

Canada
Geological Survey
Victoria Memorial Museum

BULLETIN No. 1

III.—*The Occurrence of Helodont Teeth at Roche Miette and
Vicinity, Alberta.*

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With the invertebrate fossils collected during the past summer by Mr. D. B. Dowling, of the Geological Survey, and his party, from the limestone bed at the summit of Roche Miette, Alberta, is a small, detached fish tooth which is of interest.

Roche Miette is a noted landmark near Jasper lake, Athabaska river, in the second range of the Rocky mountains, 30 miles northeast of Yellowhead pass. The Grand Trunk Pacific railway passing to the north and west, touches the foot of this mountain, which rises to a height of about 7,700 feet above sea-level.

Other small collections of invertebrate fossils were made by Mr. Dowling at a number of points on the north side of Athabaska river, in a general direction to the north of Roche Miette. One of these includes a second fish tooth which, with the Roche Miette specimen, form the subject of the following remarks.

This other locality from which a fish tooth was obtained is on the eastern face of Bullrush mountain, near a small waterfall on a stream which runs through a deep ravine to Brulé lake. The fall is less than a mile from the lake, and is between 5 and 6 miles from Roche Miette.

According to Mr. Dowling the section studied by him in this area includes the lower part of the Cretaceous as its upper member, beneath which is a conformable series of limestones