THAT CENTURY-OLD THEORY

The following chart will provide you with an overview of the development of most of the long-antiquated fossil/strata theory. The foundations of it were developed over a hundred years ago when comparatively little was known about geology, paleontology, biology, or most any other modern science.

You will note that most of the theory was completed by 1880. Relatively few innovations came after that time.

	LYELL 1841	J. P. SMITH 1854	HITCHCOCK 1860 US	1981
POST-PLIOCENE	Recent	(River and Lake Deposits)	Alluvium	Quaternary
	Post-Pliocene	Pliocene	Recent Pleistocene	Recent Pleistocene
TERTIARY	Newer Pliocene Older Pliocene	Pliocene	Tertiary Pliocene	Tertiary Pliocene
	Miocene	Miocene	Miocene	Miocene
	Eocene	Eocene	Eocene	Oligocene Eocene Paleocene
SECONDARY	Cretaceous	Cretaceous	Cretaceous Chalk Gault Greensand	Cretaceous
	Wealdon	Oolitic	Jurassic Wealdon Oolitic Lias	Jurassic
	Oolite or Jura Lias			
	Trias or New R Sandstone	Triassic	Triassic	Triassic
	Magnesian Limestone	Permian	Permian	Permian
	Carboniferous Coal Measures Millstone Gr Mountain Limestone	Carboniferous Coal Measures Millstone Gr Mountain Limestone	Carboniferous Coal Measures Millstone Grit Mountain Limestone	Carboniferous Pennsylvanian Mississippian
	Old Red Sandst or Devonian	Old Red Standst (Devonian)	Devonian Upper Middle Lower	Devonian
PRIMARY FOSSILIFEROUS	Silurian	Upper Silurian	Upper Silurian (9 units)	Silurian
		Lower Silurian (Cambrian)	Lower Silurian (4 units)	Ordovician
	Cambrian	Lowest Silurian (Cumbrian)	Cambrian	Cambrian
METAMORPHIC			AZOIC	PRECAMBRIAN