

LIST OF ABSTRACTS FOR SCIENTIFIC POSTERS PRESENTATION

39th Annual Scientific Meeting; 12-13 July 2017

BIOLOGICAL SCIENCES (BS)

No.	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	TITLE OF PAPER
BIODIVERSITY				
BS-01	Flordeliz R. Estira and Jayarr L. Paragoy	Flordeliz R. Estira	Flordeliz R. Estira	Altitudinal Distribution and Species Diversity of Ferns (Pteridophytes) in Adams Forest, Adams, Ilocos Norte
BS-02	Melody Anne B. Ocampo, Ian Wilburt Oliva, Romenna Tan, Glenn Sia Su, Benjamin Vallejo Jr and Leanna Manubag	Melody Anne B. Ocampo	Melody Anne B. Ocampo	Assessing the Marine Fouling Community in a Man-Made Marina at Manila Bay
BS-03	Victor B. Amoroso, Fulgent P. Coritico, Abner A. Bucol, Lowell G. Aribal and Ely L. Alcala	Victor B. Amoroso	Victor B. Amoroso	Biodiversity Inventory and Assessment in Balinsasayao Twin Lakes Natural Park, Negros Oriental
BS-04	Severino Salmo III, Kayla Marie Castro, Eunice Lois Gianan, and Maria Carmela Garcia	Severino Salmo III	Kayla Marie Castro	Catastrophic Typhoons and Post-Typhoon Recovery: The Role of Vegetation-Sediment-Macrofaunal Relationships in the Long-Term Survival of Philippine Mangroves
BS-05	Rosario Rivera Rubite, Ching-I Peng, Che-Wei Lin, and Kuo-Fang Chung	Rosario Rivera Rubite	Rosario Rivera Rubite	Discovery and Rediscovery of Panay Begonia
BS-06	Romell A. Seronay and Joycelyn C. Jumawan	Joycelyn C. Jumawan	Romell A. Seronay	Environmental impact of the artisanal small-scale gold mining in Tambis, Barobo, Surigao del Sur, Philippines: Implications for water quality monitoring and management
BS-07	Ehlich Ray J. Magday, Andrea G. Azuelo, Roselynn Grace G. Montecillo, Alven A. Manual, Melanie P. Suldano, Arman P. Nuezca, Mc Arthur L. Cababan, Nelmar T. Bacol, and Edgar M. Anud	Ehlich Ray J. Magday	Ehlich Ray J. Magday	Epiphytic Macrolichens Diversity in the Montane Forest of Mt. Malambo, Davao Province, Philippines

BS-08	Victoria T. Quimpang, Diana Rose Y. Jacalan, Florfe M. Acma, Aurfeli D. Nietes, Fulgent P. Coritico, Victor B. Amoroso, Reggie Y. Dela Cruz, and Noe P. Mendez	Victoria T. Quimpang	Noe P. Mendez	Forest Litterfall Productdion in Mt. Apo, Philippines: A Long Term Ecological Research (LTER) Site
BS-09	Ferdinand A.Dumalagan, Lilia Z. Boyles	Ferdinand A.Dumalagan	Ferdinand A.Dumalagan	Gonado-somatic Index and Condition Factor of <i>Channa striata</i> (Bloch, 1793) from tributaries of Lake Kilobidan, Agusan Marsh, Philippines
BS-10	Kristine Idda P. Pontillas and Rey Donne S. Papa	Kristine Idda P. Pontillas	Kristine Idda P. Pontillas	Lake Taal's Marine and Brackishwater Harpacticoid Copepods Point to its Marine Origins
BS-11	Randy A. Quitain, Algeline S. Herrera, and Fritz Dustin M. Fiedalan	Randy A. Quitain	Randy A. Quitain	Mangroves of Bongabong: Diversity, Structure and Composition in the Riverine Ecosystem
BS-12	Rainer P. Sularte, Me Concepcion M. Ngilangil, and Lilia Z. Boyles	Rainer P. Sularte	Rainer P. Sularte	Microhabitat Preferences of Herpetofauna with notes on Socio-economically Important Species in Sago palm Growths and Its Environs of Agusan Marsh, Mindanao, Philippines`
BS-13	Noimie Rose B. Bigalbal, Grace DV. Lopez, Francisco SB. Torres, Eunice C. Bognot, Mudjekeewis D. Santos	Noimie Rose B. Bigalbal	Noimie Rose B. Bigalbal	Population Parameters of Common Small Pelagic Fishes (<i>Sardinella gibbosa</i> , <i>S. fimbriata</i> , and <i>Rastrelliger brachysoma</i>) caught by Ringnet in Manila Bay, Philippines
BS-14	Janae Naejan E. Tiongco, Marilyn O. Quimado, Edwin O. Breganza, Edwino S. Fernando, and Amelita C. Luna	Janae Naejan E	Amelita C. Luna	Potential of Four Native Species in Restoration of Degraded Areas in Masinloc, Zambales, Philippines
BS-15	Andrea G. Azuelo, Lalaine G. Sariana, Ehrlich Ray J. Magday, Roselynn Grace G. Montecillo, Mc Arthur L. Cababan, Rudeno B. Pequero, Denis Mugot, Gilden Maecah M. Migalang, Nelmar T. Bacol, Alven A. Manual, and Exequiel B. Valiente	Andrea G. Azuelo	Andrea G. Azuelo	Preliminary Assessment of Moss Flora Along Montane Forest of Mt. Lumot, Claveria, Misamis Oriental, Philippines

BS-16	Sherby Acierto, Angela Grace Bruno, Jose Hermis Patricio, and Gloria Galan	Sherby Acierto	Gloria Galan	SHELLFISH DIVERSITY AND MANAGEMENT INITIATIVES OF A MANGROVE SANCTUARY IN BAYABAS, SURIGAO DEL SUR, PHILIPPINES
BS-17	Fulgent P. Coritico and Victor B. Amoroso	Fulgent P. Coritico	Fulgent P. Coritico	The genus <i>Plagiochila</i> (Plagiochilaceae) of Mt. Limbawon, Pantaron Range, Bukidnon, Mindanao, Philippines
BS-18	Perth Kennesa P. Ambida, Ma. Lourdes C. Alvarez, Nancy M. Bangco, Abel Alejandro U. Flores, Jr, Franklin E. Cortez, Karina Milagros R. Cui-Lim, Blenah O. Perez, Maria Judy M. Somoray, and Olga DG. Unay	Abel Alejandro U. Flores	Abel Alejandro U. Flores	The Seaweeds of Norther Samar: Checklist, Coastal Environment, Biodiversity and Bioavailability Analysis of Nutrients and Nutraceuticals
BIOREMEDIATION				
BS-19	Margaret L.C. de Guzman, Jade Ania C. Agnes, Ian Gabriel N. Olabre, and Rosario R. Rubite	Margaret L.C. de Guzman	Margaret L.C. de Guzman	Biosorption of cadmium by the fungi <i>Aspergillus niger</i> and <i>Penicillium citrinum</i> from the soil of a power-plant in Cabanatuan City, Nueva Ecija, Philippines
BS-20	Nelly S. Aggangan and Romualdo P. Yecyec	Nelly S. Aggangan	Nelly S. Aggangan	Comparative Effects of Biochar from Bamboo and Sugarcane on Growth and Nutrition of Mycorrhizal Cacao (<i>Theobroma cacao</i>) Seedlings
BS-21	Berna Lou L. Aba, Nelly S. Aggangan, Teofila O. Zulaybar, and Asuncion K. Raymundo	Berna Lou L. Aba	Berna Lou L. Aba	Growth of <i>Narra</i> (<i>Pterocarpus indicus</i> Willd.) Inoculated with Phosphate Solubilizing Bacteria from Mine Tailing in Mogpog, Marinduque, Philippines
BS-22	James Paul Madigal, Galileo Araguirang, Arianne Arizala, Eden Beth Asilo, Jamie Louise Batalon, Erin Bello, Jerice Monge, Nicole Sanchez, and Francisco Elegado	James Paul Madigal	James Paul Madigal	Optimization of Banana (<i>Musa acuminata</i> x <i>balbisiana</i>) Pseudostem Enzymatic Hydrolysis for Biomass Production and Fermentation

BS-23	Mel Kevin C. Agunias and Rico A. Marin	Mel Kevin C. Agunias	Rico A. Marin	Rooting Performance of Bahai (<i>Ormosia calavensis</i> Azaola ex Blanco) and Bakan (<i>Litsea philippinensis</i> Merr.) as Affected by Different Concentrations of Indole-3-Butyric Acid (IBA)
BS-24	Dale Adam A. Capa and Rico A. Marin	Dale Adam A. Capa		Performance of Narra (<i>Pterocarpus indicus</i> Willd.) Cuttings as Affected by Types of Propagation Techniques and Levels of Naphthalene Acetic Acid (NAA)
GENETICS				
BS-25	Minerva Fatimae H. Ventolero, Jacqueline Marjorie R. Pereda, Katreena P. Sarmiento, & Mudjekeewis D. Santos	Minerva Fatimae H. Ventolero	Minerva Fatimae H. Ventolero	DNA Barcoding of Philippine Regulated Aquatic Species
BS-26	Leah E. Endonela, Emmanuel Bonifacio S. Timog, Renerio P. Gentallan, Jr., Nestor C. Altoveros, and Teresita H. Borromeo	Leah E. Endonela	Leah E. Endonela	Exploring Pili (<i>Canarium ovatum</i> Engl.) Genetic Diversity for Conservation and Sustainable Use
BS-27	Renerio Gentallan Jr., Leah E. Endonela, Nestor C. Altoveros, and Teresita H. Borromeo	Renerio Gentallan	Renerio Gentallan	Germination patterns of newly registered native germplasm at the National Plant Genetic Resources Laboratory
BS-28	Joycelyn C. Jumawan and Romell A. Seronay	Joycelyn C. Jumawan	Joycelyn C. Jumawan	Species composition and length-weight relationships of fishes in eight floodplain lakes of Agusan Marsh, Philippines
MICROBIOLOGY				
BS-29	Clemente, Sheryl, Jabanag, Maria Ricgrace, Mabitazan, Yvan Jay Dexter, Mandigma, Daryll, Navarro, Razel Rigo, Orfano, James Patrick, Paraguya, Ma. Kathleen, Reyes, Erica, Tagapan, Jane	Ma. Kathleen Paraguya	Ma. Kathleen Paraguya	Antimicrobial Analysis of Ripe and Unripe <i>Carica papaya</i> Rind Ethanoic Extract on <i>Bacillus cereus</i>
BS-30	Jasca Gayle G. Española, Cris Francis C. Barbosa and Vermando M. Aquino	Jasca Gayle G. Española	Jasca Gayle G. Española	Molecular Characterization of Viruses Isolated from <i>Agaricus</i> sp. and <i>Lentinula</i> sp. in Benguet, Philippines

BS-31	Paula Blanca Gaban, Monina Fandialan, Clarissa Yvonne Domingo	Paula Blanca Gaban	Paula Blanca Gaban	Molecular Detection of Tetracycline Resistance Genes in Salmonella spp. Isolated From Pork
BS-32	Genesis T. Agcaoili, Glenn G.Oyong, Esperanza C. Cabrera	Genesis T. Agcaoili	Genesis T. Agcaoili	Screening of Lactic Acid Bacteria Isolated From Philippine Traditional Fermented Products: Potential Probiotic Bacteria with Antimicrobial and Cytotoxic Activities
NATURAL PRODUCTS				
BS-33	Grecebio Jonathan Alejandro, Joe Alvin Chua, and Jay Edneil Olivar	Grecebio Jonathan Alejandro	Grecebio Jonathan Alejandro	The Standard Reference Material (SRM) Method for Authentication of Ehretia microphylla Lam. (tsaang gubat) and Blumea balsamifera L. (sambong) Derived Products
BS-34	Zenricaie Tabelisma, Herson Jesave Belga, Gladys Mae Laborde, Maribel Balagtas	Gladys Mae Laborde	Gladys Mae Laborde	Development of Gluten-Free, Vegan Bread
PATHOLOGY				
BS-35	Mary Beth Maningas and Sharlaine Joi Ann Orense	Mary Beth Maningas	Mary Beth Maningas	Prevalence of White Spot Syndrome Virus and AHPND-causing Vibrio parahaemolyticus in the Philippines
BS-36	Marcos B. Valdez, Jr., Ryan Bismark C. Padiernos, and Claro N. Mingala	Marcos B. Valdez Jr.	Marcos B. Valdez Jr.	Survey of the Seroprevalence of Caprine Arthritis Encephalitis Virus (CAEV) based on Molecular Detection from Goats in the Province of Cebu
PHYSIOLOGY				
BS-37	James Cedrick Fernandez, Alpha Joanna A. Gavenia, Marigelle A. Mariano, Lorcelie Taclan, Vicky Mergal*, Marissa Virgines and Cornelio Aba	Vicky Mergal	Vicky Mergal	Antibacterial and Antifungal Properties of Lemon Balm Essential Oil against Selected Oral Pathogens

BS-38	Reggie Y. Dela Cruz, Aileen Mae G. Ang, Glenda Z. Doblans, Ivy L. Librando, Heidi C. Porquis, Beth Christy Leigh S. Batoctoy, Cinderilla C. Cabresos, Diana Rose Y. Jacalan, and Victor B. Amoroso	Reggie Y. Dela Cruz	Reggie Y. Dela Cruz	Antioxidant and Anti-inflammatory Activities of Three Species of Polypodiaceae in Bukidnon, Philippines
BS-39	Maria Carmela A. Garcia and Severino G. Salmo III	Maria Carmela A. Garcia	Maria Carmela A. Garcia	Assessment of Nutrient Utilization and Conservation in Typhoon-Damaged Mangroves Using Nutrient Content and Resorption Efficiency
BS-40	Rosalinda C. Torres	Rosalinda C. Torres	Rosalinda C. Torres	Biological Activities and GC-MS Analysis of Philippine <i>Cinnamomum mercadoi</i> Vidal (Lauraceae)
BS-41	Jessie Roma Alsonado, Emmanuel Leano, Lorelei Samaniego, and Heidi C. Porquis	Heidi C. Porquis	Heidi C. Porquis	Cashew (<i>Anacardium occidentale</i> L.) Bark Exudate as Alternative Mounting Medium for Paraffin Sections
BS-42	Joram J. Gautane, Flocerfida P. Aquino, Errol Jay Balagan, Elfren Celestino, Marlon B. Ocampo ¹ and Lerma C. Ocampo	Joram J. Gautane	Joram J. Gautane	Cryotolerance of Post Mortem Goat Epididymal Germplasm after Preservation at Cryogenic Temperature
BS-43	Cris R. Rocas, Christian C. Sarmiento and Joseph B. Sebastian, Nolan Joseph De Los Santos	Christian C. Sarmiento	Christian C. Sarmiento	Effect of Cassava Starch and Kappa-carrageenan Edible Coating on Shelf Life of Carabao Mangoes (<i>Mangifera Indica</i> L. Cv. Carabao)
BS-44	Flocerfida P. Aquino, Ester B. Flores, Excel Rio S. Maylem, and Eufrocina P. Atabay	Flocerfida P. Aquino	Flocerfida P. Aquino	Effect of Long Distance Transport on the Viability of Fresh and Frozen-thawed Goat Embryos Stored in Portable Incubator
BS-45	Shyn Marie Ebol and Leynard Gripal	Shyn Marie Ebol	Leynard Gripal	Tuna leather fabric as a material for bi-fold wallets
BS-46	Pablito M. Magdalita, Alangelico O. San Pascual and Ruben L. Villareal	Alangelico O. San Pascual*	Alangelico O. San Pascual*	Flowering Behavior, Characterization and Irradiation Effects on Philippine Native <i>Phalaenopsis</i> Orchids
BS-47	Arnie G. Dalumpines, Alminda M. Fernandez	Arnie G. Dalumpines,	Alminda M. Fernandez, PhD*	In Vitro Efficacy of Different Antibiotics against Bacterial and Fungal Contaminants of Tissue-Cultured 'Saba' Banana (<i>Musa balbisiana</i>)

BS-48	Jonard C. Valdoz, Wella L. Absulio, Pablito M. Magdalita and Rachel C. Sotto	Rachel C. Sotto	Rachel C. Sotto	Morpho-anatomical Characters and Ethylene Production in <i>Hibiscus rosa-sinensis</i> L. in Relation to Two-day Old Floral Retention
BS-49	Interior, Irish Danielle, Marilyn S. Combalicer, Marilyn O. Quimado, Edwino S. Fernando, Edwin O. Breganza and Amelita C. Luna	Irish Danielle Interior	Irish Danielle Interior	Physiology and Anatomy of Six Species of Grasses Growin on Lateritic Soil of Masinloc, Zambales, Philippines
BS-50	Romeo R. Patano Jr, Reggie Y. Dela Cruz, Merced G. Melencion and Glenda Z. Doblas	Romeo R. Patano Jr	Glenda Z. Doblas	Phytochemical, Anti-Inflammatory and Antioxidant Screening of <i>Christella parasitica</i> H.L and <i>C. dentata</i> (Forssk.) Brownsey and Jermy
BS-51	Marigel G. Agsunod, Joselito I. Rosario	Marigel G. Agsunod	Joselito I. Rosario	Root Growth Potentials and Morphological Characteristics of Nursery-grown Seedlings of <i>Shorea guiso Blanco</i> Blume and <i>Hopea plagata Blanco</i> Vidal in Batac, Ilocos Norte
TAXONOMY				
BS-52	Jay Edneil Olivar & Grecebio Jonathan Alejandro	Jay Edneil Olivar	Jay Edneil Olivar	ITS2 Identification System of Medicinally Important <i>Uncaria</i> spp (Naucleaeae—Rubiaceae) Including Their Phylogenetic Positions
BS-53	Arnold Dino E. Granda, Jay Edneil Olivar & Grecebio Jonathan Alejandro	Jay Edneil Olivar	Arnold Dino E. Granda	Novel Insights on Generic Circumscriptions, Phytochemical Profiles, and Biological Activities of Endemic Philippine Annonaceae Species
BS-54	Mark Louie D. Lopez, Jhaydee Ann F. Pascual, Erica Silk P. Dela Paz, Eric Zeus C. Rizo, Dino T. Tordesillas, Shea Kathleen Guinto, Boping Han, Henri J. Dumont, Augustus C. Mamaril, Sr., and Rey Donne S. Papa	Mark Louie D. Lopez	Mark Louie D. Lopez	Shared Microcrustacean (Copepoda: Calanoida & Cyclopoida; Cladocera: Anomopoda & Ctenopoda) assemblages between Surface and Groundwater Ecosystems in Luzon Island point to high connectivity and tential threats
BS-55	Michelle Pepito, Heidi Porquis, Emmanuel Leaño and Gloria Galan	Michelle Pepito	Gloria Galan	Species Abundance of Gastropods in Tigua River, Comawas, San Fernando, Bukidnon as Affected by Sampling Methods

BS-56	Leah C. Lacson, Yolanda A. Ilagan and Roberto J. Lacson	Leah C. Lacson	Leah C. Lacson	Water Quality Parameters and Population Characteristics of Three Mud Crab (<i>Scylla</i>) Species in the Estuaries of Naic, Cavite
TOXICOLOGY				
BS-57	Vince Jethro Alba, Maria Aileen Leah G. Guzman, Emilyn Q. Espiritu	Vince Jethro Alba	Vince Jethro Alba	Ecotoxicological and Histopathological Analysis of Juvenile <i>Oreochromis niloticus</i> Exposed to Municipal Wastewater
BS-58	Laarni Grace Corales, Danica Ching, Princess Alyssa Abid, Louise Ruth Paras, Jayson Vallesfin, Maria Constancia Carillo, Leslie Michelle Dalmacio	Laarni Grace Corales	Laarni Grace Corales	Effect of the Sampung Halamang Gamot Extracts on the Gut Bacteria of BALB/c Mice
BS-59	Joan Ruby E. Dumo, Ian A. Navarrete, Severino G. Salmo III, Maria Aileen Leah G. Guzman, Nestor S. Valera, Emilyn Q. Espiritu	Ian A. Navarrete	Ian A. Navarrete	Heavy Metal Concentrations in the Leaves of Plants Growing in Selected Areas of Quezon City, Philippines
BS-60	Myline Macabuhay and Ian A. Navarrete	Myline Macabuha	Myline Macabuha	Suitability of the Loss-on-Ignition method in estimating organic carbon in selected Philippine soils