

REVISTA DE BIOLOGIA MARINA Y OCEANOGRAFIA

INSTRUCTIONS TO AUTHORS

1. Scope and Content

The Revista de Biología Marina y Oceanografía (RBMO) is a bilingual scientific publication (Spanish and English) and is the continuation of the Revista de Biología Marina, funded in 1948, edited by the Facultad de Ciencias del Mar y de Recursos Naturales, at the Universidad de Valparaíso, Chile. It is an open access journal, and since 2014 it is published only in a digital version. Its periodicity is an annual volume containing three issues each. The RBMO publishes articles, scientific notes, reviews, and obituaries in the field of marine biology and oceanography..

Reviews: Original text that summarizes, analyzes, evaluates and synthesizes the current state of the research in a specific topic or information already published..

Articles: Original research results based on a scientific problem with reliable data..

Research Notes: Original research papers describing methods, preliminary results or local findings.

Obituaries: Posthumous biography of a known researcher on marine science

2. Manuscript presentation

Manuscripts are received in Spanish or English. The format aspects are based on the CBE Manual for Authors, editors, and Publishers (6th ed, 1994), together with the Chilean Standards of the National Institute for Standardization for documentation and bibliographic references (NCh 1143. Of.1999 ISO 690) and electronic documents or parts thereof (NCh 1143/2 Of. 2003 / ISO 690-2).

For the use of Spanish, the latest edition of the Spanish Language Dictionary, the Royal Spanish Academy and its electronic version <www.rae.es> and the Simon- Schuster English-Spanish International Dictionary for the English language are used.

Authors whose native language is not English, it is suggested that some suitable professional review the scientific English of the text.

The symbols of the units are defined by the International System of Units (SI).

2.1. Format and submission

- The manuscript should be submitted in Word© (.doc; .docx) format to the email secretaria.rbmo@uv.cl, containing the whole text, (main body, tables and figures, with its respective captions), and the figures in separate files with format JPG, GIF, TIFF or PNG, at least with 300 dpi of resolution.

- Do not submit the manuscript or the figures in PDF format.
- A letter to the Editor should be included, indicating: a) name, professional affiliation and email of the corresponding author, b) a statement indicating that all authors have approved the submission of the manuscript, c) suggestions of specialist that may be considered as reviewers, including their email address and institution, d) to inform any conflict of interest with potential reviewers, and e) detail if the manuscript has been previously submitted to other journal.

2.2. Style, structure and parts of the manuscript

The manuscripts are written at double space, plain Font (*e.g.*, 12-point Times New Roman), letter size page, with margins of 2.5 cm and justified paragraph.

Titles and subtitles are written without indentation with the initial letter capitalized and the rest in lower case, excepting first letter and names.

The manuscript should contain the following sections:

a) Title page

It is used for Articles, Reviews and Scientific Notes.

It must be include the title of the paper in **Spanish and English**, which should be short and informative. **Add a short title**, in the language of the main text, with a maximum of 60 characters (including spaces), name of the author(s), institutional affiliations, the address in full and the email of the corresponding author. Authors should be named by family name (or formal) and in the style they wish to be cited.

b) Main text

Articles: It should not exceed 7,000 words (*ca.*, 25-30 pages in Word format).

Resumen and Abstract: It should describe the problem, goals, results and the main conclusions, in a maximum of 250 words. Do not include statistical results (stadigraphs or probabilities). Do not cite references, tables or figures. The Abstract should not contain any undefined abbreviations.

Palabras clave and Key words: Please provide three to five descriptive key words in order of relevance. Only the first letter of each key word is written in capital letter, and separated by commas.

Introduction: Concise and short, in order to explain the background of the work, its relation with similar previous work, and the primary objectives. It must state the intent of the research in the form of a research question or hypothesis so that no confusion arises as to what advance in marine biology is being sought.

Materials and methods: Describe shortly, the study area (if applicable), materials, instruments, procedures, recompilation, treatment, mathematical and statistical methods, using quotation and cite the source. New methods should be precisely detailed to allow the work to be reproduced by an independent researcher.

Results: Describing the results should be clear and concise, emphasizing the relevant data; excessive duplication of material in text, figures and tables is not permitted.

Discussion: Highlight the new aspects of the research, implicances of the skewness and restrictions of the study, relationships with other cited studies and main conclusions, which should be insert in the last paragraph, and not in a separate section. It should not include data previously undescribed in the results.

Acknowledgements: It should be clear, brief and specific, citing people, grants, funds or institutions which directly contributed to the research. The name of funding organizations, and grant number, should be cited in full.

Reviews: It should not exceed 8,000 words (*ca.*, 30-35 pages in Word format). Reviews should contain Abstract, Resúmenes, Key words, Palabras clave, Introduction, development of the research (with headings), Discussion and/or Conclusion and Acknowledgements (if apply).

Research Notes: It should not exceed 3,000 words (maximum 14 pages in Word format). It has a similar style than an Article, with the difference that only includes an Abstract with no more than 100 words and Key words with maximum 4 words (both in English, although the text has been written in Spanish). **Results and Discussion should be written in one section.** Three Tables or Figures (or a combination of both) should not exceed.

Book comments: They are simple texts without sections. They should have a maximum of two printed pages including a picture of the book cover in high resolution (≥ 300 ppi).

Obituaries: Is a simple text without sections. It should have a maximum extension of one page and a half, including a photograph in high resolution (≥ 300 dpi).

c) Literature

References in the text: It should include the surname of the author followed by the year of publication, without comma. Two authors are separated by & and when they are more than two, the surname of the first author followed by *et al.* and the year.

- References should be cited in chronological order separated by comma (,)(*e.g.*, Brown 2008, Castillo *et al.* 2008, Vargas *et al.* 2009, Araya & Muñoz 2017).
- When an author has several papers in the same year, it should show with a letter a, b, c, etc., after the year separated by semicolon (;) (*e.g.*, González *et al.* 1999a, b, c; Riley 1999).

- When several references are cited, these are cited in chronological order, separated by semicolon (;) (*e.g.*, Brown 2003, 2005; Castle 2004, Fernández *et al.* 2007, Barrera *et al.* 2012a, b; López *et al.* 2013, 2016, 2019; Salazar *et al.* 2015, Barrera 2019).

Footnotes: References as “unpublished results”, “personal communication”, summaries of scientific meetings, private institutions reports, etc., may be cited (only if they are relevant) as footnotes, indicating as follows: author(s), year, title, data of edition, availability, institutional address, internet access (url), etc. Footnotes are numbered consecutively.

Literature cited: Show in a list, only the mentioned cites in the text and by order according to: first by alphabetical order of the authors, then by the number of authors and finally by chronological order.

Authors and year in bold, but not the dot after the year; the pages are cited according to the publication.

- Journal names should not be abbreviated, starting with capital letter, no italics, bold or underlined.
- For unindexed journals please provide the country of publication before the volume.
- Do not include the number of the edition and the corporative abbreviations, such as Ltda. Inc., etc.
- In book, chapters and thesis references, includes the city but not the country of publication.
- In press articles or those not compaginated should include the Digital Object Identifier-DOI between angle brackets (<>).
- Thesis should indicates the degree, institution, city, total pages and preferently with its access url.
- Data bases, online documents, etc., can be cited, showing the address between angle brackets (<>), (*e.g.*, <<https://www.algaebase.org/>>)

The following is an example of the correct RBMO style in the presentation of literature cited

Arismendi I. 2009. The success of non-native salmon and trout in southern Chile: human, environmental and invader dimensions in a conceptual model of biological invasion processes. Tesis Doctoral, Facultad de Ciencias Forestales y Recursos Naturales, Universidad Austral de Chile, Valdivia, 157 pp.

Bayne BL. 1976. Aspects of reproduction in bivalve molluscs. In: Wiley M (ed). Estuarine processes 1: 432-448. Academic Press, New York.

Fretter V & A Graham. 1962. British prosobranch molluscs, 775 pp. Ray Society, London.

Gordon DP, J Beaumont, A MacDiarmid, DA Robertson & ST Ahyong. 2010. Marine biodiversity of Aotearoa New Zealand. PLoS ONE 5(8): e10905. <<https://doi.org/10.1371/journal.pone.0010905>>

Icochea L & R Rojas. 2001. La corriente Cromwell y sus variaciones en los 0°N, 110°W. En: Espino M, M Samamé & C Castillo (eds). La merluza peruana (Merluccius gayi peruanus): biología y pesquería, pp. 20-28. Instituto del Mar del Perú, Callao.

- Magnum C & K Johansen. 1982.** The influence of symbiotic dinoflagellates on respiratory processes in the giant clam *Tridacna squamosa*. *Pacific Science* 36: 395-401.
- Nagasawa K, J Mori & H Okamura. 1998.** Parasites as biological tags of stocks of neon flying squid (*Ommastrephes bartramii*) in the North Pacific Ocean. In: Okutani T (ed). *Contributed Papers to International Symposium on Large Pelagic Squids*, pp. 49-64. Japan Marine Fishery Resources Research Center, Tokyo.
- Pequeño G. 1989.** Peces de Chile. Lista sistemática revisada y comentada. *Revista de Biología Marina* 24(2): 1-132.
- Pequeño G. 2000a.** Delimitaciones y relaciones biogeográficas de los peces del Pacífico Suroriental. *Estudios Oceanológicos* 19: 53-76.
- Pequeño G. 2000b.** Peces del Crucero CIMAR-Fiordo 3, a los canales del Sur de Magallanes (CA. 55°S), Chile. *Ciencia y Tecnología del Mar* 23: 83-94.
- Pequeño G & J Lamilla. 1985.** Estudio sobre una colección de rayas del sur de Chile (*Chondrichthyes: Rajidae*). *Revista de Biología Marina* 21(2): 225-271.
- Pequeño G & J Matallanas. 2003.** *Bathylagichthys parini* (Osmeriformes: Bathylagidae), from Chilean fjords: new morphological data. *Cybio* 27(3): 242-244.
- Pequeño G & J Matallanas. 2004.** First record of the family Grammicolepididae, with *Grammicolepis brachiusculus* Poey, 1873, in the Southeastern Pacific ocean. *Journal of Ichthyology* 44(Suppl. 1): S145-S149.
- Pequeño G, J Lamilla & A Crovetto. 1991.** Captura de *Somniosus cf. pacificus* Bigelow & Schroeder, 1944, frente a Valdivia, Chile, con notas sobre su contenido gástrico (*Chondrichthyes, Squalidae*). *Estudios Oceanológicos* 10: 117-122.
- Pequeño G, D Fariás, M Thiel & I Hinojosa. 2004.** Peces asociados con la deriva de macroalgas en Aysén, Chile. *Revista de Biología Marina y Oceanografía* 39(2): 93-99.
- SERNAPESCA. 2016.** Anuario estadístico de pesca 2016. Servicio Nacional de Pesca, Valparaíso. <<http://www.sernapesca.cl>>
- Swofford D. 2002.** PAUP*: Phylogenetic Analysis using Parsimony (and other methods), Version 4.0 Sinauer. [CD ROM].
- Viúdez Á & M Claret. 2009.** Numerical simulations of submesoscale balanced vertical velocity forcing unsteady nutrient phytoplankton-zooplankton distributions. *Journal of Geophysical Research, Oceans* 114: C04023.<doi:10.1029/2008JC005172>

d) Tables

Should It should be shown after the Literature Cited and created using Tables from Word®. **Do not submit tables in image format.** The text is presented in **Times New Roman (9 point)**. Cells do not have line or borders, including only a horizontal line over and behind the headlines and below the last line of data.

Captions: These are presented in **12-point Times New Roman** in two languages (main language with texts in **bold**, separated by a slash (/) and normal text (no bold). The captions are not included inside the table and should be correlatively numbered with arabic numbers (e.g., Table 1, Table 2, etc.).

Abbreviations may be included in the caption or as footnote of the table.

e) Figures

Graphs, diagrams and photographs are denoted Figures and are abbreviated as Fig. in the text. They are presented after the Tables.

Files are submitted in JPG, TIF, GIF or PNG (300 dpi) format, as separate files and numbered. Size should be between 12 a 21 cm.

In each figure the texts, numbers, identification, symbols, axis titles, etc., are written in **Verdana (9-12 point) and no bold**. The width of the axis and the lines of the curves should not exceed 10 pts. Figures from geographic places should include a map of the country, with the cardinal orientation, latitude, longitude and scale. Permits of reproduction are needed for those figures protected by intellectual property.

Captions: It must be written in **Times New Roman (12-point)** in to two languages (main language with text in bold and separated with a slash (/) and text without bold). Captions are not included inside the figure and it should be numbered correlatively with arabic number (e.g., Figure 1, Figure 2, etc., with the meaning of the abbreviations and additional information of the figure (scale, author, copyright, etc.).

f) Various

Math formulae: If they are simple they are directly written in the paragraph; if they are more complex inserted as equation tool from Word© or a compatible equation editor, in centered position. When more than three equations are used, it must contain a number. Every variable must be described in the text.

Results of statistical analyses: It must include the stadigraphs, degrees of freedom and probability of the statistical test utilized (e.g., Result of ANOVA $F_{(3, 453)} = 4.56, P < 0.01$; Chi-square: $\chi^2 = 2.8, f.d. = 6$). Note that before and after a sing, > and <; ≥ and ≤; ± must be a space. *P* of the statistical probability goes in italics.

Abbreviations: The following abbreviations are examples frequently used: gram (g); kilogram (kg); ton (t, ton); metro (m); kilometer (km); centimeter (cm); milimeter (mm); seconds (s); minutes (min); hours (h); hectare (ha). Other abbreviations can be considered when they are frequent in the text, such as total length (TL), sample unit (SU), etc.

'Units' by 'units': Physical measures only use metric units in accordance with the Systeme International d' Unites, that is, no diagonal (/) in-between (e.g., cells/ml is written cells ml⁻¹; O₂/g/min is written O₂g⁻¹min⁻¹; individuals/m³ in written ind. m⁻³).

g) Other considerations

- If the text is in Spanish, the decimal numbers are separated by comma and if the text is in English it is separated by dot.
- Words or abbreviations from latin origin (*i.e., e.g., et al., vs*), scientific names (genus, species and subspecies) are given in **italics**.
- The name and year of the author(s) of a species are not cited in the title (or in the Resumen or Abstract), but it should be cited the first time cited in the main text.
- The whole scientific name of a species should be cited when is mentioned for the first time **in each sections**.
- Headines, subtitles, affiliations, palabras clave, key words and captions (of Tables and Figures) **do not** end with a dot.

3. Editorial policies

3.1. Process of the manuscripts

Submission: The reception of the submitted paper is informed to the corresponding author, in a maximum of 48 hours.

Review: The received manuscripts will be treated in a confidential way for all the participants during the review process.

Pre-evaluation: The manuscripts will be pre-evaluated by the editor, whom may decide the rejection according to the following criteria: style and form, quality of figures and/or tables, scope of the RBMO, data accuracy, writing and general organization of the manuscript. Those papers considered unprecise or inadequate to the scope of the journal, will not continue the process, and it will be returned to the corresponding author.

Peer Review: Those manuscripts which accomplish the editorial criteria of the RBMO will be submitted for external peer-review. Double-blind process is used in the review, and therefore **authors and reviewers are anonymous** between them. If an author is directly related with the journal, he/she will be excluded of the review process.

Acceptance: The acceptance of a manuscript is decided by the editor based on the recommendations of the reviewers and associate editor. The acceptance of a manuscript requires the suggestion of approve of at least two reviewers. The editor, together with the associate editor, may decide the change of format of a manuscript (from Article to Scientific Note). The acceptance or rejection of a manuscript is formally informed to the corresponding author.

Edition: In the accepted manuscripts, the corresponding author should revise, correct, and approve the definitive version; nonetheless, all the authors are responsible for the content of the paper, including the changes made during the edition.

Publication: Once a paper has been included in the Table of Contents of a number, a doi will be assigned.

- The whole content of an edited number will be published in the RBMO web page <<https://revbiolmar.uv.cl>> as well as in the Portal of UV journals <<https://revistas.uv.cl/>>.
- The SciELO Chile Online Scientific Library (Scientific Electronic Library)-CONICYT, <www.scielo.cl> will index the content of the RBMO as well as the indexation in Web of Science (WOS).
- RBMO is an Open Access journal and there are no charges related to the download of its contents.
- Since August 2019, there are no publication charges for national and international authors.

3.2 Conditions of publication

The authors publishing in RBMO will automatically transfer their publication copyright to the Universidad de Valparaíso, ensuring all the intellectual property rights and outreach of the paper and journal in any format.

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