

divided by transverse furrows into eight or nine rings; lateral lobes marked by six or seven ribs that extend out to the margin. Surface characters unknown.

This species is very closely allied to *M. sculptus* Hicks (Quart. Jour. Geol. Soc., vol. xxvii, p. 400, pl. xvi, figs. 9 and 10), from the Longmynd Group. It differs somewhat in the proportions of the glabella and pygidium, as far as may be judged from the figures given of *M. sculptus*.

The specific name is given from the name of the quarry where the greater portion of the Georgia fauna of Vermont has been found. The present Noah Parker's father discovered the trilobites that were sent to the Rev. Z. Thompson, who forwarded them to Prof. Hall. They were then described, and one, *Olenellus Thompsoni*, was named after Mr. Thompson. I wish to connect the name of the original discoverer of the locality with the fauna and the locality. The quarry is now known as Parker's trilobite quarry and is located about one mile north of Georgia Plains post office.

*Formation and locality.*—Middle Cambrian, Georgia Formation. Parker's quarry, township of Georgia, Franklin County, Vermont.

#### Genus MESONACIS Walcott.

(μέσος, middle, and ἀκίς, point, spear.)

*Mesonacis* Walcott, 1885. Amer. Jour. Sci., 3d ser., vol. xxix, p. 328, figs. 1, 2.

Type of the genus *Olenellus Vermontana* Hall, the generic characters are given under the description of the species. The genus is referred to the family Paradoxidae and is regarded as occupying, in classification, a position between the genera Paradoxides and Olenellus.

#### MESONACIS VERMONTANA Hall (sp.).

Plate xxiv, figs. 1, 1a, b.

*Olenus Vermontana* Hall, 1859. Twelfth Ann. Rep. N. Y. State Cab. Nat. Hist., p. 60, fig. 2; Pal. N. Y., vol. iii, p. 527.

*Barrandia Vermontana* Hall, 1860. Thirteenth Ann. Rep. N. Y. State Cab. Nat. Hist., p. 117. *Idem*, 1861. Geology of Vermont, vol. 1, p. 370, vol. ii, pl. xiii, fig. 2.

*Paradoxides Vermonti* Emmons, 1860. Manual of Geology, p. 280, note A.

*Paradoxides Vermontana* Barrande, 1861. Bull. Soc. Géol. de France, 2<sup>e</sup> sér., t. xviii, p. 277, pl. v, fig. 8.

*Paradoxides Vermontana* Billings, 1861. Geology of Vermont, vol. ii, p. 950, 1863. Geology of Canada, p. 953.

*Olenellus Vermontana* Hall, 1862. Fifteenth Ann. Rep. N. Y. State Cab. Nat. Hist., p. 114. (Generic name *Olenellus* proposed.)

*Olenellus Vermontana* Billings, 1865. Pal. Foss., vol. i, p. 11.

*Olenellus Vermontana* Whitfield, 1884. Bull. Amer. Mus. Nat. Hist., vol. i, p. 152. (Referred to *Olenellus Thompsoni*.)

*Mesonacis Vermontana* Walcott, 1885. Amer. Jour. Sci., 3d ser., vol. xxix, p. 328, figs. 1, 2.

The original description of the species is as follows:

"General form elongate; the posterior extremity obtuse. Head semi-oval, twice as wide as long, the posterior angles produced in short acute