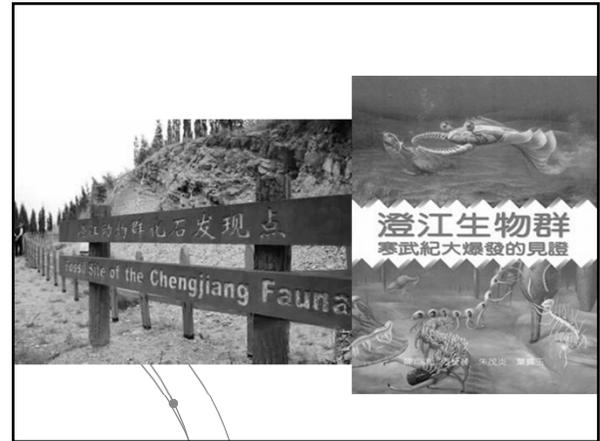
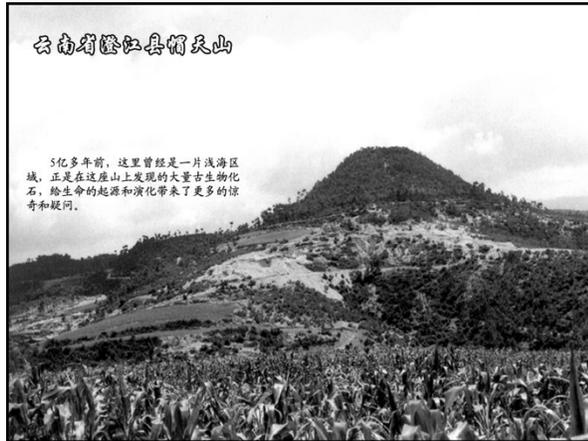


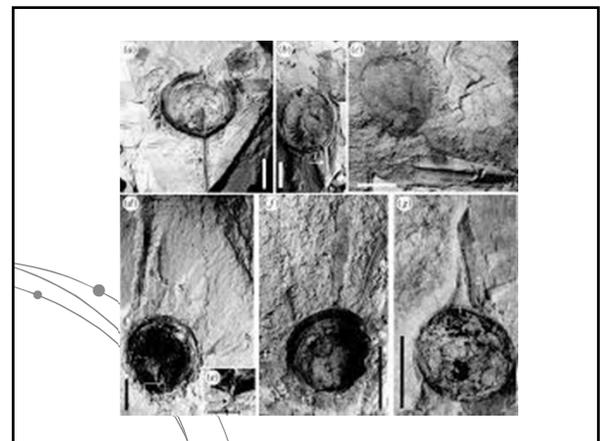
The Cambrian Explosion (Gen 7:1-5)

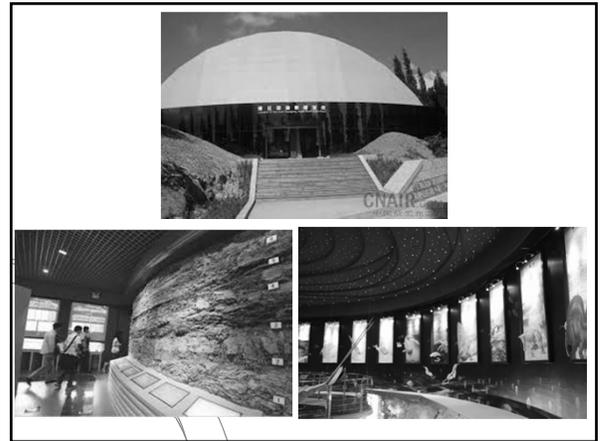
Maotianshan Shales



Maotianshan Shales

- 10th Century
- 1984
- 50 meters deep
- Hundreds of Thousands of Squared Kilometers





Maotianshan Shales 14 Articles

The image shows two magazine covers. The top cover is from 'Science' and the bottom cover is from 'Nature'. The 'Nature' cover features the text 'the human genome' and a DNA double helix. The 'Science' cover features a plant. The background of the slide includes a diagram of a DNA double helix.

Greater Significance of Maotianshan Shales

The Cambrian Explosion

The Cambrian Explosion

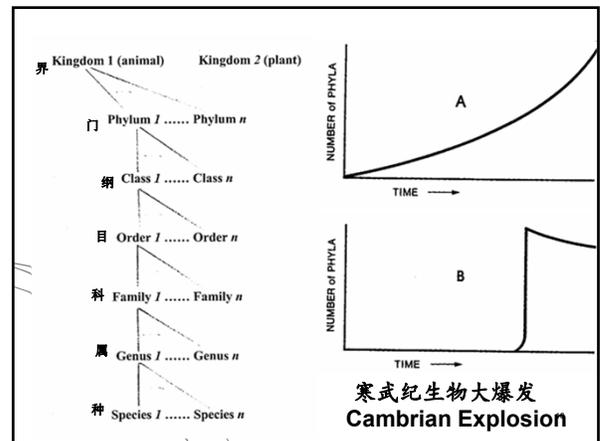
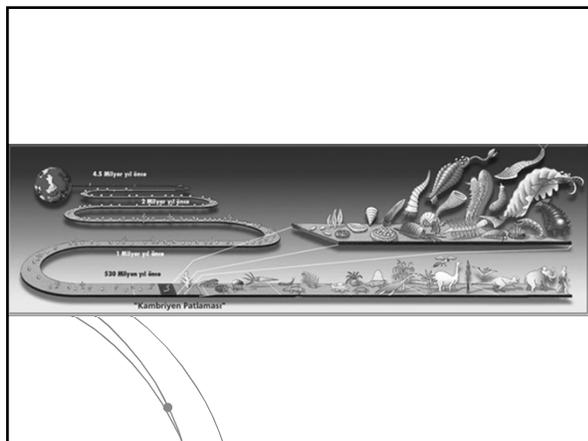
- >40 Places
- Famous Sites:
 - Burgess Shale
 - Chengjiang
 - Sirius Passet
 - Doushantuo

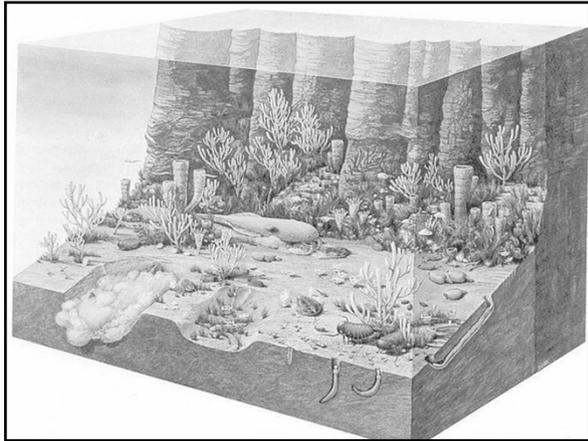
THE GEOLOGIC COLUMN			
Eras	Periods	Millions of Years Ago	Typical fossils
QUATERNARY	QUATERNARY	2	[Fossil icons]
	TERTIARY	65	[Fossil icons]
	CRETACEOUS	130	[Fossil icons]
	JURASSIC	180	[Fossil icons]
MESOZOIC	TRIASSIC	225	[Fossil icons]
	PERMIAN	275	[Fossil icons]
	CARBONIFEROUS	345	[Fossil icons]
PALAEOZOIC	DEVONIAN	405	[Fossil icons]
	SILURIAN	435	[Fossil icons]
	ORDOVICIAN	480	[Fossil icons]
	CAMBRIAN	500	[Fossil icons]
	PRE-CAMBRIAN		

Darwin's Evolutionism

- Mutation
 - - Small
 - - Takes Many Years
- Natural Selection

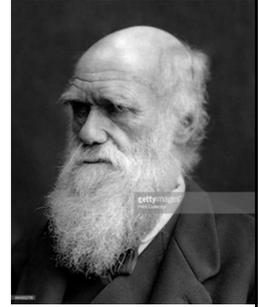
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	PRE-CAMBRIAN		



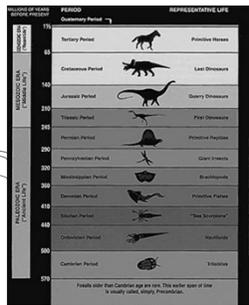


Darwin's Evolutionism

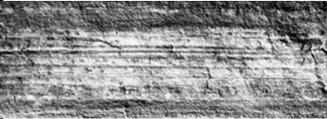
- In *On the Origin of Species*, Charles Darwin considered this sudden appearance of a solitary group of trilobites, with no apparent antecedents, and absence of other fossils, to be "undoubtedly of the gravest nature" among the difficulties in his theory of natural selection.
- "To the question why we do not find rich fossiliferous deposits belonging to these assumed earliest periods prior to the Cambrian system, I can give no satisfactory answer."



How Rock Strata Formed



- Uniformitarianism
- Catastrophism



Most Nations Have Legends about a Great Flood



Instructions to Noah (Gen 7:1-5)

- 1 The LORD then said to Noah, "Go into the ark, you and your whole family, because I have found you righteous in this generation.
- 2 Take with you seven of every kind of clean animal, a male and its mate, and two of every kind of unclean animal, a male and its mate,
- 3 and also seven of every kind of bird, male and female, to keep their various kinds alive throughout the earth.



Reason for the Flood (Gen 6:5-6)

- 5 The LORD saw how great man's wickedness on the earth had become, and that every inclination of the thoughts of his heart was only evil all the time.
- 6 The LORD was grieved that he had made man on the earth, and his heart was filled with pain. (Genesis 6:5-6)

God's Instructions to Noah (Gen 7:1-5)



- 4 Seven days from now I will send rain on the earth for forty days and forty nights, and I will wipe from the face of the earth every living creature I have made."
- 5 And Noah did all that the LORD commanded him.

The Arrival of the Flood (Genesis 7)

- 6 Noah was six hundred years old when the floodwaters came on the earth.
- 11 In the six hundredth year of Noah's life, on the seventeenth day of the second month--on that day all the springs of the great deep burst forth, and the floodgates of the heavens were opened.
- 12 And rain fell on the earth forty days and forty nights.
- 20 The waters rose and covered the mountains to a depth of more than twenty feet.
- 24 The waters flooded the earth for a hundred and fifty days.

How Large was the Ark?

- 14 So make yourself an ark of cypress wood; make rooms in it and coat it with pitch inside and out.
- 15 This is how you are to build it: The ark is to be 450 feet long, 75 feet wide and 45 feet high.
- 16 Make a roof for it and finish the ark to within 18 inches of the top. Put a door in the side of the ark and make lower, middle and upper decks. (Genesis 6:14-16)



Which Creatures Were Preserved?

- 19 You are to bring into the ark two of all living creatures, male and female, to keep them alive with you.
- 20 Two of every kind of bird, of every kind of animal and of every kind of creature that moves along the ground will come to you to be kept alive.





Where Did Water Come From?

- 11 In the six hundredth year of Noah's life, on the seventeenth day of the second month--on that day all the springs of the great deep burst forth, and the floodgates of the heavens were opened.
- 12 And rain fell on the earth forty days and forty nights. (Genesis 7:11-12)

Where Did Water Come From?

- 6 And God said, "Let there be an expanse between the waters to separate water from water."
- 7 So God made the expanse and separated the water under the expanse from the water above it. And it was so.



The Receding of the Flood

- 6 After forty days Noah opened the window he had made in the ark
- 7 and sent out a raven, and it kept flying back and forth until the water had dried up from the earth.
- 8 Then he sent out a dove to see if the water had receded from the surface of the ground.

The Receding of the Flood

- 10 He waited seven more days and again sent out the dove from the ark.
- 11 When the dove returned to him in the evening, there in its beak was a freshly plucked olive leaf! Then Noah knew that the water had receded from the earth.
- 12 He waited seven more days and sent the dove out again, but this time it did not return to him.



Rainbow Covenant



- 3 Everything that lives and moves will be food for you. Just as I gave you the green plants, I now give you everything.
- 16 Whenever the rainbow appears in the clouds, I will see it and remember the everlasting covenant between God and all living creatures of every kind on the earth." (Genesis 9:3;16)

Earth Changes after the Flood

- Antarctica's Ice Mountains
- Human Lives Shortened
- Extinction of Dinosaurs
- Oil in Deserts



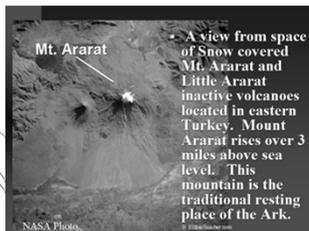
Recent Discoveries

- Burial Ground of Many
- Frozen Mammoth in Siberia
- Discovery of Ark



Does the Ark Really Exist?

and on the seventeenth day of the seventh month the ark came to rest on the mountains of Ararat.
(Genesis 8:4)



Reflection on Cambrian Explosion

- Did Human Beings Evolve from Apes?
- Does God Exist?
- Why was There a Flood?
- Implications to Us Today?

The Type of Flood (Matt 24:36-39)

36 "No one knows about that day or hour, not even the angels in heaven, nor the Son, but only the Father. 37 As it was in the days of Noah, so it will be at the coming of the Son of Man.

- 38 For in the days before the flood, people were eating and drinking, marrying and giving in marriage, up to the day Noah entered the ark; 39 and they knew nothing about what would happen until the flood came and took them all away. That is how it will be at the coming of the Son of Man.

Responsibility of Today's "Noah"

- 5 if he did not spare the ancient world when he brought the flood on its ungodly people, but protected Noah, a preacher of righteousness, and seven others (II Peter 2:5)

