

**CONCHOLOGIA CESTRICA:
THE MOLLUSCOUS
ANIMALS AND THEIR SHELLS,
OF CHESTER COUNTRY, PA.**

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WILLIAM D. HARTMAN & EZRA MICHENER

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THE
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AND THEIR
SHELLS,
OF CHESTER COUNTY, PA.

BY
WILLIAM D. HARTMAN, M.D.,
AND
EZRA MICHENER, M.D.

With Numerous Illustrations.

"An undevout philosopher is mad."



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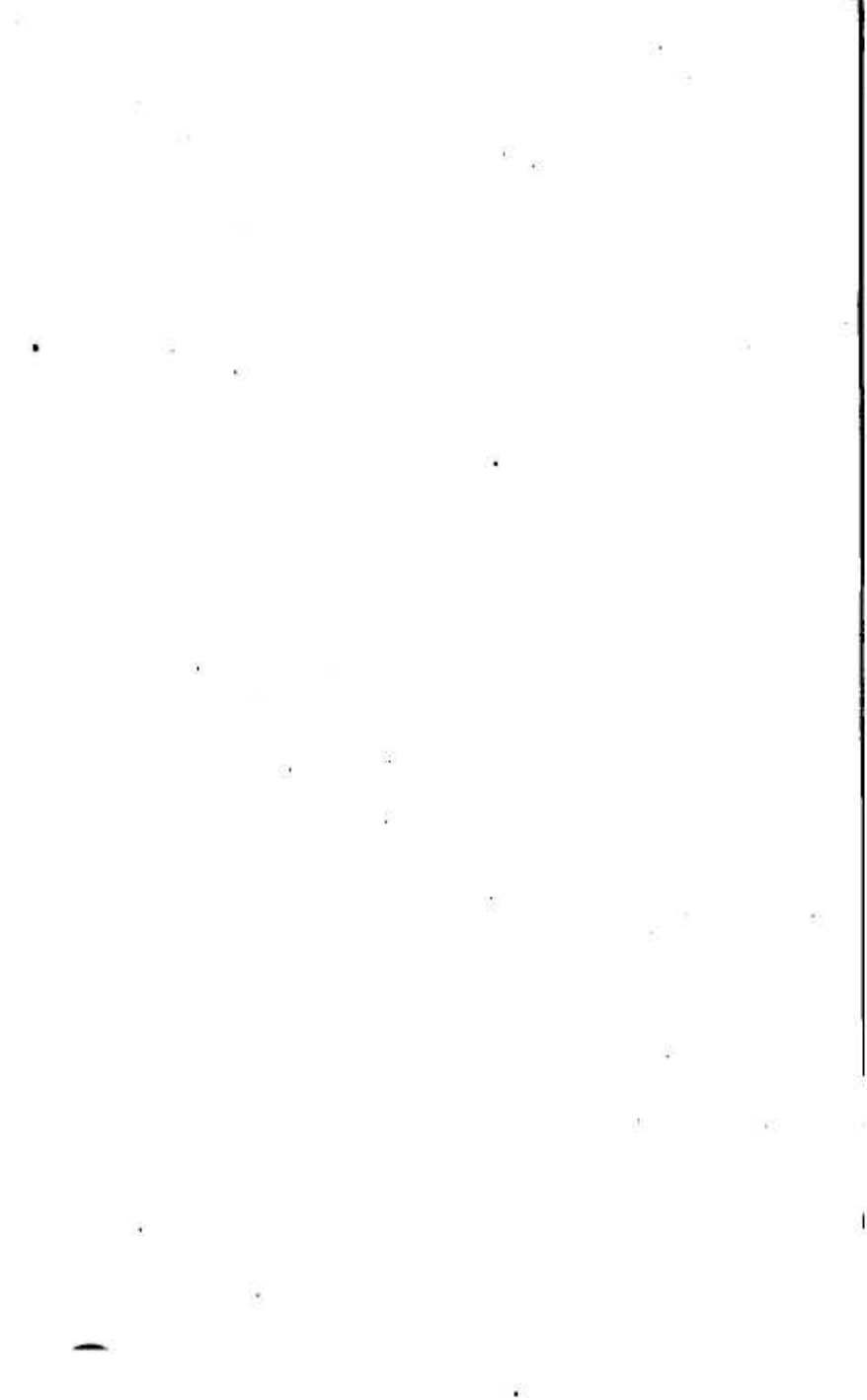
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THROUGH the kindness, and liberality, of Professor *Joseph Henry*, Secretary of the Smithsonian Institution, we have been permitted to take electrotype copies of numerous wood-cuts, originally prepared for its own publications.*—In this way, we have been enabled, fully to illustrate the present work—an advantage which would, otherwise, have been unattainable, on account of the cost.

*The figures of *Unicoides* were drawn from nature, and cut especially for the present purpose.



PREFACE.

THE idea has been long entertained, of collecting the *Natural Productions* of Chester County, with special reference to the elucidation of its *Prospective History*. With this object in view, THE CABINET OF NATURAL SCIENCE OF CHESTER COUNTY was organized, in the year 1826. From that time forward, several of its members engaged, with ardor, in the work. But it was soon discovered that the field for research was too ample—the labor too great—the laborers too few, for this *desideratum* to be speedily attained. Yet, much has been accomplished.

The indefatigable industry, and scientific acumen, of the late Doctor *William Darlington*, has left little more to be done, in *Phænogamous and Filicoid Botany*, within our limits. His little *FLORULA CÆSTRICA* appeared in 1826. It was followed, eleven years after, by the more extended, and complete, *FLORA CÆSTRICA*. This was greatly enlarged, and improved, in a *third edition*, in 1853. It was also rendered more comprehensive, by the addition of the remaining *Anophyta* (the *Mosses* and *Liverworts*) furnished by *Thomas P. James*; and the *Thallophyta* (the *Lichens* and *Collemas*) by *Dr. E. Michener*.

More recently, the last named gentleman has collected, and arranged, an extensive herbarium of *Hysterophyta* (he *Fungi*), a large proportion of which were in the county.

Thirty years ago, *Dr. E. Michener* collected, and preserved, specimens of most of the *Mammalia*, *Birds*, and *Reptiles*, known to inhabit Chester County. More recently, *Vincent Bernard* successfully occupied the same field. These important collections have mostly been placed in the Cabinet of Swarthmore College.

The proverbial richness of our county, in *rare* and *valuable minerals*, is amply sustained, and illustrated, by the splendid *Mineralogical Cabinets* of *William W. Jefferis*, and other *savans*.

Last, but not least; in 1853, *Dr. William D. Hartman* prepared "*A Descriptive Catalogue of the Terrestrial; and Fluvial, Testaceous Mollusks, of Chester County,*" containing fifty-nine species. The cost of printing prevented the publication at that time of more than "*A Classified Catalogue*" of the species.

More than a duplication of the number of species then known to inhabit the county, and the progressive improvements in classification and nomenclature, have rendered that *Catalogue* obsolete, and imperiously calls for one more in accordance with the advanced state of the science. Our wish, and desire, is *to supply this want*. And we entertain the hope that our effort will be received with indulgence; and, that it may serve to diffuse a taste for, and facilitate the study of, this interesting branch of our rich *Fauna Cestrica* among our young naturalists.

A few *extra-limital* species have been inserted, from the eastern slope of the mountain range, in our State; and which may yet occur within this county.