

THE OTTAWA NATURALIST.

VOL. XV.

OTTAWA, MAY, 1901.

No. 2.

NOTE ON A SUPPOSED NEW SPECIES OF LYTOCERAS FROM THE CRETACEOUS ROCKS AT DENMAN ISLAND, IN THE STRAIT OF GEORGIA.

By J. F. WHITEAVES.

In 1871 Mr. James Richardson, then of the Geological Survey of Canada, collected a fragment of the inner whorls of an Ammonite with numerous slender and finely costulate volutions, a wide, open umbilicus, and rounded venter, from the Cretaceous rocks at Norris Rock, south of Hornby Island, in the Strait of Georgia. This specimen was described by the writer, referred with a query to *Ammonites Jukesii*, Sharpe, and figured, in the second part of the first volume of "Mesozoic Fossils," published in 1879. The type and only known specimen of *A. Jukesii*, it may be mentioned, is a mere fragment from the "hard Chalk of the county of Londonderry," Ireland, described and figured by Sharpe in his monograph of the Cephalopoda of the Chalk, published by the Palaeontographical Society of London in 1853.

Much larger, more perfect and beautifully preserved specimens of the same shell as the specimen from Norris Rock, were collected at Denman Island, near Hornby Island, four in 1892 and three in 1895, by Mr. Walter Harvey, who also obtained a characteristic fragment at Hornby Island in 1892. Three of these specimens from Denman Island are now in the Museum of the Survey, and two of them were described by the writer, under the name *Lyto-ceras Jukesii* (Sharpe), and figured, in a paper "On some Fossils from the Nanaimo group of the Vancouver Cretaceous," published in the Transactions of the Royal Society of Canada for 1895.