

TABLE AND UPRIGHT CASES ON RIGHT-HAND SIDE OF HALL.

[These contain the fossils of the Eozoic and Palaeozoic formations, arranged in order of Geological age, from the Laurentian to the Permian inclusive.]

First Table Case. *Eozoic and Cambrian.* Contains *Eozoön Canadense*, the oldest known fossil, and fossils of the Huronian and older Cambrian on one side; on the other side, Cambrian fossils, including Trilobites, &c., from the Acadian group of New Brunswick, and *Scolithus*, *Lingula*, &c., from the Potsdam sandstone; also, Cambrian fossils from Massachusetts, Wales, Bohemia, &c. The wall case, adjoining this case, contains large specimens illustrating the same periods, such as slabs with *Eozoön* and a fine specimen of *Paradoxides Harlani* from Newfoundland, presented by Mr. S. McKay. The greater part of the specimens in these cases are from the collections of Sir W. E. Logan and Dr. Dawson.

Second Table Case. *Siluro-Cambrian.* The fossils in this case extend from the Calceiferous to the Hudson River group, and are of especial interest as including the Quebec group of Sir W. E. Logan and the Chazy and Trenton limestones of the quarries near Montreal. The upright cases facing this case contain additional fossils of the same formation. The Graptolites from Levis and the Lower St. Lawrence, collected by Mr. James Richardson and presented by the Heirs of Sir W. E. Logan, are especially noteworthy.

Third Table Case. *Silurian.* This contains the formations from the Medina sandstone to the Helderberg inclusive. It is specially rich in the fossils of the Niagara limestone; many of them presented by Lieut.-Col. Grant of Hamilton. In the upright case are large and beautiful specimens of Clinton and Niagara fossils from the collections of Col. Grant and Dr. Spencer. On the opposite side are fossils from Anticosti, and Dr. Dawson's collections from St. Helen's Island.

Fourth Table Case. *Erian or Devonian.* This includes the Oriskany and Corniferous formations. On one side of the table case and the wall case facing it, is a fine series of the silicified Corals from the Corniferous limestone of Ontario, collected by Mr. DeCew, Mr. McOuat and Dr. Spencer. In one of the wall cases is also a collection of Lower Devonian Fishes, presented by Dr. Dawson.

Fifth Table Case. *Erian or Devonian.* This contains animal fossils of the Upper Erian on one side, and on the opposite side and the upright case fronting it series of Fossil Plants from Dr. Dawson's collections, representing the Lower, Middle and Upper Erian. There is also a large series of Upper Erian Fishes in the opposite wall case, presented by Mr. Barnston, Dr. Dawson and the Geological Survey. The specimens of *Pterichthys* from Seamenac are of especial interest. There are also among the fossil plants some fine slabs of the fossil fern *Archæopteris Hibernicus* from Kiltoreen in Ireland, presented by Mr. W. H. Baily, trunks of *Prototaxites* from Gaspé and Baie des Chaleurs, and a remarkable base of a tree-fern stem from Gilboa, N. Y., the gift of Prof. James Hall.

Sixth Table Case. *Carboniferous and Permian.* Here are on one side animals of the Carboniferous and Permian, including the oldest known batrachians, land-snails and millipedes, and fossil fishes and insects, and in the other, series of Plants arranged to illustrate the Lower, Middle and Upper Carboniferous. These specimens are principally from Dr. Dawson's collections, as are those in the upright cases and on the stand in the middle of the room, which contain large specimens of fossil plants and remains and footprints of batrachians. There is also an interesting series of galvanoplastic casts of the batrachians of the Lower Permian of Bohemia, by Dr. A. Fritsch.