

the formation of an estuary entered from the west by the Fraser River Valley, and connected with the eastern sea by the Peace River Gap, then a narrow rocky inlet, similar in appearance to the numerous indentations which now characterize the coast of British Columbia.

Although it may appear presumptuous on my part to speculate freely upon the age of the coal or lignite found in the eastern part of the Peace River country, yet, as the carboniferous limestone of the Rocky Mountains probably underlies that section to a great extent, the hypothesis that true coal exists within that area may be brought forward. Curiously enough, a fossil in some respects resembling the tooth of the *Holoptychius Hibberii* found by Mr. Horner in the cannel coal of Fifeshire, was found associated with the specimen of the coal to which I have referred.

