

country by Professor P. R. Uhler of the Maryland Academy of Sciences.

Further contributions were made by Professor Heilprin<sup>1</sup> upon the Tertiary formations of Maryland during the years 1881 and 1882, in which correlations are proposed for the Eocene and Miocene deposits of the state.

An article entitled "Notes on the Cumberland or Potomac Coal Basin," by H. G. Jones,<sup>2</sup> appeared during the latter year in the Proceedings of the American Philosophical Society, with a discussion by J. P. Lesley. Professor I. C. White contributed an article upon the same subject, which appeared in the same volume, entitled "A Rectification of the Section made by Mr. Jones."

Scharf's "History of Western Maryland, being a History of Frederick, Montgomery, Carroll, Washington, Allegany and Garrett Counties from the earliest Period to the present Day," contains an account of the topography and geology by Professor Uhler.

The contributions of Professor F. D. Chester on the geology of Delaware beginning in 1883 contain several references to the geological conditions of northeastern Maryland and should be consulted in a study of that area.

Several articles were published by Mr. Persifer Frazer, Jr., upon the geology of the northern portion of the Piedmont plateau during this decade, in which the slate and copper rocks are especially considered.

In 1884 Professor Heilprin published an important volume, entitled "Contributions to the Tertiary Geology and Paleontology of the United States," in which a systematic review is given of the Tertiary deposits of the Middle Atlantic slope, and a classification of the Eocene and Neocene deposits of Maryland is proposed.

Swank's "History of the Manufacture of Iron in all Ages," published in 1884, contains a special chapter entitled "Early Enterprises in Maryland," in which the early furnaces of the state are de-

<sup>1</sup> Proc. Acad. Nat. Sci., Phila., vol. xxxiii, 1881, pp. 444-447. Ibid. vol. xxxiv, 1882, pp. 150-186.

<sup>2</sup> Vol. xix, 1882, pp. 11-110.