

**40h Annual Scientific Meeting; 11-12 July 2018**  
**Science and Technology-Enhanced Transformation for Sustainability and Resiliency (2018-2030)**  
**BIOLOGICAL SCIENCES**

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<b>BIODIVERSITY</b>						
01	Arturo G. Gracia Jr*, Janine M. Lega, Welfredo L. Yu, Jr., Riah M. Calising, Allyka Eve G. Balo, Lovely Jean B. Cosmiano, Mark Lee O. Sabandal, Johnny B. Maglasang, Mary Cris G. Abao, Kevin C. Quiñonez, Lea Jane G. Elegio, Mark Freddie D. Suarez, and Janezel C. Burlat	Arturo G. Gracia Jr	Arturo G. Gracia Jr	<a href="mailto:artzgracia@gmail.com">artzgracia@gmail.com</a>  <a href="#">College of Teacher Education, Surigao del Sur State University – Main Campus</a>	BSD 01 Community Structure of Avifauna in Mt. Hilong-hilong, Tandag City, Surigao del Sur, Philippines	
02	Sheryl A. Yap and Ace Kevin S. Amarga	Sheryl A. Yap	Ace Kevin S. Amarga	<sup>1</sup> Institute of Weed Science, Entomology, and Plant Pathology, College of Agriculture and Food Science, University of the Philippines Los Baños; (049)536-1315; sayap3@up.edu.ph <sup>2</sup> Environmental Forestry Programme, College of Forestry and Natural Resources, University of the Philippines Los Baños; ace_amarga061@yahoo.com	bsd - 02 Arthropod assemblage across four different habitats in a fragmented landscape	

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03	John Erick O. Lador, Richie P. Lador, and Romell A. Seronay	John Erick O. Lador	Romell A. Seronay	Center for Research in Environmental Management and Eco-governance, Caraga State University, Ampayon, Butuan City, Philippines Tel #: (085)342-6251, romell.seronay@gmail.com	bsd - 03 Assessment of Herpetofauna in Selected Watershed Areas in Lake Mainit, Caraga, Philippines	
04	Richie P. Lador, John Erick O. Lador, and Romell A. Seronay	Richie P. Lador,	Richie P. Lador,	CRÈME Cagara State University, Ampayon Butuan City 09183735485 richielador16@gmail.com	BSD - 04 Bird Composition, Diversity and Richness in Canticol, Dona Telesfora, Tubay, Agusan del Norte, Philippines	
05	Mary Ann R. Agudilla, Aldin C. Alegre, Kyle Pierre R. Israel, Jean C. Nicmic, Jans Nexus I. Reyes, Merlyn S. Soriano,	Merlyn S. Soriano	Mary Ann R. Agudilla	UPLB maryannagudilla@yahoo.com,acalegre2 @up.edu.ph, kylixisrael@gmail.com, jcnicmic@up.edu.ph,for.jnireyes@gmail. com, mssoriano2@up.edu.ph,	BSD - 05 Canopy Dynamics of Typhoon-Disturbed Mahogany Stand in Mount Makiling Forest Reserve, Asean Heritage Park	
06	Amelita C. Luna, Rex Victor O. Cruz2, Dianne Joy D. Aguilon, and Lerma SJ. Maldia	Amelita C. Luna	Amelita C. Luna	1Office of the Coordinator for Research, Extension and Linkages (OCREL), CFNR- UPLB; acluna@up.edu.ph 2Instiute of Renewable Natural Resources, CFNR-UPLB 3Department of Forest Biological Sciences, CFNR-UPLB	BSD - 06 Changes in plant community structure of successional and mature secondary forest of Mt. Makiling Forest Reserve after two decades	
07	Claire Ann M. Cama1, Rex Victor O. Cruz2, Dianne Joy D. Aguilon1, Amelita C. Luna3	Claire Ann M. Cama	Lerma SJ. Maldia	1Department of Forest Biological Sciences, CFNR-UPLB 2Instiute of Renewable Natural Resources, CFNR-UPLB 3Ofiice of the Coordinator for Research, Extension and Linkages (OCREL), CFNR- UPLB; lsmaldia@up.edu.ph	BSD - 07 Characteristics of soil seed bank of a long term monitoring plot in Mt. Makiling Forest Reserve and Lerma SJ. Maldia1	

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08	Marie Jessica Gabriel, Aldrin Bayangos, Kyle Pierre Israel, Beth Zaida Ugat, Edlyn Barua, Pastor Malabrigo Jr., Cristino Tiburan Jr, and Nathaniel Bantayan	Marie Jessica Gabriel	Marie Jessica Gabriel	Philippine Coral Reefs and Mangrove Remote Sensing, College of Forestry and Natural Resources, UPLB. Email: mcgabriel@up.edu.ph	BSD - 08 Characterization of Mangrove Forests of Surigao del Sur	
09	Aldrin Bayangos, Marie Jessica Gabriela, Kyle Pierre Israela, Beth Zaida Ugata, Edlyn Baruaa, Pastor Malabrigo Jr.b, Cristino Tiburan Jr.c, and Nathaniel Bantayanc	Aldrin Bayangos,	Aldrin Bayangos,	a Philippine Coral Reefs and Mangrove Remote Sensing, College of Forestry and Natural Resources, University of the Philippines, College, Laguna. Email: aldrinbayangos@gmail.com b Department of Forest Biological Sciences, College of Forestry and Natural Resources, University of the Philippines, College, Laguna. c Institute of Renewable Natural Resources, College of Forestry and Natural Resources, University of the Philippines, College, Laguna.	BSD - 09 Characterization of Mangrove Forests using Remote Sensing and Field Sampling in Zambales, Philippines	
10	Lutess P. Cañizares and Romell A. Seronay	Lutess P. Cañizares	Romell A. Seronay	Biology Department, Caraga State University, Butuan City Tel #: (085)342-6251, romell.seronay@gmail.com	BSD - 10 Diversity and Abundance of Aquatic Macrophytes and its Re-lationship with Nutrients Levels in Lake Mainit, Caraga, Phil-ippines	
11	James DV. Alvarez	James DV. Alvarez	James DV. Alvarez	Museum of Natural History, University of the Philippines Los Banos, College, Laguna Email: jdalvarez1@up.edu.ph 636-3669 / 09062684227	BSD - 11 Diversity and Echolocation Calls of Bats in Mt. Guiting-Guiting Natural Park, Sibuyan Island	

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12	Ana Fe B. Bongosia, Richie P. Lador, and Romell A. Seronay	Ana Fe B. Bongosia	Ana Fe B. Bongosia	Center for Research in Environmental Management and Eco-governance, Caraga State University, Ampayon, Butuan City, Philippines Tel #: (085)342-6251, anafebongosia@yahoo.com	BSD - 12 Diversity and Status of Bats in Selected Watershed Area (Camp Edward, Alegria Surigao del Norte and Sitio Canticol, Tubay Agusan del Norte) in Lake Mainit, Mainit Surigao del Norte Philippines	
13	Yunalyn Villantes, Jonas Hingco* and Mark Anthony Manapsal*	Yunalyn Villantes	Yunalyn Villantes	1Natural Science Department, College of Arts and Sciences Misamis University, Ozamiz City yunalynvillantes@gmail.com	BSD - 13 Diversity of Birds on Mt. Malindang Range Natural Park (MMRNP)-Hoyohoy Site, Tangub City	
14	Mary Cris G. Abao, Kevin C. Quiñonez, Lea Jane G. Elegio, Mark Freddie D. Suarez, Allyka Eve G. Balo, Lovely Jean B. Cosmiano, Mark Lee O. Sabandal, Johnny B. Maglasang, Janine M. Lega, Welfredo L. Yu, Jr., Riah M. Calising, Janezel C. Burlat, and Arturo G. Gracia Jr	Mary Cris G. Abao	Arturo G. Gracia Jr	artzgracia@gmail.com  College of Teacher Education, Surigao del Sur State University – Main Campus	BSD - 14 Diversity of Butterflies in Mt. Hilong-hilong, Tandag City, Surigao del Sur, Philippines	
15	Samuel S. Zamora Jr., Kim-Lee Domingo, Alma B. Mohagan, Mary Cor S. Salolog and Irene B. Escrupulo	Samuel S. Zamora	Samuel S. Zamora	1Department of Biology, Central Mindanao University, University Town, Musuan, Maramag, Bukidnon, Philippines. 2 sam94zamora@gmail.com	BSD - 15 Diversity Status of Cave-Roosting Bats in Kisulop Linking Caves Kibawe, Bukidnon, Mindanao, Philippines	

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16	Raymond Vincent F. Castillo, Rose Glendelyn T. Romero, Charmaine S. Daljog, Rey C. Thomas, Jr., Rene C. Santiago and Marcos B. Valdez, Jr.* Far	Raymond Vincent F. Castillo	Marcos B. Valdez, Jr	Eastern University 632 735-5621 mvaldez@feu.edu.ph	BSD - 16 Genetic diversity of the HSP70 gene in native chicken ( <i>Gallus gallus domesticus</i> L.) breeds of the Philippines	
17	Victoria Quimpang*, Maricris Cudal, Mary Cor Salolog, Einstine Opiso and Victor Amoroso	Victoria Quimpang	Victoria Quimpang	Center for Biodiversity Research and Extension in Mindanao (CEBREM), Central Mindanao University, University Town, Musuan, Bukidnon ; +639177933063; vtquimpang@yahoo.com	BSD - 17 Ichthyofauna of Lumbo Creek, Valencia City, Bukidnon, Philippines	
18	Maricris Cudal*, Hannah Lumista, Gloria Galan and Marilou Ediza	Maricris Cudal	Maricris Cudal	Central Mindanao University, University Town, Musuan, Bukidnon +639754586374; mcrisGcudal@gmail.com	BSD - 18 Leaf litter fall production of natural and reforested mangrove forest of <i>Sonneratia alba</i> (Sm.) in Barangay White Beach, Pagadian City, Zamboanga del Sur	
19	Florfe M. Acma, Victoria T. Quimpang, Victor B. Amoroso, Noe P. Mendez	Florfe M. Acma	Noe P. Mendez	1Department of Biology, 2Center for Biodiversity Research and Extension in Mindanao (CEBREM), Central Mindanao University, University Town, Musuan, Bukidnon 8710, Philippines  *Corresponding author: npolomendez@gmail.com; 09058764522	BSD - 19 Litterfall Production and Turnover Rate in the three Long Term Ecological Research (LTER) Sites in Mindanao	

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21	Nelly S. Aggangan*, Julieta A. Anarna and Angelbert D. Cortes	Nelly S. Aggangan	Nelly S. Aggangan	National Institute of Molecular Biology and Biotechnology, University of the Philippines Los Baños, College, Laguna 4031 Philippines Tel: 049 536 0563, Fax: 049 536 2721, Email: nsaggangan@up.edu.ph	BSD - 21 Microbial Inoculated Plants to Bring Back Green Cover and Live Soil Environment in Barren Mine Tailings?	
22	Tubongbanua, Jr.1, Maricris G. Cudal1 and Victoria T. Quimpang 1	Mary Cor S. Salolog	Mary Cor S. Salolog	1Center for Biodiversity Research and Extension in Mindanao, Central Mindanao University, and 2 Geo-environmental Group, College of Engineering*smarycor@gmail.com.ph	BSD - 22 Phytoplankton species population in two selected rivers of Mt. Apo, Kidapawan, North Cotabato Philippines	
23	Arman N. Pili, Mae Lowe L. Diesmos, and Arvin C. Diesmos	Arman N. Pili	Arman N. Pili	1The Graduate School, University of Santo Tomas, España boulevard, 1015 Manila; 2armannorciopili@gmail.com; 3 Research Center for the Natural and Applied Sciences, University of Santo Tomas, España boulevard, 1015 Manila; 4 Department of Biological Sciences, College of Science, University of Santo Tomas, España boulevard, 1015 Manila; 5 Zoology Division, Philippine National Museum of Natural History, Ermita, 1000 Manila; 6 HerpWatch Pilipinas, Inc., Tondo, 1003 Manila	BSD - 23 Risk Assessment of Alien Amphibians: Guiding Philippine Biosecurity Programmes for Sustainability and Biodiversity Conservation	

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24	Hazel D. Prevendido	Hazel D. Prevendido	Hazel D. Prevendido	University of Southeastern Philippines haze.rhen@gmail.com	BSD - 24 Seashells Taken and Sold in the Beaches of Babak, Samal Island, Davao del Norte	
25	Joycelyn C. Jumawan and Romell A. Seronay	Joycelyn C. Jumawan	Joycelyn C. Jumawan	1Biology Department, Caraga State University, Butuan City 2Center for Research in Environmental Management and Eco-governance Tel # (085) 342-3047; joycejumawan@gmail.com	BSD - 25 Seasonal variation in the diversity and species richness of phytoplankton in a tropical oligotrophic lake: An update in Lake Mainit, Philippines	
26	Ruby Castrence-Gonzales, Jessie G. Gorospe, Mark Anthony J. Torres, Helen J. Vicente, Elnor C. Roa and Cesar G. Demayo	Ruby Castrence-Gonzales	Ruby Castrence-Gonzales	1Research Division, Mindanao State University Naawan, 9023 Naawan, Misamis Oriental, Philippines; 2Department of Biological Sciences, College of Science and Mathematics, Mindanao State University - Iligan Institute of Technology, 9200 Andres Bonifacio, Iligan City, Philippines. E-mail: rubycastrencegonzales@gmail.com CP No. 09264173799	BSD - 26 Selection Pressure: Its Influence on the Size, Carapace Shape and Genetic Diversity of Scylla sp in Selected Areas of the Philippines	
27	Joycelyn C. Jumawan , Cresencio Cabuga and 2Romell A. Seronay	Joycelyn C. Jumawan	Joycelyn C. Jumawan	Biology Department, Caraga State University, Butuan City 2Center for Research in Environmental Management and Eco-governance Tel # (085) 342-3047; joycejumawan@gmail.com	BSD - 27 Species composition and size-structure relationships of ichthyofauna in Lake Mainit, Philippines	
28	Brian Miguel F. Monson, Ronald R. Baldo, and Grace M. Limbasan	Brian Miguel F. Monson	Ronald R. Baldo	1Biology Department, College of Arts and Sciences, Agusan del Sur State College of Agriculture and Technology, 8506 Bunawan, Agusan del Sur, Philippines 2 Agusan del Sur State College of Agriculture and Technology, 8506 Bunawan, Agusan del Sur, Philippines	BSD - 28 Species Richness of Amphibians and Reptiles in Agusan del Sur State College of Agriculture and Technology (ASSCAT)	

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30	Victor B. Amoroso1, 2*, Chris Rey Lituanas2, Aurfeli D. Nietes1 and Fulgent P. Coritico1	Victor B. Amoroso	Victor B. Amoroso	1Center for Biodiversity Research and Extension in Mindanao, Central Mindanao University, Musuan, Bukidnon 2 Department of Biology, Central Mindanao University, Musuan, Maramag, Bukidnon victorbamoroso@gmail.com	BSD - 30 Spore culture of Threatened and Economic Species of Polypodiaceae using Modified Culture Media	
<b>BIOREMEDIATION</b>						
31	Leni Yap-Dejeto, Chelsea Mae S. Abia, Irene L. Tan, and Coleen O. Alonzo	Leni Yap-Dejeto	Leni Yap-Dejeto	Division of Natural Sciences and Mathematics, University of the Philippines Visayas Tacloban College, Tacloban City, 6500 Philippines	BSD - 31 Dinoflagellate cyst distribution along the coasts of Tacloban City in inner San Pedro Bay, Leyte, Philippines	



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32	Precious R. Guevarra*, Desiree Diaz* and Alma O. Canama*	Precious R. Guevarra	Alma O. Canama	Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna, Philippines 4031. *Presenting Author, prguevarra@up.edu.ph	BSD - 32 Allelic Diversity of Selected Philippine Native Maize (Zea Mays L.) Populations Resistant and Susceptible to Corn Borer	
33	Julieta A. Anarna*, Nelly S. Aggangan and Romualdo P. Yecyec	Julieta A. Anarna	Julieta A. Anarna	National Institute of Molecular Biology and Biotechnology, University of the Philippines Los Banos, College, Laguna 4031 Philippines Tel: 049 536 0563, Fax: 049 536 2721, Email: j_anarna@yahoo.com	BSD - 33 Demonstration of Microbial Biotechnology Mediated Forest Park in Caliraya Springs, Cavinti, Laguna	
<b>BOTANY</b>						
34	Jennifer G. Opiso	Jennifer G. Opiso	Jennifer G. Opiso	1 Department of Biology, Central Mindanao University, University Town, Musuan-8710, Maramag, Bukidnon, mcgalvz@gmail.com, 09171590179	BSD - 34 Local status and endemicy of orchid species in ultramafic forest of Bukidnon	
35	Pablito M. Magdalita1*, Alangelico O. San Pascual1 and Ruben L. Villareal2	Pablito M. Magdalita	Pablito M. Magdalita	1Institute of Crop Science and Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031, Philippines Email: pabsmagdalita@gmail.com	BSD - 35 Germination and growth of different native orchid species	

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<b>ETHNOBOTANY</b>						
36	Hiezel Faith U. Zozobrado and Muhmin Michael E. Manting*	Hiezel Faith U. Zozobrado	Hiezel Faith U. Zozobrado	Department of Biological Sciences, College of Science and Mathematics, MSU -Iligan Institute of Technology, 9200 Iligan City, Lanao del Norte, Philippines hiezelfaith.zozobrado@g.msuiit.edu.ph, muhmin.manting@g.msuiit.edu.ph	BSD - 36 Plants used by the Subanens in treating Livestock and Poultry Diseases and Malaises in the Provinces of Misamis Occidental and Zamboanga del Sur	
<b>GENETICS</b>						
37	Rosario Rivera Rubite*1, Ching-I Peng2, Kuo-Fang Chung2, Che-Wei Lin3, Mark Hughes4, Patrick Blanc5	Rosario Rivera Rubite	Rosario Rivera Rubite	1UP Manila, CAS, Biology rosariorubite@yahoo.com;	BSD - 37 Chloroplast and nuclear DNA exchange among Begonia section Baryandra species (Begoniaceae) from Palawan Island, Philippines, and descriptions of five new species	
38	Fatima Florie May Silva, Fe Dela Cueva, Teresita Dalisay and Agustin Molina	Fatima Florie May Silva	Fatima Florie May Silva	1Institute of Plant Breeding, University of the Philippines Los Baños e-mail:fatimafloriemaysilva@gmail.com/ contact: 576-8443 2Institute of Weed Science, Entomology and Plant Pathology, University of the Philippines Los Baños 3Bioersivity International, KhushBldg, IRRRI, Los Baños, Laguna	BSD - 38 Detection and variation of putative effector SIX genes of Fusarium oxysporum f. sp. cubense Philippines isolates	
39	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, Mother Ignacia Ave., South Triangle, Quezon City, Metro Manila 1103 Tel: +63 23761178. Email: cookiefher24@gmail.com	BSD - 39 DNA Barcoding as a Tool for Accurate Species Identification	

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41	Jerwin R. Undan, Maron, Lyza Maron, Juan David Arbelaez Ryohei Terauchi and Susan McCouch	Jerwin R. Undan	Jerwin R. Undan	1Department of Biological Sciences, College of Arts and Sciences, Central Luzon State University, Science City of Munoz 3119 Nueva Ecija, Philippines Email address: jerwinundan@clsu.edu.ph	BSD 41 Finding Stress Genes: Gene expression analysis of the drought resistant lesion mimic and early senescence rice ( <i>Oryza sativa</i> L.) mutant	
42	Edwige NM Banjo, Xavier Greg I. Caguiat, Marilyn C. Ferrer, Mary Ann Rañeses, Roxanne M. Bulatao2, Tobias Kretchmar, Annalhea Jarana1, Huw Jones, Lesley Boyd	Edwige NM Banjo	Xavier Greg I. Caguiat	1Genotyping Services Laboratory, International Rice Research Institute, Los Baños, Laguna, Philippines, 4031 2Genetic Resources Division, Philippine Rice Research Institute, Maligaya, Muñoz, Nueva Ecija 4031 3National Institute of Agricultural Botany, UK *xbieng03@gmail.com, 639491591975	BSD - 42 Genetic Diversity Analysis and Population Structure of Philippine Traditional Pigmented Rice	
43	Marilyn M. Belarmino, Win Love C. Rivera*, Nova Cyrell S. Corbita*, Corazon S. Tao-on*, Santosh Shelke*, Mongkul Stratongjun*	Marilyn M. Belarmino	Win Love C. Rivera	East-West Seed Company, Inc., Hortanova Research Center, Pagolingin Bata, Lipa City, 4217 Batangas, Philippines Email: winlove.rivera@eastwestseed.com	BSD 43 Genetic Diversity and Disease Resistance of <i>Capsicum annum</i> and its Relatives	

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44	Prima Fe R. Franco and Cecile A. Gaoat	Prima Fe R. Franco	Prima Fe R. Franco	Mariano Marcos State University, College of Arts and Sciences, Department of Biology, City of Batac, 2906 Ilocos Norte primarfranco@yahoo.com.ph	BSD - 44 Identification of Microbulbifer agarilyticus from Mucus of Soft Coral Clavularia sp. Using the 16S rRNA	
45	Jorge Anton D. Ordas, Jan Luziane Marie Kristine M. Ciocon, Joash Marion I. Bagon, Rean Rupert A. Berdijo, John Carlo S. Torres, and Grecebio Jonathan D. Alejandro	Jorge Anton D. Ordas	Grecebio Jonathan D. Alejandro	Department of Biological Sciences, College of Science and the Research Center for the Natural and Applied Sciences, University of Santo Tomas, España Boulevard, 1015 Manila, Philippines	BSD - 45 Multiple Molecular Markers (ITS, rbcL, and trnT-F) Reveal the Phylogeny and Historical Biogeography of Philippine Neonauclea Merr. (Rubiaceae)	
46	Prima Fe R. Franco* and Cecile A. Gaoat	Prima Fe R. Franco	Prima Fe R. Franco	Mariano Marcos State University, College of Arts and Sciences, Department of Biology, City of Batac, 2906 Ilocos Norte primarfranco@yahoo.com.ph	BSD - 46 Identification of Microbulbifer agarilyticus from Mucus of Soft Coral Clavularia sp. Using the 16S rRNA	65 from agriculture
<b>MACROFOULING</b>						
47	Melody Anne B. Ocampo, Jezzah R. Mangulaban, Brian M. Lim, Glenn L. Sia Su and Glicería B. Ramos2	Melody Anne B. Ocampo	Melody Anne B. Ocampo	Department of Biology, College of Arts and Sciences, University of the Philippines, Manila; 2De La Salle University Manila Telephone: 02-526-58-61; Email: melodyocampo@yahoo.com	BSD - 47 Assessment of Marine Macrofouling Communities in Naval Base Heracleo Alano, Cavite City	
<b>MARINE BIOLOGY</b>						

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48	Serapion N. Tanduyan, Norberto B. Andrade, Aderito G. Gonzales, Edito B. Costan Jiezel L. Nudalo, Eva P. Muaña, Jonar D. Gonzales and Dharel Miro,	Serapion N. Tanduyan	Serapion N. Tanduyan	Cebu Technological University, San Francisco, Cebu, Philippines Tel: (032) 3188163/ (032) 3188164; e-mail: sntanduyan@yahoo.com	BSD - 48 Off Bottom Culture of Dakdakan (Codium edule) at the Marine Waters of Northern Poblacion, San Francisco, Cebu, Philippines	

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<b>MICROBIOLOGY</b>						
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50	Nice E. Tambura*, Rose Jane S. Vanilla, Naneth E. Escabal, Renato C. Tacubao <sup>1</sup>	Rose Jane S. Vanilla	Nice E. Tambura	Environmental Management Specialist II and IEngineer IV, DENR-Environmental Management Bureau-13, P-5, Brgy. Ambago, Butuan City Tel #: (085)342-1877, tniceyt@gmail.com	BSD - 50 Assessment of Fecal Coliform In Masao Beach, Butuan City, Caraga, Philippines	
<b>MORPHOLOGY</b>						
51	Lerma SJ. Maldia, Allesia, Hannah Jane Rex Victor O. Cruz, Dianne Joy D. Aguilon, and Amelita C. Luna	Lerma SJ. Maldia	Lerma SJ. Maldia	1Department of Forest Biological Sciences, CFNR-UPLB 2Instiute of Renewable Natural Resources, CFNR-UPLB 3Ofiice of the Coordinator for Research, Extension and Linkages (OCREL), CFNR-UPLB; lsmaldia@up.edu.ph	BSD - 51 Seed dispersal patterns of two selected forest trees, with varying modes of dispersal, in Mt. Makiling Forest Reserve	

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52	Sarah-Lou N. Obinguar* and Rey Alfred G. Rañola	Sarah-Lou N. Obinguar	Sarah-Lou N. Obinguar	The Graduate School, Centro Escolar University Manila, Philippines Tel. no.: 7356861 loc 226 Email address: slnobinguar@ceu.edu.ph	BSD - 52 Phytochemical Screening and Antimicrobial Activity of Eucalyptus deglupta leaf extract	
<b>NATURAL PRODUCTS</b>						
53	Cecile A. Gaoat and Prima Fe R. Franco	Cecile A. Gaoat	Cecile A. Gaoat	Mariano Marcos State University, College of Arts and Sciences, City of Batac, 2906 Ilocos Norte cessgaoat_87@yahoo.com	BSD - 53 Biochemical Characterization of Marine Pigmented Bacterial Isolates from the Mucus of Soft Coral Clavularia sp.	
54	Quiao, Maria Alma, Dela Peña, GERALYN, Kokoska, Ladislav	Quiao, Maria Alma	Quiao, Maria Alma	1 College of Science and Environment, Mindanao State University at Naawan, Naawan, Misamis Oriental, Philippines 2 Institute of Fisheries Research and Development, Mindanao State University at Naawan, Naawan, Misamis Oriental, Philippines 3 Department of Crop Sciences and Agroforestry, Faculty of Tropical AgriSciences, Czech University of Life Sciences Prague, Prague, Czech Republic	BSD - 54 Biological Activities and Mineral Composition Analysis of Enhalus acoroides (L.f.) Royle seeds and flowers	
55	Juanito P. Jimenez, Jr. and Robert A. Natividad	Juanito P. Jimenez, Jr	Juanito P. Jimenez, Jr	Forest Products Research and Development Institute (FPRDI), Department of Science and Technology (DOST), College (4031), Los Baños, Laguna, Philippines Tel No. (049) 536-2586; jppjimenez@fprdi.dost.gov.ph; johnny3jr@yahoo.com 0536-2586/09268362367	BSD - 55 Development of Arc-Laminated Bamboo Lumber for Furniture and Handicrafts	