

Before confederation, only fifty-five species of fossils other than plant remains, had been recognized or described from the Cretaceous rocks of what we now call Canada, and, of this number, thirty-two are from Vancouver Island and twenty-three from the North West Territories. Now, we know of 358 species of animal remains from the undoubted Cretaceous rocks of the Dominion, and of 394 if we include the Laramie. These numbers are made up as follows :

From Manitoba and the North West Territories.

Laramie

Mollusca, 35; dinosauria, 1 36 species.

Pierre-Fox Hills.

Radiolaria, 16; other marine invertebrata, 68; coleoptera, 1; 85 "

Belly River series.

Mollusca, additional to those found also in the Laramie, 21;
turtles, 3; dinosauria 1; 25 "

Niobrara-Benton.

Foraminifera, 14; other marine invertebrata (6) and fishes (4)
from Manitoba, 10; Ammonites from the district of Athabaska,
5; from Dunvegan series, mollusca determined, 2; 31 "

Dakota.

One brachiopod and one mollusc, not known to occur also in
the Benton 2 "

179 179

From the Rocky Mountain region.

Niobrara-Benton.

Additional species of marine invertebrata: 9 "

Devils Lake deposits.

Four species additional to those found also and previously on
the Queen Charlotte Islands: 4 "

13 13

From British Columbia.

Nanaimo group.

Marine invertebrata: 106 "

Queen Charlotte Island Cretaceous.

Marine invertebrata, 82 species, and one Unio: 83 "

Cretaceous at other localities in the province.

Additional species of marine invertebrata: 9 "

198 198

From the Yukon District.

Four marine invertebrata from the Rink Rapids of the
Lewes River: 4 "

Total: 394 species.

*West of Lake Winnipeg and north of the forty-ninth parallel, all the most important and workable beds of coal, as geologists are aware, are found either in the Cretaceous or in the Laramie. Who has not heard of the coal-fields of the Souris region and Turtle Mountain, of the North and South Saskatchewan (at Edmonton and Medicine Hat) and Queen Charlotte Islands, or of the mines now in operation at Lethbridge, Canmore, Anthracite, Nanaimo and Comox? The economic products and lithological characters of the subdivisions of the Cretaceous and Laramie at the various localities examined by Drs.