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AUTHORS' INSTRUCTIONS FOR PREPARATION OF MANUSCRIPTS FOR PUBLICATION IN THE OHIO JOURNAL OF SCIENCE

THE OHIO JOURNAL OF SCIENCE considers for publication submissions of the following nature:

1. Solicited Submissions - Book Reviews, Research Reviews

2. Unsolicited Submissions - Brief Notes, Research Reports

Solicited submissions will be requested at time of preparation of the manuscript. Book Reviews will be solicited of individuals expert in the subject matter of the book to be reviewed. The approximate length will be 750 words, and the text will include a brief description of the subject matter addressed by the volume, its outstanding strong points, and any obvious weaknesses. Research Reviews will be solicited to serve as extensive surveys of the literature of an area of science in which Academy members have an interest. In general, reviews will comprise five to ten printed pages. Organization and format of solicited material will be determined by the author(s) and the editorial staff.

Unsolicited submissions in the form of presentations of qualitative or quantitative data pertinent to any of the sections of the Academy listed inside the front cover, will be considered for peer review. Brief Notes are manuscripts which will be published on less than two printed pages and which will contain two or more pieces of illustrative material. Regardless of the length of manuscript, unsolicited submissions should be organized according to the following format:

Page 1 - Title, Author(s), Affiliation(s), Abstract

Page 2 and the remainder - Body of the Paper in the order: Introduction, Materials and Methods, Results, Discussion, Acknowledgements, Literature Cited, Tables, Figure Legends, Figures.

STYLE. The general style of papers previously published by THE JOURNAL should be employed, and can be determined by reading recent issues of THE JOURNAL. Manuscripts should be typewritten with wide margins on 21.6 x 27.9 cm (8.5 x 11 in) paper, and be double-spaced throughout including the title and abstract. The only words to be underlined are scientific names. Spell out numbers one through nine and use Arabic numerals above nine. Extensive quotations in the text should be typed slightly indented from the other text. Acceptable symbols and abbreviations for units of measurement should be used as given in the CBE Style Manual, 5th ed. (Council of Biology Editors, Inc., 1990). Abbreviation of journal titles should be supplied by the author, and should be used as given in the CBE Style Manual.

EXTENT OF DATA. The abstract should consist of three to five sentences which will serve to orient the reader briefly to the content of the paper. It should be typed in capital letters between the address and the abstract. The abstract should be self-sufficient for the presentation of main conclusions and any new methods or procedures critical to the results presented in the text.

TITLE, AUTHOR(S), AFFILIATION(S). The first page of the manuscript should contain the title, author(s) name(s), the affiliation of the author(s) at the time the research was carried out, or to indicate the author to whom inquiries should be directed, and the abstract. Each figure must have a complete legend even though the material is described in the text. Legends should be placed below the figure. In general, figures will be sized to fit the page, not to be reduced to size. Lettering should be large enough to read easily. Each figure must have a complete legend.

TABLES. Tables should be typed double-spaced, one table to a page, numbered consecutively, and placed in the manuscript after Literature Cited. Since tables must be individually typeset, consolidation of data into the smallest number of tables is encouraged. A horizontal double underline should be made beneath the title of the table, and single underlines should be made the width of the table below the column headings and at the bottom of the table. Do not place horizontal lines in the interior of the table. Footnotes should be used to clarify questions within the table, and should be noted by asterisks, daggers, or other symbols to avoid confusion with numerical data. General style of tables can be seen in recent issues of THE JOURNAL.

ABBREVIATIONS. Abbreviations of journal titles should be used as given in the CBE Style Manual. Abbreviation of journal titles should be supplied by the author, and should be used as given in the CBE Style Manual.

ACKNOWLEDGEMENTS. Colleagues and/or sources of financial support to whom thanks are due for assistance rendered in completion of the research or preparation of the manuscript should be recognized in this section rather than in the body of the text.

LITERATURE CITED. References to scientific literature should be arranged alphabetically by first author's last name according to the following examples:


Abbreviation of journal titles should be supplied by the author, and should follow the CBE Style Manual. Footnotes to tables are permissible, and may be numbered consecutively. Figures should be photographs, hand- or computer-generated line drawings in black ink. For the sake of economy, closely related illustrations should be grouped and mounted close together on white cardboard for reproduction as a single unit; however, line drawings and photographs should not be grouped together or combined in a single figure. Each figure, or collection of figures in a plate, should be identified along the top by number of the figure and figure number, and on the back with name of author(s) and manuscript title. Illustrations other than those generated by the author must bear permission for use and credit to the originator. ORIGINAL ART WORK WILL NOT BE RETURNED UNLESS SPECIFICALLY REQUESTED AT TIME OF SUBMISSION. THE AUTHOR MUST SUPPLY A STAMPED SELF-ADDRESSED ENVELOPE FOR RETURN.

FOOTNOTES. Footnotes should not be used with the following exceptions. A footnote to the title will be added editorially to state the dates of manuscript submission and revision. A footnote to name(s) of author(s) may be used to indicate a present address different from that at which the research was done, or to indicate the author to whom inquiries should be directed. All other material or comments must be incorporated into the text. In no case should literature citations be inserted as footnotes. They must be listed in the Literature Cited section. Footnotes to tables are permissible, and are encouraged to promote clarity.

Attention to the above instructions will minimize the need for revision and editorial correction, and will shorten the time from submission to publication. Any questions which are not answered by these instructions, by examining papers in recent issues of THE JOURNAL or by the CBE Style Manual, 5th ed., should be addressed to the editor.
Forced Teaching of Creationists Beliefs in Public School Science Education

A RESOLUTION

OF THE OHIO ACADEMY OF SCIENCE

WHEREAS, it is a responsibility of The Ohio Academy of Science to preserve the integrity of science; and
WHEREAS, science is a systematic method of investigation based on continuous experimentation, observation, and measurement leading to evolving explanations of natural phenomena, explanations which are continuously open to further testing; and
WHEREAS, evolution fully satisfies these criteria, irrespective of the remaining debates concerning its detailed mechanisms; and
WHEREAS, the Academy respects the right of people to hold diverse beliefs about creation that do not come within the definition of science; and
WHEREAS, Creationists groups are imposing beliefs disguised as science upon teachers and students to the detriment and distortion of public education in the United States;

THEREFORE BE IT RESOLVED that because "Creationist Science" has no scientific validity it should not be taught as science, and further, that the OAS view legislation requiring "Creationists Science" to be taught in public schools as a real and present threat to the integrity of education and the teaching of science; and

BE IT FURTHER RESOLVED that the OAS urges citizens, educational authorities, and legislators to oppose the compulsory inclusion in science education curricula of beliefs that are not amenable to the process of scrutiny, testing, and revision that is indispensable to science.

Adopted April 23, 1982
by the Governing Council of The Ohio Academy of Science