

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL ILMIAH**

Judul Karya Ilmiah/Jurnal : Phylogeographic and molecular characterization of Pronghorn spiny lobster (*Panulirus penicillatus* Olivier, 1791) in the Southern Coast of Java and Lombok, Indonesia

Jumlah Penulis : 4 (Tiga)

Status Pengusul : ~~Penulis pertama~~/ penulis ke 2/~~penulis korespondensi~~ **

Penulis Karya Ilmiah : Irwani, Diah Permata Wijayanti, **Anindya Wirasatriya**, Agus Sabdono

Identitas Karya Ilmiah : a. Nama Jurnal : Biodiversitas
 b. No. ISSN : 2085-4722
 c. Nomor, Volume, bln, thn : No. 12 Vol. 21 Tahun 2020
 d. Penerbit : Biology department, Sebelas Maret University Surakarta
 e. DOI Jurnal (jika ada) : <https://10.13057/biodiv/d211227>
 f. Alamat Web Jurnal :
 - Url Jurnal : <https://smujo.id/biodiv/issue/view/284>
 - Url Jurnal: <https://smujo.id/biodiv/article/view/6724/4437>
 g. Terindeks di Scimagojr/Thomson Reuter ISI knowledge atau di..

Kategori Publikasi Jurnal Ilmiah (beri ✓ pada kategori yang tepat) :

<input checked="" type="checkbox"/>	Jurnal Ilmiah Internasional / Internasional bereputasi
<input type="checkbox"/>	Jurnal Ilmiah Nasional Terakreditasi
<input type="checkbox"/>	Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai5)	Nilai Maksimal Jurnal Ilmiah 6)			Nilai Akhir Yang Diperoleh 7)
	Internasional <input type="text" value="40"/>	Nasional Terakreditasi <input type="text"/>	Nasional Tidak Terakreditasi <input type="text"/>	
a. Kelengkapan unsur isi jurnal (10%)	4			3,8
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			11,6
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12			11,6
d. Kelengkapan unsur dan kualitas penerbit (30%)	12			11,5
Total = (100%)	40			38,5

Catatan Penilaian Paper oleh Reviewer:

Hasil penelitian telah ditulis dengan sistimatis dan rinci. Hasil dan pembahasan yang ditampilkan sangatt baik dan telah terpublish di jurnal Biodiversitas yang termasuk Q3. Bidang yang diteliti adalah tentang bioteknologi kelautan yang tidak sesuai dengan bidang penulis 3.

Nilai = $0,4/3 \times 38,5 = 5,13$, karena tidak sesuai dengan bidangnya, maka nilainya hanya **2,5**

Semarang,
Reviewer 1

Prof. Ir. Muslim, M.Sc., Ph.D
 NIP. 196004041987031002
 Unit Kerja : FPIK UNDIP

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL ILMIAH**

Judul Karya Ilmiah/Jurnal : Phylogeographic and molecular characterization of Pronghorn spiny lobster (*Panulirus penicillatus* Olivier, 1791) in the Southern Coast of Java and Lombok, Indonesia

Jumlah Penulis : 4 (Tiga)

Status Pengusul : ~~Penulis pertama~~/ penulis ke 2/~~penulis korespondensi~~ **

Penulis Karya Ilmiah : Irwani, Diah Permata Wijayanti, **Anindya Wirasatriya**, Agus Sabdono

Identitas Karya Ilmiah : a. Nama Jurnal : Biodiversitas
 b. No. ISSN : 2085-4722
 c. Nomor, Volume, bln, thn : No. 12 Vol. 21 Tahun 2020
 d. Penerbit : Biology department, Sebelas Maret University Surakarta
 e. DOI Jurnal (jika ada) : <https://10.13057/biodiv/d211227>
 f. Alamat Web Jurnal :
 - Url Jurnal : <https://smujo.id/biodiv/issue/view/284>
 - Url Jurnal: <https://smujo.id/biodiv/article/view/6724/4437>
 g. Terindeks di Scimagojr/Thomson Reuter ISI knowledge atau di..

Kategori Publikasi Jurnal Ilmiah (beri ✓ pada kategori yang tepat)

<input checked="" type="checkbox"/>	Jurnal Ilmiah Internasional / Internasional bereputasi
<input type="checkbox"/>	Jurnal Ilmiah Nasional Terakreditasi
<input type="checkbox"/>	Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai5)	Nilai Maksimal Jurnal Ilmiah 6)			Nilai Akhir Yang Diperoleh 7)
	Internasional	Nasional Terakreditasi	Nasional Tidak Terakreditasi	
	40	<input type="text"/>	<input type="text"/>	
e. Kelengkapan unsur isi jurnal (10%)	4			4
f. Ruang lingkup dan kedalaman pembahasan (30%)	12			9
g. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12			9
h. Kelengkapan unsur dan kualitas penerbit (30%)	12			12
Total = (100%)	40			34

Catatan Penilaian Paper oleh Reviewer:

- a) Jurnal *Biodiversitas* dinilai mempunyai unsur unsur yang lengkap sesuai dengan kaidah jurnal ilmiah internasional, termasuk introduction sampai conclusion dan references.
- b) Ruang lingkup artikel ini tidak secara langsung terkait dengan dengan bidang penulis yakni oceanografi, karena membahas tentang diversitas dari lobster, namun penulis ini mendukung dari sisi oseanografinya yakni arah arus permukaan dari laut selatan pulau Jawa, pembahasan didukung 41 pustaka dan 16 diantaranya lebih dari 10 tahun.
- a) Data dan informasi yang disampaikan dalam artikel ini dinilai mencukupi. Metode yang digunakan adalah metode standard untuk membuat pohon filogenetik, mulai dari identifikasi DNA sampai pembuatan pohon filogenetik
- b) *Biodiversitas* dinilai mempunyai unsur-unsur penerbit yang lengkap. Jurnal ini terindeks di Scopus Q3, h indeks 19 dengan SJR 0,284 dan impact factor 1,046. Untuk kualitas penerbitan juga dinilai dinilai baik, terbitan muncul sesuai jadwal 12 kali per tahun.
 Nilai = $0,4/3 \times 34 = 4,53$

Semarang, 27 Mei 2022
Reviewer 2



Prof. Dr. Ir. Ambariyanto, M.Sc
NIP. 196104131988031002



Source details

Biodiversitas

Open Access ⓘ

Scopus coverage years: from 2014 to Present

Publisher: Biology department, Sebelas Maret University Surakarta

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

Subject area: Agricultural and Biological Sciences: Animal Science and Zoology Agricultural and Biological Sciences: Plant Science
Biochemistry, Genetics and Molecular Biology: Molecular Biology

Source type: Journal

CiteScore 2021

1.7 ⓘ

SJR 2021

0.290 ⓘ

SNIP 2021

0.945 ⓘ

[View all documents >](#) [Set document alert](#) [Save to source list](#) [Source Homepage](#)

[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

i Improved CiteScore methodology ⓘ

CiteScore 2021 counts the citations received in 2018-2021 to articles, reviews, conference papers, book chapters and data papers published in 2018-2021, and divides this by the number of publications published in 2018-2021. [Learn more >](#)

CiteScore 2021 ▼

$$1.7 = \frac{3.927 \text{ Citations } 2018 - 2021}{2.257 \text{ Documents } 2018 - 2021}$$

Calculated on 05 May, 2022

CiteScoreTracker 2022 ⓘ

$$2.2 = \frac{6.052 \text{ Citations to date}}{2.731 \text{ Documents to date}}$$

Last updated on 05 April, 2023 • Updated monthly

CiteScore rank 2021 ⓘ

Category	Rank	Percentile
Agricultural and Biological Sciences	#243/448	45th
Animal Science and Zoology		
Agricultural and Biological Sciences	#266/482	44th
Plant Science		

[View CiteScore methodology >](#) [CiteScore FAQ >](#) [Add CiteScore to your site ↗](#)

About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

Language

[日本語版を表示する](#)

[查看简体中文版本](#)

[查看繁體中文版本](#)

[Просмотр версии на русском языке](#)

Customer Service

[Help](#)

[Tutorials](#)

[Contact us](#)

ELSEVIER

[Terms and conditions](#) ↗ [Privacy policy](#) ↗

Copyright © Elsevier B.V. ↗. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies ↗.

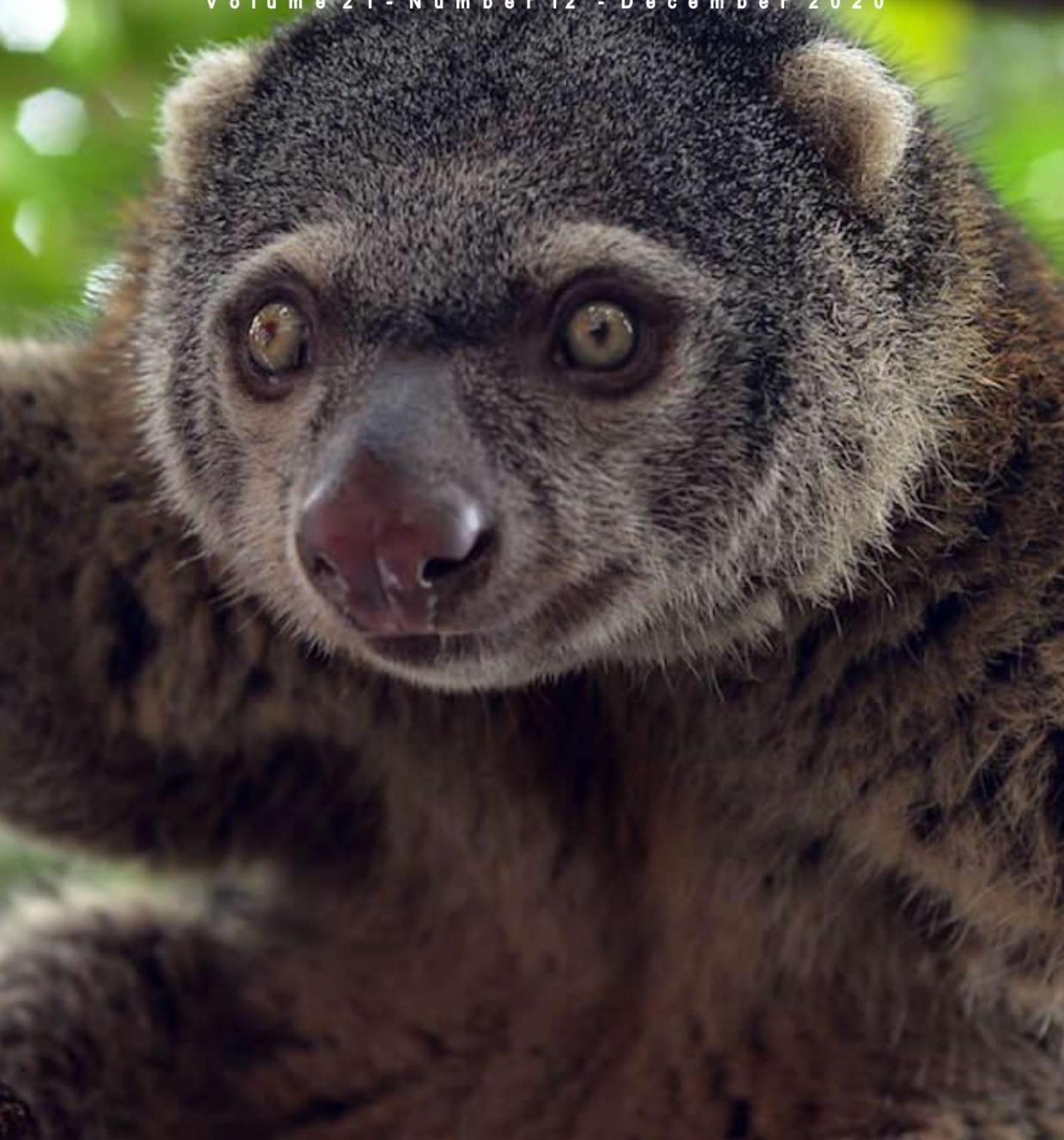


ISSN: 1412-033X
E-ISSN: 2085-4722

BIODIVERSITAS

Journal of Biological Diversity

Volume 21 - Number 12 - December 2020



Front cover: *Ailurops_ursinus* Temminck, 1824
(PHOTO: RIZA MARLON)

Published monthly

PRINTED IN INDONESIA

ISSN: 1412-033X

E-ISSN: 2085-4722



9 771412 033832



9 772085 472836

BIODIVERSITAS

Journal of Biological Diversity
Volume 21 – Number 12 – December 2020

ISSN/E-ISSN:

1412-033X (printed edition), 2085-4722 (electronic)

EDITORIAL BOARD:

Abdel Fattah N.A. Rabou (Palestine), **Agnieszka B. Najda** (Poland), **Ajay Kumar Gautam** (India), **Alan J. Lymbery** (Australia), **Annisa** (Indonesia), **Bambang H. Saharjo** (Indonesia), **Daiane H. Nunes** (Brazil), **Darlina Md. Naim** (Malaysia), **Ghulam Hassan Dar** (India), **Hassan Pourbabaee** (Iran), **Joko R. Witono** (Indonesia), **Kartika Dewi** (Indonesia), **Katsuhiko Kondo** (Japan), **Kusumadewi Sri Yulita** (Indonesia), **Livia Wanntorp** (Sweden), **M. Jayakara Bhandary** (India), **Mahdi Reyahi-Khoram** (Iran), **Mahendra K. Rai** (India), **Mahesh K. Adhikari** (Nepal), **Maria Panitsa** (Greece), **Mochamad A. Soendjoto** (Indonesia), **Mohib Shah** (Pakistan), **Mohamed M.M. Najim** (Srilanka), **Nurhasanah** (Indonesia), **Praptiwi** (Indonesia), **Rasool B. Tareen** (Pakistan), **Seyed Aliakbar Hedayati** (Iran), **Seyed Mehdi Talebi** (Iran), **Shahabuddin** (Indonesia), **Shahir Shamsir** (Malaysia), **Shri Kant Tripathi** (India), **Subhash C. Santra** (India), **Sugeng Budiharta** (Indonesia), **Sugiyarto** (Indonesia), **Taufiq Purna Nugraha** (Indonesia), **Yosep S. Mau** (Indonesia)

EDITOR-IN-CHIEF:

S u t a r n o

EDITORIAL MEMBERS:

English Editors: **Graham Eagleton** (grahameagleton@gmail.com), **Suranto** (surantouns@gmail.com); Technical Editor: **Solichatun** (solichatun_s@yahoo.com), **Artini Pangastuti** (pangastuti_tutut@yahoo.co.id); Distribution & Marketing: **Rita Rakhmawati** (oktia@yahoo.com); Webmaster: **Ari Pitoyo** (aripitoyo@yahoo.com)

MANAGING EDITORS:

Ahmad Dwi Setyawan (unsjournals@gmail.com)

PUBLISHER:

The Society for Indonesian Biodiversity

CO-PUBLISHER:

Department of Biology, Faculty of Mathematics and Natural Sciences, Sebelas Maret University, Surakarta

ADDRESS:

Jl. Ir. Sutami 36A Surakarta 57126. Tel. +62-271-7994097, Tel. & Fax.: +62-271-663375, email: editors@smujo.id

ONLINE:

biodiversitas.mipa.uns.ac.id; smujo.id/biodiv



Society for Indonesia
Biodiversity



Sebelas Maret University
Surakarta

GUIDANCE FOR AUTHORS

Aims and Scope *Biodiversitas*, *Journal of Biological Diversity* or abbreviated as *Biodiversitas* encourages submission of manuscripts dealing with all biodiversity aspects of plants, animals and microbes at the level of the gene, species, and ecosystem as well as ethnobiology.

Article types The journal seeks original full-length research papers, reviews, and short communication. Manuscript of original research should be written in no more than 8,000 words (including tables and picture), or proportional with articles in this publication number. Review articles will be accommodated, while, short communication should be written at least 2,000 words, except for pre-study.

Submission The journal only accepts online submission, through open journal system (<https://smujo.id/biodiv/about/submissions>) or email to the editors at unsjournals@gmail.com. Submitted manuscripts should be the original works of the author(s). The manuscript must be accompanied by a cover letter containing the article title, the first name and last name of all the authors, a paragraph describing the claimed novelty of the findings versus current knowledge. Submission of a manuscript implies that the submitted work has not been published before (except as part of a thesis or report, or abstract); and is not being considered for publication elsewhere. When a manuscript written by a group, all authors should read and approve the final version of the submitted manuscript and its revision; and agree the submission of manuscripts for this journal. All authors should have made substantial contributions to the concept and design of the research, acquisition of the data and its analysis; drafting of the manuscript and correcting of the revision. All authors must be responsible for the quality, accuracy, and ethics of the work.

Ethics Author(s) must obedient to the law and/or ethics in treating the object of research and pay attention to the legality of material sources and intellectual property rights.

Copyright If and when the manuscript is accepted for publication, the author(s) still hold the copyright and retain publishing rights without restrictions. Authors or others are allowed to multiply article as long as not for commercial purposes. For the new invention, authors are suggested to manage its patent before published.

Open access The journal is committed to free-open access that does not charge readers or their institutions for access. Readers are entitled to read, download, copy, distribute, print, search, or link to the full texts of articles, as long as not for commercial purposes. The license type is CC-BY-NC-SA.

Acceptance The only articles written in English (U.S. English) are accepted for publication. Manuscripts will be reviewed by editors and invited reviewers (double blind review) according to their disciplines. Authors will generally be notified of acceptance, rejection, or need for revision within 1 to 2 months of receipt. The manuscript is rejected if the content does not in line with the journal scope, does not meet the standard quality, inappropriate format, complicated grammar, dishonesty (i.e. plagiarism, duplicate publications, fabrication of data, citations manipulation, etc.), or ignoring correspondence in three months. The primary criteria for publication are scientific quality and biodiversity significance. **Uncorrected proofs** will be sent to the corresponding author by email as *.doc* or *.docx* files for checking and correcting of typographical errors. To avoid delay in publication, corrected proofs should be returned in 7 days. The accepted papers will be published online in a chronological order at any time, but printed in the early of each month (12 times).

A charge Starting on January 1, 2019, publishing costs waiver is granted to authors of graduate students from **Least Developed Countries**, who first publish the manuscript in this journal. However, other authors are charged USD 250 (IDR 3,500,000). Additional charges may be billed for language editing, USD 75-150 (IDR 1,000,000-2,000,000).

Reprints The sample journal reprint is only available by special request. Additional copies may be purchased when ordering by sending back the uncorrected proofs by email.

Manuscript preparation Manuscript is typed on A4 (210x297 mm²) paper size, in a single column, single space, 10-point (10 pt) Times New Roman font. The margin text is 3 cm from the top, 2 cm from the bottom, and 1.8 cm from the left and right. Smaller lettering size can be applied in presenting table and figure (9 pt). Word processing program or additional software can be used, however, it must be PC compatible and Microsoft Word based (*.doc* or *.rtf*, not *.docx*). **Scientific names** of species (incl. subspecies, variety, etc.) should be written in italic, except for italic sentence. Scientific name (genera, species, author), and cultivar or strain should be mentioned completely for the first time mentioning it in the body text, especially for taxonomic manuscripts. Name of genera can be shortened after first mentioning, except generating confusion. Name of the author can be eliminated after first mentioning. For example, *Rhizopus oryzae* L. UICC 524, hereinafter can be written as *R. oryzae* UICC 524. Using trivial name should be avoided, otherwise generating confusion. **Biochemical and chemical nomenclature** should follow the order of the IUPAC - IUB. For DNA sequence, it is better used Courier New font. Symbols of standard chemical and abbreviation of chemistry name can be applied for common and clear used, for example, completely written butilic hydroxyl toluene (BHT) to be BHT hereinafter. **Metric measurement** use IS denomination, usage other system should follow the value of equivalent with the denomination of IS first mentioning. Abbreviations set of, like g, mg, mL, etc. do not follow by dot. Minus index (m⁻², L⁻¹, h⁻¹) suggested to be used, except in things like "per-plant" or "per-plot". **Equation of mathematics** does not always can be written

down in one column with text, in that case can be written separately. **Number** one to ten are expressed with words, except if it relates to measurement, while values above them written in number, except in early sentence. The fraction should be expressed in decimal. In the text, it should be used "%" rather than "percent". Avoid expressing ideas with complicated sentence and verbiage, and used efficient and effective sentence.

Title of the article should be written in compact, clear, and informative sentence, preferably not more than 20 words. Name of author(s) should be completely written. **Name and institution** address should also be completely written with street name and number (location), postal code, telephone number, facsimile number, and email address. Manuscript written by a group, author for correspondence along with address is required. First page of the manuscript is used for writing above information.

Abstract should not be more than 200 words. **Keywords** is about five words, covering scientific and local name (if any), research theme, and special methods which used; and sorted from A to Z. All important **abbreviations** must be defined at their first mention. **Running title** is about five words. **Introduction** is about 400-600 words, covering the background and aims of the research. **Materials and Methods** should emphasize on the procedures and data analysis. **Results and Discussion** should be written as a series of connecting sentences, however, for manuscript with long discussion should be divided into subtitles. Thorough discussion represents the causal effect mainly explains for why and how the results of the research were taken place, and do not only re-express the mentioned results in the form of sentences. **Concluding** sentence should be given at the end of the discussion. **Acknowledgments** are expressed in a brief; all sources of institutional, private and corporate financial support for the work must be fully acknowledged, and any potential conflicts of interest are noted.

Figures and Tables of maximum of three pages should be clearly presented. Title of a picture is written down below the picture, while title of a table is written above the table. Colored figures can only be accepted if the information in the manuscript can lose without those images; chart is preferred to use black and white images. Author could consign any picture or photo for the front cover, although it does not print in the manuscript. All images property of others should be mentioned source. **There is no appendix**, all data or data analysis are incorporated into Results and Discussions. For broad data, it can be displayed on the website as a supplement.

References Author-year citations are required. In the text give the authors name followed by the year of publication and arrange from oldest to newest and from A to Z. In citing an article written by two authors, both of them should be mentioned, however, for three and more authors only the first author is mentioned followed by et al., for example: Saharjo and Nurhayati (2006) or (Boonkerd 2003a, b, c; Sugiyarto 2004; El-Bana and Nijis 2005; Balagadde et al. 2008; Webb et al. 2008). Extent citation as shown with word "cit" should be avoided. Reference to unpublished data and personal communication should not appear in the list but should be cited in the text only (e.g., Rifai MA 2007, pers. com. (personal communication); Setyawan AD 2007, unpublished data). In the reference list, the references should be listed in an alphabetical order (better, if only 20 for research papers). Names of journals should be abbreviated. Always use the standard abbreviation of a journal's name according to the **ISSN List of Title Word Abbreviations** (www.issn.org/2-22661-LTWA-online.php). The following examples are for guidance.

Journal:

Saharjo BH, Nurhayati AD. 2006. Domination and composition structure change at hemic peat natural regeneration following burning; a case study in Pelalawan, Riau Province. *Biodiversitas* 7: 154-158.

Book:

Rai MK, Carpinella C. 2006. Naturally Occurring Bioactive Compounds. Elsevier, Amsterdam.

Chapter in book:

Webb CO, Cannon CH, Davies SJ. 2008. Ecological organization, biogeography, and the phylogenetic structure of rainforest tree communities. In: Carson W, Schnitzer S (eds) *Tropical Forest Community Ecology*. Wiley-Blackwell, New York.

Abstract:

Assaeed AM. 2007. Seed production and dispersal of *Rhazya stricta*. 50th annual symposium of the International Association for Vegetation Science, Swansea, UK, 23-27 July 2007.

Proceeding:

Alikodra HS. 2000. Biodiversity for development of local autonomous government. In: Setyawan AD, Sutarno (eds.) *Toward Mount Lawu National Park; Proceeding of National Seminary and Workshop on Biodiversity Conservation to Protect and Save Germplasm in Java Island*. Universitas Sebelas Maret, Surakarta, 17-20 July 2000. [Indonesian]

Thesis, Dissertation:

Sugiyarto. 2004. Soil Macro-invertebrates Diversity and Inter-Cropping Plants Productivity in Agroforestry System based on Sengon. [Dissertation]. Universitas Brawijaya, Malang. [Indonesian]

Information from internet:

Balagadde FK, Song H, Ozaki J, Collins CH, Barnet M, Arnold FH, Quake SR, You L. 2008. A synthetic *Escherichia coli* predator-prey ecosystem. *Mol Syst Biol* 4: 187. www.molecularsystemsbiology.com

izium
BIODIVERSITAS
Journal of Biological Diversity
Volume 21 - Number 12 - December 2020

- Diversity patterns of plants and arthropods in soybean agroecosystems in the grassland biome of South Africa** 5559-5570
PAUL DUVEL JANSE VAN RENSBURG, STEFAN JOHN SIEBERT, TLOU MASEHELA, SURIA ELLIS, JOHNNIE VAN DEN BERG
- Liver metabolic activities of Pasundan Cattle induced by irradiated chitosan** 5571-5578
ANDI MUSHAWWIR, JOHAR ARIFIN, DARMAWAN DARWIS, TITA PUSPITASARI, DEWI SEKAR PENGERTENI, NUNUNG NURYANTHI, RONNIE PERMAN
- Diversity patterns of plants and arthropods in soybean agroecosystems in the grassland biome of South Africa** 5579-5594
PAUL DUVEL JANSE VAN RENSBURG, STEFAN JOHN SIEBERT, TLOU MASEHELA, SURIA ELLIS, JOHNNIE VAN DEN BERG
- Comparison of *Agathis philippinensis* resin tapping and collection practices in three selected sites in the Philippines** 5595-5604
VIVIAN C. DARACAN, ROSALIE C. MENDOZA, ALFIE M. TORRES, AILEEN A. JARA, RONNIEL D. MANALO, CHELLE HENNESSY R. BATALLONES, RAMON A. RAZAL
- Relationship between the biomass of reef shark and fish in South Morotai Waters, North Maluku, Indonesia** 5605-5613
AMBARIYANTO AMBARIYANTO, JIBRIEL FIRMAN SOFYAN, KEN SUWARTIMAH, ABDUL HAMID A. TOHA
- The abundance and diversity of grasshopper communities in relation to elevation and land use in Malang, Indonesia** 5614-5620
AMIN SETYO LEKSONO, BAGYO YANUWIADI, AMINUDIN AFANDHI, MOHAMMAD FARHAN, ANISA ZAIRINA
- Population density, geographical distribution and habitat of Talaud bear cuscus (*Ailurops melanotis* Thomas, 1898)** 5621-5631
TERRI REPI, BURHANUDDIN MASY'UD, ABDUL HARIS MUSTARI, LILIK BUDI PRASETYO
- Species diversity, abundance and damaged caused by rats in oil palm plantation in West and Central Sulawesi, Indonesia** 5632-5639
MUHAMMAD IKHSAN, SWASTIKO PRIYAMBODO, ALI NURMANSYAH, HENNY HENDARJANTI, BANDUNG SAHARI
- Flora of Danau Dusun Besar conservation forest in Bengkulu Province, Indonesia** 5640-5649
WIRYONO, ROHIDIN MERSYAH, MARISKA TARANTONA
- Selection of local swamp rice cultivars from Kalimantan (Indonesia) tolerant to iron stress during vegetative stage** 5650-5661
VINA NOVIANTI, DIDIK INDRADEWA, MARYANI, DIAH RACHMAWATI
- Multivariate analysis unravels genetic diversity and relationship between agronomic traits, protein, and dietary fiber in yardlong bean (*Vigna unguiculata* subsp. *sesquipedalis* Verdc.)** 5662-5671
MUHAMMAD HABIB WIDYAWAN, AULIA HASANAH, TARYONO, TAUFAN ALAM, RAHMI SRI SAYEKTI, ABRORY AGUS CAHYA PRAMANA, RANI AGUSTINA WULANDARI
- Identification of antagonistic *Streptomyces* strains isolated from Algerian Saharan soils and their plant growth promoting properties** 5672-5683
LAMIA AOUAR, INAS BOUKELLOUL, ABDERRAHMANE BENADJILA

Isolation of lupeol from <i>Grewia lasiocarpa</i> stem bark: Antibacterial, antioxidant, and cytotoxicity activities	5684-5690
NNEKA AKWU, YOUNGASPHREE NAIDOO, MOGANAVELLI SINGH, SADASHIVA CHANNANGIHALLI THIMMEGOWDA, NIRASHA NUNDKUMAR, JOHNSON LIN	
Biological parameters of <i>Luciobarbus callensis</i> populates Beni-Haroun dam, north-eastern of Algeria	5691-5697
BERROUK HOUDA, SAHTOUT FATIHA, BOUALLEG CHAHINEZ	
Evaluation of yield and pest and disease resistance of cocoa clones in Kolaka District, Southeast Sulawesi, Indonesia	5698-5607
RUBIYO, Y.A. DEWI, IMRAN, AGUS SALIM, BAHARUDIN, CHANDRA INDRAWANTO, M.T. RATULE	
<i>Wolbachia</i> infection prevalence as common insects' endosymbiont in the rural area of Yogyakarta, Indonesia	5608-5614
DIAN ARUNI KUMALAWATI, ENDAH SUPRIYATI, MIFTA PRATIWI RACHMAN, RISKY OKTRIANI, IRIANTI KURNIASARI, DAMIANA SAPTA CANDRASARI, LISNA HIDAYATI, ANASTASIA EVI HANDAYANINGSIH, VIERA CRISTALIA PROBOWATI, BUDI ARIANTO, DWI Satria Wardana, NIDA BUDIWATI PRAMUKO, ADI UTARINI, WARSITO TANTOWIJOYO, EGGI ARGUNI	
Short Communication: Two newly recorded species of Agaricales (Basidiomycota) from Banggai Archipelago, Sulawesi, Indonesia	5615-5621
ATIK RETNOWATI, ANNE KUSUMAWATY, ISMAIL APANDI, AGUS HARYADI	
Biomass yield and growth allometry of some crops growing under weed stress	5621-5629
SAIRA QADIR, AFSHEEN KHAN, IRUM SALAM	
Genetic variability in the A microsatellite at <i>SLC11A1</i> gene and possible implications with innate resistance against brucellosis in Algerian native goats	5630-5636
HOSSEM SAHRAOUI, TOUFIK MADANI, KHALED FANTAZI, ASMA CHAOUCH KHOUANE, ABDELKADER AMEUR AMEUR, PIETRO PASCHINO, GIUSEPPE MASSIMO VACCA, SAMIR BACHIR SUHEIL GAOUAR, MARIA LUISA DETTORI	
Genotypic variability and relationships of <i>Sorghum bicolor</i> accessions from Java Island, Indonesia based on IRAP markers	5637-5643
IKA NUGRAHENI ARI MARTIWI, LAURENTIUS HARTANTO NUGROHO, BUDI SETIADI DARYONO, RATNA SUSANDARINI	
Anticancer potential of methanolic extracts from <i>Pleurotus</i> species on raji cells and antibacterial activity against Methicillin Resistant <i>Staphylococcus aureus</i>	5644-5649
MUHAMMAD EVY PRASTIYANTO, RIZAL MAARIF RUKMANA, DEWI KUNTHY SARASWATI, SRI DARMAWATI, ENDANG TRI WAHYUNI MAHARANI, YANUARITA TURSINAWATI	
Advancing traceability using DNA sequence on seafood product: fraudulence in shrimp crackers	5650-5656
MALA NURILMALA, YOGHI AJITAMA, AGOES M JACOEBO, AFKAR RONA INDARWATI, RONI NUGRAHA	
Carbon stock estimation of mangrove forest in Sulaman Lake Forest Reserve, Sabah, Malaysia	5657-5664
NURUL SYAKILAH SUHAILI, JIM LIEW JUN FEI, FAUZAN WAJDI SHA'ARI, MUHAMMAD IZZUDDIN IDRIS, SYAHRIR MHD HATTA, JULIUS KODOH, NORMAH AWANG BESAR	
Exploring of promising bacteria from the rhizosphere of maize, cocoa and lamtoro	5665-5673
SUKMAWATI, AMBO ALA, BAHARUDDIN PATANDJENGI, SIKSTUS GUSLI	
Potential secondary metabolite biosynthetic gene clusters and antibacterial activity of novel taxa <i>Gandjariella</i>	5674-5684
FITRIA NINGSIH, DHIAN CHITRA AYU FITRIA SARI, SHUHEI YABE, AKIRA YOKOTA, WELLYZAR SJAMSURIDZAL	

An assessment of the reproduction, predation, and nesting behavior of Sulawesi Masked-owl (<i>Tyto rosenbergii</i>) in oil palm plantation: A case study of West and Central Sulawesi	5685-5689
ADE NENDI MULYANA, SWASTIKO PRIYAMBODO, HERMANU TRIWIDODO, HENNY HENDARJANTI, BANDUNG SAHARI	
Phylogeographic and molecular characterization of Pronghorn spiny lobster (<i>Panulirus penicillatus</i> Olivier, 1791) in the Southern Coast of Java and Lombok, Indonesia	5690-5696
IRWANI, DIAH PERMATA WIJAYANTI, ANINDIA WIRA SATRIA, AGUS SABDONO,	
The predator-prey model on squids and anchovies fisheries in Jepara District, Central Java, Indonesia	5697-5702
DIAN WIJAYANTO, AZIS N BAMBANG, FAIK KUROHMAN	
Nutritional potential of selected species of <i>Arisaema</i> Mart. from Nepal	5703-5709
LAXMI DHAKAL, BIVA ARYAL, GIRI PRASAD JOSHI, DEEPAK RAJ PANT	
The potential of <i>Asystasia intrusa</i> weed of Acanthaceae family as a cover crop in oil palm plantations	5710-5717
HALUS SATRIAWAN, ZHRUL FUADY, ERNAWITA	
Cryopreservation of Indonesian native chicken semen by using dimethyl sulfoxide and various level of ethylene glycol as cryoprotectants	5718-5722
KHAERUDDIN, JUNAEDI, HASTUTI2	
Short Communication: Antibacterial potential of Actinomycetes isolated from mangrove sediment in Tanjung Api-Api, South Sumatra, Indonesia	5723-5728
ROZIRWAN, HEBBRI ISKANDAR MUDA, TENGGU ZIA ULQODRY	
Diversity, density and distribution of termites in housing complexes in Purwokerto, Central Java, Indonesia	5729-5735
HERY PRATIKNYO, TRISNO HARYANTO, DWI NURCAHYO APRIYANTO	
Pollen morphology and infrageneric classification of selected <i>Callicarpa</i> species (Lamiaceae) from the Philippines and Borneo	5736-5746
JENNIFER S. DANILA, GRECEBIO JONATHAN D. ALEJANDRO	
Yield performance of several peanut cultivars grown in dryland with semi-arid climate in Sumba Timur, Indonesia	5747-5757
AGUSTINA ASRI RAHMIANN, ANDY WIJANARKO, JOKO PURNOMO, YULIANTORO BALIADI	
Short Communication: Relationship between interferon-tau level (IFN- τ) and embryo mortality incident in Aceh cattle	5758-5762
TONGKU NIZWAN SIREGAR, JULI MELIA, LUTHFY ALFAHMI, HUSNURRIZAL, HENDRA SAUMAR, MUKHTAR, NELLITA MEUTIA, BUDIANTO PANJAITAN, TEUKU ARMANSYAH	
A field test on the palatability of the subterranean termites to pine wood with various treatments	5763-5771
ARINANA, AHMAD RIDHO FANNANI, DODI NANDIKA, NOOR FARIKHAH HANEDA	
A revised checklist of mosquitoes Genus <i>Coquillettidia</i> Dyar, 1905 (Diptera: Culicidae) from Indonesia with key to species	5772-5777
SIDIQ SETYO NUGROHO, MUJIYONO, FAHMAY DWI AYUNINGRUM, RIYANI SETIYANINGSIH, UPIEK NGESTI WIBAWANING ASTUTI	
Genetic variability of <i>Begonia longifolia</i> Blume from Indonesia based on Nuclear DNA internal transcribed spacer (ITS) sequence data	5778-5785
WAHYU DEWI ASTUTI NINGRUM, MUHAMMAD BIMA ATMAJA, BUDI SETIADI DARYONO, PURNOMO	
Organic control of <i>Bemisia tabaci</i> Genn. on <i>Capsicum annum</i> with entomopathogenic fungi raw secondary metabolites	5786-5791
LOEKAS SOESANTO, BISIRIL FATIHAH, ABDUL MANAN, ENDANG MUGIASTUTI, NUR PRIHATININGSIH	

The detection of plantaricin-encoding genes and their amino acid profiles in <i>Lactobacillus plantarum</i> AKK30 isolated from Indonesian native chicken ELISABETH LOVIAN ULI BASA, ABINAWANTO, A. SOPHIAN, H. JULENDRA, A. SOFYAN	5792-5799
Short Communication: Species composition and growth performance of mangrove forest at the coast of Tanah Merah, East Nusa Tenggara, Indonesia RONGGO SADONO, DJOKO SOEPRIJADI, ARI SUSANTI, PANDU YUDHA ADI PUTRA WIRABUANA JERIELS MATATULA	5800-5804
Short Communication: MADS-box genes expression in seedlings of <i>Elaeis guineensis</i> Jacq. resistance to <i>Ganoderma boninense</i> RAHMAH HAYATI, LISNAWITA, ERMAN MUNIR, MOHAMMAD BASYUNI	5805-5810
Freshwater fish diversity in three tributary streams in Serayu Basin, Central Java, Indonesia SUHESTRI SURYANINGSIH, DIAN BHAGAWATI, SRI SUKMANINGRUM, SUGIHARTO, I.G.A. AYU RATNA PUSPITASARI	5811-5817
Short Communication: Leptospirosis control based on eco-social factors: Modeling combination in Demak, Central Java, Indonesia RR. ANGGUN PARAMITA DJATI, HARYOTO KUSNOPUTRANTO, SUYUD WARNO UTOMO, MATEUS SAKUNDARNO, PANDJI WIBAWA DEWABRATA, HABIBURRACHMAN ALFIAN HOUZAERI FUAD, MOCHAMMAD ARIEF WICAKSONO	5818-5828
Development and regeneration of somatic embryos from leaves-derived calli of <i>Coffea liberica</i> FITRIA ARDIYANI, EDY SETITI WIDA UTAMI, HERY PURNOBASUKI, SENJA APRILIA PARAMITA	5829-5834
Inflorescence morphology and development of suweg (<i>Amorphophallus paeoniifolius</i> (Dennst.) Nicolson) TRI HANDAYANI, YUZAMMI, JULISASI TRI HADIAH	5835-5844
Short Communication: Comparing the growth of stem explants between <i>Citrus reticulata</i> var. Tawangmangu and <i>C. reticulata</i> var. Garut using in vitro culture methods ERMA PRIHASTANTI, ENDAH D. HASTUTI, SRI WIDODO AGUNG SUEDY	5845-5849
The dynamics of Arthropod diversity and abundance in rice field ecosystem in Central Lombok, Indonesia RUTH STELLA PETRUNELLA THEI, ABDUL LATIEF ABADI, GATOT MUDJIONO, DIDIK SUPRAYOGO	5850-5857
<i>Euthynnus affinis</i> viscera-an alternative source for protease and lipase enzymes: Characteristic and potential application as destainer agent VIVI MARDINA, TISNA HARMAWAN, FITRIANI, ELLY SUFRIADI, FEBRIANI, FARIDAH YUSOF	5858-5864
Compounds detection and inhibition activity of chloroform and ethyl acetate extracts of <i>Schizophyllum commune</i> on some cancer cell types NURAENI EKOWATI, ARIS MUMPUNI, NUNIEK INA RATNANINGTYAS, ARDHINI RIN MAHARNING	5865-5871
Characterization of <i>Arthrospira platensis</i> cultured in wastewater of Clarias catfish farming media: DNA barcode, helical form, growth, and phycocyanin MARINI WIJAYANTI, M. SYAIFUDIN, YULISMAN, YULLY NURIANTI, ANITA HIDAYANI, NUNI GOFAR	5872-5883
Diversity of mollusks (bivalves and gastropods) in degraded mangrove ecosystems of Kolaka District, Southeast Sulawesi, Indonesia LA ODE ABDUL FAJAR HASIDU, JAMILI, GABY NANDA KHARISMA, ARIF PRASETYA, MAHARANI, RISKA, LA ODE ADI PARMAN RUDIA, AKHMAD FADLI IBRAHIM, AZHAR ARAS MUBARAK, LA ODE MUHSafaat, LUTHFI ANZANI	5884-5892

Anthocyanin profile of <i>Syzygium oleana</i> young leaves and fruits using triple quadrupole mass spectrometer: Identification of a new peonidin TUTY ANGGRAINI, DAIMON SYUKRI, THAMMAWONG MANASIKAN, KOHEI NAKANO	5893-5900
Short Communication: Detection and expression analysis of the bile salt hydrolase gene in <i>Pediococcus</i> and <i>Lactobacillus</i> WIDODO, YANA NURATRI, ARI SURYA SUKARNO, TUTIK DWI AHYUNINGSIH	5901-5905
Phytoplankton biodiversity trends in nanobubble aerated shrimp farming at Probolinggo coast, East Java, Indonesia NOVERITA DIAN TAKARINA, SUYUD WARNO UTOMO, LILY SUSANTI, NURUL TAUFUQU ROCHMAN, DEDI CAHYADI, HARDI JUNAEDI, HENRY KASMAN HADI SAPUTRA, RIZKI NUGRAHA SAPUTRA	5906-5914
Home range, movement and habitat selection of dholes (<i>Cuon alpinus</i>) in Khao Yai National Park, Thailand RONGLARP SUKMASUANG, WARONG SUKSAVATE, NUCHARIN SONGSASEN, NORASET KHIOWSREE, KHWANRUTAI CHARASPET, MANANYA PLA-ARD, YUWALUK CHANACHAI, WARISARA THOMAS, KHANCHIT SRINOPAWAN	5915-5926
Review: Winged bean (<i>Psophocarpus tetragonolobus</i>) cropping systems GRAHAM E. EAGLETON	5927-5946
Genetic variability of lemon basil (<i>Ocimum × africanum</i> Lour.) from Indonesia based on morphological characters and ISSR markers KURNIA MAKMUR, TATIK CHIKMAWATI, SOBIR	5948-5953
Tangible economic value of non-timber forest products from peat swamp forest in Kampar, Indonesia BINTANG C.H. SIMANGUNSONG, ELISA G.T. MANURUNG, ELIAS ELIAS, MANUNTUN P. HUTAGAOL, JUSUPTA TARIGAN, SIGIT B. PRABAWA	5954-5960
