

Chemistry and Ecology

Instructions to Authors

Introduction

As Gordon and Breach moves into the delivery of journals in electronic format, it becomes essential that authors prepare their manuscripts according to established specifications. The effectiveness of the search capabilities offered by electronic delivery will depend upon the care used by authors in preparing their manuscripts. Therefore, contributors are strongly encouraged to read these instructions carefully before preparing a manuscript for submission, and to check the manuscript for compliance with these notes before submitting it for publication.

Types of contributions

Research papers: exciting findings fitting in the aims and scope of the journal. Priority will be given to well focused interdisciplinary manuscripts. Long manuscripts are also considered.

Review articles: State-of-art evaluations on defined research areas of general interest within the scope of the journal.

Short notes: are short communications (generally less than 7 printed pages and include no more than 4 tables or figures). Notes carry no more than 20 Reference citations and do not require a separation between Introduction, materials and methods, results and discussion.

Ideas: very short (less than 4 printed pages) essays expressing novel ideas or correspondence with respect to previous work.

Book reviews: reviews and comments on recently published books in the fields of *Chemistry and Ecology*.

Submission of papers

Papers should be typed single-sided with double spacing and wide (2.5 cm) margins on good quality paper, and submitted in triplicate to the Editor (Prof. Roberto Danovaro, Institute of Marine Science, University of Ancona, Via Breccia Bianche 60131, Ancona, Italy).

Submission of a paper to *Chemistry and Ecology* will be taken to imply that it represents original work not previously published, that it is not being considered elsewhere for publication, and that if accepted for publication it will not be published elsewhere in the same form, in any language, without the consent of editors and publisher.

It is a condition of acceptance by the editor of a typescript for publication that the publishers acquire automatically the copyright in the typescript throughout the world.

Authors are requested to suggest the names of five potential referees. All papers will be independently referred. At least two referee reports plus the advise of one member of the Editorial Board are requested for making decision about manuscript acceptance.

Electronic manuscript submission is encouraged either through Gordon and Breach or directly to the Editor. While submitting the manuscript the Authors automatically become available as potential Referees for other manuscript dealing with the same subject and submitted to the journal.

Language: English.

Abstract: Each paper requires an abstract of 100 - 150 words summarising the significant coverage and findings.

Keywords: Each paper must have three to six keywords.

American Chemical Society Classification Codes: In addition to Keywords, authors are encouraged to provide three to six classification codes from the ACS classification system.

Figures

All figures should be numbered with consecutive Arabic numbers, have descriptive captions, and be mentioned in the text. Keep figures separate from the text, but indicate an approximate position for each in the margin.

Preparation: Figures submitted must be of a high standard for direct reproduction. Line drawings should be prepared in black (India) ink on white paper or on tracing cloth, with all lettering and symbols included. Alternatively, good sharp photoprints ("glossies") are acceptable. Photographs intended for halftone reproduction must be good glossy original prints, of maximum contrast. Clearly label each figure with author's name and figure number; indicate "top" where this is not obvious. Redrawing or retouching of unusable figures will be charged to authors.

Size: The preferred width of submitted line drawings is 20 to 23 cm with capital lettering 4 mm high, to accommodate reduction to single-column width. Photographs for halftone reproduction should be about twice the desired size.

Colour plates: Whenever the use of colour is an integral part of the research, or where the work is generated in colour, the journal will publish the colour illustrations without charge to the authors. Reprints in colour will carry a surcharge. Please write to the publisher for details.

Equations and Formulae

Mathematical: Mathematical equations should preferably be typewritten, with subscripts and superscripts clearly shown. It is helpful to identify unusual or ambiguous symbols in the margin when they first occur. To simplify typesetting, please use: (1) the "exp" form of complex exponential functions; (2) fractional exponents instead of root signs; and (3) the solidus (/) to simplify fractions e.g. 3/4, $\exp x^{1/2}$.

Chemical: Ring formulae, and other complex chemical matter, are extremely difficult to typeset. Please, therefore, supply reproducible artwork for equations containing such chemistry. Long reaction sequences should be designated as "Schemes" and treated like figures; i.e. keep artwork separate from the text, indicate in the margin an appropriate position, and supply a separate list of scheme captions. Where necessary, individual chemical formulae can be identified with bold Arabic numbers. Chemical equations referred to in the text should be indicated with Arabic numbers set over to the right in parentheses.

Marking: Where chemistry is straightforward and can be set (e.g., single line formulae), please help the typesetter by distinguishing between e.g., double bonds and equal signs, and single bonds and hyphens, where there is ambiguity. The typesetter finds it extremely difficult to identify which symbols should be set in roman (upright) or italic or bold type, especially where the paper contains both mathematics and chemistry. Therefore, please underline all mathematical symbols to be set italic and put a wavy line under bold symbols. Other letters not marked will be set in roman type.

Tables

Number tables consecutively with roman numerals, and give each a clear descriptive caption at the top. Avoid the use of vertical rules in tables. Indicate in the margin where the typesetter should place tables.

References and Notes

References must be indicated in the text by the Harvard (name and date) system; either "Recent work (Smith, 1970) ..." or "Recently Smith (1970) has found ...". The full list of references must be collected at the end of the paper in alphabetical order. Listed references must include all details, including article titles. Journal titles must not be abbreviated. In order to avoid ambiguity, details of reports issued by governmental bodies and others must be given in full; it is most important to state publisher and place of publication. The initials of the authors should be placed after their names; the year of publication follows the last named author. Multiple references to work in the same year should be labelled, e.g. 1966 a, b, c. First and last page numbers should be given for articles, and full numbers of pages for reports. Examples:

Bullock, T. H. and Horridge, G. A. (1965). Structure and function in the nervous system of invertebrates. W. H. Freeman and Company, San Francisco, Vol. 2, pp. 1493 - 1494.

Hughes, R. G. (1975). The distribution of epizoots the hydroid *Nemertesia antennina* (L.). *Journal of the Marine Biological Association of the United Kingdom*, **55**, 275 - 294.

It is assumed that with the development of the World Wide Web (WWW), authors and/ or the publisher will propose distribution of articles or parts of articles on the WWW. If the author knows the HTTP address of a references article on the WWW, this information should be added at the end of the reference. Please use the following style: [www http://www.blouk.com/article.html] where http://www.blouk.com/article.html is the HTTP address.

Footnotes

Authors are encouraged to minimise the use of footnotes. A footnote may include the designation of a corresponding author of the paper, current address information for an author (if different from that shown in the affiliation), and traditional footnote content. Information concerning grant support of research should appear in a separate Acknowledgements section at the end of the paper, not in a footnote. Acknowledgements of the assistance of colleagues or similar notes of appreciation also properly belong in an Acknowledgements section, not in footnotes. Footnotes should be indicated in the text by the following symbols: * (asterisk or star), † (dagger), ‡ (double dagger), ¶ (paragraph mark), § (section mark), || (parallels), # (number sign). Do not use numerals for footnote call-outs, as they may be mistaken for bibliographical reference call-outs or exponents. Type each footnote at the bottom of the typescript page on which its text call-out appears. Footnotes within a table should be indicated by the same symbols listed above. Reinitialise symbol sequence within tables. Type footnotes to a table directly beneath the table.

Text call-outs to Figures, Tables

Text call-outs to figures, tables and other elements are the basis for searching articles on electronic delivery. Therefore, proper designation of text call-outs to figures and other elements is essential to the success of electronic delivery. When referring to a figure, table or other element within an article, always call be element by its full name: "See Table 1", Figure 1 illustrates # , "Refer to Scheme". Do not use ambiguous call-outs (for example, "1 illustrates # ") that do not clearly denote the element being referred to.

Submission of articles on disk

The publisher welcomes article submission on disk. Disk files should be submitted with the final hard copy manuscript. The disk file and hard copy must match exactly. When typing the article, do not include design or formatting information. Type all text flush left, unjustified and without hyphenation. Do not use indents, tabs or multi-spacing. If an indent is required, please note it by a line space; also mark the position of the indent on the hard copy manuscript. Indicate the beginning of a new paragraph by typing a line space. Leave one space at the end of a sentence, after a comma or other punctuation mark, and before an opening parenthesis. Be sure not to confuse lower case letter "l" with numeral "1" or capital letter "O" with numeral "0". Distinguish opening quotes from close quotes. Do not use automatic page numbering or running heads.

Tables and displayed equations may have to be re-keyed by the typesetter from your hard copy manuscript.

Articles prepared on most word processors are acceptable. If equations and/or scientific symbols have been imported into the article from another program, please provide details of the program used and the procedures followed. If author-created macros have been used, please use them as well.

Illustrations that are available in an electronic format are acceptable; please supply them on a separate disk. Please clearly indicate on the disk the file format and/or program used to produce them, and supply a high-quality hard copy of each illustration as well. If more than one disk is submitted, please number each disk. Please mark each disk with the journal title, author name, abbreviated article title and file names. Retain a back-up copy of each disk submitted and pack the disks carefully before shipping. Complete the Author Disk Submission form that appears at the back of the journal (forms also may be obtained from the publisher and journal editor in chief) and submit it with the disk and hard copy manuscript.

Submission of animation

Author-supplied animation related to articles accepted for publication will be included in the journal CD-ROM at no cost to authors. Animations are limited to a time duration of 30 seconds. Animation should be submitted to the journal editor along with the manuscript. Animations in the following forms (in order of preference) can be accepted from authors:

- Video tape
- AVI or QuickTime files
- A sequence of still images

The following formats can be accepted:

- all uncompressed formats widely used on PC, Mac, and UNIX
- JPEG for coloured and compressed images
- TIFF with a group IV compression for black and white compressed images
- FLI and FLC format from AutoDesk.

Authors who submit animations are requested to provide the following information:

- Video tape-format used.
- AVI or QuickTime files-version used, and system used for disk file creation.
- Sequences of still images-format used, version and system used for disk file creation.

Authors who are unable to supply video tape, AVI or QuickTime file may provide the publisher with a set of sequential still images. Note that an animated sequence will consist of 13 to 15 still images per second of animation; e.g., if an animated sequence is 10 seconds in duration, it is made up of 130 images. Authors who are unable to submit in any of the above-mentioned formats are advised to contact the publisher to discuss other options prior to submission. Animation should be mentioned in the text. Indicate an approximate location for the animation call-out in the margin.

Proofs

Authors will receive page proofs (including figures) for correction, which must be returned to the typesetter within 48 hours of receipt. Please ensure that a full postal address, plus phone, fax and e-mail numbers, where available, is given on the first page of the typescript, so that proofs are not delayed in the post. Authors' alterations in excess of 10% of the original composition cost will be charged to authors.

Reprints

Twenty-five free reprints will be provided to the first-named author of each paper. Additional reprints may be ordered by completing the appropriate form sent with proofs.

Page Charges

There are no page charges to individuals or institutions. See journal inside cover for information on the publisher's negative charge voucher and voluntary page charge programmes.