GAYANA

Instructions for authors

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General Information

GAYANA is an open access scientific journal published by the Facultad de Ciencias Naturales y Oceanográficas of the Universidad de Concepción, Chile, and belongs to the Sello Editorial UdeC group of journals.

GAYANA receives the following types of contributions: Original Article, Review, Short Communication, Editorial, Book Commentary and Obituary.

Papers written in Spanish or English are accepted.

The scope of GAYANA is structured in six main disciplinary lines:

- **Earth Sciences:** Includes, but is not limited to, studies in Oceanography, Limnology, Hydrology and Atmospheric Sciences.
- **Ecology:** Includes, but is not limited to, studies in Functional Ecology, Trophic Relationships and Microbial Ecology.
- **Environmental Biology:** Pollution of marine and terrestrial environments, and Natural Resource Management.
- **Biodiversity and Taxonomy:** Includes, but is not limited to, studies of Biodiversity, and species description and classification.
- **Evolutionary Biology:** Includes, but is not limited to, studies in Population Genetics, Evolutionary Ecology, Evo-Devo and Systematics.
- **Applied Biology:** Includes studies on Bioassays and Biotechnology.

Publication costs

The cost is US$ 45 per page, up to a maximum of 10 pages (US$ 450). No charges apply to additional pages. Payment will be requested once the paper has been accepted, together with the page proofs.

Instructions for submitting manuscripts

Manuscripts must be submitted electronically, exclusively through the journal's editorial platform (https://gayana.cl), as a Word document (.docx), with figures and tables included at the end of the manuscript or next to their first citation.

The email address gayana@udec.cl is for inquiries only; manuscripts are not accepted through this channel.

To expedite the review process, please suggest at least two suitable reviewers (name, institution and email address) when submitting your manuscript. Please also report any conflict of interest with potential reviewers.

After an initial editorial assessment, manuscripts are evaluated by at least two external reviewers through single-anonymous peer review (reviewers know the identity of the authors, but not vice versa). Our goal is to communicate a first

editorial decision within 60 days, and to publish accepted papers within a maximum of nine months of acceptance. Articles are published in order of acceptance.

The editors may reject without external review manuscripts that do not fit the scope of GAYANA or do not comply with these instructions.

ETHICS AND AUTHOR RESPONSIBILITIES

By submitting a manuscript, the authors declare that the work is original, that it has not been published and is not under consideration by another journal, and that all authors have approved the submitted version. If the work has been deposited as a preprint, please indicate this in the comments to the Editor.

Including the ORCID identifier of all authors is recommended.

Generative artificial intelligence tools cannot be listed as authors. Their use (*e.g.,* to improve the writing or to translate) must be declared in MATERIALS AND METHODS or in ACKNOWLEDGMENTS, and the authors are responsible for all content. Data, results or figures generated with these tools are not accepted without the corresponding methodological description.

State in MATERIALS AND METHODS any collecting, capture, export or genetic resource access permits that apply and, for studies with live animals, the approval of the corresponding ethics or bioethics committee. Also declare any conflict of interest.

MANUSCRIPT FORMAT

The manuscript of an original article, review or short communication must be submitted in **.docx** format, using Times New Roman, size 12, 1.5 line spacing, justified and with **no indentation**.

Pages must be numbered and have continuous line numbering.

The title of the manuscript must be written capitalizing only the first word, proper nouns and genus names, in English and Spanish for papers in English, and in Spanish and English for papers in Spanish. The full names of the authors must be given below the title. On the following lines, indicate the affiliation (institution, city and country) and the email address of each author. Affiliations are indicated with consecutive superscript numbers at the end of each name. The corresponding author must be marked with an asterisk, and their email address given below as "*E-mail: name@company.com".

Include a short running title (maximum 50 characters, approx. 6 words) in the page header.

Section headings must be **centered and in capitals** (*e.g.,* **INTRODUCTION**); secondary headings or subheadings must be left-aligned in bold small capitals (*e.g.,* **SAMPLING DESIGN**).

Use italics for scientific names and Latin expressions; underlined words are not acceptable.

The first time a species or subspecies is cited, write its full scientific name with its authorship, according to the corresponding code of nomenclature (*e.g., Rhinoderma darwinii* Duméril & Bibron, 1841; *Xenopus laevis* (Daudin, 1802); *Nothofagus glauca* (Phil.) Krasser).

Use the units and symbols of the Metric System, separating decimals with a comma (*e.g.,* 0,5) if the text is in Spanish, or with a point (*e.g.,* 0.5) if it is in English.

GENE SEQUENCES AND DATA

Nucleic acid or protein sequences must be deposited in a public database (GenBank, ENA or DDBJ), and their accession numbers must be provided when the manuscript is submitted.

Authors are encouraged to deposit the data supporting the work (*e.g.,* matrices, alignments, occurrence records, oceanographic data) in public repositories (*e.g.,* GBIF, OBIS, Zenodo, Dryad) and to state this in a DATA AVAILABILITY section, before the REFERENCES.

TABLES AND FIGURES

Figures and tables (with their captions) may be inserted within the text at the appropriate position, or at the end of the manuscript on separate pages after the References or Appendices.

Table and figure captions must be in Spanish and English, with both languages separated by a period and a slash (. /). They must be concise but provide enough information that readers do not need to consult the text to understand the figure or table.

Captions begin with the word FIGURE or TABLE and its number in capitals and bold (*e.g.,* **FIGURE 1.**).

TABLES

Tables must be numbered consecutively with Arabic numerals and carry a descriptive title above them. These titles must be concise and provide enough information that readers do not need to consult the text to understand the table.

Tables must be created with the Word table editor. Do not use the space bar or the tab key to align values. If necessary, use paragraph alignment to center the values. Do not submit tables as images.

FIGURES

Figures must be numbered consecutively with Arabic numerals. For composite figures or plates with more than one part, each part must be labeled with lowercase letters (*e.g.,* Fig. 1a, 1b, 1c).

Within figures, use a sans-serif typeface (*e.g.,* Arial, Calibri, Helvetica), with the same typeface and similar sizes in all figures of the manuscript.

Graphs must not be framed.

Use the units and symbols of the Metric System, separating decimals with a comma (*e.g.,* 0,5) if the text is in Spanish, or with a point (*e.g.,* 0.5) if it is in English.

Drawings must be high-contrast, with lines of appropriate thickness for reduction, and must include a scale bar.

Photographs must be of good resolution, sharp and with good contrast, and include a scale bar; do not state magnifications in the caption, as they change when the figure is reduced. If the photographs were not taken by the authors, credit their author at the end of the caption.

For review, figures with a resolution good enough to evaluate the work are sufficient. Once the manuscript has been accepted, each figure must be submitted as a separate file: maximum-quality JPG for photographs and PNG for graphs, maps, drawings and plates with text. Figures must be at least 2000 pixels on their longest side (3000 pixels for line drawings and plates with fine detail). Do not enlarge images with software, as this does not improve their resolution. Name each file with the surname of the first author and the figure number (*e.g.,* Perez_Fig1.jpg).

IN-TEXT CITATIONS

In-text citations must include the author's surname and the year of publication, with no comma between them (*e.g.,* Mayr 1999). If there is more than one year, they are separated by commas (*e.g.,* Fernández 1992, 1996, 2005). Two authors are joined by & (*e.g.,* Vargas & Parra 2005). If there are more than two authors, only the first is cited, followed by *et al.* (*e.g.,* Vergara *et al.* 2006). Several works by the same author(s) in the same year are distinguished by letters added after the year (*e.g.,* Gallardo *et al.* 1998a, 1998b, 1998c). Multiple citations are

ordered chronologically and separated by semicolons (*e.g.,* Fernández 1992, 2005; Mayr 1999; Vergara *et al.* 2006).

Reference format

The reference list must include only the references cited in the text, in alphabetical order by the surname of the first author, unnumbered and with a hanging indent.

Use journal names without abbreviation, and include the volume, issue and page numbers. Citations of conference abstracts are not acceptable.

Include the DOI of all works that have one, as a full link (https://doi.org/…).

Include all the authors of each reference; only if there are ten or more, cite the first nine followed by *et al.*

Articles

Márquez, J., Asiain, J., Navarrete-Heredia, J.L. 2018. Análisis taxonómico de las especies mexicanas de *Belonuchus* Nordmann del grupo *ephippiatus* (Coleoptera: Staphylinidae). Gayana 82(1): 26-39. https://doi.org/10.4067/S0717-65382018000100026

Books

Donoso-Barros, R. 1966. Reptiles de Chile. Ediciones Universidad de Chile, Santiago, Chile. 458 pp.

Fox, J., Weisberg, S. 2018. An R companion to applied regression. Third edition. Sage, Thousand Oaks, CA. 608 pp.

Book chapters

De Queiroz, K. 1998. The general lineage concept of species, species criteria, and the process of speciation: a conceptual unification and terminological recommendations. In: Howard, D.J., Berlocher, S.H. (Eds.) Endless forms: species and speciation: 57-75. Oxford University Press, Oxford.

Theses

Rodriguez, M.A. 2001. *Scriptania* Hampson, 1905 y *Strigania* Hampson, 1905: dos géneros de hadeninos de la región neotropical (Lepidoptera: Noctuidae: Hadeninae). ¿Igualdad o similitud? Tesis de Magíster. Universidad de Concepción, Concepción, Chile.

ONLINE THESES

Dovale, M.J. 2013. Postwar Japan's hybrid modernity of in-betweenness: Historical, literary, and social perspectives. Doctoral dissertation. California State University, Long Beach, Long Beach, CA. https://pqdtopen.proquest.com/#viewpdf?dispub=1527481

WEBSITES AND OTHER ONLINE RESOURCES

Shackle, L. 1998. Citing electronic resources. Arizona State University Libraries. https://www.asu.edu/lib/noble/library/cit_elec.htm. Accessed: September 19, 2024.

SOFTWARE

R Core Team. 2023. R: A Language and Environment for Statistical Computing. R version 4.3.1. The R Foundation for Statistical Computing, Vienna, Austria. https://www.R-project.org/

*WHEN CITING A BOOK, ONLY INCLUDE THE EDITION WHEN IT IS NOT THE FIRST EDITION.

SYSTEMATIC STUDIES

Systematic and taxonomic studies must be based on material deposited in public scientific collections (*e.g.,* museums). The catalog number must be given for all specimens examined. If they are numerous, they must be listed in an Appendix.

Indicate in MATERIALS AND METHODS the acronyms of the collections cited. The material examined for each species must include country, locality, coordinates, date, collector, number and sex of specimens, and catalog number.

Type specimens of new taxa (holotype and paratypes) must be deposited in public collections, indicating the institution and their catalog number.

Nomenclature follows the International Code of Zoological Nomenclature 2000.

In scientific names, author names with initials are written without spaces between the initials and the surname (e.g., I.M.Johnst).

Keys must follow the standard dichotomous format.

INSTRUCTIONS FOR ORIGINAL ARTICLES

An original article is organized as follows: TITLE, AUTHOR(S), ABSTRACT, KEYWORDS, RESUMEN, PALABRAS CLAVE, INTRODUCTION, MATERIALS AND

METHODS, RESULTS, DISCUSSION, ACKNOWLEDGMENTS and REFERENCES. If necessary, one or two APPENDICES may be included after the REFERENCES.

The Title has a maximum length of 20 words.

The Abstract and the Resumen must not exceed 250 words each and must not include bibliographic citations.

Keywords and Palabras clave: a maximum of five is accepted, avoiding words that appear in the title; list them alphabetically and separate them with commas.

Merging RESULTS and DISCUSSION into a single section is not desirable. If, due to special circumstances, the paper must be structured differently from the above order, consult the Editor-in-Chief before submission.

Funding sources (with the project code) must be stated at the end of the ACKNOWLEDGMENTS, in the same paragraph.

INSTRUCTIONS FOR SHORT COMMUNICATIONS

Short Communications are short articles of up to 2000 words (excluding references). This format is recommended for publishing specific observations, new records and range extensions, studies of regional interest, or comments on other articles published in the journal.

A short communication is organized as follows: TITLE, AUTHOR(S), ABSTRACT, KEYWORDS, RESUMEN and PALABRAS CLAVE (in papers written in Spanish, RESUMEN and PALABRAS CLAVE come first), TEXT, ACKNOWLEDGMENTS and REFERENCES.

- **Title:** maximum length of 20 words.
- **Abstract and Resumen:** must not exceed 80 words each.
- **Keywords and Palabras clave:** maximum three.
- **Acknowledgments** (optional): maximum 30 words. Funding sources (with the project code) do not count toward this limit; they must be stated after the acknowledgments, but in the same paragraph.

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