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# Transactions Of The Nebraska Academy Of Sciences And Affiliated Societies Volume X July 1982 Front Matter

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In 1969, during its eightieth session, the State Legislature of Nebraska passed Legislative Bill 776, which appropriated funds to aid the Nebraska Academy of Sciences in the publication of scientific works submitted by Nebraska scientists. Volumes I and II of the *Transactions* were published under this arrangement, but Volume III was privately financed. Volume IV and succeeding volumes are being published under the auspices of the Nebraska Department of Education with funds authorized by the State Legislature, supported by the Governor.

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**1982**

This cover design represents the merging of the disciplines of the biological and social sciences with those of the earth and physical sciences.

**TRANSACTIONS**  
**of the**  
**NEBRASKA ACADEMY OF SCIENCES**  
**and Affiliated Societies**

**Volume X**

**July 1982**

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The Nebraska Academy of Sciences was founded 30 January 1880  
and is affiliated with the American Association for the Advancement  
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ALL PERSONS interested in science, including the changing environments  
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Volume X

July 1982

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# NEBRASKA ACADEMY OF SCIENCES, INC.

The membership of the Academy consists of those individuals and institutions interested in science, and those persons actively working and contributing to science in the state of Nebraska. It includes nonprofessional persons, as well as representatives from education, the professions, industry, and governmental agencies.

The Academy was organized in 1880 in Omaha with 75 charter members, and reorganized in 1891 in Lincoln.

The Academy was incorporated in 1950 as a nonprofit educational institution, and it is neither a state agency, nor is it sponsored by any particular university, college, or other Nebraska educational organization. In 1963 the Internal Revenue Service established the Academy's rating as "Section 501(c)(3)" of the Internal Revenue Code. The Policy Committee of the Academy is made up of one representative from each of the colleges and universities of the state.

## OBJECTIVES

The objectives of the organization are to further the work of scientists and science teachers in the high schools and colleges of the state, to facilitate cooperation among them, to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of science in human progress.

## RESOLUTION

The following resolution concerning our environment was recently approved by the Academy membership:

Be it resolved that the Nebraska Academy of Sciences, as the principal organization representing the scientists of the state, is greatly concerned with the deterioration of the environment. The scientific talent of Nebraska is considerable, and it is hoped that individually and collectively it may be better utilized by both state and federal agencies in addressing problems of destruction of trees, native prairie, groundwater resources, and habitats.

## "FRIEND OF SCIENCE" AWARDS

These awards are given to persons who are not actively engaged in scientific teaching or research, but who have shown unusual interest in promoting science and in sponsoring scientific programs in Nebraska. The following Nebraskans have received a Friend of Science Award: Mrs. Mabel L. Criss, Omaha (1970); Dr. Walter D. Behlen, Columbus (1976); Dr. Vance D. Rogers, Lincoln (1977); George and Olivia Lincoln, Lincoln (1980); and Mr. and Mrs. Thomas C. Woods, Jr., Lincoln (1981).

## FRIENDS OF THE ACADEMY

The following organizations and individuals have shown interest in the program of the Nebraska Academy of Sciences, and have generously provided funds (including donations for scholarships, memorials, and research) during the past six years in order to help expand the work of the Academy in promoting research and good basic teaching of science and technology in the science departments of the high schools, community colleges, colleges, and universities of the state:

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Three copies (an original and two photocopies) of the manuscript and figures, in finished form, should be sent to the Academy office with the understanding that it is to be published exclusively in the *Transactions*, unless otherwise arranged in advance. Authors must keep a copy (4th copy) of their manuscripts for reference.

Manuscripts should be typewritten and double-spaced **throughout**, including the References section and tables. Title, author, address with ZIP code, and shortened running title should appear on a separate page. Measurements should be reported in metric units. Headings used within the main text should be consistent: centered and all caps for primary headings, left margin/bold print for secondary headings, and left margin/bold italics with text run in for third-level headings.

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### Book:

Kennedy, C. R. 1975. Ecological animal parasitology. New York, John Wiley and Sons: 163p.

### Contained:

Davidson, D. 1968. Actions, reasons, and causes. In M. Care and L. Landesman (eds.), The theory of action. Bloomington, Indiana University Press: 188–190.

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Manuscripts longer than twenty (20) pages and those with an unusually large number of illustrations may require financial cooperation of the author.

Questions should be directed to Dr. C. B. Schultz, Executive Director and Managing Editor, Nebraska Academy of Sciences, 306 Morrill Hall, 14th and U Streets, Lincoln, Nebraska 68588 (telephone: 402/472-2662 or 472-2644).