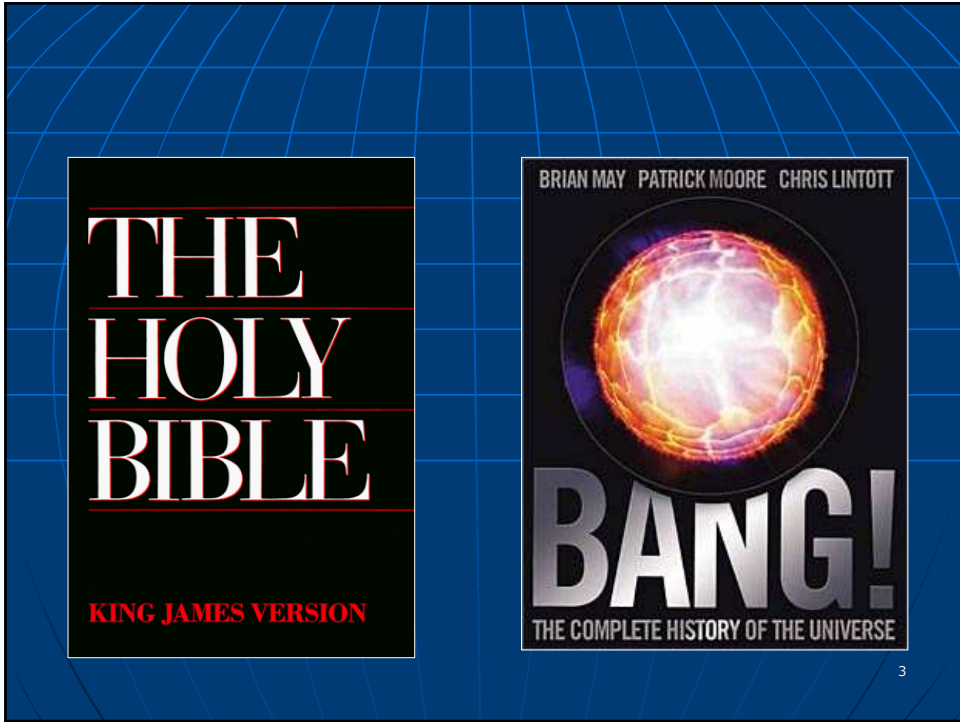


Science and the Bible

Plan of address

- Introduction
- Evolution
- Adam and Eve
- Life on Mars?
- Can we live for ever?





WHY

“For thus saith the LORD that created the heavens;...he created it not in vain, he formed it to be inhabited.”

Isaiah 45/18

As truly as I live, all the earth shall be filled with the glory of the LORD

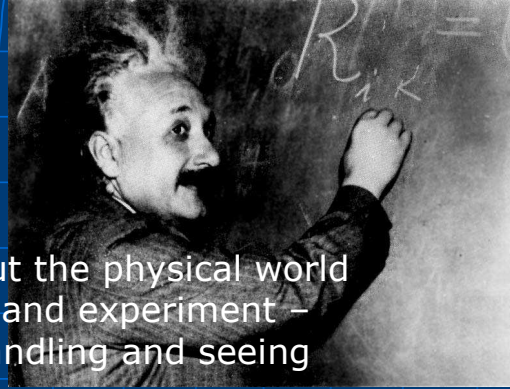
Numbers 14/21

HOW

We have set ourselves the goal of telling...the story of the ... universe itself, in the order in which it happened.

May, Moore and Lintott

4

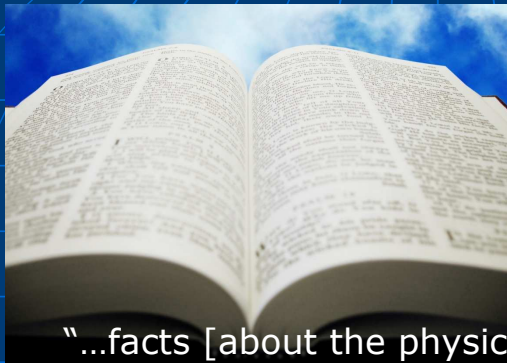


We can find out about the physical world through observation and experiment – through touching, handling and seeing what is there.

We can construct mathematical models and equations which reflect the laws we discover.

This is where science excels. Science will never tell us anything about God.

5



"...facts [about the physical world] are not the reason for God's communication..."

It is not the Bible's intention to teach science...

But His gift through His word is the revelation of who He is, which we would know only imperfectly apart from special, supernatural revelation."

6

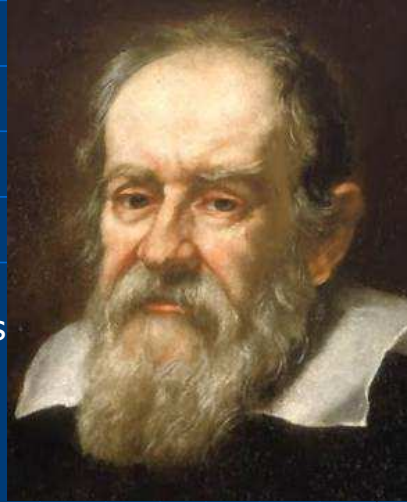
Fred Heeren

"Science is not the enemy of either Christianity or the Bible. As Christians, we have both reason and faith. The two need not be in conflict.

Dr James Adair

"I do not feel obliged to believe that the same God who endowed us with sense, reason and intellect, has intended us to forego their use."

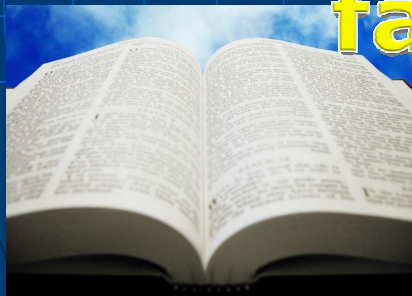
Galileo



For we know in part, and we prophesy in part. But when that which is perfect is come, then that which is in part shall be done away...

For now we see through a glass, darkly; but the face to face: now I know in part, but then shall I know even as I am known.

I Corinthians 13,9-10,12

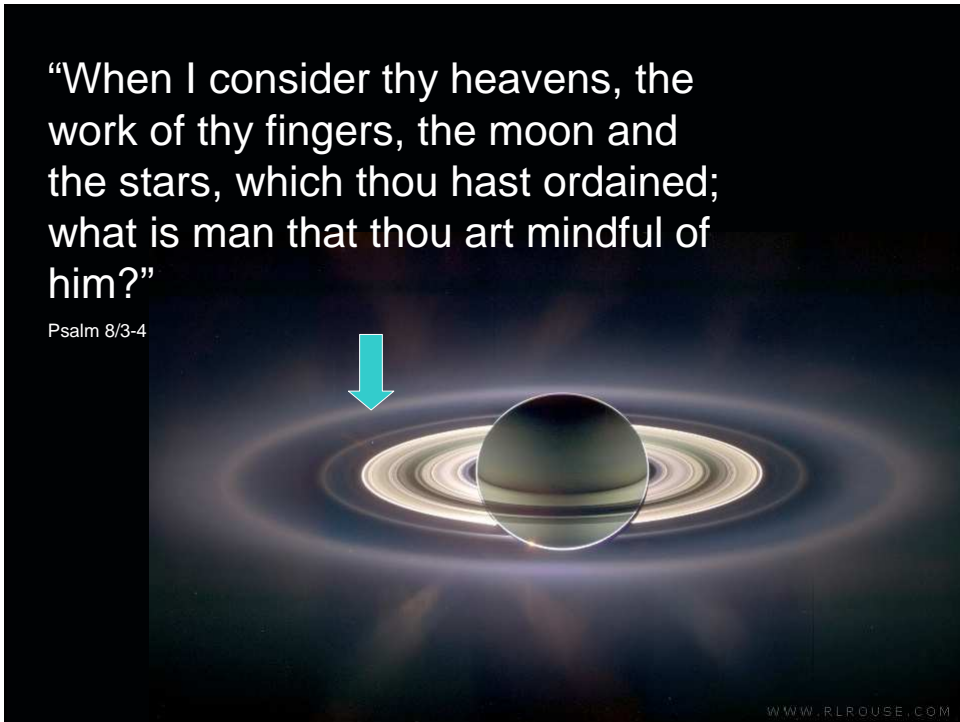
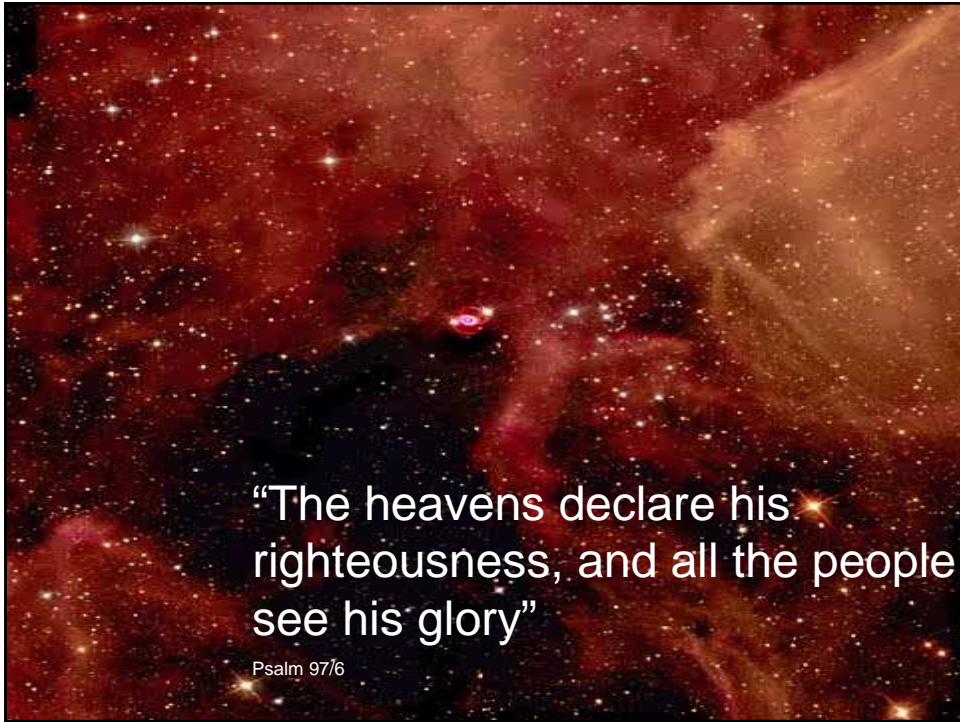


**Evidence based
faith**

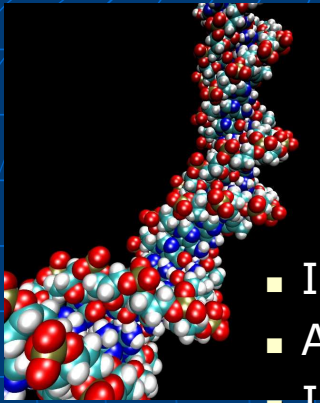
...many other signs truly did Jesus in the presence of his disciples, which are not written in this book: But these are written, that ye might believe...

John 20/30-31

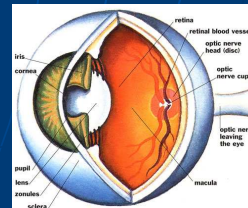
8



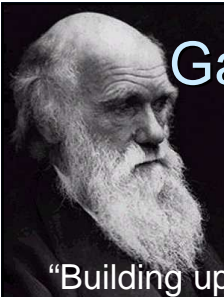
Evolution



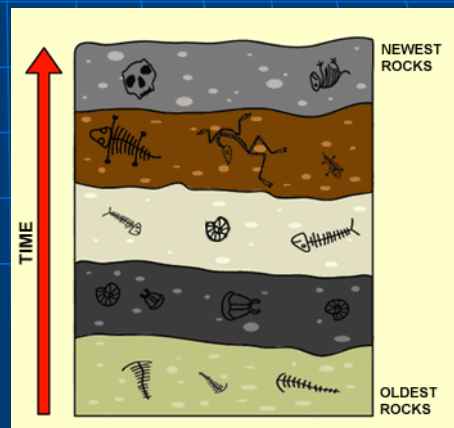
- Incomplete fossil histories
- Absence of 'missing links'
- Irreducible complexities
- Problem of entropy

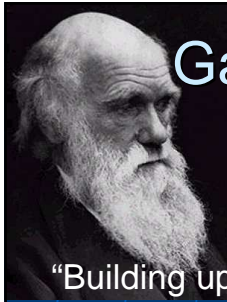


Gaps in the fossil record



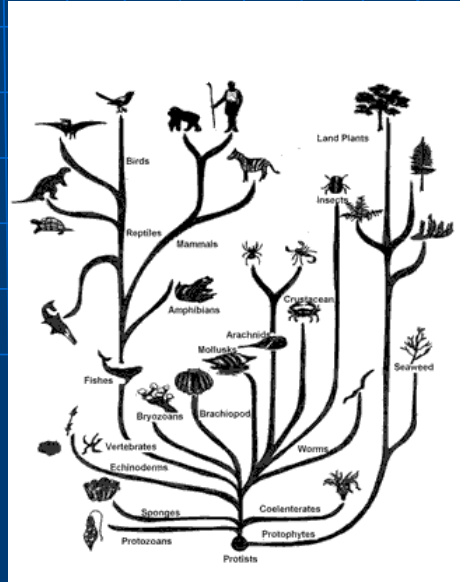
“Building up the story of evolution of any one species is difficult as in most cases there are big gaps in fossil records, so that building up the story is like putting together a jigsaw puzzle with half the pieces missing.”





Gaps in the fossil record

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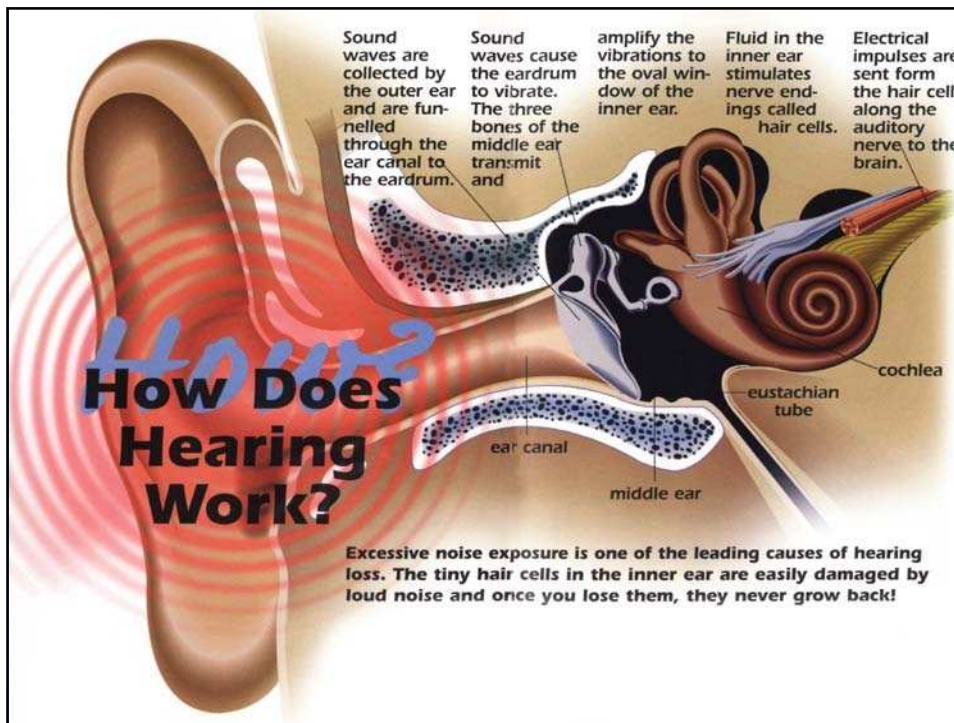


“And God said, Let the earth bring forth grass, the herb yielding seed, and the fruit tree yielding fruit after his kind, whose seed is in itself, upon the earth: and it was so



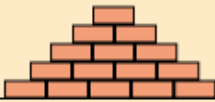
And God created great whales, and every living creature that moveth, which the waters brought forth abundantly, after their kind, and every winged fowl after his kind: and God saw that *it was good*.

And God said, Let the earth bring forth the living creature after his kind, cattle, and creeping thing, and beast of the earth after his kind: and it was so.”




The problem of entropy

If you tossed bricks off a truck, which kind of pile of bricks would you more likely produce?



Disorder is more probable than order.



“The universal law of increasing entropy states that every system tends to disintegrate into disorder, or confusion, if left to itself.”

Things...

- Rot
- Decay
- Go mouldy
- Become untidy
- Rust
- Die

16



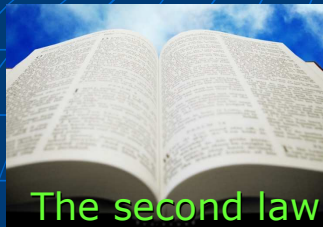
Bible links

The second law of thermodynamics

- 3 ¶ Blessed *be* the God and Father of our Lord Jesus Christ, which according to his abundant mercy hath begotten us again unto a lively hope by the resurrection of Jesus Christ from the dead,
- 4 To an inheritance incorruptible, and undefiled, and that fadeth not away, reserved in heaven for you,
- 5 Who are kept by the power of God through faith unto salvation ready to be revealed in the last time.

1 Peter 1/3

17



Bible links

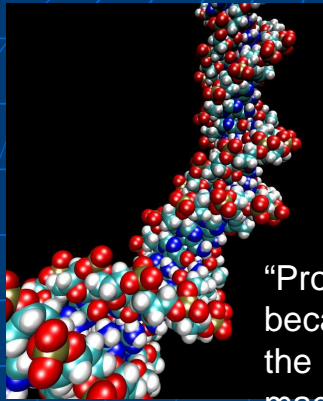
The second law of thermodynamics

- 2 Grace and peace be multiplied unto you through the knowledge of God, and of Jesus our Lord,
- 3 According as his divine power hath given unto us all things that *pertain* unto life and godliness, through the knowledge of him that hath called us to glory and virtue:
- 4 Whereby are given unto us exceeding great and precious promises: that by these ye might be partakers of the divine nature, having escaped the corruption that is in the world through lust.

2 Peter 1/2-4

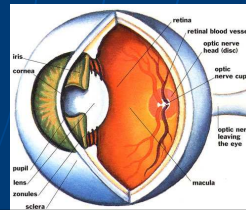
18

Evolution

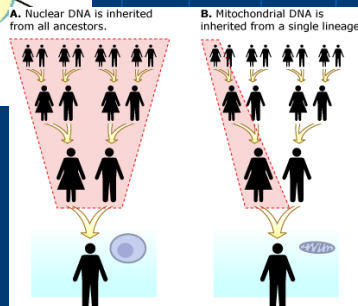
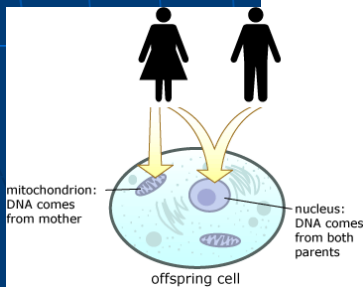
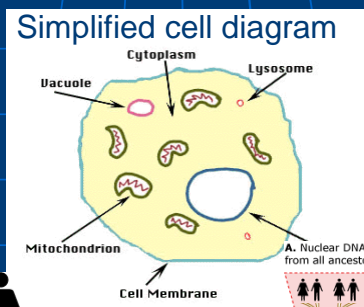


“Professing themselves to be wise, they became fools, And changed the glory of the uncorruptible God into an image made like to corruptible man, and to birds, and four-footed beasts, and creeping things.”

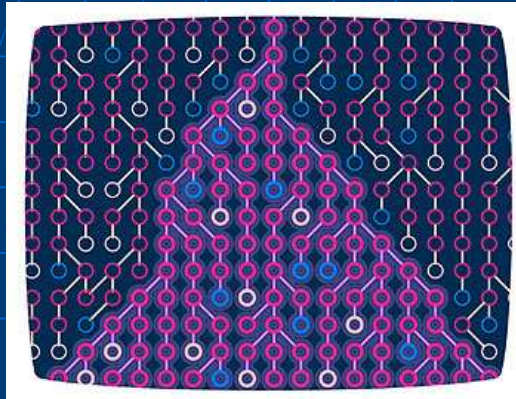
Romans 1/22-23



Adam and Eve



Mitochondrial Eve



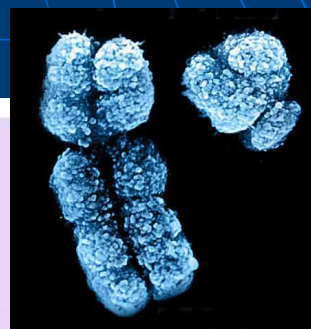
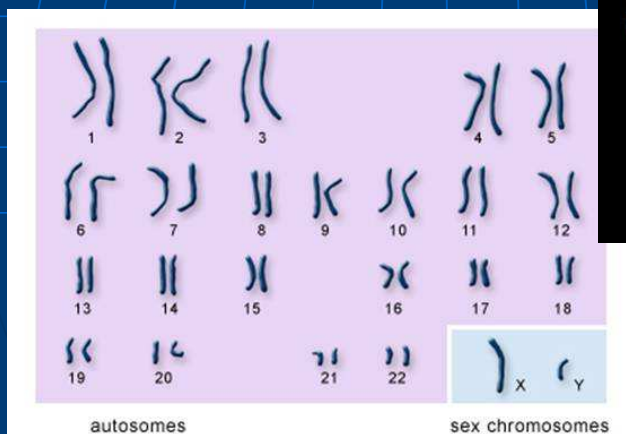
Today's population can all be traced back to one female ancestor – Mitochondrial Eve.

The most widely accepted date for this is 150,000 – 200,000 years ago.

Others have suggested a more recent date of about 6,500 years.

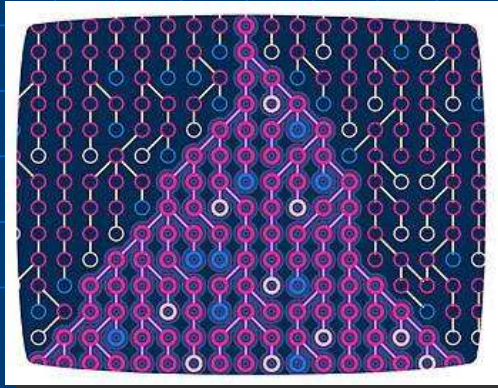
21

Y-chromosomal Adam



22

Y-chromosomal Adam



A common male ancestor can be tracked back through the Y chromosome.

Y-chromosomal Adam probably lived between 60,000 and 90,000 years ago

23

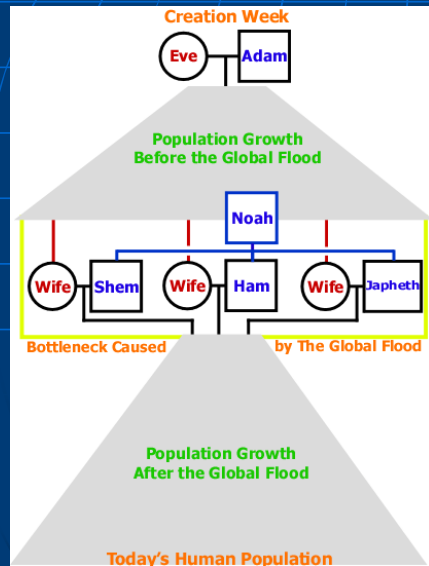
Population bottleneck

Many things may cause a bottleneck, e.g. an ice age, a natural disaster. It reduces the population.

It does not mean that Mitochondrial Eve or Y-chromosomal Adam were the only people alive – but theirs was the DNA which was successfully passed on through the subsequent generations

24

Population bottleneck



The Bible gives evidence of two bottlenecks – the creation itself and the flood

25

Our first parents

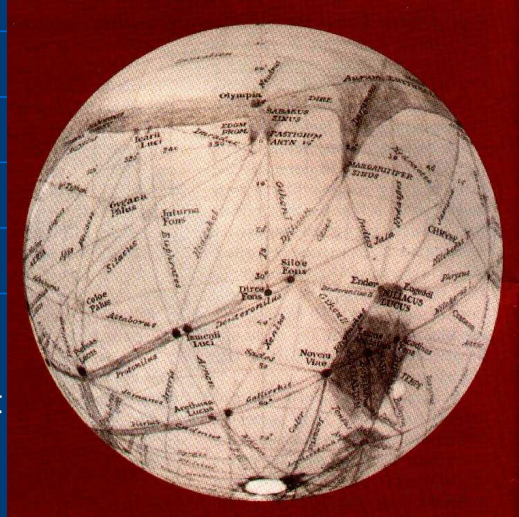
So God created man in his own image, in the image of God created he him; male and female created he them. And God blessed them, and God said unto them, Be fruitful, and multiply, and replenish the earth

26

Life on Mars?

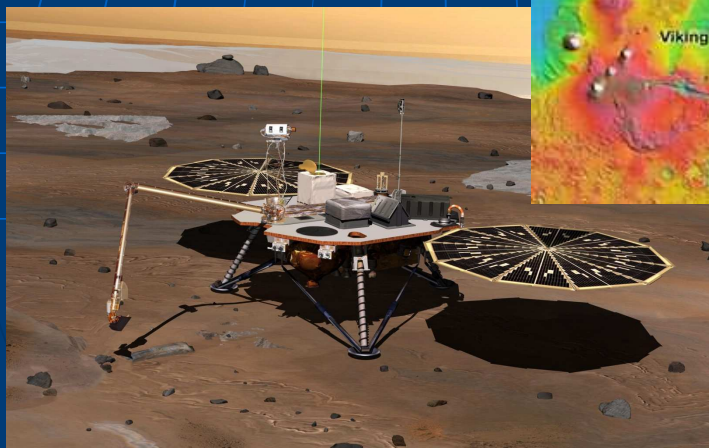
In 1877 an Italian astronomer called Giovanni Schiaparelli drew a map based on his observations of the planet. He drew lines on the surface which he called “canali”.

This led some to speculate that there must have been intelligent life on Mars to construct them.



NASA's Phoenix mission

Expected to land tonight at 0:53 BST



Newly released UFO files from the UK government

Newly released UFO files

The files contain a wide range of UFO-related documents covering the years 1978-2002. So if you want to find out more about lights in the sky over Waterloo Bridge, near misses by pilots, crop circles - and what the UK government thought of it all - this is the place to start. The files are in PDF format.

Background material

Start your own UFO research by reading Dr David Clarke's guide to the newly released files. Discover the history of government UFO investigations and find out where the new files fit in.

Existing UFO files

The National UFO files released by the Ministry of Defence are in PDF format. The files are numerous as Winston Churchill's UFOs.

[Download](#)

MOD only interested in the defence aspects and not in the search for extra-terrestrial life.

29

The Goldilocks zone

“For many years scientists looked around the solar system. Mercury and Venus were too hot, Mars and the outer planets were too cold. Only Earth was just right for life, they thought. Our planet has liquid water, a breathable atmosphere, a suitable amount of sunshine. Perfect.

It didn't have to be that way. If Earth were a little closer to the sun it might be like hot choking Venus; a little farther, like cold arid Mars. Somehow, though, we ended up in just the right place with just the right ingredients for life to flourish. Researchers of the 1970s scratched their heads and said we were in "the Goldilocks Zone."

30

Somehow...

The LORD by wisdom hath founded the earth; by understanding hath he established the heavens.

Proverbs 3/19

For thus saith the LORD that created the heavens; God himself that formed the earth and made it; he hath established it, he created it not in vain, he formed it to be inhabited: *I am the LORD; and there is none else.*

Isaiah 45/18

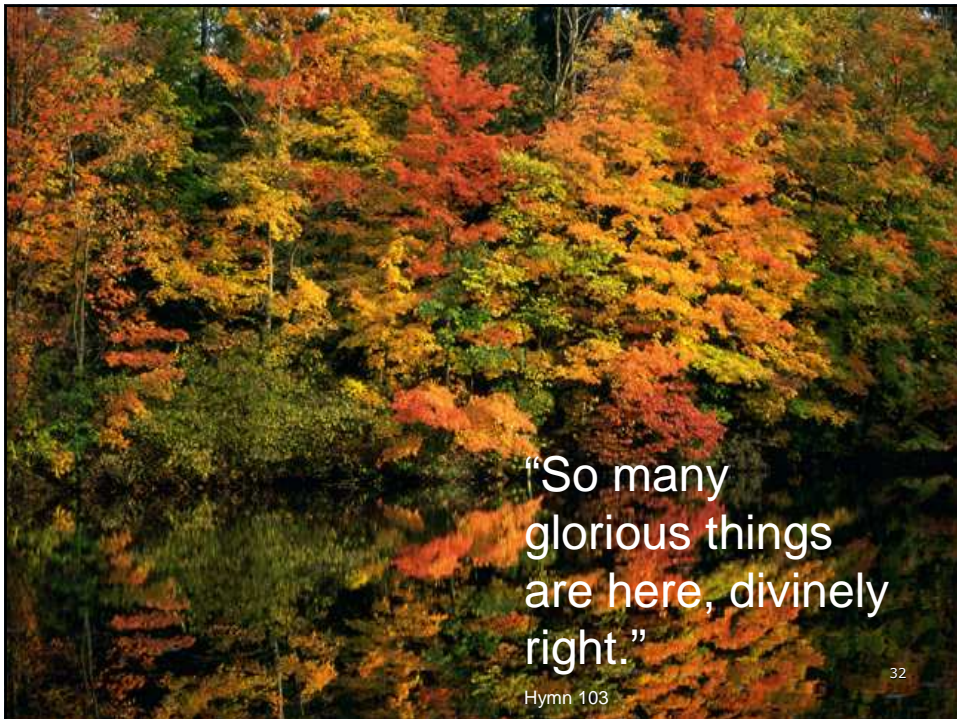
The heaven, even the heavens, are the LORD'S: but the earth hath he given to the children of men.

Psalms 115/16

Thou hast set all the borders of the earth: thou hast made summer and winter

Psalms 74/17

31



“So many
glorious things
are here, divinely
right.”

Hymn 103

32

9 Big Questions

The Times, 8 March 2008

- Can we beat cancer?
- When will robots do the housework?
- Can we save the planet?
- Is there going to be a pandemic?
- How will the universe end?
- Will we find extraterrestrial life?
- Can we live for ever?
- What can our genes tell us about our future health?
- What is going on in teenagers' brains?

33

Can we live for ever?



“Dr Stephen Minger is convinced that stem cell research will contribute to increased longevity...”

”At least one of his peers believes that there are babies being born who could have no limit on their life expectancy.”

34

Can we live for ever?

“...I am come that they might have life, and that they might have *it more abundantly*.

I am the good shepherd: the good shepherd giveth his life for the sheep.”

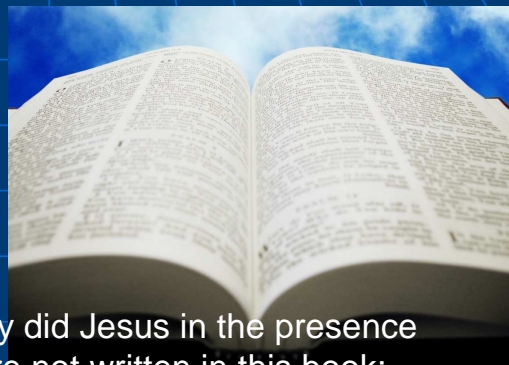
John 10/10-11

I am that bread of life...if any man eat of this bread, he shall live for ever: and the bread that I will give is my flesh, which I will give for the life of the world.

John 6/48-49

35

Can we live for ever?



“...many other signs truly did Jesus in the presence of his disciples, which are not written in this book: But these are written, that ye might believe that Jesus is the Christ, the Son of God; and that believing ye might have life through his name.”

John 20/30-31

36

For we know in part, and we prophesy in part.
But when that which is perfect is come, then
that which is in part shall be done away...

For now we see through a glass, darkly; but
then face to face: now I know in part; but then
shall I know even as also I am known.

I Corinthians 13,9-10,12

