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ART. XVI.—*Classification of the Cambrian System of North America*,* by CHARLES D. WALCOTT.

THE formations included within the Cambrian system, in this paper, are those characterized by the predominance of the types of the "First Fauna"† of Barrande and such additional

* Read before the National Academy of Science at Washington, D. C., April 23d, 1886.

† The "First" or "Primordial Fauna" of Barrande, as found in North America, is characterized by a trilobitic fauna which, in the presence of the genera *Agnostus*, *Paradoxides*, *Olenellus*, *Dicelloccephalus*, *Ptychoparia* and their allied genera, distinguishes it from the succeeding Lower Silurian (Ordovician) fauna.