

**Guidelines for manuscript preparation**

Revised June 1989

**Purpose of these guidelines**

These guidelines have been assembled in order to make the preparation of a manuscript for publication more efficient in that they encourage standardization of certain aspects of communication [e.g., similar usage of units, adherence to agreed-upon procedures such as those established by the International Mineralogical Association (IMA)] without constraining authors to inflexible writing styles. Following these guidelines and any revisions listed on the inside back cover of subsequent issues of the journal is likely to reduce time spent during manuscript revision and will help assure rapid publication at reasonable cost.

**Introduction**

*American Mineralogist*, the journal of the Mineralogical Society of America (MSA), publishes the results of original scientific research in the general fields of mineralogy, crystallography, and petrology. Manuscripts are judged on the basis of significance, originality, appropriateness of subject matter, and clarity of presentation. The decision regarding acceptance or rejection of a manuscript is the responsibility of the editor and co-editor and is based in large part on the recommendations of associate editors and reviewers. Membership in MSA is not a prerequisite for publication in *American Mineralogist*.

The journal has limited space and publication costs are heavy. Authors are therefore urged to write as concisely as possible and to avoid repetition and unnecessary detail. Overlong manuscripts (more than 50 double-spaced pages, including references, figures, and tables) may require special arrangements prior to consideration for publication. A prospective contributor should study these guidelines and examine recent issues of *American Mineralogist* to become familiar with the style and requirements of the journal. The limitations set by page size and layout in particular should be noted.

**Letters and Software Notices**

Besides regular articles, scientific contributions to *American Mineralogist* include Letters and Software Notices. Letters provide rapid publication (4–6 months) of results that are judged to be timely, significant, and of sufficient general interest to be read by those outside the specific field of interest that the paper addresses. To be considered as a Letter, manuscripts must meet the same requirements for preparation as those for regular articles and, in addition, must be no more than 15 pages in length (counting the title page and each figure and/or table as a separate page). The figures submitted with the manuscript must be camera-ready (i.e., ready for the printer) to allow for rapid publication; thus the requirements for figures in these guidelines must be strictly adhered to. Also, the names and telephone numbers of at least four potential reviewers must accompany the manuscript, along with a brief justification of why the author feels that the manuscript is appropriate for consideration as a Letter. If reviews are favorable, authors must complete any required revision in less than one week—otherwise, at the Editor’s discretion, the paper may be reassigned to regular article status.

Software Notices are announcements of existing computer software that would be of interest to a significant proportion of the readers. Only a brief description of the software is appropriate, and no program listings will be published. Authors must mention how the software can be obtained, listing costs (if any), available media and formats, and any other pertinent data. Software Notices must adhere to the same guidelines as apply to regular articles, and they are subject to review.

**Submission of manuscript**

All scientific contributions to *American Mineralogist* should be sent directly to

Dr. Donald R. Peacor, Editor

*American Mineralogist*

University of Michigan

1006 C. C. Little Building

Ann Arbor, Michigan 48109-1063, U.S.A.

Note that telephone and FAX numbers are given on the inside front cover of the current issue.

A letter of transmittal, including a statement that the manuscript has not been previously published, wholly or in part, must accompany the manuscript. The telephone and/or FAX numbers of the corresponding author should be given. Also, although reviewers are selected by the

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2 Memorials may be sent directly to the MSA Memorial Editor, Dr. Brian H. Mason, M.S. NHB 119, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560, U.S.A.
associate editor, authors should feel free to supply in the transmittal letter the names, addresses, and, if possible, the telephone and/or FAX numbers of persons outside their own institution who they think would be qualified reviewers. (Note that this list of potential reviewers is required for Letters.) Authors are strongly advised to have their manuscripts reviewed by colleagues before submission; the letter of transmittal should include the names of those colleagues.

Three copies of the manuscript must be submitted in English. Before submission, authors for whom English is not a native language must have the manuscript reviewed by a colleague for whom English is a native language. Failure to do so will delay the review process and, in some cases, will be grounds for rejection.

**PAGE CHARGES AND REPRINTS**

Authors are requested to pay page charges of $50 per printed page, although current publication costs are higher than that amount. Payment of page charges is not a condition of acceptance of a manuscript for publication; however, MSA depends largely on the revenue generated from page charges and reprint orders to keep membership costs low. For this reason, authors are asked to make every effort to obtain funds for page charges or reprints from their granting agency or institution. Authors who pay $50 per printed page will receive 100 reprints (without covers). Authors who cannot pay page charges may purchase reprints. First authors who are MSA members and who cannot pay page charges or purchase reprints are entitled to a small number of reprints as a benefit of membership. Authors of memorials, review papers, and official MSA presentations are exempt from page charges and will receive 100 free reprints.

A form with the page-charge order and billing instructions accompanies page proofs and must be returned to the MSA Business Office at the same time page proofs are returned to the Editorial Office; any purchase-order forms required by the author's institution may be sent at a later time to the MSA Business Office at 1625 I Street, N.W., Suite 414, Washington, D.C. 20006, U.S.A.

**MINERAL NOMENCLATURE**

New mineral names and redefinitions of existing names must be approved by the Commission on New Minerals of the International Mineralogical Association (Fleischer, 1970) before publication. For this purpose, a copy of the manuscript should also be sent to Dr. J. A. Mandarino, Chairman, Commission on New Minerals and Mineral Names, Royal Ontario Museum, 100 Queens Park, Toronto M5S 2C6, Canada. Authors must provide the Editorial Office with evidence of IMA approval of any new mineral names.

Writers naming new minerals must conform to the rules and principles set forth in Nickel and Mandarino (1987). The paper by the Commission on New Minerals and Mineral Names (1982) should be consulted for a suggested outline for new-mineral descriptions. The abstract of a new-mineral description should completely list the properties of the mineral in a manner consistent with the "New Mineral Names" section of the journal. The paper by Nickel and Mandarino (1987) gives more information on procedures. Additional information is given by Dunn (1977). Naming of regular interstratifications of clay minerals is discussed by Bailey (1982).

In general, manuscripts proposing new names for imperfectly or incompletely described minerals cannot be accepted.

Obsolete, discredited, or superfluous mineral names may not be used. A helpful guide is *Glossary of Mineral Names* (Fleischer, 1987). This glossary is taken as the standard for the spelling of mineral names. Use of element symbols as prefixes to the approved name of a mineral (e.g., Mg-chlorite, Cr-diopside) should be avoided, unless specifically approved by the IMA. A list of discredited mineral names and examples of acceptable and unacceptable usages of mineral names appear in Nickel and Mandarino (1987).

**CRYSTALLOGRAPHIC DATA**

For crystallographic data, the recommendations of the Commission on Crystallographic Data of the International Union of Crystallography (Kennard et al., 1967) are standard in this journal. X-ray powder-diffraction data may be tabulated if necessary to characterize the mineral. If such data are similar to data already published or listed in the Powder Diffraction File (PDF), then a statement to that effect is sufficient. Improvements to previously available powder data can be contributed directly to the PDF without publication. powder patterns should be indexed whenever possible, and unit-cell parameters should be listed; if these procedures cannot be followed, the reasons should be stated. If the space group is known or determined, a powder pattern whose extinctions are inconsistent with the space group should not be published without explanation of the inconsistent extinctions.

**METEORITE NOMENCLATURE**

New meteorite names must be approved by the Nomenclature Committee of the Meteoritical Society [Dr. A. L. Graham, Secretary, British Museum (Natural History), Cromwell Road, London, SW7 5BD, U.K.]. Other meteorite names must conform to the spelling given in the *Catalogue of Meteorites* (4th edition) by Graham et al. (1985) or in subsequent numbers of the *Meteoritical Bulletin* (published in Meteoritics).

**FORMAT OF MANUSCRIPT**

Appendix 1 of these guidelines contains a checklist for manuscript preparation. Some format guidelines are detailed in this section as well. Double spacing of each page is an absolute necessity; this means that at least 6 mm of white space appears between the typed lines, including
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between subscripts in one line and superscripts in the line below.

The parts of the manuscript should appear in the order given here. All pages must be numbered, and only one side of each sheet may be used. No separate listing of table titles is needed, nor is there a need to begin each main section on a new sheet of paper (although one or two lines of extra space before and after a new heading are helpful). Figures and tables should be mentioned in numerical order in the text.

The increased application of computer systems for information retrieval requires that both title and abstract be as brief as possible. Authors should avoid complex symbols in titles. To facilitate identification in indexing and abstracting, it is recommended that authors spell out one of their given names rather than precede surnames with initials only.

1. Title

The title and any subtitle should be typed with the first word (preferably not an article) and all proper names capitalized. Other words are lower case. Underlining or italics is unnecessary, except for mathematical symbols, etc.

2. Name(s) and address(es) of author(s)

Name(s) should be typed in all capital letters; address(es) should be typed below their respective names with only initial letters capitalized and without underlining or italics. Space is saved if all authors at a given address can be grouped together, but this procedure is not mandatory.

3. Abstract

The abstract should state concisely in no more than 250 words what was done and what was concluded; if possible the abstract should include important numbers (e.g., temperature range, main X-ray lines, thermodynamic data). Literature citations should not appear in the abstract.

4. Text

Headings. Appropriate headings are used to break the text into sections. The first word and any proper names are capitalized; no underlining or italics should be used except for mathematical symbols, etc. Only three orders of headings may be used: main or first-order headings, second-order headings, and third-order headings, e.g., “Experimental techniques” (first-order; centered), “Hydrous experiments” (second-order; on a line by itself, flush left), and “Control and calculation of H2O contents of experimentally produced melts” (third-order; after a paragraph indention and followed by a period). Further insight on headings and heading order may often be gained by consulting a paper on a similar subject in a recent issue of the journal. The heading style used in these guidelines is consistent with that in the journal.

Usage. American spelling and usage according to The American Heritage Dictionary and/or Webster’s Third New International Dictionary of the English Language are standard in the journal. The usage notes in the former are especially helpful. To promote clarity, American Mineralogist follows the recommendations of The Chicago Manual of Style, including those regarding capitalization, hyphenation of unit modifiers (e.g., unit-cell dimensions), and commas before “and” in a series of three or more items. SI units are treated as described in ASTM Publication E 380-85 (Standards for Metric Practice); measurements involving SI units that are grammatically used as unit modifiers before a noun are also hyphenated (e.g., 1.0-nm spacing). Table 1 lists most of the units currently used in the journal. Presentation of mathematical equations is patterned after Mathematics into Type (Swanson, 1979). The journal also follows the recommendations of the IMA regarding correct use of mineral names (detailed in the references in the section of these guidelines on mineral nomenclature).

Other sources for assistance. For questions on organization, writing style, and usage not covered in these guidelines, answers can usually be found by examining a paper in the same field in a recent issue of the journal. Helpful discussions of the preparation of manuscripts are found in How to Write and Publish a Scientific Paper (Day, 1983) and Suggestions to Authors [U.S. Geological Survey, 1978; out of print, but a new edition is expected soon (Hansen, 1989)]. The recommendations in these books may smooth the path to publication.

Italics and boldface. Examples of symbols that should be italicized are listed in Table 1. Symbols for vectors should be underlined with a wavy line to indicate boldface. Numbers, Greek letters, and superscripts and subscripts that are mere labels (i.e., are not themselves variables) are not italicized. Polytypes are italicized, but site labels are roman (e.g., muscovite-2M1 but M1 site).

It is most helpful if authors indicate (by underlining) where italics are required for crystallographic axes and polytypes, mathematical variables, etc. Greek letters are automatically printed in an italic (i.e., slanted) fashion and so should not be underlined. Any symbol that may be difficult to interpret should be explained in a penciled note in the margin. Many items formerly typeset in italics are now typeset in roman, however (e.g., et al.), and a check of a recent issue may prevent unnecessary underlining that must be deleted by the Editorial Office.

Chemical and mathematical notation. As many levels of superscripts and/or subscripts as will be needed are available; complex notation should be explained to the Editorial Office in a letter or marginal note so that the manuscript can be correctly marked for typesetting. It would be helpful if sections of text with much complex notation were triple spaced, because insertion of many computer codes is necessary to achieve the correct typeset result.

It is cheaper to typeset simple reactions, equilibria, and mathematical equations as part of the running text rather than as a display. Therefore, if these items do not need to be referred to later by a number, they should be incorporated into the text, as, for example, \( y = mx + b \). If


### Table 1. Units (never italics) and symbols (usually italics)

<table>
<thead>
<tr>
<th>Type</th>
<th>Symbol</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (l)</td>
<td>m</td>
<td>meter(s)</td>
</tr>
<tr>
<td></td>
<td>cm</td>
<td>centimeter(s) (1 cm = 10^-2 m)</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>millimeter(s) (1 mm = 10^-3 m)</td>
</tr>
<tr>
<td></td>
<td>μm</td>
<td>micrometer(s) (1 μm = 10^-6 m)</td>
</tr>
<tr>
<td></td>
<td>nm</td>
<td>nanometer(s) (1 nm = 10^-9 m)</td>
</tr>
<tr>
<td>Area</td>
<td>A</td>
<td>square meter(s)</td>
</tr>
<tr>
<td>Volume</td>
<td>V</td>
<td>cubic meter(s)</td>
</tr>
<tr>
<td>Density</td>
<td>ρ</td>
<td>kilogram per cubic meter</td>
</tr>
<tr>
<td>Concentration</td>
<td>c</td>
<td>mole per liter</td>
</tr>
<tr>
<td>Frequency</td>
<td>f</td>
<td>hertz</td>
</tr>
<tr>
<td>Energy</td>
<td>E</td>
<td>joule(s)</td>
</tr>
<tr>
<td></td>
<td>J</td>
<td>kilojoule(s) (kJ)</td>
</tr>
<tr>
<td></td>
<td>kcal</td>
<td>kilocalorie(s) (kcal)</td>
</tr>
<tr>
<td>Pressure</td>
<td>P</td>
<td>pascal(s) (Pa)</td>
</tr>
<tr>
<td></td>
<td>kPa</td>
<td>kilopascal(s) (kPa)</td>
</tr>
<tr>
<td></td>
<td>MPa</td>
<td>megapascal(s) (MPa)</td>
</tr>
<tr>
<td>Temperature</td>
<td>T</td>
<td>kelvin(s)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>η</td>
<td>poise(s)</td>
</tr>
</tbody>
</table>

### Miscellaneous style points

- Reactions, equilibria, and mathematical equations are punctuated as part of the sentence; for example, the FMQ buffer reaction is:

\[ 3\text{Fe}_2\text{SiO}_4 + \text{O}_2 = 2\text{Fe}_2\text{O}_3 + 3\text{SiO}_2. \]

#### FAYALITE

- **Mineral names** must be centered under reactants and products or if a space-consuming fraction is involved, however, the item should be set off as a display (i.e., placed on a separate line by itself).

- Reactions, equilibria, and mathematical equations that are referred to subsequently are displayed and numbered sequentially by using a number in parentheses at the right margin. They should be referred to in the text as Equation 3, Reaction 4, or Equilibrium 5 (or—in parentheses, figure captions, or tables—as Eq. 3, Reaction 4, or Equilibrium 5).

- **Reactions** should be on separate lines, indented, and set off as a display (i.e., placed under a horizontal line).

- **Equilibria** are referred to subsequently are displayed and numbered sequentially by using a number in parentheses at the right margin.

- **Equations** are referred to in the text as Equation 3, Reaction 4, or Equilibrium 5 (or—in parentheses, figure captions, or tables—as Eq. 3, Reaction 4, or Equilibrium 5).

- **Equations** should be on separate lines, indented, and set off as a display (i.e., placed under a horizontal line).

- **Equilibria** are referred to subsequently are displayed and numbered sequentially by using a number in parentheses at the right margin.

- **Equations** should be on separate lines, indented, and set off as a display (i.e., placed under a horizontal line).

- **Equilibria** are referred to subsequently are displayed and numbered sequentially by using a number in parentheses at the right margin.

- **Equations** should be on separate lines, indented, and set off as a display (i.e., placed under a horizontal line).

### 5. Acknowledgments

The acknowledgments section should be brief. Authors are requested to double check grant numbers and spelling of personal and company names.

### 6. References cited

**Scope.** All references mentioned in the text, figures, tables, and other supporting parts of the manuscript must be in the reference list and vice versa; the accuracy of the references, including matching the author names and years in the text with those in the reference list, is the responsibility of the author. Any unpublished information, including papers in preparation or submitted but not yet accepted should be omitted from the reference list. These can be referred to in the text, with the person’s name, “personal communication” (or “unpublished manuscript” or “unpublished data”), and (optional) the year.
Style. All authors in the references must be listed as last name, comma, initials (an exception is that exactly repeated author names—all authors, not just the first one—in succeeding references are indicated by a dash). When an author does not have a middle initial, the first name may be spelled out to avoid confusion. However, if the last name is probably unique among workers in the field, only the initial of the first name is needed.

Journal names must be spelled out in full. No parts of the reference are italicized, boldface, or underlined. Appendix 2 gives examples of the common types of references; the current issue of the journal will provide other examples.

References are cited in the text as follows: for one author, by the surname of the author and the year of publication; for two authors, by the surnames of both authors (connected by “and”) and the year of publication; and for three or more authors, by the surname of the first author plus “et al.” (in roman type, not italicized or underlined) and the year of publication. If the citation is completely parenthetical, a comma separates the author(s) from the year. If the name of the author is grammatically part of a sentence, the year is put in parentheses and no comma is used. Two references whose citations would be identical in the text are differentiated by adding a lower-case “a” and “b” after the year of publication in both the text and the reference list. When these references appear together in the text, the year should appear twice (e.g., Smith, 1987a, 1987b—not Smith, 1987a,b).

The reference list is arranged alphabetically by the surname of the first author. For multiple references to the same first author, the following approach results in a user-friendly list: (1) Multiple references with one author are given chronologically (oldest reference first). (2) Multiple two-author references with the same first and second authors are chronological; two-author references with different second authors are ordered alphabetically by the second author and then chronologically (oldest first). (3) Multiple references with the same first author and with three or more total authors are given in chronological order (oldest first).

7. Appendixes

Supplementary material may be made into one or more appendixes. Each must be titled and numbered, even if there is only one, e.g., “Appendix 1. Sample descriptions.” Generally, appendixes are set in a smaller typesize to save space. They may also be placed in MSA’s depository. Tables may form part or all of the appendix material; appendix tables are described in section 11.

8. Figure captions

Figure captions should be brief; they should not duplicate information in the figure. Each caption begins with a paragraph indention and the abbreviation “Fig.” followed by the figure number and a period. Multiple parts of figures may be indicated in any convenient way, such as (A) and (B), (a) and (b), (left) and (right), or (upper) and (lower). If letter designations are used for the parts, the figures should actually be labeled with those letters.

9. Footnotes

Footnotes, except those in tables, are generally discouraged in scientific writing; usually the material can be skillfully incorporated in the text. Nevertheless, certain material does require a footnote; examples include present addresses, directions for obtaining depository tables (or figures) and computer programs, disclaimers regarding commercial product use by governmental agencies, etc. All footnotes should be indicated by a superscript number except those for present addresses, which carry an asterisk. All footnotes should be double spaced. The content for directions for obtaining depository tables is as follows: “A copy of Table X may be ordered as Document AM-YY-ZZZ from the Business Office, Mineralogical Society of America, 1625 I Street, N.W., Suite 414, Washington, D.C. 20006, U.S.A. Please remit $5.00 in advance for the microfiche.” The author should supply the Y value; the Editorial Office will supply the YY and ZZZ values.

10. Tables

Tables in the text are typeset by the printer. Therefore, they must be double spaced, as computer-typesetting codes will be written on the manuscript copy. No particular typescript width or style of type is required. The table titles should be brief and typed with sentence-style capitalization directly at the top of their respective tables, followed by a double rule. The column headings (with appropriate units in parentheses) are followed by a single rule. Any headings that occur within the body and apply to a block of data may be either centered or placed flush left. A rule goes at the end of the table, and another rule goes after the footnotes, if any.

No vertical or diagonal rules may be used in tables. Column headings must be upright, not turned sideways. Brackets to delineate groups of data may be used if necessary; the groups should be clearly marked on the manuscript copy.

Symbols (*, **, †, ‡, §, ¶) are used for table footnotes, instead of numbers, and may be neatly handwritten. (In the rare table with numerous footnotes, capital letters may be used instead of extensive doubling and tripling of symbols.) Put any general explanatory material as the first footnote (preceded by Note). The current issue of the journal will provide examples of approaches to complex tables.

11. Appendix tables

Appendix tables for typesetting should be prepared as detailed in the section on tables.

Very long appendix tables may be prepared camera-ready. Appendix tables for camera-ready publication in American Mineralogist must be typed so that they can be reduced to fit in one column (8 cm or 3.15 in.) or two columns (16.4 cm or 6.5 in.). Except as noted below, the maximum length after reduction is 21.9 cm (8.6 in.). If a
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TABLE 2. Sizes for camera-ready appendix tables (before reduction for printing)

<table>
<thead>
<tr>
<th></th>
<th>Letter Gothic</th>
<th>Smaller typeface</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(cm)</td>
<td>(in.)</td>
</tr>
<tr>
<td>Width</td>
<td>16</td>
<td>11.4</td>
</tr>
<tr>
<td></td>
<td>6.3</td>
<td>4.5</td>
</tr>
<tr>
<td>Length</td>
<td>43.8</td>
<td>31.3</td>
</tr>
<tr>
<td></td>
<td>17.2</td>
<td>12.25</td>
</tr>
</tbody>
</table>

Letter Gothic typeface is used, the table can be reduced to one-half its original width without losing legibility. If a typeface that is smaller than Letter Gothic is used (i.e., the lower-case letters are <2 mm high), then the table can be reduced to only 70% of its original width. Therefore, the maximum original (before-reduction) table dimensions should be as shown in Table 2. The maximum length for two-column-wide tables is slightly longer than for one-column-wide tables because the space normally devoted to the page number and “running head” can be used if no text appears on the page.

To conserve space, camera-ready appendix tables should be typed with single spacing (i.e., no space between lines) if at all possible. Half-line spacing or double spacing may be used if necessary because of superscripts and subscripts. Horizontal rules are the same as in typeset tables in the text. No vertical rules are used. Authors may request individual help in determining a workable size for such tables; however, the main constraints are the area of the journal page and the requirement that the height of the smallest letter, number, or symbol (after reduction to publication size) be no less than 1.1 mm. Appendix tables may also be placed in MSA’s data depository.

FIGURES

As much as possible, figures should be prepared for reduction to one-column width. After reduction, the shortest letter or number on a figure should be ≥1.1 mm high, and, for the best appearance, none of the letters and numbers should be >3 mm high.

The section on figure captions explains how to deal with figures having multiple parts. If letter labels are needed, they must be placed on the figures (within the image area) before submission. For figures with multiple photographs, each photograph should be trimmed carefully with any unnecessary area removed (maintaining right-angle corners, however). The several photographs should then be mounted on a flexible but sturdy backing paper and covered with a protective sheet. They should actually touch each other; the printer will overlay a fine white line during the printing process to separate the various parts (e.g., the photographs on p. 300, vol. 72, of American Mineralogist).

Each figure must be marked with its number in such a way that it is not damaged in the process. Ink from felt-tip pens may smear on the adjoining figure in the stack if the ink is not thoroughly dried. Ballpoint pens may indent the paper and mark the figure so that it is unusable. A safe method is writing on the back of the figure or in the corner on the front (outside the image area) with felt-tip pen, then allowing the ink to air-dry thoroughly. If there is any chance of smudging, the dry ink may be covered with clear tape.

If at all possible, about 2.5 cm (1 in.) of space should be left above each figure or mounted group of figures for later insertion of printing instructions.

Copies of figures may be submitted for review purposes; originals or camera-ready glossies may be retained by the author until the revised manuscript is submitted to the associate editor or the editor calls for them.

DEPOSITORY ITEMS

Tables and figures to be deposited at the Society’s headquarters do not have to comply with the above guidelines; however, they must be no larger than 28 cm × 43.2 cm (11 in. × 17 in.).

DISCUSSIONS AND REPLIES

Authors may submit brief discussions of papers already published. Such discussions should be written only to take issue with or to clarify matters of scientific content; anything of a personal nature will be removed by the editor or associate editor. Authors of an article under discussion will be invited by the editor to write a brief reply and submit it to the Editorial Office. Both discussions and replies are subject to review. The discussant and the replier have the opportunity to see each other’s final manuscript in order to assure that only one round of discussions will appear in print.

REVIEW PAPERS

The journal may publish review papers on subjects of general interest from time to time. Such papers should not merely be a reiteration of previously published data, but should serve to selectively assemble previously published information and to then analyze and reinterpret it in such a way that new insights are gained and science is advanced. In addition, duplication or condensation of articles in the Reviews in Mineralogy series is not generally appropriate for publication in American Mineralogist.

Review papers are subject to the same review procedures as technical manuscripts. The author of a review paper will receive 100 free reprints, as review papers are considered to be a service to MSA.

PAGE PROOFS

Changes in proofs

Changes made at the page-proof stage are expensive and are discouraged. An author who makes extensive changes in text (such as rewriting passages or changing data on tables) will be billed for all lines that must be reset and all additional lines in the paragraph that must be reset as a result of the additions or deletions. Reshooting of figures because of an author’s changes will also be charged to the author.
Returning page proofs

Authors will be advised of the month in which page proofs will arrive when their manuscript is accepted. If they expect to be away at that time, it is their responsibility to provide the Editorial Office with an alternative address to which the page proofs may be sent or to make other arrangements for the proofs to be checked and returned.

Authors have 7 days from the date that is stamped on the page proofs to return them to the Editorial Office. They should be returned to the Editorial Office by first class mail (allow 5 business days) or overnight mail, if necessary, in the United States, Mexico, and Canada. Return proofs promptly by air mail or overnight mail from other countries.

REFERENCES CITED


Dunn, P.J. (1977) From unknown to known: The characterization of new mineral species, Mineralogical Record, 8, 341-349.


Please see checklist on the following page
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APPENDIX 1. CHECKLIST FOR MANUSCRIPT PREPARATION

☐ Three copies of the manuscript must be submitted to Dr. Donald R. Peacor, Editor, American Mineralogist, Department of Geological Sciences, University of Michigan, 1006 C. C. Little Building, Ann Arbor, Michigan 48109-1063, U.S.A.

☐ The manuscript copies must be accompanied by a letter of transmittal stating that the manuscript has not been previously published, wholly or in part, and is not and will not be submitted elsewhere for publication while it is in review for American Mineralogist.

☐ The telephone and/or FAX number of the corresponding author must be given.

☐ Letter submissions must be accompanied by addresses and telephone and/or FAX numbers of at least four potential reviewers.

☐ Letter submissions must be no more than 15 pages, counting title page, figures, and tables.

☐ Figures with Letter submissions must be camera-ready.

☐ All material submitted for publication (including items on title page, references, appendices, figure captions, footnotes, and tables) must be typed double spaced (i.e., one full line space—about 6 mm—between each line of text; one-half line space is insufficient for insertion of computer codes for typesetting). Copy must be full size (i.e., not xerographically reduced). The only exceptions are (1) items to be deposited and (2) camera-ready appendix tables.

☐ All material must be submitted on one side only of standard-weight paper.

☐ All paragraphs must be indented at least four spaces.

☐ All figures and tables must be mentioned in numerical order in the text. Authors should make a final check that each figure, table, and equation number mentioned is correct, as the numbering scheme may have been changed several times during manuscript preparation.

☐ Only English-language manuscripts are published in American Mineralogist. Before submission, authors for whom English is not a native language must have their manuscript reviewed by a colleague for whom English is a native language.

☐ American spelling and usage are standard in the journal.

☐ Journal names in the References cited section must be written out in full.

☐ There should not be any underlining or italics for any part of a reference; all parts are set in roman type.

☐ All authors’ names in references are inverted. Book editors’ names are not inverted, however.

☐ All references mentioned in the text, figures, tables, etc., must be listed in the References cited section and vice versa.

☐ Mathematical variables are set in italic type. Commonly used physical and mineralogical quantities and their appropriate units are listed in Table 1. Except for bars and kilobars, SI units are preferred.

☐ All manuscript pages are numbered sequentially and all figures are numbered.

Word-processed manuscripts

☐ Hyphenation at the ends of lines should be “turned off.”

☐ No right justification or proportional spacing is used (ragged right and uniform, generous spacing between words are much easier for the printer to typeset correctly).

☐ Whenever there is a choice, a larger type size is better, especially for superscripts and subscripts.

☐ Dot-matrix output, unless of high quality, may lead to errors in typesetting that will be charged to the author.

☐ Spelling checks are recommended.

APPENDIX 2. METHODS FOR LISTING VARIOUS KINDS OF REFERENCES

Journal article or article in a serial publication


Book (total pages optional)


Article in a book


Abstract (only use “abs.” if the reference is not in an abstracts volume)


Reference in press (= accepted for publication)


Report


Thesis (total pages optional)


Reference in language other than English


Secondary reference


Translation