Information for Contributors

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INFORMATION FOR CONTRIBUTORS

Papers considered for publication in the Iowa Science Teacher's Journal shall be the results of original investigation and thought. They will be judged on the basis of their contribution of original data and ideas or interpretation. Papers from nonmembers will be accepted for publication only upon the vote of the Editorial Board.

Articles should be mailed to the editor (R. E. Yager, Science Education, SUI, Iowa City, Iowa). After initial processing each article will be forwarded to two members of the Editorial Board for review, editing, and recommendation concerning publication. Every effort will be made to inform the authors of these recommendations as soon as possible. A minimum of two months will be required. Some effort will be made to provide a theme for a given issue which may affect the time required for publication. The members of the Editorial Board are: Leland Wilson, SCI, Cedar Falls; James Devibiss, Westmar, LeMars; Delma Harding, ISU, Ames; Ray Haun, Drake, Des Moines; Donald Biggs, ISU, Ames.

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General Suggestions

The cooperation of the authors in following these general suggestions will be appreciated:

1. Convey the message (or information) as clearly and concisely as possible.
2. Supply clear figures that are suitable for reproduction.
3. Submit manuscripts in the form and style described below.
4. Proofread manuscript carefully for errors. Correct them.
5. Furnish address for reaching authors as quickly as possible.
6. When the manuscript is initially submitted, include a statement authorizing the Editorial Board to make needed (or necessary) editorial changes.

Specific Instructions

Manuscripts are to be typed on good quality bond paper, 8½ x 11 inches, on one side only, and submitted in duplicate. A third copy of the manuscript should be kept by the author so that necessary correspondence between Editor and author can be accomplished without mailing a copy of the manuscript each time. All copy, including quotations, footnotes, tables, literature references, and legends for figures, should be double-spaced. The sequence of material submitted should include: title page, the manuscript proper, references, tables, figures, and photographs. These pages should be numbered consecutively.

1. The title page should include the title, author's name, and institutional affiliation. It is recommended that titles be short, preferably not more than ten to fifteen words. A condensed running head of not more than thirty-five letters and spaces should be provided. A head and shoulder photograph of the author should be attached to the original copy. Wherever possible this photograph will be used with each article published.

2. The manuscript.
   a. The headings for the main subdivisions should be centered and typed in capital letters. Second-order headings should be typed with paragraph indentation with major words beginning with capital letters. They should end with a period. The text should follow on the same line without extra spacing. When three types of headings are required, the third-order heading should be typed with paragraph indentation, with only the initial letter of the first word capitalized, and underlined. It should end with a period with the text following on the same line.
   b. In the text the location of each figure and table should be indicated by a clear break in the typing with instructions set off by lines above and below:

   Insert Figure 1 about here

   c. Acknowledgements should be made in the introduction or as a footnote to the title.
   d. Each figure and table should be referred to in the text.
   e. Literature references in the text should be indicated by author, followed by the year of publication in parentheses.

3. Only references actually cited should be listed. They should be listed alphabetically by first author on a separate sheet of paper under the heading LITERATURE CITED. Each citation should be complete, consisting of author, year of publication, title of article, journal, volume, and inclusive pages. The form chosen should be used consistently.

4. Excessive use of footnotes should be avoided. Those that are necessary should be numbered consecutively and typed at the bottom of the page on which they occur.

5. Each table should be typed on a separate page. The table number and descrip-
tive title should be at the top of the page. Arabic numerals should be used in number-in the tables.

6. A brief figure legend should be provided for each diagram, graph, map, and photograph. It should not be incorporated in the figure. All legends are set in type by the printer and should be typed on a separate page following the tables. The figures should be numbered with Arabic numerals.

7. Illustrations.
   a. On the margin or back of each illustration the following should be carefully written in pencil: number of the figure, name of the author, and abbreviated title of the paper. If paper clips are used, they should not be placed on any part of the figure which is to be reproduced.
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8. When it is desirable to indicate the magnification in photomicrographs or drawings, the scale in microns (or other suitable units) should be drawn directly upon the print or drawing. This allows greater flexibility in scaling for reduction and hence greater accuracy in indicating the size of the subject.

9. No galley or page proof will be provided unless specifically requested by the authors. Usually such requests for approval of proof will cause at least one month's delay in publication.

9. No reprints will be provided or available. However, each author will receive an extra copy of the particular issue. It is permissible for each author to mimeograph copies of his own article so that he has the benefit of reprints for distribution.

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CENTRAL SYSTEM
EVERYONE please note the frog
Like last week's dog
Is vertebrate
Is whole of spine
Is not yet dead
So naught will interfere
With the experiment
We amputate his brain
By the simple expedient
Of cutting off his head
There
Now hanging him from wire and fish-hook
We take a bit of acid-dipped white gauze
Apply it to his back
Note that
In your notebook
Without a pause
His hind leg reaches up and tries to rub away
What he has never known since he was spawned
Beneath a log
In a green lily pond
Which proves the spine
Of any headless frog
Thus touched with sulphur brine
Though any acid serves
Connects directly to the nerves
—from Duels & Duets
by Edmund Skellings