

Gros Cap, where slates are found intercalated between granite and gneiss rocks.

Farther west, in the Black Hills of Nebraska, Dr. Hayden has recognized the Primordial fauna in a series of sandstone rocks, resting on slates, mica-schists, and azoic rocks. Dr. Ferdinand Roemer, in his exploration of Texas (*Die Kreidebildungen von Texas und ihre organischen Einschlüsse* Bonn, 1852), has described trilobites from the San Sabaz, which M. Barrande refers to the Primordial fauna; and Dr. B. F. Shumard has since discovered in the same region of Texas, trilobites of the genus *Arionellus*, *Lingulæ*, *Obolus*, and *Orthis*, which leave no doubt of the existence of the Taconic system in Texas (*Trans. of the Acad. of St. Louis*, p. 673, 1860). Even from the small notice of Dr. Shumard, it appears that the Primordial fauna of Texas is almost identical with the one just discovered in the Cantabrian Chain of Spain by Casiano de Prado, (*Bull. de la Soc. Géol. de France*, p. 516, vol. XVII., 1860).