

Table of British Formations.

TABLE OF THE BRITISH FORMATIONS.

		Recent . . .	Alluvia, peat, and estuarine beds now forming, &c.	
		Post-tertiary . . .	River and estuarine alluvia, and some peats, with human remains and works of art; whales, seals, &c., bones of Mammoth, and other land mammalia; flint implements, raised beaches, and bone caves, &c., in part. Latest traces of British glaciers.	
Tertiary, or Cainozoic, and Post-tertiary.	UPPER . . .	Newer Pliocene . . .	Great glacier moraines, and boulder clays with marine and freshwater interstratifications.	
		Older Pliocene . . .	Forest bed of Norfolk, Chillesford beds, and Norwich Crag, with land mammalia, &c.	
	MIDDLE . . .	Miocene . . .	Bovey Tracey and Mull beds, with igneous rocks.	
		Upper Eocene . . .	Hempstead beds } Freshwater river beds, with marine interstratification. Bembridge beds } Osborne beds } Headon beds }	
	LOWER . . .	Middle Eocene . . .	Bracklesham and } Marine. Bagshot beds }	
		Lower Eocene . . .	London Clay. Marine. Woolwich and Reading beds and Thanet sand. Freshwater, estuarine, and marine.	
	Secondary, or Mesozoic.	CRETACEOUS . . .	Chalk	Marine.
			Upper Greensand	
			Gault	
			Lower Greensand	
WEALDEN SERIES		Atherfield Clay . . .	Freshwater river beds, estuarine and lagoon beds, with marine interstratifications.	
		Weald clay and Hastings sands . . .		
		Purbeck beds . . .		
OOLITIC SERIES		Portland Oolite and sand . . .	Upper . . .	Marine in middle and south of England. Between the Inferior Oolite and Great Oolite, partly freshwater and terrestrial, in Northamptonshire, Lincolnshire, and Yorkshire.
		Kimeridge Clay	Middle . . .	
		Coral Rag . . .		
		Oxford Clay . . .	Lower . . .	
		Cornbrash . . .		
		Forest Marble . . .		
and		Bath or Great Oolite . . .	Lower . . .	Marine in middle and south of England. Between the Inferior Oolite and Great Oolite, partly freshwater and terrestrial, in Northamptonshire, Lincolnshire, and Yorkshire.
		Stonesfield Slate		
LIAS	Inferior Oolite and Sand . . .	Lower . . .	Marine in middle and south of England. Between the Inferior Oolite and Great Oolite, partly freshwater and terrestrial, in Northamptonshire, Lincolnshire, and Yorkshire.	
	Upper Lias Clay			
	Marlstone (Middle Lias) . . .			
	Lower Lias Clay and Limestone			
TRIASSIC . . .	Rhætic beds. Passage beds . . .	Lower . . .	Marine in middle and south of England. Between the Inferior Oolite and Great Oolite, partly freshwater and terrestrial, in Northamptonshire, Lincolnshire, and Yorkshire.	
	Upper. New Red Marl (Keuper). Salt Lake.			
PERMIAN . . .	Lower. New Red Sandstone (Bunter). Lake deposits, probably salt, but perhaps partly fresh or brackish.	Lower . . .	Marine in middle and south of England. Between the Inferior Oolite and Great Oolite, partly freshwater and terrestrial, in Northamptonshire, Lincolnshire, and Yorkshire.	
	Permian } Magnesian limestone } Salt lakes. Rothliegende . . . }			
Primary, Palæozoic.	CARBONIFEROUS	Coal-measures and Millstone grit. Partly terrestrial, freshwater, and marine.	Salt lakes.	
		Carboniferous limestone and shales. Chiefly marine, and in north of England, and Scotland, partly terrestrial and freshwater.		
	OLD RED SANDSTONE, & DEVONIAN	Upper } Freshwater lakes. Devonian marine.	Salt lakes.	Salt lakes.
		Lower }		
SILURIAN . . .	Upper Silurian . . .	Salt lakes.	Salt lakes.	
	Lower Silurian . . .			
LAURENTIAN	and Cambrian. Probably marine and freshwater beds interstratified.	Salt lakes.	Salt lakes.	
	Marine.			