

Fossiliferous Strata of Western Europe divided into Six Groups.

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|---|-----|---|---|
| 1. Post-Pliocene | and | } | from the Post-Pliocene to the Eocene inclusive. |
| Tertiary | - - | | |
| 2. Cretaceous | - - | } | from the Maestricht Chalk to the Wealden inclusive. |
| 3. Oolitic | - - | | |
| 4. Triassic | - - | } | including the Keuper, Muschelkalk, and Bunter Sandstein of the Germans. |
| 5. Permian, Carboniferous, and Devonian | - - | | |
| 6. Silurian and Cambrian | - - | } | including Magnesian Limestone (Zechstein), Coal, Mountain Limestone, and Old Red Sandstone. |
| | - - | | |
| | | | from the Upper Silurian to the oldest fossiliferous rocks inclusive. |

But the following more detailed list of fossiliferous strata, divided into thirty-five sections, will be required by the reader when he is studying our descriptions of the sedimentary formations given in the next 18 chapters.

TABULAR VIEW

OF THE

FOSSILIFEROUS STRATA,

Showing the Order of Superposition or Chronological Succession of the principal Groups.

Periods and Groups.

British Examples.

Foreign Equivalents and Synonyms.

I. POST-TERTIARY.

I. TERRAINS CONTEMPORAINES, ET QUATERNAIRES.

A. POST-PLIOCENE.

1. RECENT.

{ Peat of Great Britain and Ireland, with human remains. (Principles of Geology, ch. 45.)
Alluvial plains of the Thames, Mersey, and Rother, with buried ships, p. 120, and Principles, ch. 48.

{ Part of the Terrain quaternaire of French authors.
Modern part of deltas of Rhine, Nile, Ganges, Mississippi, &c.
Modern part of coral-reefs of Red Sea and Pacific.
Marine strata inclosing temple of Serapis at Pozzuoli. Principles, ch. 20.
Freshwater strata inclosing Temple in Cashmere. *Ibid.* 9th ed. p. 762.

2. POST-PLIOCENE.

{ Ancient raised beach of Brighton. b. fig. 331, p. 287.
Alluvium, gravel, brick-earth, &c. with fossil shells of living species, but sometimes locally extinct, and with bones of land animals, partly of extinct species; no human remains.

{ Part of Terrain quaternaire of French authors.
Volcanic tuff of Ischia, with living species of marine shells and without human remains or works of art, p. 118.
Loess of the Rhine, with recent freshwater shells, and mammoth bones, p. 121.
Newer part of boulder-formation in Sweden, p. 129. Bluffs of Mississippi, p. 121.

II. TERTIARY.

B. PLIOCENE.

3. NEWER
PLIOCENE,
or
Pleistocene.

{ Glacial drift or boulder-formation of Norfolk, p. 132, of the Clyde in Scotland, p. 130, of North Wales, p. 130. Norwich Crag, p. 154—Cave-deposits of Kirkdale, &c., with bones of extinct and living quadrupeds, p. 160.

{ Terrain quaternaire, diluvium. Terrains tertiaires supérieurs, p. 139.
Glacial drift of Northern Europe, p. 128; and of Northern United States, p. 139; and Alpine erratics, p. 148.
Limestone of Gargas, p. 160.
Australian cave-broccas, p. 161.

II. TERRAINS TERTIAIRES.