ampayon, Butuan City	Visual Census Surveys of Reef Fishes in Marine Protected Areas of Lanuza Bay, Surigao del Sur
BSD-046	Ivan Moses M. Gonzales, Pamela E. Guiang, Rhaiza P. Pabello, Rey C. Thomas, Jr., Marcos B. Valdez Jr.	Ivan Moses M. Gonzales	Marcos B. Valdez Jr.	Department of Biological Sciences, Institute of Arts and Sciences, Far Eastern University, Nicanor Reyes Street, Sampaloc, 11000 Manila, Philippines	Population structure of invasive black mussel (<i>Mytella charruana</i>) in Lingayen Gulf, Philippines
MICROBIOLOGY					
BSD-047	Karen L. Lacap, Marinette Rose M. Carpio, Kim Jana S. Bathan, Mylene G. Cayetano, Joan S. Awingan	Joan S. Awingan	Karen L. Lacap	Adamson University, San Marcelino Street, Ermita, Manila	Evaluation of the Presence of Beta lactamase (Bla) Gene in E.coli Isolated and Identified from Cage-cultured Tilapia (<i>Oreochromis niloticus</i>) from Laguna Lake, Philippines

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-048	Frances Rowena M. Samia, Mark Lloyd A. Sumbillo, Demy Q. Mangaya, Kristian T. Sta. Cruz	Frances Rowena M. Samia	Frances Rowena M. Samia	Angeles University Foundation, MacArthur Highway, Angeles City 2009	Bacteriological Analysis of Complementary Sauces of Street-Vended Food
BSD-049	Madelaine L. Ebarvia, Jeane A. Dela Cruz, Thomas Edison E. Dela Cruz, Aaron C. Dacuya	Madelaine L. Ebarvia	Madelaine L. Ebarvia	The Graduate School, University of Santo Tomas, España 1008 Manila	Study on Aflatoxin Production of Aspergillus species Isolated from Philippine Dried Fish Products using LC-MS/MS
BSD-050	Maria Reynalen Mapile, Marie Christine Obusan	Maria Reynalen F. Mapile	Maria Reynalen F. Mapile	Institute of Biology, University of the Philippines, Diliman, Quezon City 1101	Nitrogen fixation and phosphate solubilization activities of gut-associated bacteria isolated from African night crawler (<i>Eudrilus eugeniae</i> Kinberg, 1867)
BSD-051	Aroin Verdera, Michael Velarde, Christine Obusan	Aroin/B/Verdera	Aroin/B/Verdera	Institute of Biology, College of Science, University of the Philippines Diliman, Quezon City 1101; Natural Sciences Research Institute (NSRI), College of Science, University of the Philippines	Melanin Production of <i>Streptomyces</i> sp. isolated from Meycauayan River sediments: potential industrial applications
BSD-052	Michael Joseph M. Nagpala, Rina B. Opulencia	Michael Joseph M. Nagpala	Michael Joseph M. Nagpala	Microbiology Division, Institute of Biological Sciences, College of Arts and Sciences, University of the Philippines Los Baños, Los Baños, Laguna	Detection of Multidrug-Resistant Shiga Toxin-producing <i>Escherichia coli</i> in Philippine Native Swine from Quezon Province, Philippines.
BSD-053	Prima Fe R. Franco and Cecille A. Gaoat	Prima Fe R. Franco	Prima Fe R. Franco	Mariano Marcos State University, City of Batac, 2906, Ilocos Norte	Pathogen Screening of Food Products Developed by Some Local Government Units in Ilocos Norte

MOLECULAR BIOLOGY

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-054	Rosal, Reuben James Z., Cambiador, Christian Jay B., Ledesma, Carlene Rome M., Reyes, Jhon Lloyd A.	Reuben James Z. Rosal	Reuben James Z. Rosal	Polytechnic University of the Philippines, Anonas St. Sta. Mesa, Manila	Production, Purification, and Characterization of β -Mannanase from <i>Aspergillus niger</i>
BSD-055	RICHARD D. TAMBALO, Abigael dIR Rubiano, Fidel Rey P. Nayve Jr., John Leonard E. Eseo and Catalino G. Alfara	RICHARD D. TAMBALO	RICHARD D. TAMBALO	National Institute of Molecular Biology and Biotechnology (BIOTECH), University of the Philippines Los Baños, College, Laguna, Philippines 4031 and the Department of Chemical Engineering, College of Engineering, University of the Philippines Los Baños, College, Laguna, Philippines 4031	A Combined Mixture Design Approach for the Optimization of Xylitol Production by Fermentation in Glucose-Xylose Mixtures using a Selected strain of <i>Candida</i> sp.
BSD-056	Gerome C. Pangan, James Paul T. Madigal	Gerome C. Pangan	James Paul T. Madigal	Mariano Marcos State University, City of Batac, Ilocos Norte 2906	Molecular Identification of Bacteria in <i>Siganus Vermiculatus</i> (Valenciennes, 1835) Collected from Selected Sites in Currimao, Ilocos Norte
BSD-057	Marielle Go, Essl De Vera, Marielle Geronimo, Paula Herrera, Shana Genavia, Vanessa Samora, Casiano Choresca Jr., Mary Beth Maningas	Marielle C. Go	Vanessa May Q. Samora	1Department of Biological Sciences, College of Science, University of Santo Tomas, Manila, Philippines 2The Graduate School, University of Santo Tomas, Manila, Philippines 3Research Center For Natural and Applied Science, University of Santo Tomas, Manila, Philippines 4Fisheries Biotechnology Center, Munoz, Nueva Ecija	Rapid Detection of Tilapia Lake Virus (TiLV) by Loop Mediated Isothermal Amplification (LAMP)

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-058	Lord M. S. Baay, Marc E. L. Catamio, Paul J. Estrella, Gabriel D. A. Rodriguez, Mark J. S. Sayarot, Sam Dominic A. Binag, Niña Kathryn G. Alfeche and Grecebio Jonathan D. Alejandro	Grecebio Jonathan D. Alejandro	Sam Dominic A. Binag	Department of Biological Sciences, College of Science and the Research Center for Natural and Applied Sciences, University of Santo Tomas, 1015, España Boulevard, Sampaloc, Manila, Philippines	Molecular Identification of Fake Drugs: An example from <i>Antidesma bunius</i> (Bignay) Products in the Philippine Market
BSD-059	Eiana Joshier A. Odulio, Trisha Mae G. Omaña, Julia L. Santos, Allanice Lizzette S. Sunga, Niña Kathryn G. Alfeche, and Grecebio Jonathan D. Alejandro	Niña Kathryn G. Alfeche	Niña Kathryn G. Alfeche	Department of Biological Sciences, College of Science and the Research Center for Natural and Applied Sciences, University of Santo Tomas, 1015, España Boulevard, Sampaloc, Manila, Philippines	Reinforcing Infrageneric Classification of Philippine <i>Ophiorrhiza</i> L. (Rubiaceae): Establishing species delineation using morphology and DNA data
BSD-060	Eve Rosary R. Dela Pena, Raymond J. Sucgang	Eve Rosary R. Dela Pena	Raymond J. Sucgang	RJ Sucgang Center for Research in the Natural Sciences, Napti, Batan, Aklan	Optimization of a Method of Drying Jellyfish Soft Tissues, Extending the Shelf Life and Increasing Protein Digestibility Through U.V. Irradiation
BSD-061	Angela Nina B. Alimboyoguen, Maria Marcelina Espineli and Hosea L. Matel	Angela Nina Alimboyoguen	Angela Nina Alimboyoguen	Research Center, Cavite State University Department of Physical Sciences, College of Arts and Sciences, Cavite State University Indang, Cavite 4122 Philippines	<i>Bacillus subtilis</i> Producing Levan

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
ZOOLOGY					
BSD-062	Noimie Rose B. Dicdiquin, Francisco SB. Torres ^{1,*} , Mudjekeewis D. Santos ^{1,*} and Grace DV. Lopez ^{1,*}	Grace V. Lopez	Noimie Rose B. Dicdiquin	1Vertebrate Section, Capture Fisheries Research and Development Division National Fisheries Research and Development Institute Corporate 101, Mother Ignacia St, South Triangle, Quezon City	Population Parameters of Japanese Threadfin Bream (<i>Nemipterus japonicus</i> , Bloch 1791) in Manila Bay, Philippines
BSD-063	Jucil Coleen D. Apduhan, Joycelyn C. Jumawan	Jucil Coleen D. Apduhan	Joycelyn C. Jumawan	Biology Department, Caraga State University, Butuan City	Phytochemical Analysis and Toxicological Screening of Crude Aqueous Extract from the Roots of <i>Derris elliptica</i> Benth. (Tubli) used as a Piscicide to <i>Oreochromis niloticus</i>
BSD-064	Jennifer A. Poniente, John T. Dela Peña, Minerva Fatimae H. Ventolero, Mudjekeewis D. Santos	Jennifer A. Poniente	Jennifer A. Poniente	National Fisheries Research and Development Institute Corporate 101 Building, Mother Ignacia Avenue, South Triangle, Quezon City	GFL Database System: A portal and repository of DNA barcode of marine wildlife stranding
BSD-065	Abdullaziz Arcillo, Ma. Theresa Oclos MSc., Fiona Pedroso PhD., Ma. Jodecel Danting MSc., Abeizer Paclibar, Geremy Casumpang, Casiano Choresca PhD.	Casiano H. Choresca PhD.	Abdullaziz S. Arcillo	Bureau of Fisheries and Aquatic Resources, National Freshwater Fisheries Technology Center, CLSU Comp., Science City of Muñoz, Nueva Ecija National Fisheries Research and Development Institute, Fisheries Biotechnology Center, CLSU Comp., Science City of Muñoz, Nueva Ecija Institute of Aquaculture, College of Fisheries and Ocean Sciences, University of the Philippines Visayas, Miagao Campus, Iloilo	Embryonic Development of Climbing Perch (<i>Anabas testudineus</i>) in the Philippines

	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER
BSD-066	Kenneth Xavier O. Sanchez, Arman N. Pili, Yñigo Luis C. del Prado, Maria Crisselda A. Endozo, Mae Lowe L. Diesmos, Arvin C. Diesmos, Jonathan Carlo A. Briones	Kenneth Xavier O. Sanchez	Kenneth Xavier O. Sanchez	The Graduate School, University of Santo Tomas, Sampaloc, Manila; Department of Biological Sciences, University of Santo Tomas, Sampaloc, Manila; Research Center for the Natural and Applied Sciences, University of Santo Tomas, Sampaloc, Manila; Herpwatch Pilipinas, Inc., Benavides Street, Tondo, Manila; Herpetology Section, Zoology Division, Philippine National Museum; 703, Aquatic Biology Laboratory, Central Laboratory Building, University of Santo Tomas, Sampaloc, Manila	Nematode Endoparasites of Invasive Alien Species (IAS) of Amphibians in Paoay Lake, Ilocos Norte Province
BSD-067	Angelbert D. Cortes, Rina B. Oplencia, Nelly S. Aggangan	Angelbert D. Cortes	Angelbert D. Cortes	1 Institute of Biological Sciences, University of the Philippines Los Baños 2 National Institute of Molecular Biology and Biotechnology, University of the Philippines Los Baños 3 Department of Biological Sciences, Cavite State University-Main Campus	Characterization of Plant Growth-Promoting Diazotrophic Bacteria from Cacao (<i>Theobroma cacao</i> L.) Rhizosphere Treated with Bamboo Biochar and Mycorrhizal Fungi