

BIODIVERSITAS

Journal of Biological Diversity
Volume 19 - Number 5 - September 2018

- Sequence variation of captive Malayan Gaur (*Bos gaurus hubbacki*) based on mitochondrial D-loop region DNA sequences** 1601-1606
BADRUL MUNIR MD-ZAIN, AQILAH ABDUL-AZIZ, NOR RAHMAN AIFAT, NUR SYAFIKA MOHD-YUSUF, ROSLI NORSYAMIMI, JEFFRINE JAPNING ROVIE-RYAN, KAYAL VIZI KARUPPANNAN, NADIATUR AKMAR ZULKIFLI, SALMAH YAAKOP
- Conservation and selection of plus trees of *Pongamia pinnata* in Bali, Indonesia** 1607-1614
NI LUH ARPIWI, I GUSTI AYU SUGI WAHYUNI, I KETUT MUKSIN, SUTOMO
- Short Communication: The species diversity and composition of roadside trees in five cities in Sumatra, Indonesia** 1615-1621
WIRYONO, YANSEN, ADITYA, DAVID JUARA LAMHOT, JURIAH HUTAHAEAN
- Short Communication: Novel Single Nucleotide Polymorphisms (SNPs) in the 5'UTR of Bovine Heat Shock Protein 70 (bHSP70) Gene and its association with Service per Conception (S/C) of Pasundan cattle** 1622-1625
SYAHRUDDIN SAID, WIDYA PINTAKA BAYU PUTRA
- Carbon storage variability in seagrass meadows of Marine Poton Bako, East Lombok, West Nusa Tenggara, Indonesia** 1626-1631
FIRMAN ALI RAHMAN, IBNUL QAYIM, YUSLI WARDIATNO
- Short Communication: Habitat characterization of *Aristolochia baetica* L. in Tessala Mount, Western Algeria** 1632-1641
HAKEMI ZAHRA, MEHDADI ZOHEIR, LATRECHE ALI, CHERIFI KOUIDER, AISSET AMEL
- Phenotypic variation and genetic alteration of *Spathoglottis plicata* resulted from in vitro cultured seed irradiated with X-Ray** 1642-1648
SUYITNO ALOYSIUS, AZIZ PURWANTORO, KUMALA DEWI, ENDANG SEMIARTI
- Diversity and abundance of termites along altitudinal gradient and slopes in Mount Slamet, Central Java, Indonesia** 1649-1658
HERY PRATIKNYO, INTAN AHMAD, BAMBANG HERU BUDIANTO
- Biodiversity and distribution of termite nests in West Papua, Indonesia** 1659-1664
NIKEN SUBEKTI, ISMA NURVAIZAH, JAN HENDRIEK NUNAKI, HENGKY LUKAS WAMBRAU, RO'IYYATUL MAR'AH
- Dracorhodin: A potential marker compound for detecting the presence of dragon's blood resin from *Daemonorops* originated from Indonesia** 1665-1671
TOTOK KARTONO WALUYO, SANTIYO WIBOWO
- Short Communication: Macropropagation – An important tool for conservation of North Sumatran endangered tree species, *Dryobalanops aromatica*** 1672-1675
ARIDA SUSILOWATI, CUT RIZLANI KHOLIBRINA, HENTI HENDALASTUTI RACHMAT, DENI ELFIATI, ASWANDI, ILLA MASYITAH RAENI
- Association between XRCC1 exon 10 (Arg399Gln) gene polymorphism and micronucleus as a predictor of DNA damage among radiation workers** 1676-1682
HARRY NUGROHO EKO SURNIYANTORO, YANTI LUSIYANTI, TUR RAHARDJO, SITI NURHAYATI, DEVITA TETRIANA
- Morphological characteristics and isozyme banding patterns of *Cucurbita moschata* at different altitudes** 1683-1689
NUR RAHMAH HIDAYATI, SURANTO, SAJIDAN

The grouping system and local distribution pattern analysis of Javan green peafowl (<i>Pavo muticus muticus</i>, Linnaeus 1758) population in Baluran and Alas Purwo National Parks, East Java, Indonesia JARWADI BUDI HERNOWO, HADI SUKADI ALIKODRA	1690-1695
Insect diversity in post-mining areas: Investigating their potential role as bioindicator of reclamation success DAMAYANTI BUCHORI, AKHMAD RIZALI, GILANG ADITYA RAHAYU, IRDIKA MANSUR	1696-1702
Karst vegetation in the natural habitat of sandalwood (<i>Santalum album</i>) at various altitude places in Timor Island, Indonesia FRANSISCA XAVERIANA SERAFINA LIO, MARIA PAULIN SARI DEWI	1703-1713
Genetic diversity of mastitis cow's milk bacteria based on RAPD-PCR APON ZAENAL MUSTOPA, INES FERDIANA PUSPITASARI, FATIMAH, LITA TRIRATNA, GINA KARTINA	1714-1721
Recognizing indigenous knowledge of the Karangwangi Rural Landscape in South Cianjur, Indonesia for sustainable land management FATIYA AMELIA, JOHAN ISKANDAR, RUHYAT PARTASMITA, NICHOLAS MALONE	1722-1729
Genotype determination of megalocytivirus from Indonesian Marine Fishes MURWANTOKO, DINI WAHYU KARTIKA SARI, CHRISTINA RETNO HANDAYANI, RICHARD J. WHITTINGTON	1730-1736
Protein and fatty acid profile of marine fishes from Java Sea, Indonesia SRI PRIATNI, DIAH RATNANINGRUM, WAWAN KOSASIH, EEN SRIENDAH, YOICE SRIKANDACE, TINA ROSMALINA, SRI PUDJIRAHARTI	1737-1742
TRFLP analysis for revealing the diversity of rice phyllosphere bacteria SRI MARTINA WIRASWATI, ARIS TRI WAHYUDI, IMAN RUSMANA, ABDJAD ASIH NAWANGSIH	1743-1749
Effect of the CDC light trap on control of nocturnal mosquitoes in coastal Samut Songkhram Province, Thailand TANAWAT CHAIPHONGPACHARA, SEDTHAPONG LAOJUN, CHAEKKI KUNPHICHAYADECHA	1750-1754
Short Communication: Biological aspects of <i>Charybdis anisodon</i> (De Haan, 1850) in Lasongko Bay, Central Buton, Southeast Sulawesi, Indonesia ABDUL HAMID, YUSLI WARDIATNO	1755-1762
Management of coastal biodiversity based on social-cultural values in constructing conservation character education ABUBAKAR SIDIK KATILI, RAMLI UTINA, YOWAN TAMU, ELYA NUSANTARI	1763-1768
Short Communication: Categorization models as a powerful tool in paleontological data analyses – the Phanerozoic bivalves AHMED AWAD ABDELHADY, MOHAMMED MASOUD ABDALLA	1769-1776
Short Communication: Genetic diversity of <i>Salacca edulis</i> from West Seram District, Maluku, Indonesia based on morphological characters and RAPD profiles SOVIAN SESCA ELLY, THEOPILUS W. WATUGULY, DOMINGGUS RUM AHLATU	1777-1782
Genetic diversity of <i>Amorphophallus titanum</i> in Bengkulu, Indonesia based on RAPD markers WAHYUDI ARIANTO, ERVIZAL A.M. ZUHUD, AGUS HIKMAT, TUTUT SUNARMINTO, ISKANDAR Z. SIREGAR	1783-1790
Diversity of ambrosia beetles (Coleoptera: Scolytidae) on teak forest in Malang District, East Java, Indonesia YOGO SETIAWAN, RINA RACHMAWATI, HAGUS TARNO	1791-1797
Short Communication: Identification of marine leech and assessment of its prevalence and intensity on cultured hybrid groupers (<i>Epinephelus</i> sp.) MURWANTOKO, SRI LAKSONO CONDRONEGORO, ALIM ISNANSETYO, ZAFRAN	1798-1804

Short Communication: The impact of Gamma radiation on <i>Tdc</i> and <i>Str</i> gene expressions in <i>Catharanthus roseus</i> regenerated plantlets	1805-1810
ZAHRA NOORMOHAMMADI, MARYAM TABAN, FARAH FARAHANI	
Morphological, anatomical and isozyme variability among taro (<i>Colocasia esculenta</i>) accessions from southeastern part of Central Java, Indonesia	1811-1819
ARI PITOYO, ANGELIA ARUM PRAMETA, MARSUSI, SURATMAN, SURANTO	
The diversity of <i>Nepenthes</i> at the post-mining area in Sintang District, West Kalimantan, Indonesia	1820-1827
HENDRA SETIAWAN, HILDA AQUA KUSUMA WARDHANI, KAMALUDIN, RIA ROSDIANA HUTAGAOL, RACHMI AFRIANI	
Isolation, molecular characterization and extracellular enzymatic activity of culturable halophilic bacteria from hypersaline natural habitats	1828-1834
SUZAN AHMED BIN-SALMAN, REDA HASSAN AMASHA, SAMYAH D. JASTANIAH, MAGEDA M. ALY, KHALIL ALTAIF	
Short Communication: Floristic composition and relationships between plant species abundance and soil properties in common hazel (<i>Corylus avellana</i>) mountainous forest of northern Iran	1835-1841
GHADER POURRAHMATI, ASADOLLAH MATAJI, HASSAN POURBABAEI, ALI SALEHI	
Habitat utilization of the Sumatran rhinos (<i>Dicerorhinus sumatrensis harrissoni</i>) in Kutai Barat forest, East Kalimantan, Indonesia	1842-1850
MUKHLISI, TRI SAYEKTI NINGSIH, ULFAH KARMILA SARI, YUYUN KURNIAWAN, RIDWAN SETIAWAN, AHMAD MUSLIM	
Evaluation of farmers' knowledge on the rare Abyssinian pea (<i>Pisum sativum</i> var. <i>abyssinicum</i>) landraces of Ethiopia	1851-1865
BERHANE GEBRESLASSIE GEBREEGZIABHER, BERHANU ABRAHA TSEGAY	
Short Communication: Decreased populations of <i>Scutellaria discolor</i> and <i>Plectranthus galeatus</i> (Lamiaceae) on Mount Gede, West Java, Indonesian and its surrounding	1866-1870
SUDARMONO	
Latent variable models for multi-species counts modeling in ecology	1871-1876
RIKI HERLIANSYAH, IRMA FITRIA	
Molecular identification of coffee (<i>Coffea arabica</i>) pollinator insects in North Sumatra, Indonesia based on designed COI primers	1877-1883
FITRIANI SITOMPUL, ELIDA HAFNI SIREGAR, DEWI IMELDA ROESMA, DAHELMI, EKO PRASETYA	
Growth characteristics and copper accumulation of bacterial consortium <i>Acinetobacter</i> sp. and <i>Cupriavidus</i> sp. isolated from a wastewater treatment plant	1884-1890
WAHYU IRAWATI, TRIWIBOWO YUWONO, NOMMENSEN PANGIHUTAN OMPUSUNGGU	
The potential risk of tree regeneration failure in species-rich Taba Penanjung lowland rainforest, Bengkulu, Indonesia	1891-1901
AGUS SUSATYA	
Short Communication: Variation in vocal cord morphometric characters among dangdut type and the slow type Gaga Chicken	1902-1905
ABINAWANTO, ALFI SOPHIAN, PIPIH SUNINGSI EFFENDI, TITIN SISWANTINING	
Leaf anatomical characters of four epiphytic orchids of Sempu Island, East Java, Indonesia: The importance in identification and ecological adaptation	1906-1918
RIDESTI RINDYASTUTI, SITI NURFADILAH, APRIYONO RAHADIANTORO, LIA HAPSARI, ILHAM KURNIA ABYWIJAYA	
Spatial distribution of echinoderms in littoral area of Ambon Island, Eastern Indonesia	1919-1925
ANA SETYASTUTI, WAHYU PURBIANTORO, HADIYANTO	
The impacts of traditional homegarden conversion into the commercial one: A case study in Sukapura Village of the Upstream Citarum Watershed, West Java, Indonesia	1926-1940
JULIATI PRIHATINI, JOHAN ISKANDAR, RUHYAT PARTASASMITA, DEDEN NURJAMAN	

<p>Leunca (<i>Solanum americanum</i> Mill.): The uses as vegetable in two villages in Upper Citarum Area, Bandung, West Java, Indonesia</p> <p>DEDE MULYANTO, JOHAN ISKANDAR, OEKAN S. ABDOELLAH, BUDIAWATI S. ISKANDAR, SELLY RIAWANTI, RUHYAT PARTASASMITA</p>	1941-1954
<p>Short Communication: The utilization and effectiveness test of andisol soil-bioball-<i>Agrobacterium</i> sp. toward heavy metal chrome removal</p> <p>PRANOTO, RETNO ROSARIASUTI, ALFIAN PRIHANDOKO</p>	1955-1959
<p>Predicting impacts of future climate change on the distribution of the widespread selaginellas (<i>Selaginella ciliaris</i> and <i>S. plana</i>) in Southeast Asia</p> <p>AHMAD DWI SETYAWAN, JATNA SUPRIATNA, NISYAWATI, SUTARNO, SUGIYARTO, ILYAS NURSAMSIS</p>	1960-1977

*Front cover: Malayan gaur (*Bos gaurus hubbacki*)*
(PHOTO: NADIA ASARI)

Published bimonthly

PRINTED IN INDONESIA

ISSN: 1412-033X



E-ISSN: 2085-4722



ISSN: 1412-033X
E-ISSN: 2085-4722

BIODIVERSITAS

Journal of Biological Diversity

Volume 19 - Number 5 - September 2018

