



CALL FOR RESEARCH ARTICLE (S) SUBMISSION

JOURNAL OF UNDERUTILIZED LEGUMES

FOCUS AND SCOPE

The Journal of Underutilized Legumes is an international peer-reviewed journal that publishes original research papers of both basic and applied research in all areas of researches that deals with underutilized and lesser-known legumes. The goal of the journal is to provide a platform for scientists, academicians and industrialists all over the world to promote, share, and discuss various new issues and developments on improving the cultivation, selection, utilization and commercialization of underutilized legumes which have great potentials as food and nutritional security crops.

The journal is published by the *Society for Underutilized Legumes*, C/O Genetic Resources Center, International Institute of Tropical Agriculture (IITA), Ibadan, Oyo State, Nigeria.

The Journal of underutilized legumes recognizes the multidisciplinary nature of food, culture and nutritional sciences and welcomes papers from all the specialties involved in underutilized and lesser-known legumes research. Subject areas within underutilized and lesser-known legumes research include, but are not limited to the following fields: Agricultural Sciences; Agronomy or Crop Science, including Genetics and Breeding, Plant Science, Veterinary Sciences, Cell and Molecular Biology, Biotechnology (agricultural biotechnology, food biotechnology, plant biotechnology), Biochemistry, Food Science and Technology, Food Microbiology, Food Chemistry, Applied Sciences, Human nutrition, Animal health and nutrition, Clinical Nutrition and other associated food and nutrition specialties, Ethnobotany, Plant Taxonomy and Biosystematics, Plant Physiology, and the emerging field of Nutritional Genomics, Biodiversity, Climate change and Abiotic stresses, Public Health in Relation to the Condition of Food and

Nutritional Security, Strategies for the Implementation of New Policies and Practices, Environmental sustainability.

The journal also welcomes short communications and mini-reviews.

Examples of underutilized and lesser-known legumes that falls within the scope of the journal are:

1. African yam bean (*Sphenostylis stenocarpa*)
2. Bambara groundnut (*Vigna subterranean* (L) Verdc)
3. Winged bean (*Psophocarpus tetragonolobus* (L) Walp)
4. Lima bean (*Phaseolus lunatus* L)
5. Jack bean (*Canavalia ensiformis* (L) DC)
6. Sword bean (*Canavalia plagioperma* Piper)
7. Kidney beans (*Phaseolus vulgaris* L)
8. Pigeon pea (*Cajanus cajan* (L) Millsp)
9. Lentil (*Lens culinaris*)
10. Ground bean, Geocarpa groundnut (*Macrotyloma geocarpum* (Harms) Marechal and Baudet), just to mention a few.

GUIDE FOR AUTHORS

The Journal of underutilized legumes publishes full length original research papers, short communications, review papers, perspectives and letters to the Editor. The Journal welcomes papers from all the specialties involved in underutilized and lesser-known legumes research and in the following subject areas (but are not limited to the following fields): Agricultural Sciences; Agronomy or Crop Science, including Genetics and Breeding, Plant Science, Veterinary Sciences, Cell and Molecular Biology, Biotechnology (agricultural biotechnology, food biotechnology, plant biotechnology), Biochemistry, Food Science and Technology, Food Microbiology, Food Chemistry, Applied Sciences, Human nutrition, Animal health and nutrition, Clinical Nutrition and other associated food and nutrition specialties, Ethnobotany, Plant Taxonomy and Biosystematics, and Plant Physiology.

The journal also provides a forum for the publication of original research in the emerging field of Nutritional Genomics, Biodiversity, Climate change and Abiotic stresses, Public Health in

Relation to the Condition of Food and Nutritional Security, Strategies for the Implementation of New Policies and Practices, Environmental sustainability.

Preparation and Submission of Manuscript

Manuscripts should generally be arranged in the following order: title page, abstract, introduction, materials and methods, results, discussion, conclusion, acknowledgements, and references.

Submission

All Manuscripts **MUST** be submitted in English, and should be submitted via the journal email or online submission system. Manuscripts must be typed double-spaced on A4 size paper with at least 3cm margins on either side of the paper and in MSWord format; double spacing applies to text only and **NOT** to tables, references and figure legends. It is recommended that prospective authors use numbered pages. Submissions that fail to meet the Journal of Underutilized Legumes (JUL) style and form will be rejected out-and-out.

Submission of papers to JUL is understood to mean that **the author(s) agree to transfer copyright of the article solely to the publisher** to facilitate the widest possible dissemination.

Font Character and Size

All presentations **MUST** be in times Roman character and font size 12, apart from the title of the article which must be font size 14.

Title page

The first page of any manuscript shall include the title, name (s) of authors, their institutional affiliations and addresses, city and country. The title of the article is typed in bold capitals using font size 14 Times New Roman; abbreviations are not allowed. Title must be within one hundred characters (including spaces) and descriptive of the contents of the manuscripts. Authors should be listed with surnames first followed by their initials in font size 12 Times New Roman. Addresses (including emails) should be listed under the names of authors. Where authors work at different addresses, they should be identified by numbered superscripts against their names.

References to professional qualifications/titles are not required. The first author will be assumed to be the contact person unless otherwise stated. The title page should also have a running heading of 50 characters or less, including spaces placed at the top of the page.

Abstract

The abstract heading should be typed in font size 12 Times New Roman. The text of the abstract should be typed in font size 12 Times New Roman. The abstract is a concise abbreviated version of the paper which tells the reader whether the paper is worth reading at all; it must therefore be informative with respect to aim, methods, procedures, results, discussion, and conclusion. An abstract should not exceed 300 words.

Keywords

Heading should be 12 points Times New Roman bold. A maximum of five keywords (separated by comma) that best describe the material being presented must follow the abstract.

Instruction

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

Material and methods

Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.

Results

Results should be clear and concise.

Discussion

This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Conclusions

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

Acknowledgements

It is important that collaborators or sponsors of the research are acknowledged.

Tables

Tables are to be numbered according to their sequence in the text and should also be referred to in the text before they are placed. The tables should be inserted at the exact positions where they belong in the body of the paper. Size and layout limitations of JUL do not allow for large tables. All Tables must have short but self-explanatory titles. Table numbers and titles should be placed at the top left of the Tables. Arabic numerals are to be used. Tables should have only three horizontal lines; however in certain circumstances an additional horizontal line may be applicable. Tables should be numbered from Table 1 and continued serially to 2, 3, etc. As much as possible avoid numbering unrelated tables as (a), (b) e.g. Table 3 (a), Table 3 (b).

Figures

Figures should be inserted at the exact positions where they belong in the body of the paper and should also be referred to in the text before they are placed. They should be clearly captioned and numbered in sequence below each figure. Line drawings must be done in black ink. Photocopies/scanned copies are not acceptable. Photographs (good, glossy black and white) and line drawings should not be mounted. Colour illustrations may be reproduced at the author's expense. Figures may not be used to duplicate data already presented in table sort ext or vice versa. Photographs and illustrations other than tables are considered as figures and should be referred to as such. Figures should be numbered from 1 and continued serially to 2, 3, etc. As much as possible avoid numbering unrelated figures as (a),(b), e.g. Fig. 3(a), Fig. 3(b).

References

References to literature in the body of the manuscript are cited by author(s), followed by year. Authors are cited by their surnames only, e.g., Andam (1999) or (Andam, 1999) depending on sentence structure.

Andam (1999) stated that archival collections present an impartial body of information.

Archival collections present an impartial body of information (Andam, 1999).

Distinguish between different papers by the same author (s) in the same year by post script letters— e.g. Ayim, 1994a, 1994b, and 1994c. In the body of the paper, where a paper has more than two

authors, give only the name of the first author followed by *et al.* (e.g. Ayim *et al.*,1999,see full reference below) or Ayim *et al.*(1999).Unpublished papers must also be listed in the References section, while personal communications must be referred to only in the text (A.M. Ayim, *personal communication*).

All literature mentioned in the text should be listed in alphabetical and chronological (if same authors have more than one paper cited) order at the end of the paper under References. They year of publication (in brackets) must follow the names of authors who should be listed surname first followed by initials. The use of *et al.* in the references section is not allowed. Provide the full title of the paper in the original language or in an English translation.

For Journals, use the proper journal abbreviations; if in doubt, quote the fullname of the journal. *The name of the journal, volume and pages should be typed in italics.* Follow the title with the volume number in Arabic numerals and the first and last pages of the article. Issue numbers are not necessary except for journals where continuous pagination is not used. Only proper nouns in titles of papers and books need to be capitalized; for example:

Journals;

Osei, S.A., Okai,D.B. and Tuah,A.K. (1999).Quality protein maize as the sole source of amino acids in the diets of starter pigs: a preliminary study. *Journal of the University of Science and Technology* **19 (2)**:1–4

For books, the full citation should also include the title, edition number (if more than one), name of publishers, city of publication and country (if city cannot be easily identified by readers):

Cryer, P.E. (1976). Diagnostic Endocrinology. Oxford University Press, New York. 231p.

Where the book is edited, a reference to part of it must be given the normal literature citation but the title of the article is followed by the word In: and then the name of editor, book title, publishers, city of publication

Baker,D.H.(1977).Aminoacidnutritionofthechick.*In*:Draper,H.H.(Editor)*AdvancesinCellularResearch*.PlenumPress,Abuja. Pp 24 – 42.

For references to conference and seminar papers, the citation should include the title of the paper, the theme of the conference/seminar, editors, place where it was held and date (days and month,e.g.,19 – 21 May).

Latin Words and Phrases

Latin words used to identify biological structures or entities are always italicised; similarly phrases like *et al.*, *in situ*, *in vivo*, *versus*, *per se*. On the otherhand, commonly used abbreviations such as etc., viz. and e.g.do not require italicisation.

Numbers

As a rule, numerals are not used to start sentences; words are preferred. In addition, words should be used for all numbers less than 10 and numerals for those greater than 10. In the situation where a sequence of numbers is given with some less and others more than 10 (e.g.150, 90, 45, 17, 9, 3), the use of numerals for all is advised. If a number is followed immediately by a unit of measurement, use the numeral, e.g. 2g; 3cm.

Units of Measurement

The metric system (SI) of measure is obligatory.

Peer Review

All manuscripts are subject to review by at least two referees knowledgeable in the author's field of study. These reviewers ensure the accuracy, currency and relevance of papers and their comments aid the Editor-in-Chief in deciding on the acceptability or otherwise of submitted manuscripts. Based on their comments, authors may be required to make alterations to their papers before final acceptance. The Editor-in-Chief and the Editorial Board make the final decision on any paper, irrespective of comments of reviewers.

Proofs

Galley proofs of all accepted manuscripts are sent to the senior author (or as indicated in the

original manuscript) who should check for typographical errors and answer queries raised by the Editor-in-Chief. The checked proofs should be returned to the Editor-in-Chief via the journal online system of JUL. Extensive alterations to the galley proof beyond those demanded by the Editor-in-Chief may require further review and will attract a surcharge.

Copy of the Published Paper

Authors whose papers are accepted for publication will be sent one copy of the volume of the JUL in which their papers appeared. Additional copies will be sent only upon receipt of the payment of the appropriate fees. Authors will also receive a pdf version of their published paper via email.

Manuscript Length

Research papers submitted for publication should be between 1,500 and 6,000 words (or between 6 and 22 pages long when typed in double spacing), including tables and figures. Technical notes submitted for publication should be up to a maximum of 3,000; while Reviews submitted for publication should be between 3,000 and 6,000. All articles should remain within these limits to be accepted for publication!

PLAGIARISM POLICY

Whether intentional or not, plagiarism is a serious violation. Plagiarism is the copying of ideas, text, data and other creative work (e.g. tables, figures and graphs) and presenting it as original research without proper citation. We define plagiarism as a case in which a paper reproduces another work with at least 25% similarity and without citation.

If evidence of plagiarism is found before/after acceptance or after publication of the paper, the author will be offered a chance for rebuttal. If the arguments are not found to be satisfactory, the manuscript will be retracted and the author sanctioned from publishing papers for a period to be determined by the responsible Editor(s).

However, the Editorial Board of JUL assumes no responsibility for statements made or opinions expressed by authors who should ensure that all submitted manuscripts have resulted from their own original work.

PUBLICATION FREQUENCY

Journal of Underutilized Legumes is published twice yearly (January and July).

SUBMISSION

Kindly send your full length research paper to submit.jul@gmail.com

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