

Aquaculture Science

(formerly SUISANZOSHOKU)

Guide for Authors

Aquaculture Science is a domestic journal devoted to research on fisheries from freshwater, brackish and marine environments, related directly or indirectly to human consumption. Manuscript should be written either in English or Japanese. Authors who are unsure of correct English usage should have their manuscript checked by someone proficient in the language. Every page of the manuscript, including the title page, references, tables, etc. should be numbered sequentially in the upper right-hand corner.

Submission

Submission of an article is understood to imply that the article is original and unpublished and is not being considered for publication elsewhere. Submission also implies that all authors have approved the paper for release and are in agreement with its content. One original and two copies of each manuscript should be submitted to-

Aquaculture Science

c/o. Institute for East China Sea Research,

Nagasaki University

1551-7 Taira-machi, Nagasaki 851-2213,

Japan.

Types of contribution

1. Original Research Papers (Regular Papers)

It should report the results of original research. The material should not have been previously published elsewhere, except in a preliminary form.

Manuscript in general should be organized in the following order: Title, Author(s) name(s), Abstract, Key words, Text (Introduction, Materials and Methods, Results, Discussion), Acknowledgements, References, Japanese title, Abstract in Japanese, Figures, and Tables. Title and Abstract in Japanese should be in one page. Do not use a heading for Introduction section; however, headings are required for Materials and Methods, Results and Discussion sections. Figure captions, figures and tables should be given in separate pages. Affiliation and address of corresponding authors should be written in first page.

2. Short communications

The short paper should follow the same pattern as the Regular paper; however, headings for Introduction, Materials and Methods, Results and Discussion are not required. Paper title, affiliation, and address(es) should be given in the first page.

3. Technical Notes

It should follow the same pattern as the Regular paper.

Preparation of Manuscript

Aquaculture Science prefers articles submitted in word processing packages, typescript should be on one side of A4 paper, double-spaced throughout the manuscript and with 30 mm margins.

Title of manuscript

It should be simple, concise and without sub-title. If the paper represents a part of a series of studies with a common title, only the title for the present manuscript should be given and the common title should be given as footnote (if necessary).

Type the title of the paper on the top of the page, centered, in capital and lower case letters

Author(s)

Type the author(s) name below the title. Some examples are given below.

For two authors: Takeshi (Given name) FUJIMOTO (Family name) and Masashi TAKEDA

For three or more authors: Ryoji HAYAMA, Masashi YAMASHITA, ·····, Kentaro TANAKA and Takeshi HAMADA

Affiliation

Affiliation and address(es) should be given as footnote. In papers written by authors at different addresses, include superscript number after the name of authors and provide the full present address as a footnote. Address should not be abbreviated.

Running Title

Each manuscript should have a short running title of not more than 50 characters, including spaces. Running title should not be placed in the first page. It should be given in the specified form required to submit a paper in *Aquaculture Science* (available at the end of each issue).

Key words

Provide key words (not more than four) for indexing purposes. Species name should be given at first. The first character of each key word should be capital and the key words should be separated by semicolon.

Abstract

Type the heading 'Abstract' at the top of the page without indentation and start the text immediately after heading. Abstract must be one paragraph. Do not cite references nor put figures and tables in the Abstract.

Abstract should be clear, descriptive and concise (not more than 200 words for regular paper and 100 words for short paper). It should include why you did the study, how you did it, the results of the study, and what the results mean or the significance of the results.

Text (from Introduction to Acknowledgements)

- Use indentation at the beginning of each paragraph.
- This section should begin with an Introduction that concisely establishes the purpose and importance of the work. Do not use a heading for Introduction section.
- Subsequent sections in the text should include centered headings in capital and lower case letters with bold face. Typical main headings are Materials and Methods, Results, Discussion, and Acknowledgements.
- Second level of headings (if required) should be in capital and lower case without bold face. It should be italic without indentation.
- Use "Figure" only to start a sentence; otherwise use "Fig." or "Figs." (e.g., Fig. 1; Figs. 1, 2). Spell out "Table" in all usages.
- Acknowledgements should contain only those people and institutions or financial grant that contributed directly to the research or manuscript quality.

References

All publications cited in the text should be presented in a list of references following the text of the manuscript. Heading should be centered. Verify all entries against citations in the text. Verify the accuracy of all entries against the original sources, especially journal titles, authors, pages, and spelling. Start the first line of each entry at the left margin and indent other lines. References should be arranged first alphabetically and then chronologically. Use the following system for arranging your references:

a) For journal

Journal name should be abbreviated; however, full journal name should be provided in cases where abbreviation makes it difficult to understand the journal name. For example:

Wolters, W. R., G. S. Libey and C. L. Crisman (1975) Effect of triploidy on growth and gonad development of channel catfish. *J. Fish. Res. Board Can.*, **32**, 341-346.

Igarashi, M. (1989) Effect of oxolinic acid on fecal microflora of goldfish. *Nippon Suisan Gakkaishi*, **63**, 345-350 (in Japanese).

b) For book

When a full book is cited, the last page number should be provided (for example: 250 pp.). However, a range of pages should be provided when a chapter of a book is cited (for example: pp. 265-355).

Single author:

Boyd, C. E. (1982) Water quality management for pond fish culture. Elsevier Scientific Publishing Company, Amsterdam, The Netherlands, 250 pp.

Multiple authors:

Balarin, J. D. and R. D. Haller (1982) The intensive culture of tilapia in tanks, race-way and cages. In *"Recent Advances in Aquaculture"* (ed. by J. F. Miur and R. J. Robert), Westview Press, Boulder, pp. 265-355.

Literature citation in the Text

Literature citations in the text follow the name-and-year system. Some examples are given below

- One author: Yamamoto (2006) or (Yamamoto 2006)
- Two authors: Tanaka and Hamada (2006) or (Tanaka and Hamada 2006)
- Three or more authors: Hashimoto et al. (2006) or (Hashimoto et al. 2006)
- Manuscript accepted for publication: Hayama (in press) or (Hayama, in press)
- Within parentheses, use a semicolon to separate multiple citations of literature and figures and tables (Kaminaka 2006; Urakawa 2006) (Table 1; Fig. 2). Cite multiple references within parentheses by year, with the oldest first (Wada et al. 1990; Fujimoto et al. 1995; Yamada et al. 2002, 2004; Smith et al. 2005a, 2005b, 2008a).

Tables and Figures

- 1) Each table and figure should place on a separate A4 sheet. Tables and figures should be given Arabic number (for example: Table 1 and Fig. 1). Indicate the place where tables and figures should be included in the text by red ink on the right margin of sheet.
- 2) Each table should have a brief and self-explanatory title on the top of table. Table title should not end with full-stop (.).
- 3) Place a doubled horizontal line on top of the table. Vertical lines are not required and horizontal line should be minimized.
- 4) Figures should be clear and print out using black ink. Mention the maximum reduction rate of the figure.
- 5) The captions to all figures should be typed on a separate sheet of the manuscript. Unlike table, figure captions should be end with full-stop.
- 6) Put figure number and author(s) name(s) on blank space of each Figure by pencil for cross reference with the figure caption.
- 7) Photograph should have good contrast and intensity. The cost of color photograph must be higher. The number of color photographs should be given in the specified form required to submit a paper in Aquaculture Science (available at the end of each issue).

Units and spellings

Système International (SI) units should be used.

Units and spelling for different cases are given below:

Length/dimension: m, cm, mm, μ m, nm, m², cm², mm², μ l, ml, l, kl, m³, cm³, mm³

Weight: ng, μ g, mg, g, kg, t, Da, kDa

Time: s, min, h

Temperature: °C, K

Absolute amount: pmol, nmol, μ mol, mmol, mol

Concentration: nM, μ M, mM, M, N, (small capital letter), %, ‰, ppm, ppb

Power: dyn, N, gw, kgw

Energy/calorie: erg, eV, J, cal, kcal

Pressure: Pa, mmHg, atm, bar

Electricity: Ω , V, W, mA, A, Hz

Light: cd, lx, lm, cd/m²

Sound: Hz, kHz, MHz, μ bar, dB

Velocity: cm/s, m/s, kt, rad/s

Isotope: dpm, cps, cpm, mBq, Bq, Gy, kGy, mSv, R, kR

Rotation: rpm, cycle

Others: eq, $\times g$, S (Svedberg)

Scientific names

Complete scientific names, including authority, may or may not be given when organisms are first mentioned in the text and in tables, figures and key words together with authorities in brackets, e.g. 'rainbow trout *Oncorhynchus mykiss* (Walbaum)'. Full name should be given instead of abbreviation for authority, if mentioned.

Chemical nomenclature

For chemical nomenclature, the International Biochemical Nomenclature should be used. Write full name instead of abbreviation when chemical names are first appeared in the manuscript. Chemical names should be in small character. Use small capital for D-, L-, etc. (for example, L-lysine).

People name

In text, use family name only. Do not use rank of a people (for example, Dr., Professor, etc.).

Statistical variable

All statistical variables should be given in Italic (for example, *x*, *y*, *n*, *P*, *r*, *Z*, *U*-test, *t*-test etc.).

Font of text

Use the following rule if you have intention to change font in the text:

For italic: Pagrus major (=Pagrus major)

For gothic or bold face:

Materials and Methods (=Materials and Methods)

For capital and small capital:

Yamashita (=YAMASHITA)

Superscript and subscript:

Yoshida₁ = Yoshida¹ and H₂O = H₂O

Accepted manuscript in Electronic Media

- 1) Accepted manuscript should be stored in CD and sent to the Editorial office.
- 2) Manuscript should be prepared using Windows or Macintosh.
- 3) Figures make by computer should be stored in CD.
- 4) Please label your diskette properly, giving exact details on the name(s) of the file(s), the operating system and software used.
- 5) Back up diskette should be kept by Author(s) until the manuscript is published in the journal.

Others

For other query, please look at the latest issues of *Aquaculture Science*.