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Foreword

The Virginia Academy of Science takes particular pride in the five purposes for which it exists, two of which are: "To encourage scientific research in Virginia and to arouse public interest in science" and "To render public service in scientific matters."

When it became known that the State of Virginia would publicly recognize the 350th anniversary of the settlement of Jamestown, the officers of the Academy saw a unique opportunity to "arouse public interest in science" and to "render public service in scientific matters."

It was decided to publish a special issue of the Virginia Journal of Science in which would be included chapters describing certain basic aspects of the scientific and cultural development of Virginia.

It was thought appropriate to include one chapter on the race of mankind that inhabited Virginia before the arrival of another race to establish the settlement at Jamestown. Hence a section on Indians has been prepared by Dr. Bruce D. Reynolds, Professor of Biology, University of Virginia.

Of fundamental importance in the history of any state or nation is the composition and structure of its rocks; an article on the Geology of Virginia has been prepared by Dr. Arthur Bevan, one time State Geologist of Virginia and recently retired as Principal Geologist, Illinois State Geological Survey.

It was recognized that all aspects of science could not be included in a single number of a journal; therefore a chapter on the History of Science in 17th Century Virginia has been prepared by Dr. Ivey F. Lewis, formerly Head of the Miller School of Biology and recently retired as Dean of the College, University of Virginia.

Probably the first and most obvious source of food for the settlers was from the waters of the ocean and tidal streams. Since those days seafood has been an important part of the State's economy and much scientific study has been devoted to shell fish and fin fish. The article on Fisheries has been written by Dr. John L. McHugh, Director, Virginia

Fisheries Laboratory, and Mr. Robert S. Bailey also of the Virginia Fisheries Laboratory.

The scientific and economic status of a nation bears a direct and distinct relationship to the health of its inhabitants. Virginia has always been a leader in the development of medical sciences; hence a chapter on this topic was included in this Commemorative Issue of the Journal. It was prepared by Dr. Sidney S. Negus, Professor of Biochemistry, Medical College of Virginia.

The attractive design for the cover was prepared by Mr. Horace Day, Professor of Art, Mary Baldwin College.

We are confident that readers of this Jamestown Festival number of the Virginia Journal of Science will appreciate the time and energy the above Virginians put into the preparation of these articles. Members of the Virginia Academy of Science wish to express sincere thanks to the authors and to Mr. Day.

Particular expression of thanks and appreciation are due Dr. Horton H. Hobbs, Professor of Biology, University of Virginia, and Editor, Virginia Journal of Science, and Miss Mary E. Humphreys, Associate Professor of Biology, Mary Baldwin College, Associate Editor, who assumed the additional work and responsibility of editing and making all arrangements for the Commemorative Issue.

MARCELLUS H. STOW, *Chairman*

Jamestown Festival Committee,

Virginia Academy of Science

November 20, 1956

Lexington, Virginia