

PRIMARY OR PALÆOZOIC (Continued)

Devonian and Old Red Sandstone.

Devonian. { Upper — Cypridina and Goniatites beds.
Middle — Stringocephalus (Eifel) Limestone.
Lower — Spirifer Sandstone, etc.

Old Red Sandstone. { Upper yellow and red sandstones with *Holoptychius*.
Lower sandstones and flagstones with *Cephalaspis*, *Coccosteus*, etc.

Silurian.

Upper. { Ludlow group.
Wenlock group.
Llandovery group.
Lower. { Caradoc and Bala group.
Llandeilo group.
Arenig group.

Cambrian.

Olenidian series, with *Olenus*, *Dikelocephalus*, etc.
Paradoxidian series, with *Paradoxides*, *Conocoryphe*, etc.
Olenellus series, with *Olenellus*, *Ellipsocephalus*, *Salterella*, etc.

Pre-Cambrian.

Stratified rocks and volcanic groups (Torridonian, Uriconian, Longmyndian, etc.).
Oldest gneisses (Lewisian of Scotland), Scandinavia, Bavaria, Alps, etc.

Both the Devonian and Old Red Sandstone types are developed in the eastern regions of Canada and the United States.

Silurian.

Upper. { Water-Lime.
Niagara group.
Clinton “
Medina “
Lower. { Cincinnati, Utica, and Trenton groups.
Chazy and Calciferous groups.

Cambrian.

The same palæontological grouping as in Europe.

Pre-Cambrian.

Algonkian, elastic, and volcanic rocks, comprising Keweenawan, Huronian and other groups.
Fundamental complex, including schists and gneisses (Laurentian) below.

Carboniferous and Silurian in Salt Range.

Vindhyan System.

Transition or sub-metamorphic.

...

Gneiss, etc.

Lower Devonian—Reef-ton beds.

Upper—Baton River series—cherts, sandstones, slates, limestones.

Lower—Mount Arthur series—Dark bituminous slates and limestones (Graptolites).

Foliated schists, believed to be chiefly altered Silurian rocks.

Gneiss, etc.