

BIODIVERSITAS

Journal of Biological Diversity
Volume 12 – Number 3 – July 2011

FIRST PUBLISHED:
2000

ISSN:
1412-033X (printed edition)
2085-4722 (electronic)

EDITORIAL BOARD (COMMUNICATING EDITORS):

Abdel Fattah N.A. Rabou (Palestine), **Dato A. Latiff Mohamad** (Malaysia), **Alan J. Lymbery** (Australia), **Ali Saad Mohamed** (Sudan), **Bambang H. Saharjo** (Indonesia), **Charles H. Cannon Jr.** (USA), **Edi Rudi** (Indonesia), **Guofan Shao** (USA), **Hassan Pourbabaie** (Iran), **Hwan Su Yoon** (USA), **Jamaluddin** (India), **Joko R. Witono** (Indonesia), **Katsuhiko Kondo** (Japan), **Livia Wanntorp** (Sweden), **Mahendra K. Rai** (India), **María La Torre Cuadros** (Peru), **Mariela A. Marinoff** (Argentine), **Mochamad A. Soendjoto** (Indonesia), **Salvador Carranza** (Spain), **Shahabuddin** (Indonesia), **Sonia Malik** (Brazil), **Sugiyarto** (Indonesia), **Thaweesakdi Boonkerd** (Thailand)

EDITOR-IN-CHIEF:
S u t a r n o

EDITORIAL MEMBERS:

English Literary Editor: **I Made Sudiana** (sudianai@yahoo.com)
Technical Editor & Banking: **Solichatun** (solichatun_s@yahoo.com)
Distribution & Marketing: **Rita Rakhmawati** (oktia@yahoo.com)
Webmaster: **Ari Pitoyo** (aripitoyo@yahoo.com)

MANAGING EDITORS:
Ahmad Dwi Setyawan (unsjournals@gmail.com)

PUBLISHER:

Department of Biology, Faculty of Mathematics and Natural Sciences, Sebelas Maret University, Surakarta and
The Society for Indonesian Biodiversity

ADDRESS:

Jl. Ir. Sutami 36A Surakarta 57126. Tel. +62-271-7994097, Tel. & Fax.: +62-271-663375, Email: unsjournals@yahoo.com

BANKING:

Solichatun, BNI KC Sebelas Maret, Acc. No. 0033691646

ONLINE:

www.unsjournals.com

ACCREDITED BY DECREE OF THE DIRECTORATE GENERAL OF HIGHER EDUCATION, THE MINISTRY OF NATIONAL EDUCATION, REPUBLIC OF INDONESIA No. 65a/DIKTI/Kep/2008 (valid until October 2011)

.....

EXPERTISE AND CORRESPONDING EMAIL OF THE COMMUNICATING EDITORS:

GENETIC DIVERSITY: **Alan J. Lymbery** (a.lymbery@murdoch.edu.au), **Hwan Su Yoon** (hsyoon@bigelow.org), **Mahendra K. Rai** (pmkrai@hotmail.com), **Salvador Carranza** (salvicarranza@gmail.com), **Sonia Malik** (sonia.unicamp@gmail.com). **SPECIES DIVERSITY:** **Dato A. Latiff Mohamad** (latiff@ukm.my), **Joko R. Witono** (jrwitono@yahoo.com), **Katsuhiko Kondo** (k3kondo@nodai.ac.jp), **Livia Wanntorp** (livia.wanntorp@nrm.se), **Thaweesakdi Boonkerd** (Thaweesakdi.B@chula.ac.th). **ECOSYSTEM DIVERSITY:** **Abdel Fattah N.A. Rabou** (arabou@iugaza.edu), **Ali Saad Mohamed** (alisaad48@yahoo.com), **Bambang H. Saharjo** (bhsaharjo@gmail.com), **Charles H. Cannon Jr.** (chuck@xtbg.ac.cn), **Edi Rudi** (edirudi@yahoo.com), **Guofan Shao** (shao@purdue.edu), **Hassan Pourbabaie** (hassan_pourbabaie@yahoo.com), **Jamaluddin** (jamaluddin_125@hotmail.com), **Mochamad A. Soendjoto** (masoendjoto@gmail.com), **Shahabuddin** (shahabsaleh@gmail.com), **Sugiyarto** (sugiyarto_ys@yahoo.com). **ETHNOBIOLOGY:** **María La Torre Cuadros** (angeleslatorre@lamolina.edu.pe), **Mariela A. Marinoff** (marinoff@fai.unne.edu.ar).

GUIDANCE FOR AUTHORS

BIODIVERSITAS, the *Journal of Biological Diversity* publishes scientific articles, i.e. original research and review in all biodiversity aspects of plants, animals and microbes at the level of gene, species, and ecosystem. Scientific feedback (short communication) is only received for manuscript, which criticize published article before. Manuscripts will be reviewed by managing editor and invited peer review according to their disciplines. The only articles written in English (U.S. English) are accepted for publication. This journal periodically publishes in January, April, July, and October. In order to support reduction of global warming as a consequence of transportation vehicles emission and forest degradation for paper manufacturing, management of the journal prefer receiving manuscripts via e-mail rather than in hard copy. Manuscript and its communications can be addressed to the managing editor; better to forward to one of the communicating editor for accelerating evaluation. A letter of statement expressing that the author (s) is responsible for the original content of manuscript, the result of author(s)'s research and never been published must be attached.

Manuscript is typed at one side of white paper of A4 (210x297 mm²) size, in a single column, double space, 12-point Times New Roman font, with 2 cm distance step aside in all side. Smaller letter size and space can be applied in presenting table. Word processing program or additional software can be used, however, it must be PC compatible and Microsoft Word based. Names of sub-species until phylum should be written in italic, except for italic sentence. Scientific name (genera, species, author), and cultivar or strain should be mentioned completely at the first time mentioning it, especially for taxonomic manuscripts. Name of genera can be shortened after first mentioning, except generating confusion. Name of 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. Mentioning of scientific name completely can be repeated at Materials and Methods. **Biochemical and chemical nomenclature** should follow the order of IUPAC-IUB, while its translation to Indonesian-English refers to *Glossarium Istilah Asing-Indonesia* (2006). 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 hydroxytoluene 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. Abbreviation 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, for 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. Fraction should be expressed in decimal. In text, it should be used "%" rather than "gratuity". Avoid expressing idea with complicated sentence and verbiage, and used efficient and effective sentence. Manuscript of original research should be written in no more than 25 pages (including tables and picture), each page contain 700-800 word, or proportional with article in this publication number. Invited review articles will be accommodated.

Title of article should be written in compact, clear, and informative sentence preferably not more than 20 words. Name of author(s) should be completely written. **Running title** is about five words. **Name and institution** address should be also completely written with street name and number (location), zip code, telephone number, facsimile number, and e-mail 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, written in English. **Keywords** is about five words, covering scientific and local name (if any), research theme, and special methods which used. **Introduction** is about 400-600 words, covering 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 sub titles. 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 preferably be given at the end of the discussion. **Acknowledgments** are expressed in a brief.

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 in the above the table. Colored picture and photo can be accepted if information in manuscript can lose without those images. Photos

and pictures are preferably presented in a digital file. JPEG format should be sent in the final (accepted) article. Author could consign any picture or photo for front cover, although it does not print in the manuscript. **There is no appendix**, all data or data analysis are incorporated into Results and Discussions. For broad data, it can be displayed in website as Supplement.

Citation in manuscript is written in "name and year" system; and is arranged from oldest to newest and from A to Z. The sentence sourced from many authors, should be structured based on the year of recently. In citing an article written by two authors, both of them should be mentioned, however, for three and more authors only the family (last) name of 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 Nijs 2005; Balagadde et al. 2008; Webb et al. 2008). Extent citation as shown with word "cit" should be avoided, and suggested to refer an original reference.

APA style in double space is used in the journal reference as follow:

Journal:

Carranza S, Arnold EN (2006) Systematics, biogeography and evolution of *Hemidactylus* geckos (Reptilia: Gekkonidae) elucidated using mitochondrial DNA sequences. *Mol Phylogenet Evol* 38: 531-545.

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*. Sebelas Maret University, 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]. Brawijaya University, 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

Publication manuscript "in press" can be cited and mentioned in reference (bibliography); "personal communications" can be cited, but cannot be mentioned in reference. Research which not be published or "submitted" cannot be cited.

Some annotation. Manuscript typed without sign link (-) (except repeated word in Indonesian). Usage of letter "I" (el) to "1" (one) or "O" (oh) to "0" (null) should be avoided. Symbols of α , β , χ , etc. included through facility of insert, non altering letter type. No space between words and punctuation mark.

Progress of manuscript. Notification of manuscript whether it is accepted or refused will be notified in about three months since the manuscript received. Manuscript is refused if the content does not in line with the journal mission, low quality, inappropriate format, complicated language style, dishonesty of research authenticity, or no answer of correspondence in a certain period. Author or first authors at a group manuscript will get one original copy of journal containing manuscript submitted not more than a month after publication. Offprint or reprint is only available with special request.

NOTE: Author(s) agree to transfer copy right of published paper to *BIODIVERSITAS, Journal of Biological Diversity*. Authors shall no longer be allowed to publish manuscript completely without publisher permission. Authors or others allowed multiplying article in this journal as long as not for commercial purposes. For the new invention, authors suggested to manage its patent before publishing in this journal.

NOTIFICATION: All communications are strongly recommended to be undertaken through email.