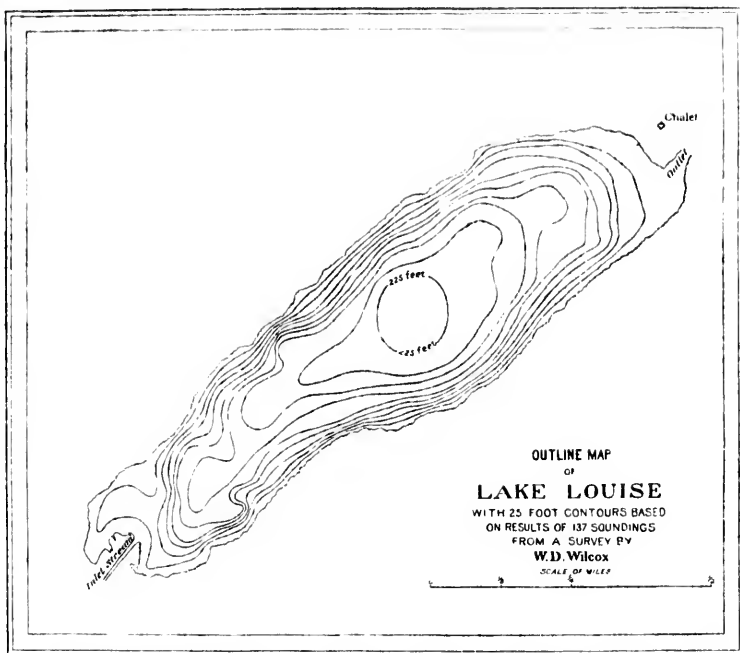


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trilobite, together with a few fragmentary specimens, was found at an altitude of 9500 feet while making an ascent of Hazel peak (10,370 feet, from aneroid reading). These fossils were found on a long scree slope, and though we spent some time searching for the original beds, we did not succeed. Fragmentary specimens of trilobites were also found at an altitude of 10,500 feet while ascending Mount Temple. The best specimen was identified by Mr. C. D. Walcott, Director of the United States Geological Survey, as *Zacanthoides spinosus*, thereby referring the limestone beds from which they came to the Middle Cambrian.



Folds and flexures are absolutely wanting in the whole region surveyed, except for a general but very gentle synclinal structure, having the summit range as the axis. The strata are therefore nearly or quite horizontal everywhere, except in the extreme ends of the spur ranges as they approach the Bow valley. Here there is a gentle and gradual upward tilting, indicative of an anticlinal structure in the Bow valley. The maximum dip here approaches 12° . The valleys are, therefore, formed entirely by erosion. A very interesting example of the results of aerial erosion is seen in the beautiful mountain named by us Pinnacle mountain. The wonderful slender pinnacles or columns seen on the slopes of this mountain are from 100 to 200 feet high, and