

Abbreviation: *Nig. J. Fish. Aqua.*

### Instructions for Authors

The **Nigerian Journal of Fisheries and Aquaculture NIJFAQ** (ISSN-2350-1537) is an open access journal that provides publication twice in a year May and September. The Journal welcomes the submission of manuscripts that meet the general criteria of significance and scientific excellence. Articles that are received for this journal cover all areas of Fisheries and Aquaculture: Fish Nutrition, Fisheries Management, Fish Ecology, Fish Genetics and Breeding, Fish Hatchery Management/Technology, Fish Farming Systems, Fish Gear Technology, Fish Post harvest Technology, Fish Diseases and Parasites, Fish Health Management, Aquatic Toxicology, Aquatic Pollution, Fisheries Economics, Fisheries Extension, Hydrobiology, Limnology, Fish biology, Fish Biotechnology, Aquaponics, Integrated Fish Farming, Climate Change in Fisheries and Aquaculture etc. The journal publishes bi-annually after acceptance. All manuscripts should be written in English.

### Typography

When typing, please use double line spacing, type the text justified, without hyphenating words at line breaks. Use hard returns only to end headings and paragraphs, not to re-arrange lines. All major titles (ABSTRACT, INTRODUCTION, MATERIALS AND METHODS, RESULTS/OR RESULTS AND DISCUSSION AND REFERENCES) should be in UPPER CASE. Capitalize only the first word, and proper nouns, in the sub-titles.

### Title

The Title should be brief, clear and easy to understand. The Title Page should include the authors' full names (starting with the initials) and affiliations, the name of the corresponding author, along with phone and E-mail information, present addresses of authors should appear based on the position appeared on the manuscript. Download sample of our published manuscript from: [Http://:www.unimaid.edu.ng](http://www.unimaid.edu.ng)

### Manuscript submission

Electronic submission of manuscripts is strongly encouraged, provided that the text, tables, and figures are included in a single Microsoft Word file (in time new roman font, font size 11). **Submit manuscripts** as e-mail attachment only to the editorial office at: [editornijfaq@gmail.com](mailto:editornijfaq@gmail.com) or [editornigfaq@unimaid.edu.ng](mailto:editornigfaq@unimaid.edu.ng), or visit us at: [www.unimaid.edu.ng](http://www.unimaid.edu.ng). A manuscript number will be emailed to the corresponding author within 72 hours.

### Article Types

Three types of manuscripts may be submitted:

#### i) Regular Articles

These should describe new and carefully confirmed findings, and experimental procedures should be given in sufficient detail(s) for others to verify the work. The length of a full paper should be the minimum required to describe and interpret the work clearly.

**ii) Short Communications:** A Short Communication is suitable for recording the results of complete small investigations or giving details of new models or hypotheses, innovative methods, techniques or apparatus. Short communications are 2 to 4 printed pages (about 6 to 10 manuscript pages) in length. Short Communications are limited to a maximum of two figures and one table. They should present a complete study that is more limited in scope than is found in full-length papers. The items of

manuscript preparation listed above apply to Short Communications with the following differences: (1) Abstracts are limited to 100 words; (2) instead of a separate Materials and Methods section, experimental procedures may be incorporated into Figure Legends and Table footnotes; (3) Results and Discussion should be combined into a single section.

### **iii) Reviews**

Submissions of reviews and perspectives covering topics of current interest are welcomed and encouraged. Reviews should be concise and no longer than 4 to 6 printed pages (about 12 to 18 manuscript pages). Review articles are also peer-reviewed.

### **Review Process**

All manuscripts will be peer reviewed by qualified and experienced reviewers. Decisions will be made as rapidly as possible, and the journal strives to return reviewers' comments to authors within 4 - 6 weeks. The editorial board will re-review manuscripts that are accepted pending revision.

### **Regular Articles**

All portions of the manuscript must be typed, double-spaced and all pages numbered starting from the title page.

### **Title**

The title should be written in Title case. The title should be a brief phrase describing the contents of the paper. The title page should include the author (s)'s full names and affiliations, starting with the surname. The name of the corresponding author, along with email address and phone number should be provided.

### **ABSTRACT**

The abstract should be informative and completely self-explanatory, briefly present the topic, indicate significant data, and point out major findings and conclusions. The abstract should be **100 to 250** words in length. Complete sentences, active verbs, and the third person should be used. The abstract should be written in the past tense. Standard nomenclature should be used and abbreviations should be avoided. No literature should be cited. Following the abstract, about **3 to 10** key words that will provide indexing references should be listed.

### **INTRODUCTION**

The introduction should provide a clear background of the study, statement of the problem and justification of the problem, the relevant literature on the subject, and the proposed approach or solution. It should be understandable to colleagues from a broad range of scientific disciplines.

### **MATERIALS AND METHODS**

Materials and Methods should be complete enough to allow the experiments to be reproduced. However, only truly new procedures should be described in detail; previously published procedures should be cited, and important modifications of published procedures should be mentioned briefly. The study area should be briefly described including geographical location (coordinates). Capitalize trade names and include the manufacturer's name and address. Subheadings should be used and should be sentence case. Methods in general use need not be described in detail.

### **RESULTS**

Results should be presented with clarity and precision. The results should be written in the past tense when describing findings in the author(s)'s experiments. Results should be explained, but largely without referring to the literature. Discussion, speculation and detailed interpretation of data should not be included in the results but should be put into the discussion section.

## DISCUSSION

The Discussion should interpret the findings in view of the results obtained in this and in past studies on this topic. State the conclusions in a few sentences at the end of the paper. The Results and Discussion sections can include subheadings in sentence case, and when appropriate, both sections can be combined.

## Acknowledgments

The Acknowledgments of people, grants, funds, etc. should be very brief.

## Tables

Tables should be kept to a minimum and be designed to be as simple as possible. Tables are to be typed in single spacing throughout, including headings and footnotes. Each table should be at the appropriate place in the text, numbered consecutively in Arabic numerals and supplied with a heading and a legend. Tables should be self-explanatory and it should be referred to in the text. The details of the methods used in the experiments should preferably be described in the legend instead of in the text. The same data should not be presented in both table and figure (graph) form or repeated in the text. Tables should be prepared in Microsoft Word using the insert table format only. **Table(s) types in formats other than the normal table formats will not be accepted. DON NOT DRAW TABLE**, use insert table format.

## Figure legends

Figure legends should be typed in numerical order and should be placed at the appropriate place in the text. Graphics should be prepared using applications capable of generating high resolution JPEG or PowerPoint before pasting in the Microsoft Word manuscript file. Use Arabic numerals to designate figures and sentence case letters for their parts (Figure 1). Begin each legend with a title and include sufficient description so that the figure is understandable without reading the text of the manuscript. Information given in legends should not be repeated in the text.

## REFERENCES

In the text, a reference identified by means of an author's name should be followed by the date of the reference in parentheses. When there are more than two authors, only the first author's name should be mentioned, followed by 'et al'. In the event that an author cited has had two or more works published during the same year, the reference, both in the text and in the reference list, should be identified by a lower case letter 'a' and 'b' after the date to distinguish the works, examples: (Chege, 1998; Harry, 1987a,b; Tom, 1993,1995), (Kumasi *et al.*, 2001)

References should be listed at the end of the paper in alphabetical order. Articles in preparation or articles submitted for publication, unpublished observations, personal communications, etc. should not be included in the reference list, but should only be mentioned in the article text (e.g., J. C. Akinlola, University of Lagos, Nigeria, personal communication). Journal names are abbreviated according to Chemical Abstracts. Authors are fully responsible for the accuracy of the references.

Examples:

Raa, J. (1996). The use of immunostimulatory substances of fish and shellfish farming. *Reviews in Fisheries Science*, 4:229-288.

Cunha, F. E. A. and Rosa, I. L. (2006). Anaesthetic effects of clove oil on seven species of tropical reef teleosts. *Journal of Fish Biology* 69:1504-1512.

Nguenga, D., Breine, J. J., Teugels, G.G. and Ollevier, F. (1996). Artificial propagation of the African Catfish *Heterobranchus logifilis* (Siluroidei; Claridae): Description of a simple technique to avoid sacrificing male brood fish for the obtaintion of milt. *Aquaculture*, 143:215-217.

**Text book:**

Tave, D. (1993). *Genetics for fish hatchery managers*. Second edition, Van Nostrand, New York, 415Pp.

**Project/Thesis/Dissertation Citation:**

Examples:

Yagana, A. Effects of different concentration of Okra (*H. esculatus*) extract on floatability and stability of homemade fish feed. *B. Fisheries Project*, Department of Fisheries, University of Maiduguri, Nigeria, 30Pp.

Bindhu, P. (2000). Population Genetics Structure of Marine Penaeid prawn- *Penaeus indicus* (H. Milne Edwards, 1837). *Ph.D Thesis*, Cochin University of Science and Technology, Cochin, 87Pp.

**Proofs and Reprints**

Electronic galley proofs will be sent by email attachment to the corresponding author as a Microsoft Word or PDF. Page proofs (Galley Proof) are considered to be the final version of the manuscript. With the exception of typographical or minor clerical errors, no changes are likely to be made in the manuscript at the proof stage. Authors will receive a free electronic copy of the article in PDF. Corresponding Authors will also receive a hard copy of the published articles free upon payment of postage charges by postage (EMS, DHL, etc). Additional copies can be purchased from the business manager.

**Copyright**

Submission of a manuscript implies; that the work described has not been published before (except in the form of an abstract or as part of a public lecture, or thesis) that it is not under consideration for publication elsewhere; that if and when the manuscript is accepted for publication, the authors agree to automatically transfer the copyright to the publisher.

**Fees and Charges**

Authors are required to pay the sum of three thousand Naira (₦3000) as processing fee and subsequently Fifteen thousand five hundred Naira (N15, 500) or ninety (\$90) publication fees for black and white prints. Coloured prints will attract three hundred Naira (300) per page. Publication of an article in the Nigerian Journal of Fisheries and Aquaculture is not contingent upon the author's ability to pay the charges, neither is acceptance to pay the publication fee is a guarantee that the paper will be accepted for publication.