

## INSTRUCTION TO AUTHORS

JOURNAL OF BIOLOGICAL RESEARCHERS (formerly BERKALA PENELITIAN HAYATI) is a peer-reviewed, open access journal, published by Indonesia Biological Association, East Java, Indonesia. It publishes articles and short communications in biological field such as botany, zoology, ecology, microbiology, physiology, nano biology, coastal biology, hydrobiology, neurobiology, genetics, developmental biology, biochemistry and molecular biology, biophysics and life science.

Authors are encouraged to submit complete unpublished and original works, which are not under review in any other journals.

Manuscripts should be written and will be published in English. Journal of Biological Researchers Berkala Penelitian Hayati is currently distributed in several reputable libraries in Indonesia.

Authors should refer to the instructions below to prepare their manuscripts. One of the editors and at least two reviewers will review the submissions. Authors may suggest names of potential reviewers. Journal of Biological Researchers Berkala Penelitian Hayati uses anonymous reviewing, in which the identities of authors and reviewers are kept confidential.

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Send the manuscript in a Microsoft Word file by **online submission** system at:  
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## TYPE OF MANUSCRIPT

**Original Article** present original and important major advance in bioscience having wide research scheme and deep discussion of the findings. Structure of the article consists of **Abstract, Introduction, Methods, Results, Discussion, and References** (see Manuscript Format in details). The article should be typed in paper length of 15 pages or 3000–4500 words.

**Review Article** is expected to present an original and review of major advance in bioscience with wide research scheme and deep discussion of the findings. Structure of the article consists of **Abstract, Introduction, Contents, and References** (see Manuscript Format in details). The article should be typed in paper length of 15 pages or 3000 – 4500 words.

**Short Communication** is based on the urgency, research scope and/or depth of discussion, Journal of Biological Researchers Berkala Penelitian Hayati will publish an article as a short communication. The short communication (~ 1500 words) receives the same in-depth review as the full article.

## MANUSCRIPT FORMATTING GUIDE

- 1 Please provide the manuscript with no authors identity.
- 2 Manuscript is written in 12 point Times New Roman font **double space** in A4 paper. Margins on all four sides are 2 cm with **left alignment** and do not split it into double-coloumns (**should be single-coloumn**).
- 3 Page numbers are located at the right bottom.
- 4 Use Line numbers. In Microsoft Word program, to add the line numbers, go to the "**Layout**" menu in the "**Page Setup**" main menu. Click Line Numbers, make a tick in "**Add line numbering**" and choose "**Continuous**" option.
- 5 **Figures** and **Tables** are uploaded separately in other file. Provide figure in jpeg/jpg and compile in pdf format, while tables are provided and compiled in Ms. Excel.

### Manuscript sections are written in this order ie.:

- 1 Title
- 2 Abstract
- 3 Key words
- 4 Introduction
- 5 Methods
- 6 Results
- 7 Discussion
- 8 Acknowledgement
- 9 References

## Human and Animal Rights

If the research involves the use of human subjects, the author should ensure that the research described has been carried out in accordance with The code of ethics of world medical association. Authors should include a statement in the manuscript that explained consent was obtained for experimentation in human and it must always be observed. Every animal experiments sould comply with the ARRIVE guidelines and should be carried out with accordance with Scientific Procedures.

## DETAIL OF MANUSCRIPT SECTIONS

**\*Title Page** is provided in separated documents either in Ms. Word or pdf format. It consists of authors' full name (no abbreviation), e-mail address and affiliation (full address with postcode).

**\*Cover Letter** is sent by email after submission. It contains an introduction stating the title of the manuscript, the reason of the study is important and relevant to Journal of Biological Researchers Berkala Penelitian Hayati field, major experimental results and overall findings, short conclusion, statement explains that the manuscript has not been published and is not under consideration for publication in any other journal, and statement that all authors approved the manuscript and its submission to the journal.

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**Title** consists no more than 20 words. Authors have to give a running title (maximum of 50 characters includes spaces) which is short title used as page header.

**Abstract.** Abstract is around 150-250 words without references and numbers, abbreviation, acronym or measurement unless essential. Abstract should commence with clear introduction of two or three sentences mentioning the research background. Subsequently, state the general problem of the research. Results are the main findings that directly answer the research problem(s). One or two sentence(s) discuss the finding(s) or prospective(s). Editor has the right to edit the Abstract for reason of clarity.

**Key Words.** Maximum 6 words and written in alphabet order.

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**INTRODUCTION.** Write down the research background and mention the previous studies that had been done. State the problem(s) that are needed to be answered through your work. Give a short description (local and scientific name) about the organism of interest.

**METHODS.** The method section need to be brief and detailed enough to allow reviewers to answer some or all of the following questions: (i) Is the study an experimental or an exploration? (ii) Are the methods described in sufficient detail so that the study can be replicated? (iii) If your research uses the previous researcher method, please describe briefly that method. If you make any modification, describe the modified part (iv) Name the number of the samples, give courtesy to whom you obtain the samples (v) State seasonal variation of the habitat (if applicable) or date of sampling (vi) Human materials should be collected in conformation to standard ethics and got with informed consent, provide the department that approved your ethical clearance for the research.

**RESULTS.** Results are written separately with discussion. All data given in Result should be stated in the tables, graph, or figures. See Figures and Tables criteria below. State the obtained results based on methods. Do not present the same data in both table and graph format. Do not state references in Result section. Means should be given standard deviation.

**DISCUSSION.** Discuss your data by comparing with current related reports. Highlight the similarities, as well as the differences and the uniqueness of your findings. Explain why your result(s) is coming to be. End the discussion by giving a conclusion and future research in that particular topic.

**ACKNOWLEDGEMENT.** State the grant source (Institution, year of the contract) and the person to whom the grant was given. Name the person(s) that help your work.

**REFERENCES.** References only list the published or accepted materials for publication. It should be at least 80% primary references (journal articles). Accepted article(s) but not yet published should be sent as manuscript appendix. Website, personal communications, unpublished data should be incorporated in the text in parentheses. Example: ... The deduced amino acid sequence of the gene was compared for homology with BLAST search (<http://www.ncbi.nlm.nih.gov/blast>). Personal communication need to be written with the initials surname of the source accompanied with the year of the statement, e.g., (Takahashi 2007, personal communication). Authors should provide proof(s) of the communication.

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(Monteiro & Pierce 2001; Morinaka *et al.* 2002; Rubinoff & Sperling 2002). If the references have the same year, place them alphabetically. For works by the same author(s) in the same year, append a lowercase a, b, c, etc. to the year of publication. The reference list should follow these styles:

#### Journal article

Author AB, Author CD, Author EF. 2001. Title of article. *Journal* 60:128-132.

Example: Bagnara JT., and Fernandes PJ., 1993. Hormonal Influences on the Development of Amphibian Pigmentation patterns. *Zoological Science* 10: 733-748.

#### Book

Author GH, Author IJ. 2006. Title of Book. City of publication: Publisher's name.

Example: Brown TA., 1993. *Genetics a Molecular Approach*, 2<sup>nd</sup> ed. Chapman & Hall, London, 270,302-303.

#### Chapter in a book

Author KL, Author MN. 1999. Title of a chapter: a subtitle. In: Editor MN, Editor OP (eds). *Title of Book*. 2nd ed. City of publication: Publisher's name. p 200-235.

Example: Templeton AR., 1989. The Meaning of Species and Speciation; A Genetics Perspective dalam Otte D., dan Endler, JA. (Ed.) *Speciation and its Consequences*. Sinauer Associates, Inc., Sunderland. 1-27.

#### Thesis or Dissertation

Author MN. 2002. Title [Dissertation]. Location of university: Name of university.

Example: Widayanti KA. 2006. Color perception of L4M5 gene carrier female *Macaca fascicularis* [Thesis]. Bogor: Bogor Agricultural Univ.

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**STATISTICAL GRAPHS.** Give standard deviation to every mean value. Authors that used Microsoft Excel Program need to give the raw data.

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Proofs will be sent by Fax/E-mail to the correspondence author and are expected to proofread the article carefully. The corrected proof should be received by the administration within two working days.

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Author should submit only entirely original works and experiments, also appropriately cite or quote the work and/or words of others. Publications that have been influential in determining the nature of the reported work should be cited.

### Multiple and Redundant Publication

Generally, manuscripts described essentially the same research and experiment should not published in more than one journal publisher. Submitting one manuscript to more than one journal constitutes unethical publishing behavior and is unacceptable.

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6. Tables and figures legend file

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