

	SUBDIVISIONS.	FOREIGN EQUIVALENTS.	ORIGIN.	COMMERCIAL PRODUCTS.
POST PLIOCENE.	Blown Sand. Raised Beaches. Alluvium. Brick Earth. River Gravel. Cave Deposits. Glacial Deposits.	Mud of the Nile. Loess of the Rhine.	Various.	Peat. Amber. Gold, Diamonds, and other Gems derived from the older deposits.
PLIOCENE.	Crags.	Sub-Apennine Strata.	Marine	Phosphatic Nodules.
MIOCENE.	Leaf Beds and Lignite.	Molasse. Faluns of Touraine.	and	Pipeclay.
EOCENE.	Upper Eocene. Bagshot Beds. London Clay. Reading Beds, &c.	Calcaire Grossier. Nummulitic Lime- stones (European and Asiatic).	Freshwater. Estuarine and Marine.	Sand, Brown Coal, Pipeclay, Cement Stone, Bricks, and Pottery.
UPPER CRETACEOUS.	White and Grey Chalk	{ Maestricht Beds. Senonien Turonien. Albien. Aptien. Neocomian.	Marine and Freshwater (Wealden).	Flints from Up. Chalk. Phosphate of Lime. Iron Pyrites. Sandy Ironstones. Building Stone.
LOWER CRETACEOUS.	Upper Greensand Gault Lower Greensand Wealden Beds, &c. . . .			
UPPER OOLITIC.	{ Purbeck.	Jura Formation.	Estuarine and Marine.	Coal, Jet, Iron Ores, Roofing Slates, Building Stones, and Flags. Alum Shales. Hydraulic Lime- stones.
MIDDLE OOLITIC.	{ Portland and Kimmeridge. Coral Rag & Oxford Clay.			
LOWER OOLITIC.	{ Cornbrash.			
	{ Forest Marble and Great Oolite. Stonesfield Slate. Inferior Oolite. Lias.			
KEUPER.	Rhætic.	Muschelkalk absent in British Isles.	Inland Seas. Salt Lakes.	Gypsum. Rock Salt. Building Stones.
BUNTER.	New Red Marl, Sandstone, and Conglomerate. Sandstone & Pebble Beds			
MAGNESIAN LIME- STONE.	Red Marls and Magnesian Limestone.	Zechstein. Kupferschiefer. Rothliegende.	Marine.	Building Stones.
LOWER PERMIAN.	Red Marl, Sandstone, and Conglomerate.			
CARBONIFEROUS.	Coal Measures. Millstone Grit. Yoredale Rocks. Mountain Limestone.	Carboniferien.	Terrestrial and Marine.	Coal, Anthracite. Iron and Lead Ores. Bldng. Stone, Marble. Oil Springs.
DEVONIAN AND OLD RED SANDSTONE	Devonian Slates and Limestones. Old Red Sandstone, &c.	Eifel Limestone.	Marine and Freshwater.	Ornamental Marbles. Serpentine & Slates. Tin, Copper, Lead, Silver Ores, &c.
UPPER SILURIAN.	{ Ludlow. Wenlock.	Primordial Zone.	Marine.	Roofing Slates. Building Stones. Gold & other Metals.
LOWER SILURIAN.	{ Upper Llandovery. Lower Llandovery.			
	{ Bala and Caradoc. Llandeilo. Lingula Flags			
CAMBRIAN.	Harlech Grits. Llanberis Slates.	Huronian of America.	Marine.	Roofing Slates. Gold & other Metals.
LAURENTIAN.	Gneiss of the Outer Hebrides, and N.W. Coast of Scotland.	Labradorite Series in Canada.	Marine.	Serpentine Graphite.

METAMORPHIC ROCKS (of all ages):—

Gneiss, Mica-schist, Quartzite, Talcose-schist, &c. (Serpentine probably ?)

INTRUSIVE ROCKS (of all ages):—

Lavas, Basalt, Trachyte, Pitchstone, &c.

Granite, Syenite, Greenstone, Felstone, Porphyrites, Melaphyres, Mica-Traps, &c. &c.