

Seven species are described by Professor Phillips (*Geol. York. Pl. III.*) from the Mountain limestone of Yorkshire. In America these crinoideans abound in strata of the same age, and are considered so characteristic of certain beds, that the term "*pentrametal limestone*" is often employed to designate the mountain limestone of the Illinois.

MARSUPITES MILLERI (G. A. M.), *Lign.* 70, fig. 3. *Wond.* pp. 309, 582.—The fossil skeletons of a genus of Radiaria, related to the Crinoideæ, but separated from them by having no column or support, and being unattached and free, were first noticed and described by the late Mr. Parkinson, as the "*Tortoise Encrinite*" (*Org. Rem.* Vol. II. pl. 13, fig. 24.); but that gentleman, misled by the resemblance of some of the plates to certain species of Actinocrinites, supposed the original was supported by a jointed column. By the examination of numerous specimens obtained from the chalk of Lewes and Brighton, I was enabled to determine its characters, and from the purse-like form when the arms are closed above, proposed the name *Marsupites* (purse-like Crinoidean), which is now generally adopted; the specific name *Milleri*, is in commemoration of the late excellent and able author of the *Nat. Hist. of the Crinoidea*.

The receptacle of the Marsupite is of a subovate shape, rounded and entire at the dorsal extremity, and composed of a large central plate, and a