

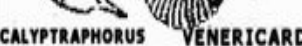



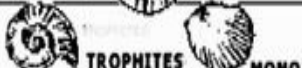

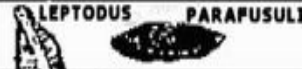



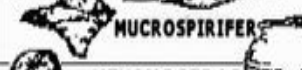
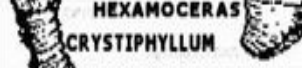



## GEOLOGIC TIME SCALE

ERA	PERIOD	EPOCH	SUCCESION OF LIFE	INDEX FOSSILS
CENOZOIC Recent Life	QUATERNARY 0-1 Million Years Rise of Man	Recent Pleistocene		Pecten    Neptunea 
	TERTIARY 62 Million Years Rise of Mammals	Pliocene Miocene Oligocene Eocene Paleocene		Calyptraphorus    Venericardia 
MESOZOIC Middle Life	CRETACEOUS 72 Million Years Modern Seed Bearing Plants, Dinosaurs		Scaphites    Inoceramus 	
	JURASSIC 40 Million Years First Birds		Nerina    Perisphinctes 	
	TRIASSIC 49 Million Years Cycads, First Dinosaur		Trophites    Monotis 	
PALEOZOIC Ancient Life	PERMIAN 60 Million Years First Reptiles		Leptodus    Parafusulina 	
	Carboniferous PENNSYLVANIAN 30 Million Years First Insects		Dictyoclostus 	
			MISSISSIPPIAN 35 Million Years Many Crinoids	Cactocrinus    Prolecanites 
	DEVONIAN 60 Million Years First Seed Plants Cartilage Fish		Palmatolepus    Mucrospirifer 	
	SILURIAN 20 Million Years Earliest Land Animals		Hexamoceras    Crystiphyllum 	
	ORDOVICIAN 75 Million Years Early Bony Fish		Bathyrus (Trilobite)    Tetragraptus 	
	CAMBRIAN 100 Million Years Invertebrate animals, Brachiopods, Trilobites		Paradoxides (Trilobite)    Billingsella 	
	PRECAMBRIAN Very few fossils present (bacteria-algae-pollen?)			