

AMOS H. WORTHEN.

PALÆONTOLOGIST AND GEOLOGIST.

BORN OCTOBER 31ST, 1812; DIED MAY 6TH, 1888.

AMOS H. WORTHEN, a son of the late Thomas Worthen, was born at Bradford, Orange County, Vermont. He commenced life as a Schoolmaster in Harrison County, Kentucky, but in June, 1836, he removed to Warsaw, Illinois, where he spent the remainder of his life. While engaged in business, he became interested in the science of Geology, and made a large collection of fossils, and also of those remarkable geodes of the Keokuk limestone in that region.

On the institution of the Geological Survey of Illinois in 1851, under Prof. J. G. Norwood, he was appointed his Assistant, which post he filled for four years. From 1855 to 1857 he was Assistant to Professors James Hall and J. D. Whitney on the Geological Survey of Iowa, and the volume published in 1858 owes much of its value and interest to the labours of Mr. Worthen. The many beautiful plates of this large volume are from drawings by Mr. F. B. Meek, who was afterwards associated with Mr. Worthen in the palæontology of his own Reports.

In March, 1858, Mr. Worthen was appointed by the State to the charge of the Geological Survey of Illinois, which position he occupied till 1872, when he became Curator of the Illinois State Museum.

The seven completed volumes of the Geology and Palæontology of Illinois form the best and most lasting monument to his memory. Mr. Worthen left an eighth volume in the press. Besides these voluminous reports, he issued a large coloured geological map of Illinois, and three volumes on the Economical Geology of the State. He was also the means of gathering for the State Museum one of the largest and best collections of fossils in the country.

In the early part of the Survey Mr. Worthen encountered and overcame great opposition. His modesty and earnestness, high character and quiet dignity, gave him great influence, and the many difficulties disappeared before him. Although nearly 75 years of age at his death, he had not given up work; the preparation of the text and plates illustrating the Silurian Invertebrate fossils of Illinois, for the eighth volume, was occupying him, when a sudden attack of pneumonia brought all to an end.—*Silliman's American Journal*, August, 1888.

WILLIAM HELLIER BAILY, F.L.S., F.G.S., M.R.I.A.

PALÆONTOLOGIST AND GEOLOGIST.

BORN JULY 7, 1819; DIED AUGUST 6, 1888.

WE regret to announce the death, at Rathmines, near Dublin, of Mr. W. H. Baily, who, after a lingering illness, passed away on August 6, at the age of 69. The greater portion of his life was