

1990

Back Matter

Follow this and additional works at: <https://digitalcommons.morris.umn.edu/jmas>

Recommended Citation

(1990). Back Matter. *Journal of the Minnesota Academy of Science, Vol. 55 No.3*, 25-25.
Retrieved from <https://digitalcommons.morris.umn.edu/jmas/vol55/iss3/8>

This Article is brought to you for free and open access by the Journals at University of Minnesota Morris Digital Well. It has been accepted for inclusion in Journal of the Minnesota Academy of Science by an authorized editor of University of Minnesota Morris Digital Well. For more information, please contact skulann@morris.umn.edu.

Notice to Contributors of Articles

Persons submitting papers for publication in the *Journal* are asked to prepare material in accordance with style and format preferences of this publication. Although some of these requirements may differ from those of other publications, cooperation of authors is necessary to comply with the printing process.

Publication Policy

Membership in the Minnesota Academy of Science is desirable but not necessary for publication. All papers that meet the editorial criteria of the Academy will be considered for publication. Papers should not have been published, submitted, or accepted for publication elsewhere.

Submission Requirements

Research articles, review articles, and essays will be considered for publication. An original and two complete copies of each manuscript, typed double-spaced on 8½ by 11 inch paper, should be submitted, along with one set of original photographs or illustrations. Number pages consecutively, beginning with the title page. *Review articles* and *essays* may be divided into sections with appropriate headings and sub-headings at the discretion of the author; an abstract and a reference section must be included. *Research articles* should be arranged as follows: (a) Title page with the title, authors' names and affiliations; (b) Abstract; (c) Introduction; (d) Materials and Methods; (e) Results; (f) Discussion (may be included with the Results); (g) References; (h) Tables; (i) Figures; and (j) Legends for all figures. Simple chemical formulas or mathematical equations should be in a single horizontal line; submit more complicated formulas or structures in a form suitable for photographic reproduction.

Specific style requirements are as follows:

Title. Titles should be brief but informative and limited to about 100 characters.

Authors. Authors of research articles should include their full names and affiliations; persons submitting review articles or essays should include a brief, relevant biographical sketch. Submit the full name, address, and phone number of the author to whom all correspondence is to be directed on a separate page.

Running title. A brief running title of not more than 50 characters should be provided.

Footnotes. Footnotes cannot be used.

Abstract. An abstract of about 250 words which summarizes the major findings should be included. Use of abbreviations is discouraged; if needed, they must be defined.

Introduction. The introduction should acquaint the reader with the problem or question addressed by the author's investigation.

Materials and Methods. Description of the experimental methods should be brief but adequate for repetition by qualified investigators. Procedures that have been published previously should not be described in detail but merely cited in appropriate references.

Results. This section should include a concise description of the data presented in the tables and figures. Excessive elaboration of data already given in tables and figures should be avoided. The results and discussion sections may be combined if the logical sequence of the material is improved.

Discussion. In this section, the data should be interpreted concisely without repeating material already presented in the results section. Speculation is permitted.

References. References should be numbered consecutively as they are cited in the text. The format to be used for Journal references is as follows:

1. Croxton, F., and Crowden, D. 1946. *Applied General Statistics*. New York: Prentice-Hall, Inc.
2. Baker, D. 1960. Temperature trends in Minnesota. *Bull. Amer. Meteorological Soc.* 41:1-18.
3. Upton, F.C. 1957. Physical carcinogenesis: radiation, history and sources. In: F.F. Becker (ed.), *Cancer*, Vol. 3, pp. 387-402. New York: Plenum Press.

Tables. Each table must have a descriptive title and an explanatory paragraph that permits the reader to understand experimental details without reference to the text. Each column must carry an appropriate heading and if numerical measurements are given, these units should be added to the column heading. Tables should be numbered with Arabic numerals and table footnotes should be indicated with superscript, lower-case letters.

Figures. Figures must be submitted in a condition adequate for direct reproduction in the Journal. Each figure should be accompanied by a legend, typed double-spaced on a separate sheet of paper, that briefly describes the data shown. Details in the text need not be repeated. All units, abbreviations, mathematical expressions, abscissas, ordinates, and symbols must be adequately identified.

Page Charges

Ability to pay page charges is not a prerequisite for publication in the *Journal*. However, if grant or institutional funds are available for such charges, the Academy appreciates the help in defraying publication costs. Details are provided at the time that proofs are mailed to authors.

MINNESOTA ACADEMY OF SCIENCE

Pioneer Building, Room 916
St. Paul, Minnesota 55101

Nonprofit Org.
U.S. Postage
PAID
St. Paul
Minnesota
Permit No. 5464

Supporting Contributors

Contributions from businesses, scientific and academic organizations, foundations, institutions and individuals provide essential support to the Minnesota Academy of Science beyond the dues of members. Their contributions, which are tax-deductible, may be made as annual donations or as stipends for specific projects, memorials or other Academy purposes. Present contributors are:

Cargill Foundation
Chem/Serv, Inc.
Cray Research Foundation
Ford Motor Company
General Mills Foundation
3M Foundation
Pentair Industries, Inc.
State of Minnesota
Unisys
US WEST

Support for Special Projects

Academy of Applied Sciences
and the
U.S. Army Research Office