










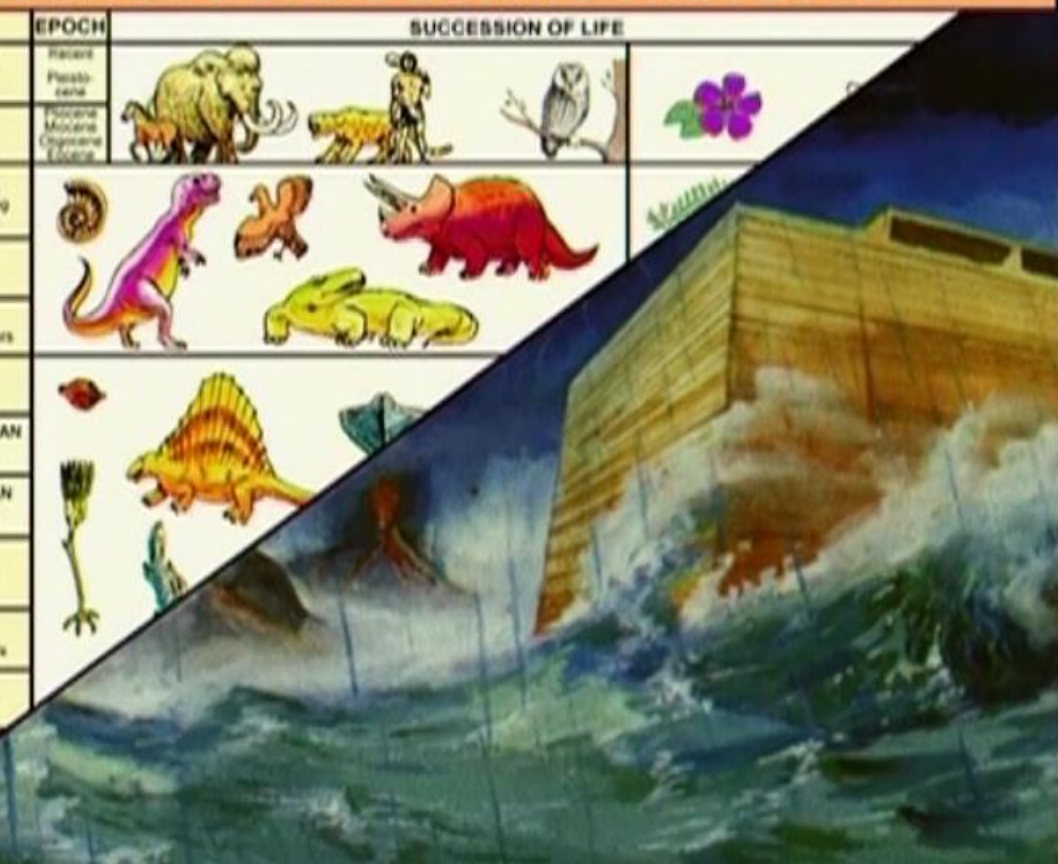
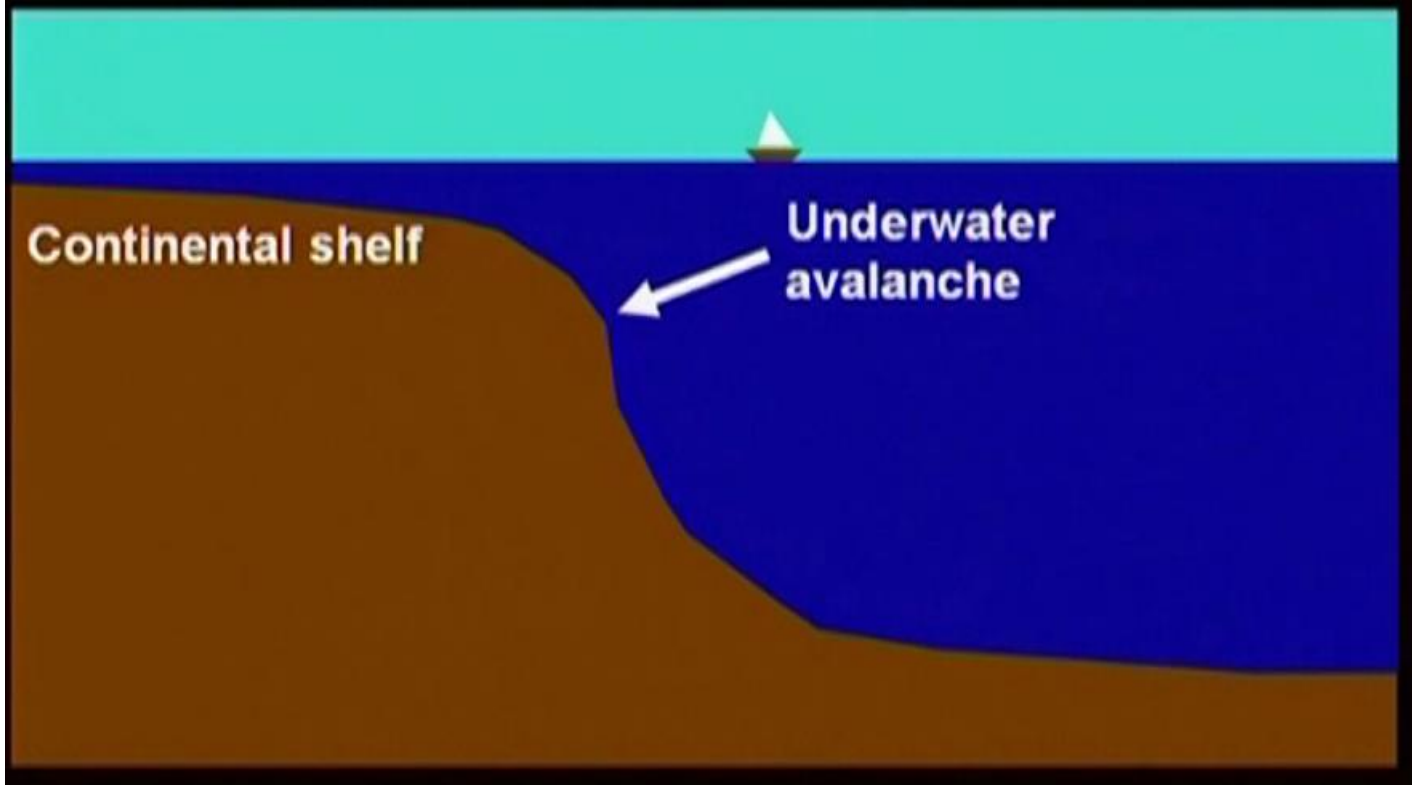


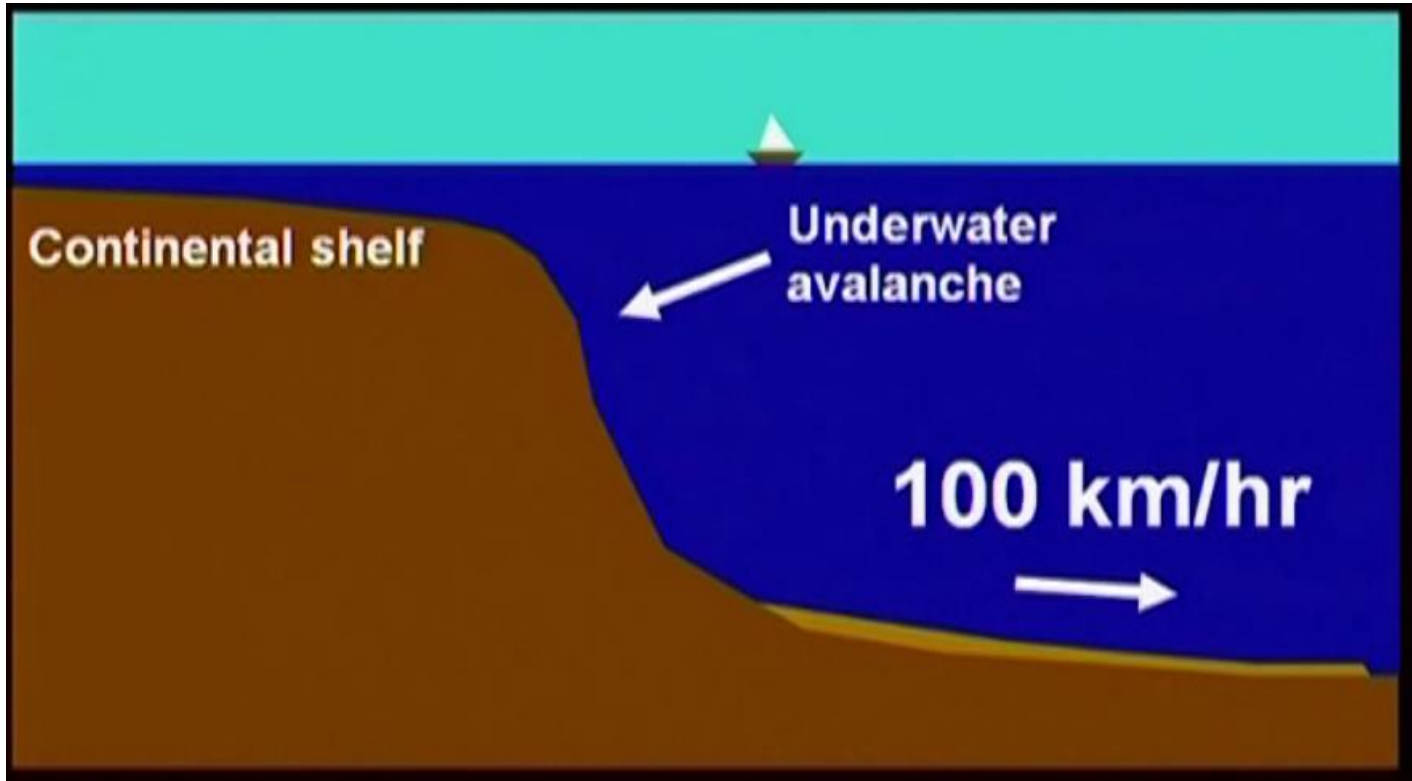


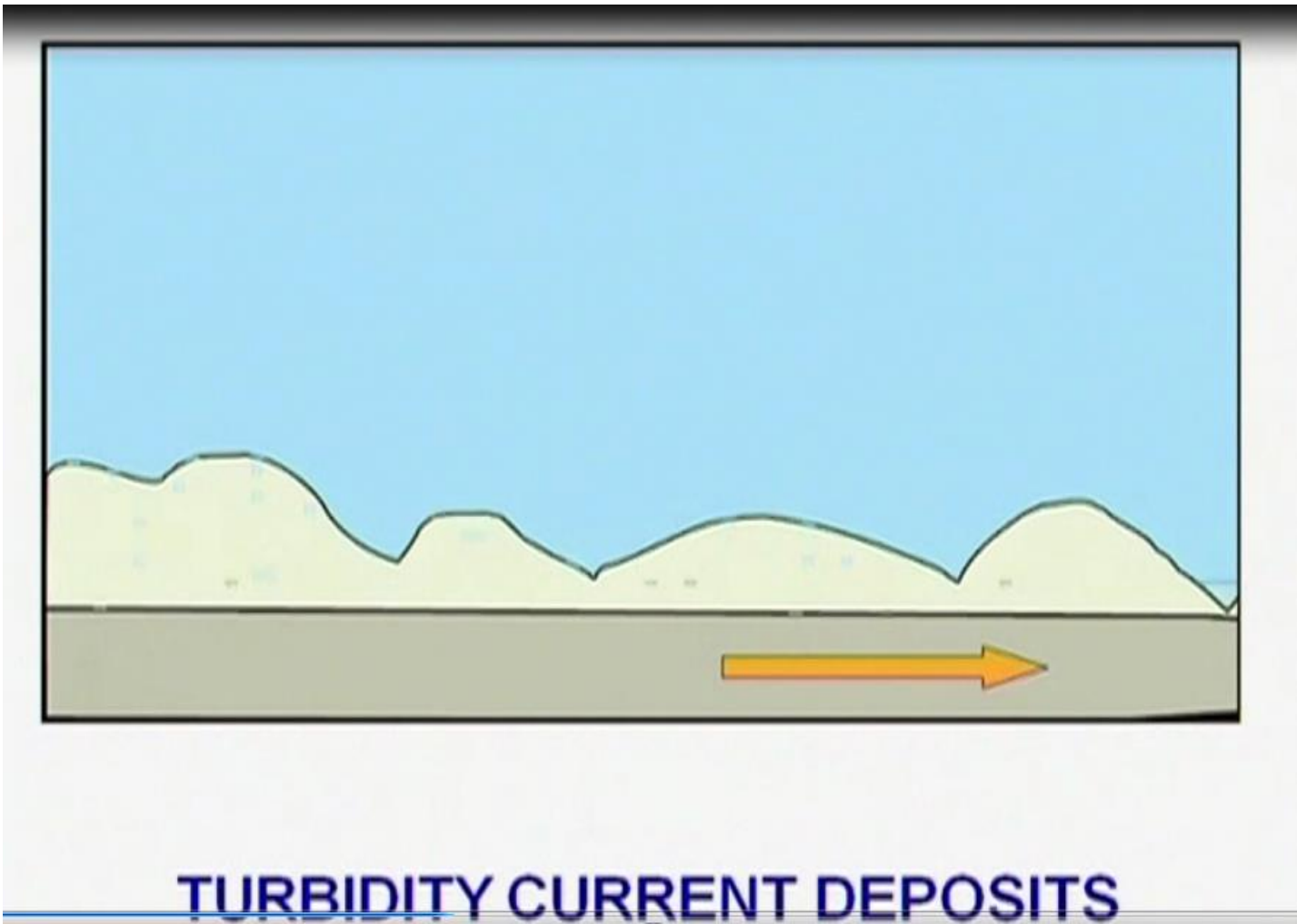
# ORDER OF BURIAL DURING THE FLOOD

PERIOD	EPOCH	SUCCESSION OF LIFE
QUATERNARY Rise of Man	Recent Pleistocene	
TERTIARY Rise of mammals	Pliocene Miocene Oligocene Eocene	
CRETACEOUS Modern seed bearing plants Dinosaurs		
JURASSIC First birds		
TRIASSIC Cycads, first dinosaurs		
PERMIAN First reptiles		
CARBONIFEROUS	PENNSYLVANIAN First insects	
	MISSISSIPPIAN Many corals	
DEVONIAN First seed plants, cartilage fish		
SILURIAN Earliest land animals		
ORDOVICIAN Early bony fish		
CAMBRIAN Invertebrates Brachiopods		

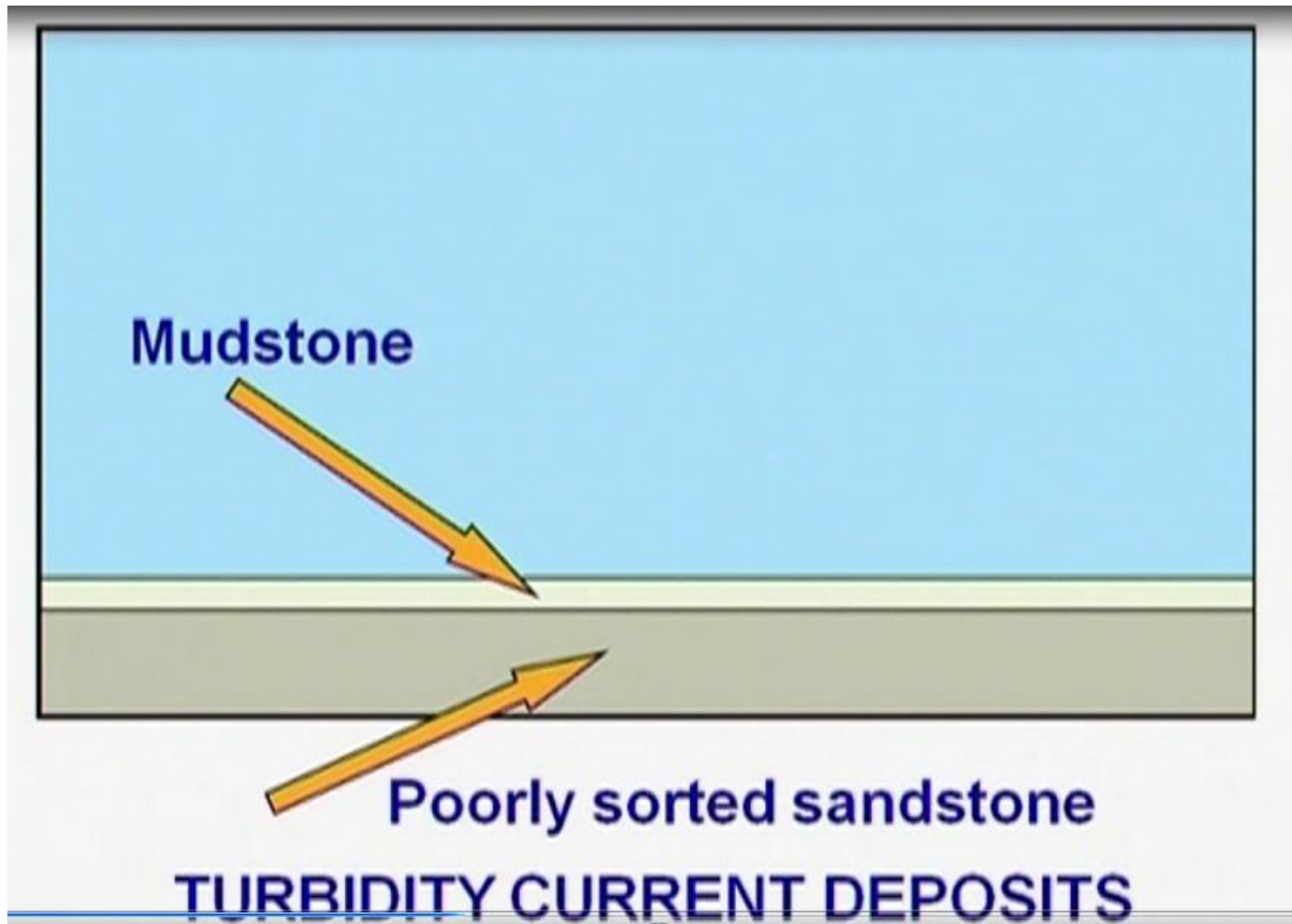




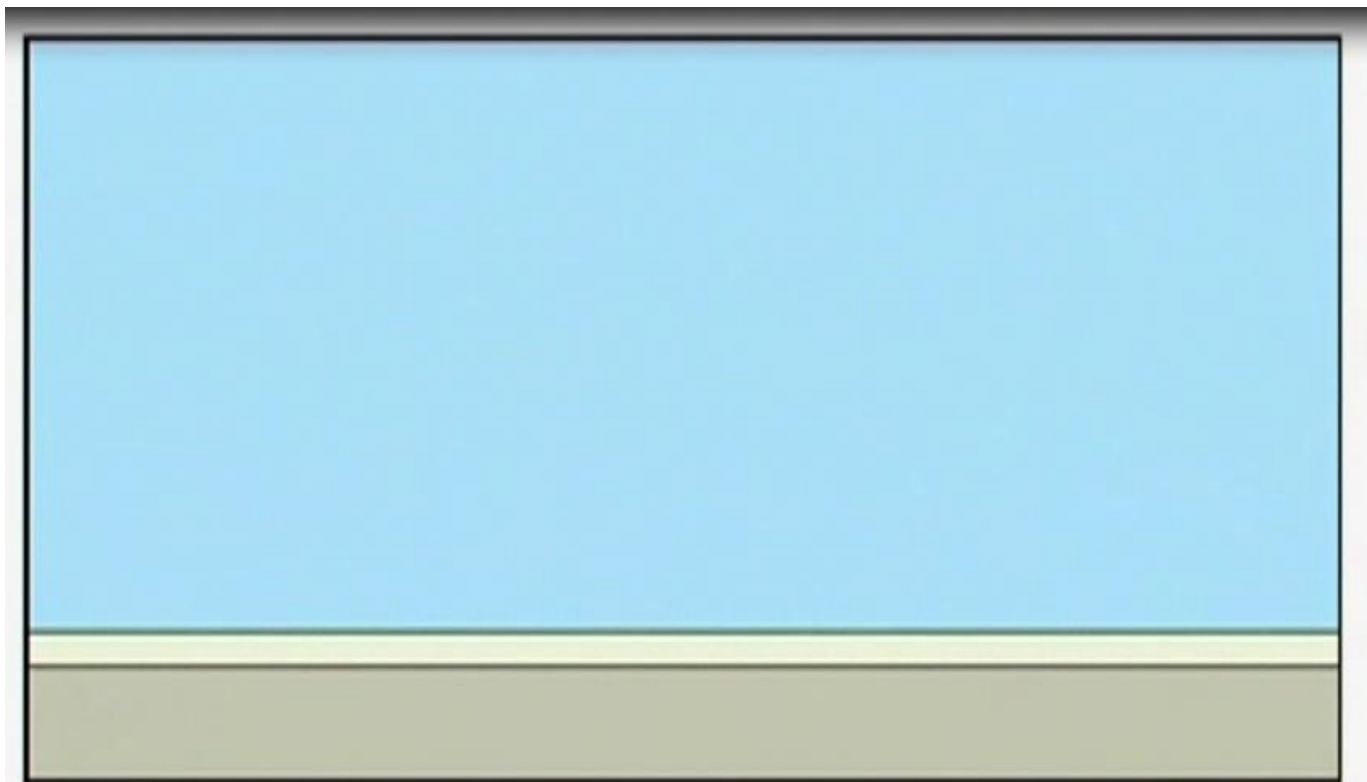






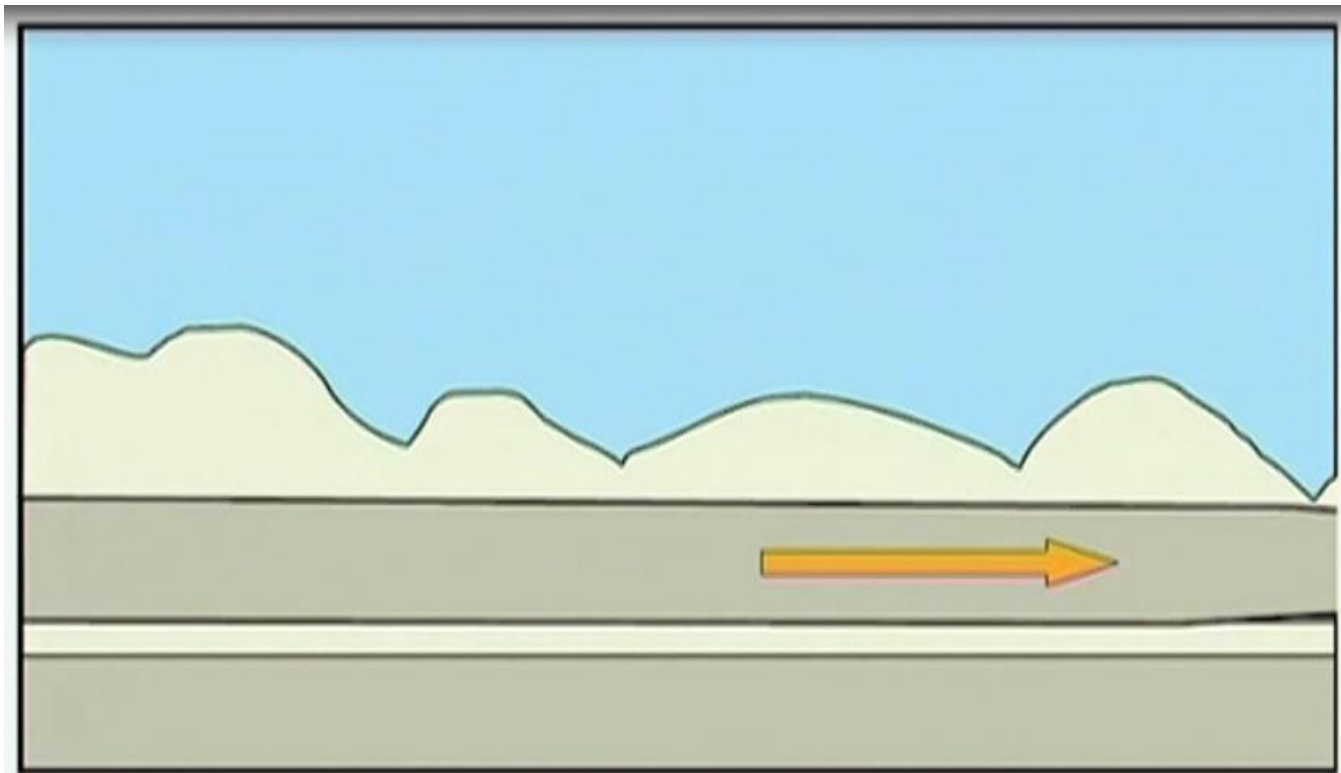




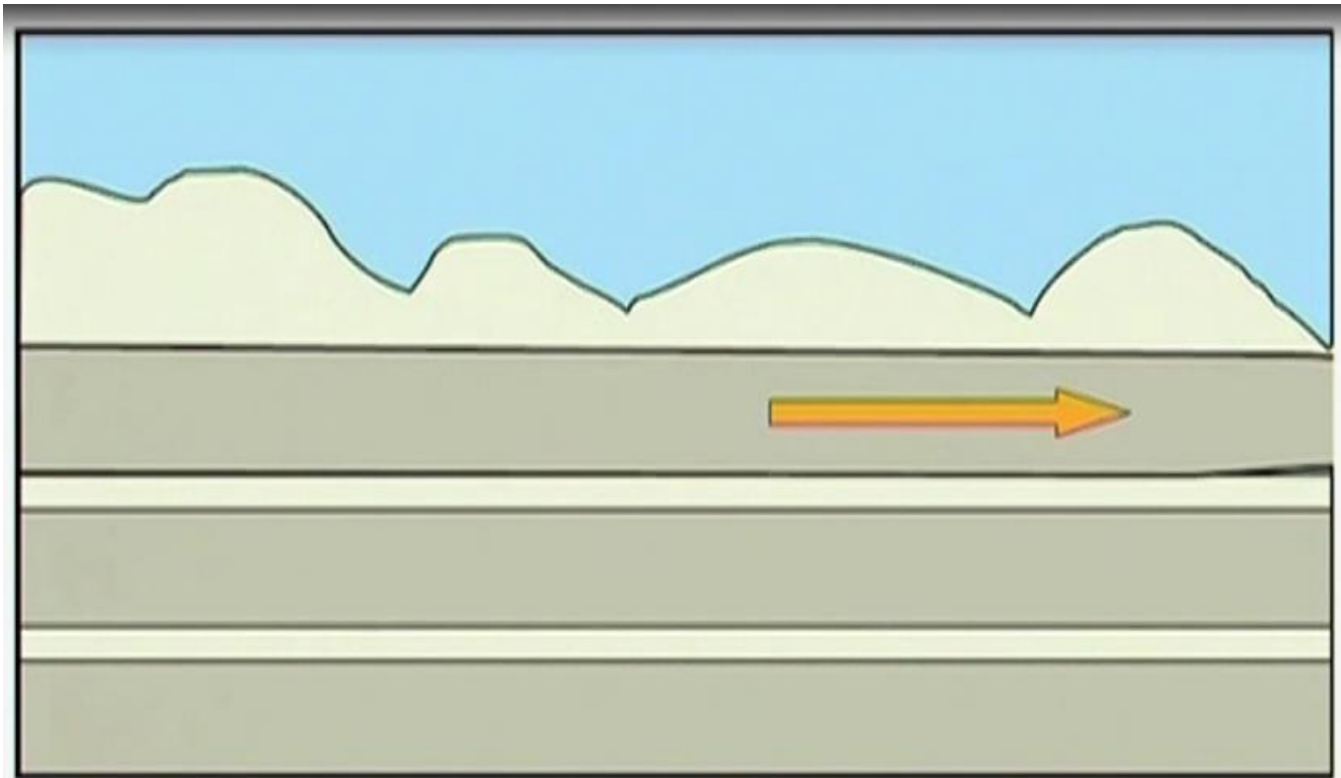


**TURBIDITY CURRENT DEPOSITS**

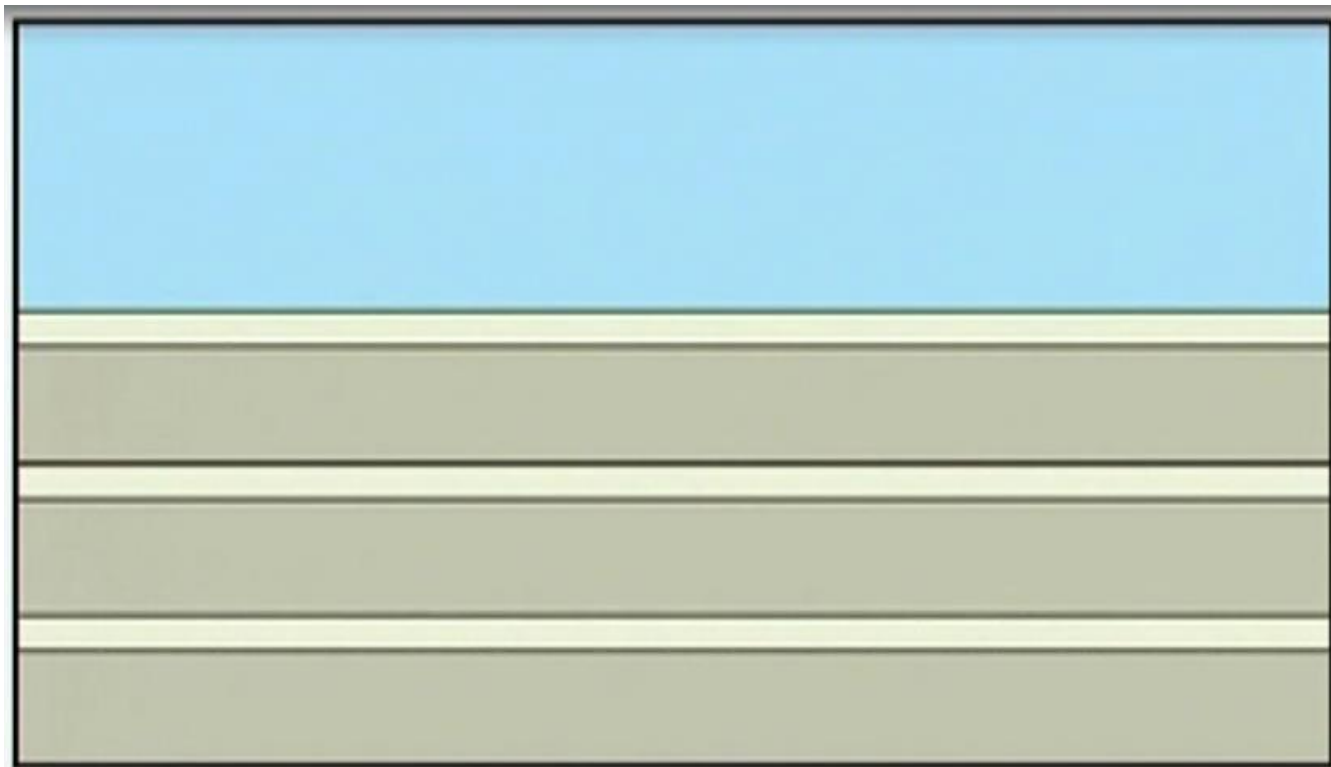




**TURBIDITY CURRENT DEPOSITS**

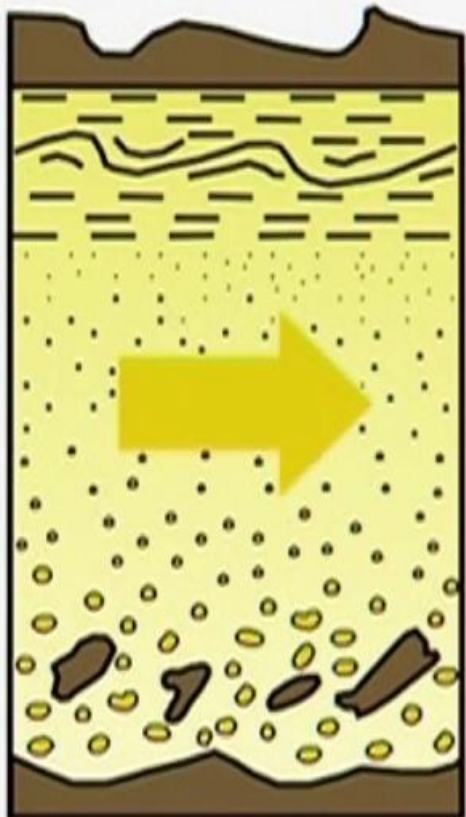


**TURBIDITY CURRENT DEPOSITS**



**TURBIDITY CURRENT DEPOSITS**

## Turbidite sequence



Parallel lamination  
Convolute lamination  
Parallel lamination

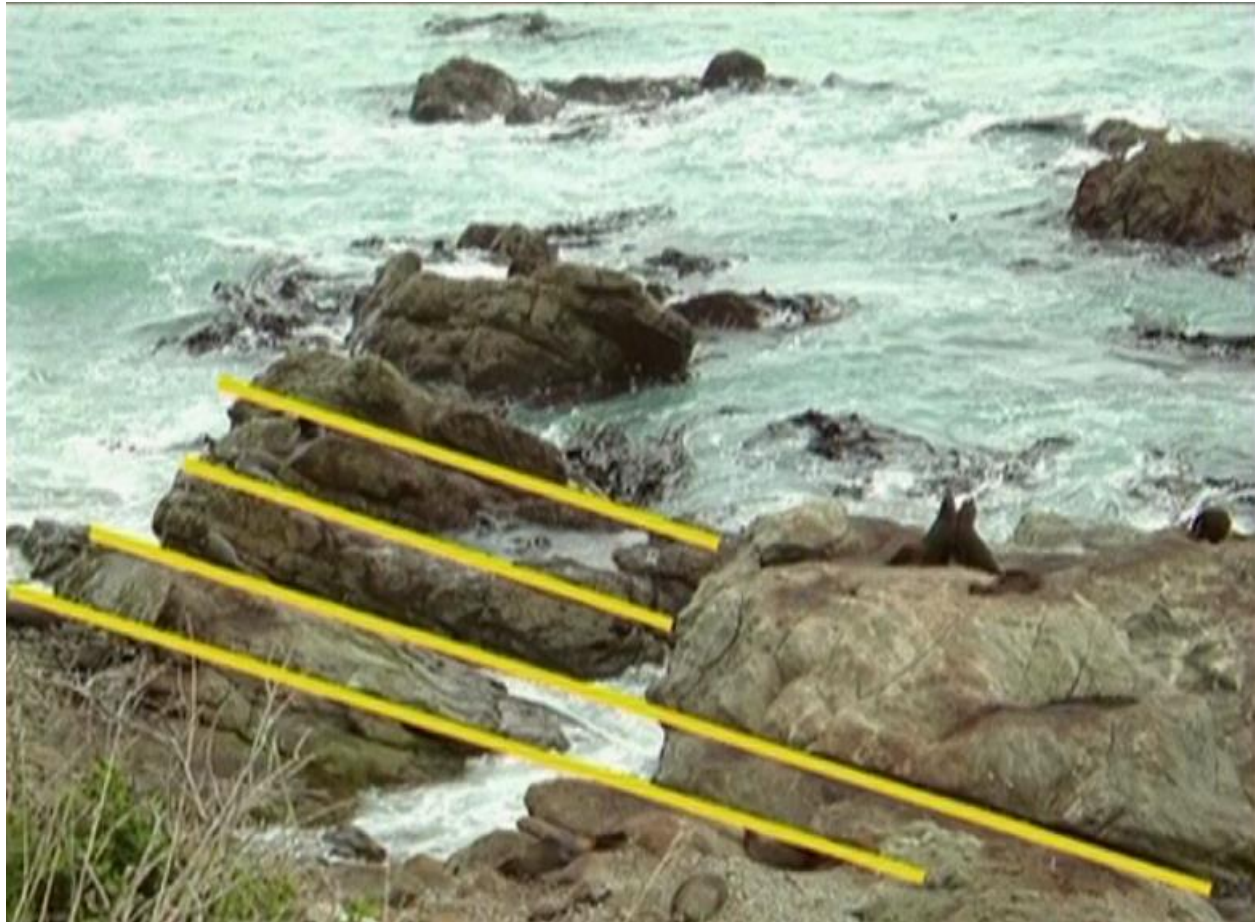
Graded bedding

Eroded mud flakes

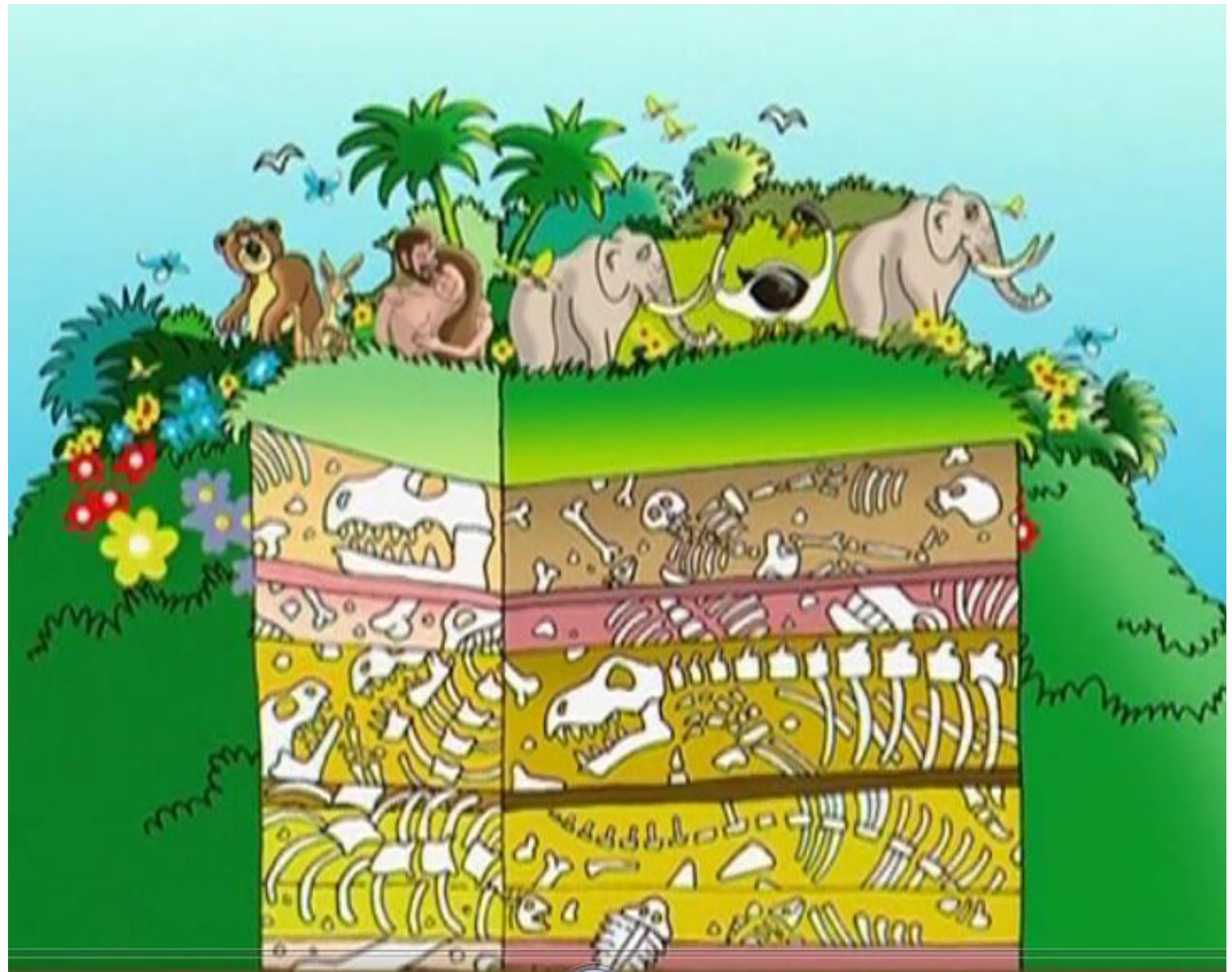


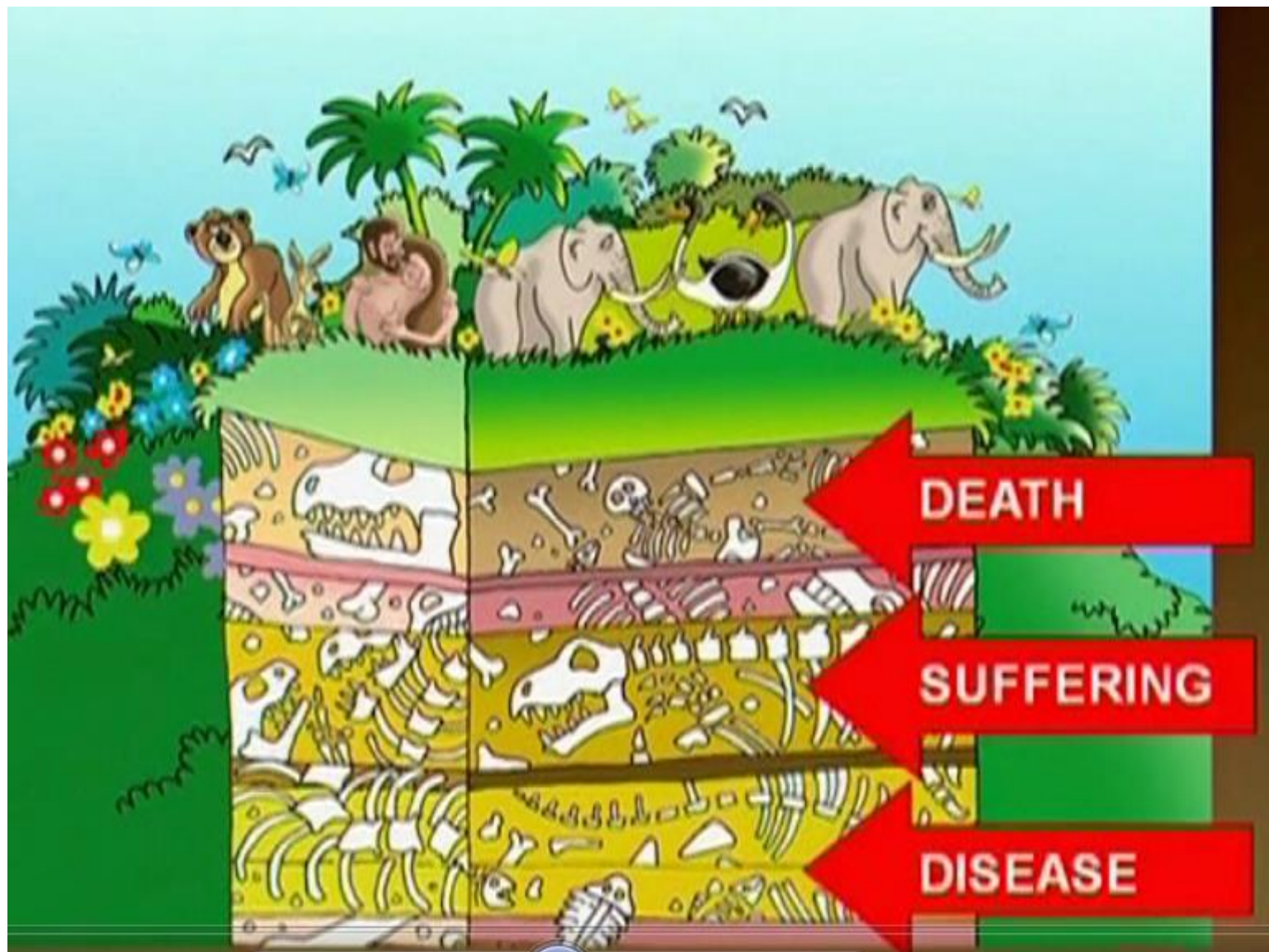








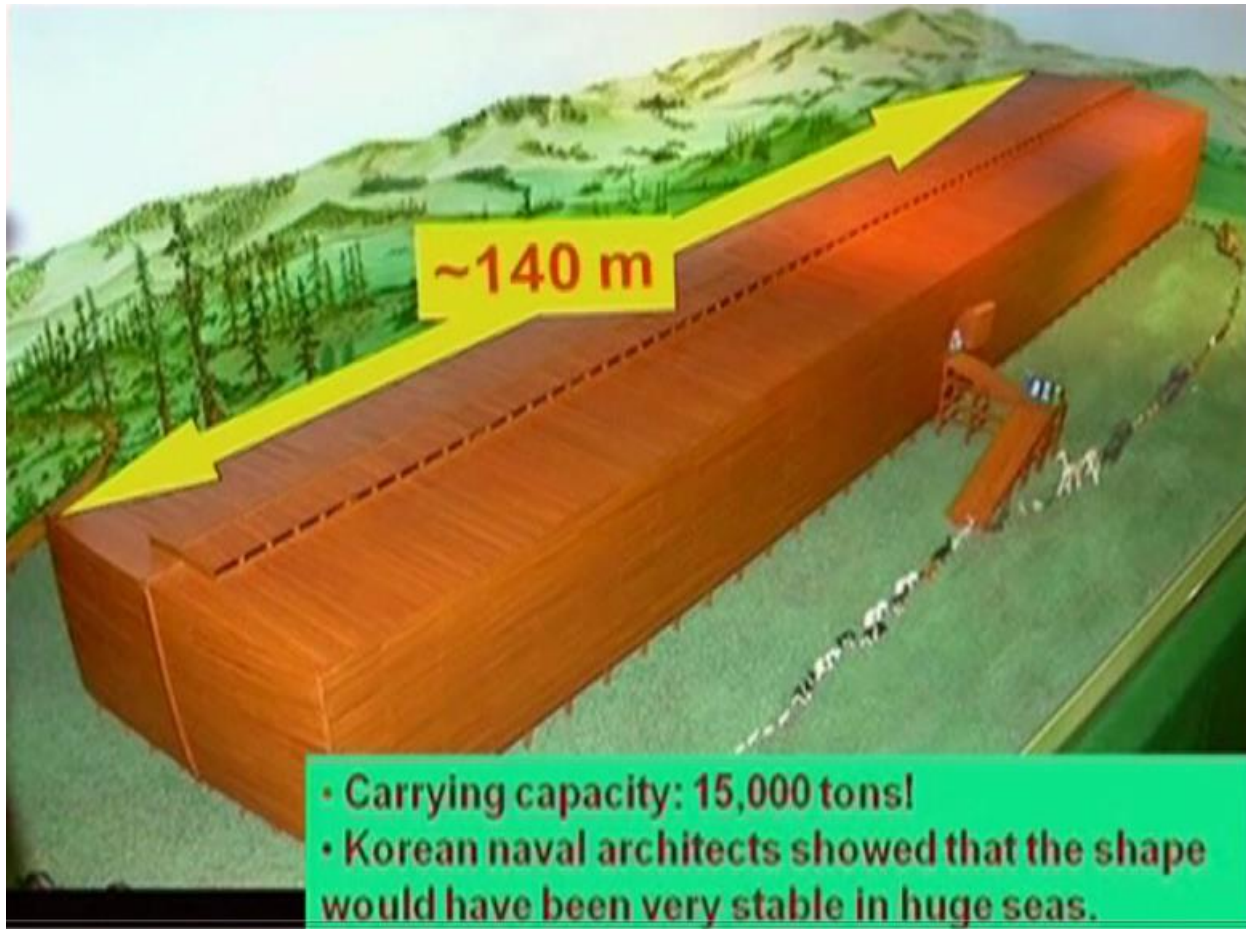






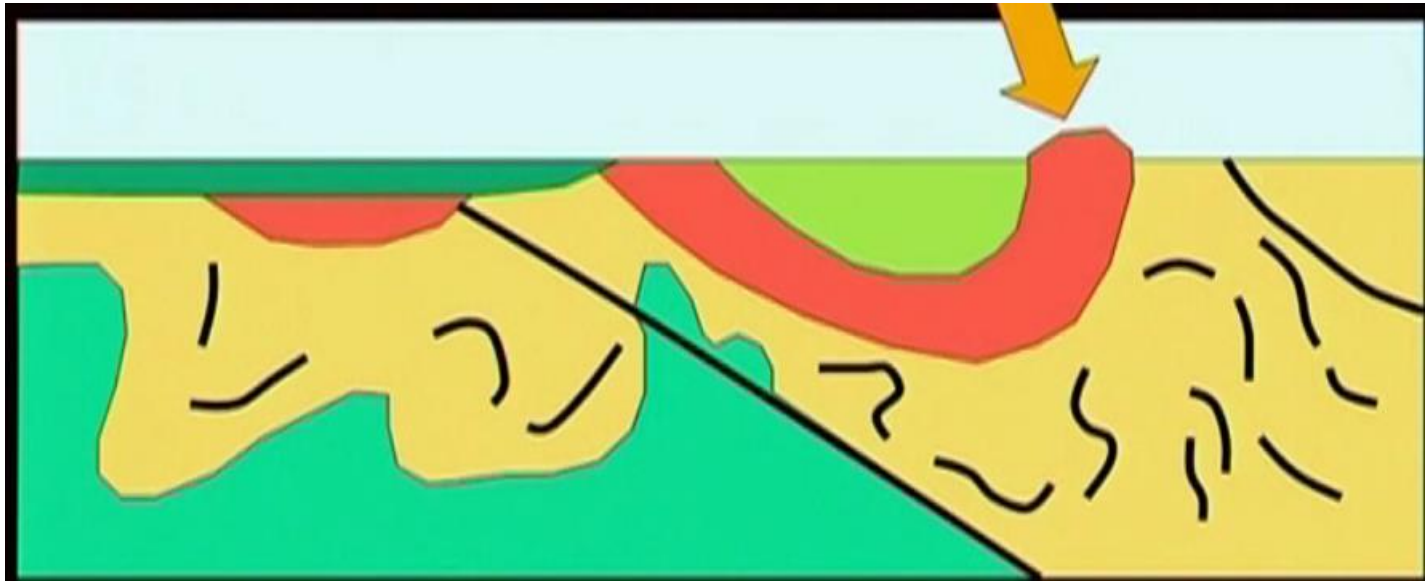
“... we have allowed ourselves to be **brain-washed** into avoiding any interpretation of the past that involves extreme and what might be termed ‘catastrophic’ processes.”

—Derek Ager, *The Nature of the Stratigraphical Record*, Macmillan, London, p. 46-47, 1987.



~140 m

- Carrying capacity: 15,000 tons!
- Korean naval architects showed that the shape would have been very stable in huge seas.

























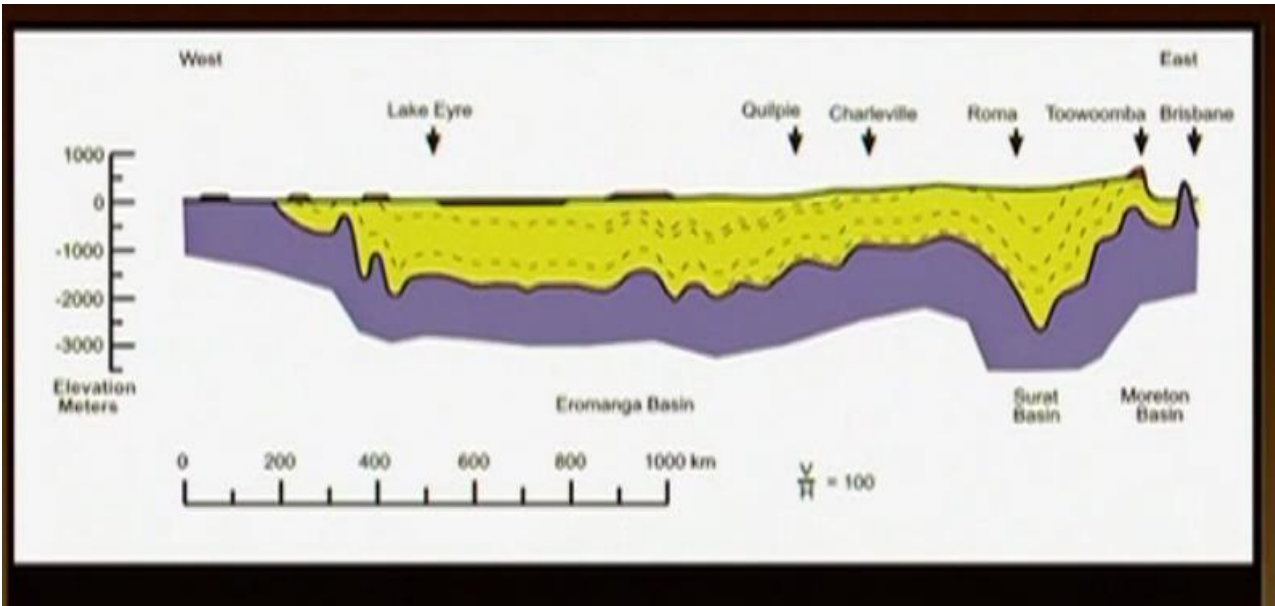




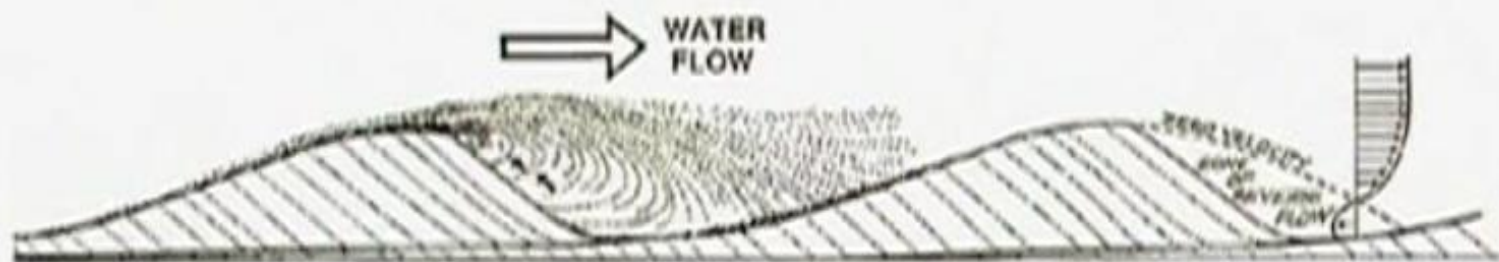
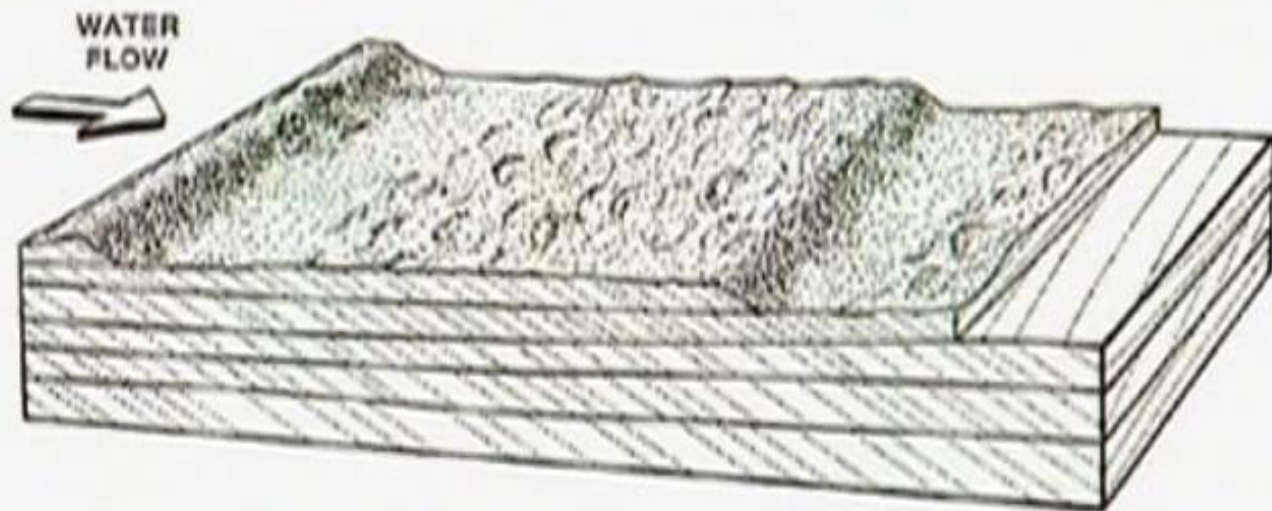












**Origin of cross-bedding, from Austin, *Grand Canyon: Monument to Catastrophe.***

**Vertical scale on lower diagram is exaggerated**

1771 edition of *Encyclopedia Britannica*:  
supporting a young earth.

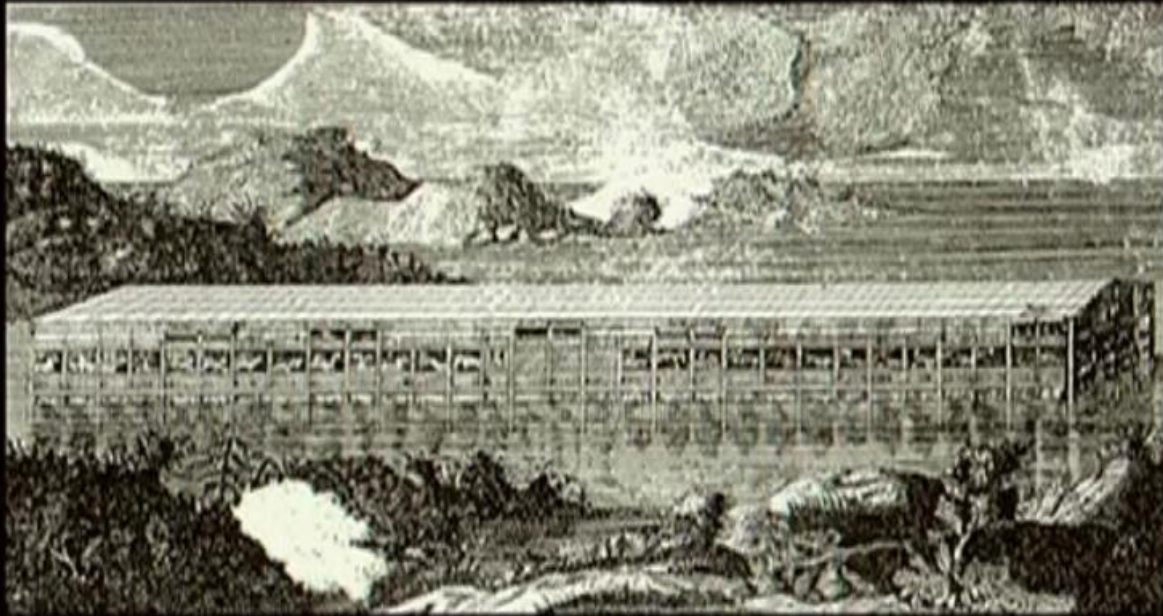


Plate XXXV: "Noah's Ark, floating on the  
waters of the Deluge."





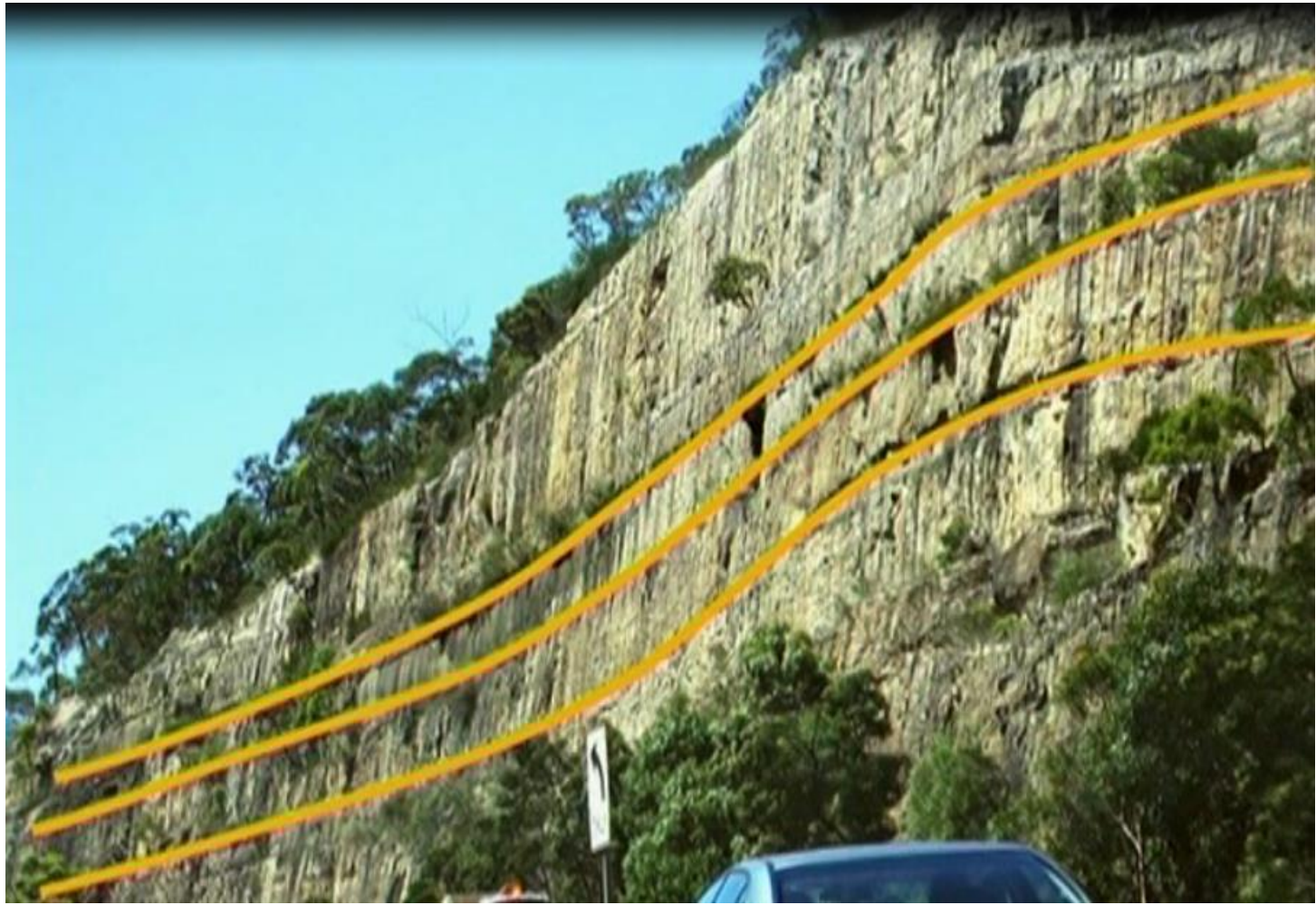




'... the physical part of Geological inquiry ought to be conducted as if the Scriptures were not in existence.'

—Charles Lyell, lecture at King's College London, 4 May 1832, quoted in Martin J.S. Rudwick, "Charles Lyell Speaks in the Lecture Theatre," *Brit. J. Hist. Sci.*, IX:2:32 (July 1976), p. 150.















# GEOLOGIC TIME SCALE

MY bp	PERIOD	EPOCH	SUCCESSION OF LIFE		ERA
2.5	QUATERNARY Rise of Man	Recent Pleistocene			CENOZOIC
	TERTIARY Rise of mammals	Tertiary Miocene Oligocene Eocene			
65	CRETACEOUS Modern seed-bearing plants, dinosaurs				MESOZOIC
136	JURASSIC First birds				
190	TRIASSIC Cycads, first dinosaurs				
225	PERMIAN First reptiles				PALEOZOIC
280	CARBONIFEROUS PENNSYLVANIAN First insects				
325		MISSISSIPPIAN Many corals			
345	DEVONIAN First seed plants, cartilag fish				
395	SILURIAN Earliest land animals				
430	ORDOVICIAN Early bony fish				
500	CAMBRIAN Invertebrate animals, Brachiopods, Trilobites				
600	PRECAMBRIAN Bacteria, Algae, Jellyfish				

Pre-Life basement rocks to 4.6 billion years old



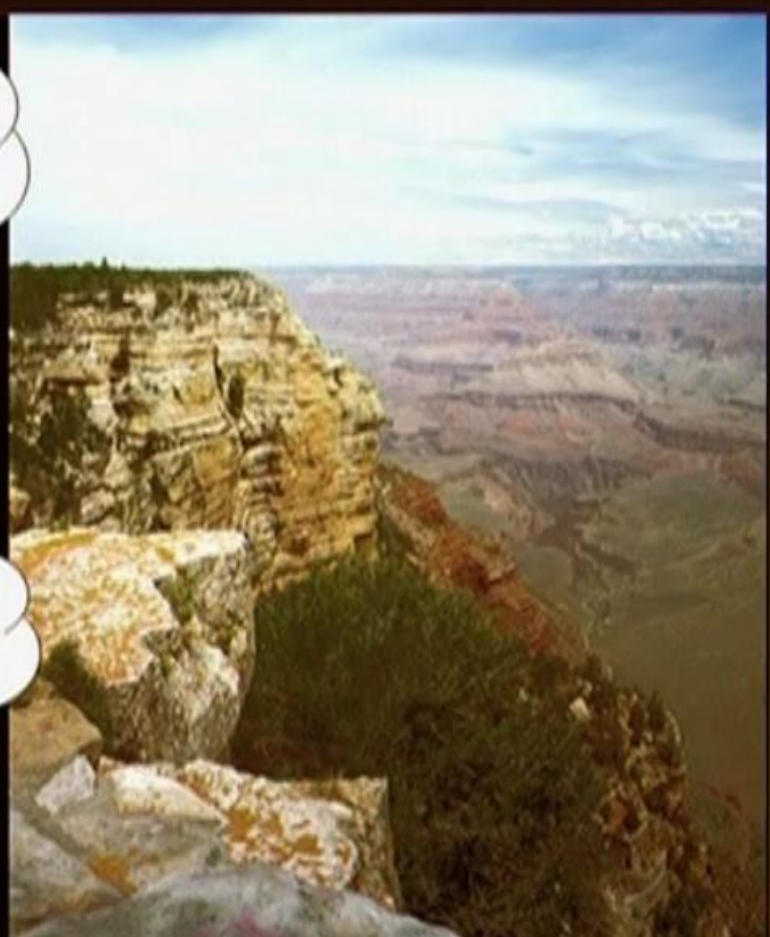






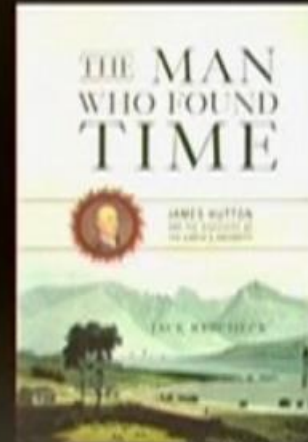
A LITTLE  
WATER AND  
A LONG,  
LONG TIME

A LOT OF  
WATER AND A  
SHORT TIME

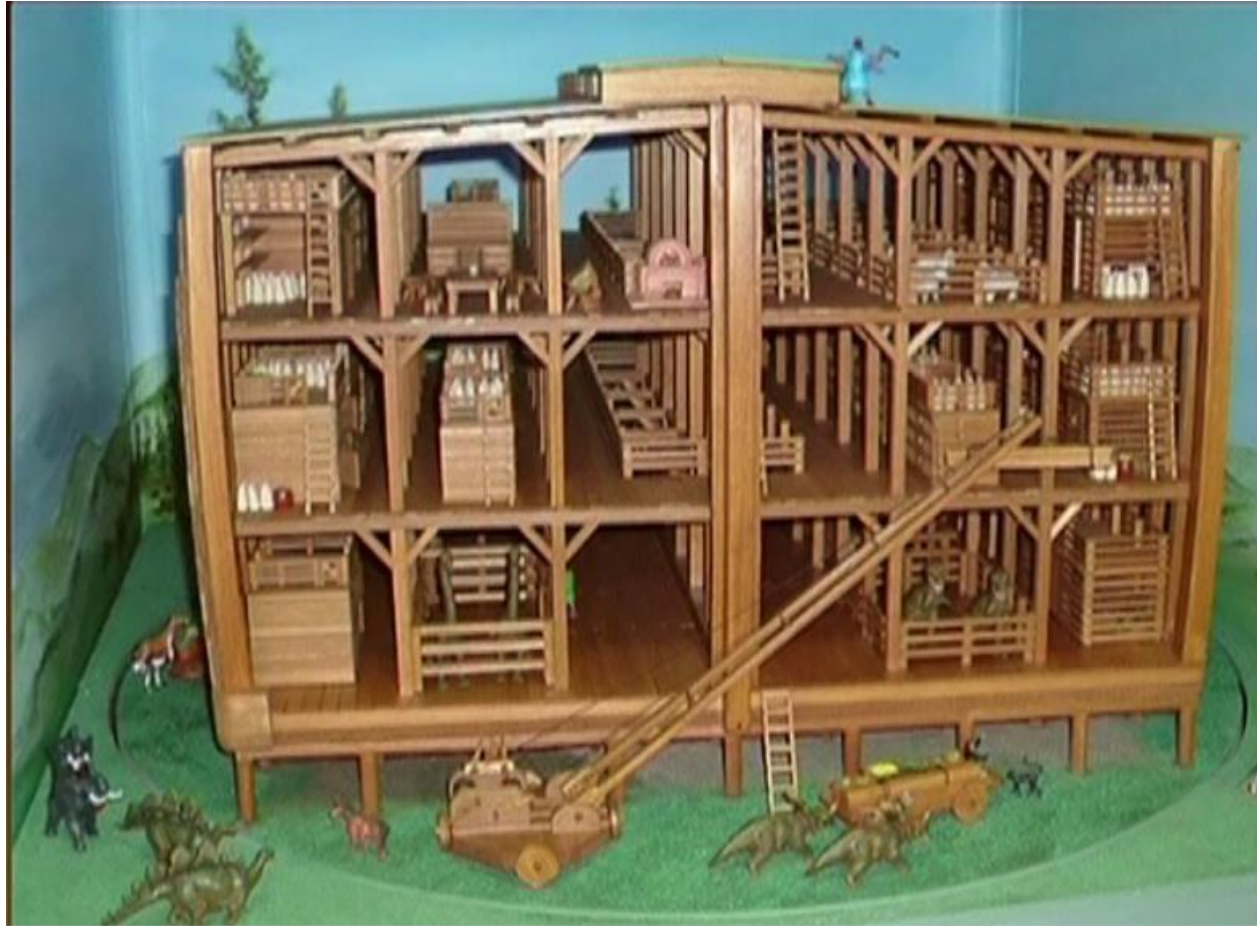




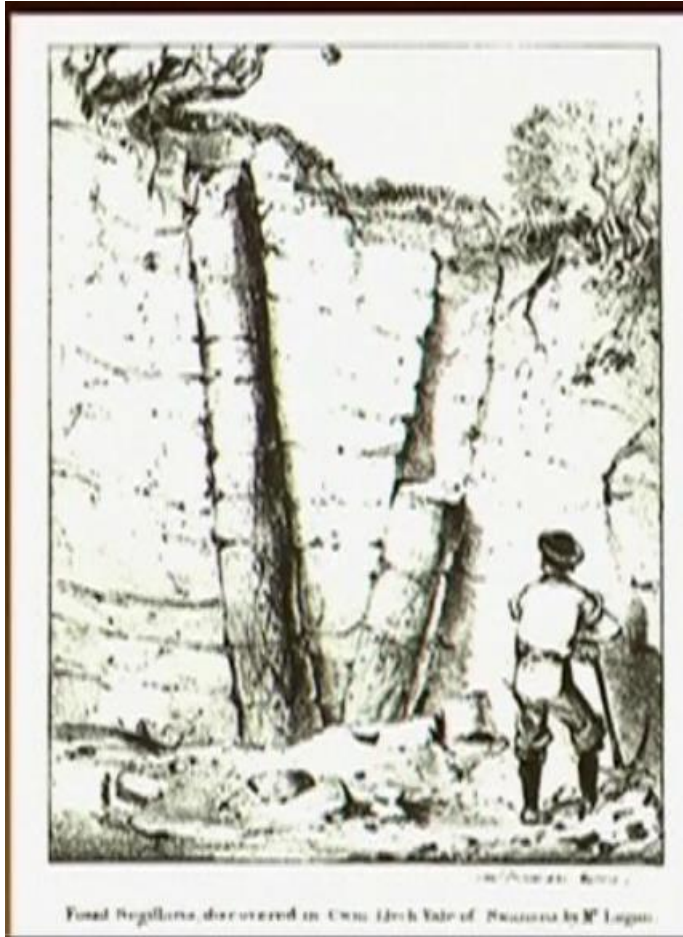
[p.4] 'Hutton's theory was deeply upsetting on two counts. First it questioned the veracity of the Bible, and second, it displaced humans from close to the start of time.'



—Repcheck, J., *The Man Who Found Time*,  
Perseus Publishing, 2003.







## Logs in coal Swansea, Wales

'we cannot escape  
the conclusion that  
sedimentation was  
at times very rapid  
indeed'

Derek Ager, Emeritus Prof.  
Geology, University College of  
Swansea

**“Lyell also sold geology some snake oil. He convinced geologists that ... all past processes acted at essentially their current rates (that is, those observed in historical time).**

**Warren D. Allmon, Director of the Paleontological Research Institution in Ithaca, NY, and Adjunct Associate Professor of Earth and Atmospheric Sciences at Cornell University, “Post Gradualism”, *Science*, vol. 262, p. 122, October 1, 1993.**







NAUTILUS

CRETACEOUS  
MADAGASCAR

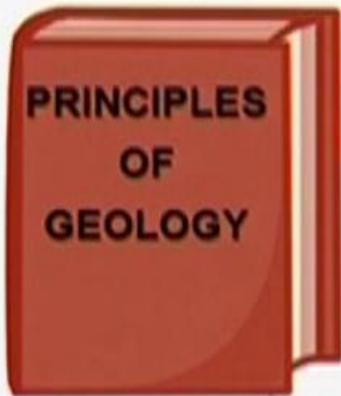


## NOAH'S FLOOD

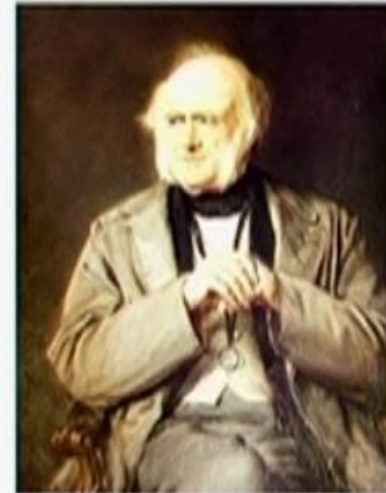
“The great catastrophe of Noah’s Flood was long seen as the explanation for most of the phenomena of the rocks, especially the fossils they contain.”

—Derek Ager (1977) Professor of Geology,  
University College of Swansea.





**Charles  
Lyell**  
1797–1875



**PRINCIPLES OF GEOLOGY,  
BEING AN ATTEMPT TO EXPLAIN THE  
FORMER CHANGES OF THE EARTH'S  
SURFACE, BY REFERENCE TO CAUSES  
NOW IN OPERATION.**







SHARKS TEETH  
OTODUS OBLIQUUS

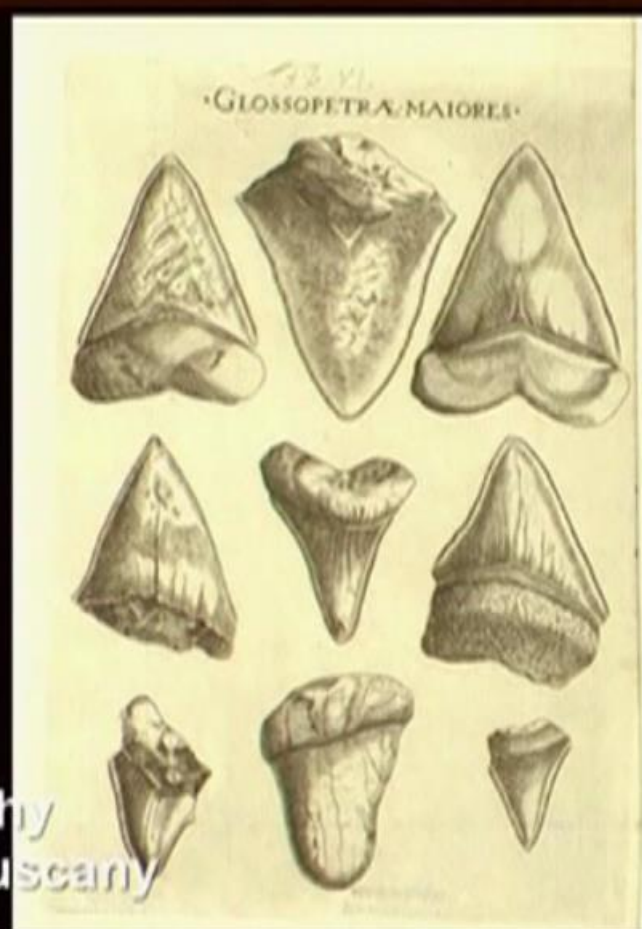
EOCENE  
MOROCCO

FOSSIL SHAR  
CARCHAROCLES

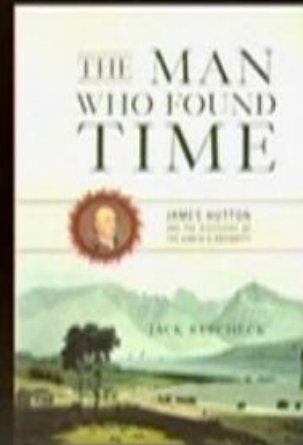


**Nicolaus Steno**  
**1638–1686**

**Fossils once alive**  
**Principles of Stratigraphy**  
**Geological History of Tuscany**



“[Jacket] ‘Hutton proved that the earth was likely millions of years old rather than the biblically determined six thousand, ...”



—Repcheck, J., *The Man Who Found Time*,  
Perseus Publishing, 2003.

## UNIFORMITARIANISM

“The past history of our globe must be explained by what can be seen to be happening now.”



—James Hutton (1726–97) *Theory of the Earth*, quoted in A.Holmes, *Principles of Physical Geology*.





## WHAT HAPPENED TO THE WEST?

‘... I myself have little doubt that in England it was geology and the theory of evolution that changed us from a Christian to a pagan nation.’

—F. Sherwood Taylor, *Geology changes the outlook*, in *Ideas and Beliefs of the Victorians*, Sylvan Press Ltd, London, p. 195, 1949. (one of a series of talks broadcast on BBC radio).