K27 Trilobite bed. Dense blue limestone, containing many trilobite fragments and shells. Lower Oriskany. ............. 5 inches.

This bed is specially noticeable in the hogback northeast of the barn of Mr William Balmos. This is doubtless the locality where Professor Mather and Dr Horton found trilobites so abundantly as to suggest to them the name Trilobite mountain. It is also probably the place from which Dr S. T. Barrett described *Dalmanites dentatus*. The bed maintains a uniform thickness of 4 to 6 inches wherever seen. It is always bounded above and below by an inch of very arenaceous limestone. The included limestone is almost entirely made up of fossil fragments, specially of *Dalmanites dentatus* Barrett, *Rensselaria subglobosa* Weller and *Chonostrophia jervisensis* Schuchert. The following fossils were identified in the strata from K25 to K28 inclusive, along the hogback northeast of Mr William Balmos’s barn.

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31 *Chonostrophia jervisensis* Schuchert C
35 *Cyrtilina rostrata* Hall R
40 *Dalmanella subcarinata* Hall C
47 *Leptaena rhomboidalis* (Wilckens) R
66 *Rensselaria subglobosa* Weller C
71 *Rhipidomella oblata* Hall R
85 *Spirifer murchisoni* Castellani R
106 *Actinopteria textilis arenaria* (Hall) R
122 *Platyceeras ventricosum* Conrad R
126 *Tentaculites acula* Hall C
134 *Dalmanites dentatus* Barrett R
115 *Loxonema jerseyense* Weller C
126 *Tentaculites acula* Hall C
134 *Dalmanites dentatus* Barrett C

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1 Geol. N. Y. 1st Dist. p. 333.