

timore”<sup>1</sup> and “Amphibole-Anthophyllite from Mount Washington, Baltimore County.”<sup>2</sup>

The work which Dr. Williams had been conducting upon the ancient eruptive rocks to the north and west of Baltimore ever after his arrival in Maryland found expression in a memoir entitled “The Gabbros and associated Hornblende Rocks occurring in the neighborhood of Baltimore, Maryland,”<sup>3</sup> that was published by the United States Geological Survey in 1886. A short article “On a Remarkable Crystal of Pyrite from Baltimore County, Maryland,”<sup>4</sup> appeared in the University publications the same year.

The growth of the Geological Department and the wider insight which was acquired regarding the complicated geological history of the Piedmont belt led to the preparation of a systematic scheme for the geological mapping of the region about Baltimore. An account of this is found in an article “On a Plan proposed for Future Work upon the Geological Map of the Baltimore Region.”<sup>5</sup> A small pamphlet was also brought out by Dr. Williams about this time upon “Notes of the Minerals occurring in the Neighborhood of Baltimore.”<sup>6</sup>

In the autumn of 1887 Dr. William B. Clark became associated with the Johns Hopkins University as instructor of stratigraphic geology and paleontology, and at once took up a study of the geological formations represented in the eastern and southern portions of the state, and an article “On Three Geological Excursions made during the months of October and November, 1887, into the Southern Counties of Maryland”<sup>7</sup> was published in the University Circulars in 1888.

In conformity with the plan outlined by Professor Williams and above described, Mr. W. H. Hobbs, a student of the University, prepared an article “On the Rocks occurring in the Neighborhood of

<sup>1</sup> Johns Hopkins Univ. Circ. No. 38, vol. iv, pp. 65-66.

<sup>2</sup> Amer. Nat., vol. xix, pp. 884-886.

<sup>3</sup> Bull. U. S. Geol. Surv. No. 28, 78 pp., 4 pls.

<sup>4</sup> Johns Hopkins Univ. Circ. No. 53, vol. vi, p. 30.

<sup>5</sup> Johns Hopkins Univ. Circ. No. 59, 1887, pp. 122-123.

<sup>6</sup> Baltimore, 1887, 8vo, 18 pp.

<sup>7</sup> Johns Hopkins Univ. Circ. No. 63, vol. vii, pp. 65-67.