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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.

\* \* \* \*

This cover was designed by Jill Sack, Nebraska Department of Education, and represents the merging of the disciplines of the biological and social sciences with those of the earth and physical sciences.

\* \* \* \*

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*Volume VI*  
*October, 1978*

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Three copies (an original and two carbons) of the manuscript should be sent to the editor or to the appropriate division editor. Following review by outside reviewers and the editorial board, the author will be notified of the status of his or her paper.

The editor gratefully acknowledges the assistance of the many individuals who reviewed manuscripts submitted for this volume VI.

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