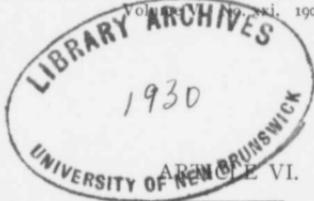


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With the author's regards
Reprinted from Bulletin of Natural History Society of New Brunswick.
Vol. 1, No. 1, 1903.



ON BATRACHIAN AND OTHER FOOTPRINTS FROM
THE COAL MEASURES OF JOGGINS, N. S.

By G. F. MATTHEW, LL. D., F. R. S. C.

Read Oct. 7, 1902.

There have been for some years in the museum of this Society a few small slabs with impressions of footmarks, from the Joggins shore, in Nova Scotia, presented to the Society by P. W. McNaughton, commercial manager of the Joggins mine. These have been thought to be of sufficient interest to call for a detailed description, and for comparison with similar footprints from other places.

The footprints on these slabs are of two types, one of which is comparable with the Chirotherium tracks of the Trias, but more nearly with Batrachian footmarks of the Carboniferous age. There are several different kinds of footmarks of this type.

The other type of footmarks is much smaller, and the imprints are closely placed and linear. These are thought to have belonged to some small Arthropod. The larger, or Batrachian footmarks, are here first described.

~~THEXALOPUS~~, Lea.

n/r / Ring

~~THEXALOPUS~~ (?) McNAUGHTONI, n. sp. Plate II, fig. 1. *n/r*

These are the largest of the footprints in the Society's collection found by Mr. McNaughton. Unfortunately there is not a full series, for only two, and both of these apparently of the fore foot, are preserved. They do not appear to belong to the same series of footmarks, unless the animal was turning in its course