

SARDESON, F. W.—“*The fauna of the Magnesian series. Description of fossils.*” Bulletin of the Minnesota Academy of Sciences. Paper F., Vol. IV., No. 1, pp. 92-105, Pl. V and VI, Feb. 28, 1896. In this paper Prof. Sardeson has done much to clear the veil of obscurity which lay over the palæontological characters of the “Lower Magnesian” and “Potsdam” formations. The former is treated of in this important paper.

CHALMERS, R.—“*Pleistocene marine shore-lines on the south side of the St. Lawrence Valley.*” Amer. Jour. Sc. Vol. 1, pp. 302-308, New Haven, 1896. In this paper Mr. Chalmers brings together a number of observations which seem to correlate and possibly identify the St. Lawrence Valley beach, which is certainly marine, with the Iroquois beach of other authors, and thus reaches the same conclusion arrived at by Taylor, that the marine terraces of the Lake Champlain district coincide with Iroquois, Chippewa and Huron beaches.

WESTON, T. C.—“*Notes on the Geology of Newfoundland.*” Trans., Nova Scotia Institute of Science, Vol. IX, pp. 150-257, Halifax, 1896. This paper contains notes of observations made by Mr. Weston in that island during the summer of 1874. A clear statement of the author's non-belief in the organic origin of “*Eozoon Canadense*” accompanies his notes on the Laurentian System. With reference to the Huronian, the Cambrian and Quebec group of the island, Mr. Weston gives numerous lists of the organic remains comprising species described by the late E. Billings.

Notes on the Devonian, Carboniferous follow the above and thus bring a number of interesting facts together.