

SCIENCE
what is **True**?

1

SCIENCE
what is **Plain**?

2

The heavens **declare** the **glory of God**
 The skies **proclaim** the **work of his hands**
 Day after day they **pour forth speech**
 Night after night they **display knowledge**
 There is no **speech** or **language** where
 their **voice** is not **heard**
 Their **voice** goes out into all the earth,
 their **words** to the ends of the world

Psalm 19:1-4

3

**THE HEAVENS DECLARE
THE GLORY OF GOD**

...as countless as the stars of the sky (Jeremiah 33:22)

How many stars are there?

128 BC: Hipparchus = 1,026
 1600 AD: Kepler = 1,005

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**THE HEAVENS DECLARE
THE GLORY OF GOD**

...as countless as the stars of the sky (Jeremiah 33:22)

How many stars are there?

2003 AD count:
 70 sextillion (70 x 10²¹)

70,000,000,000,000,000,000,000

5

Driver, Simon (2003). Star survey reaches 70 sextillion. *CNN.com/ Science & Space* (Online). July 23. www.cnn.com/2003/TECH/space/07/22/stars.survey/.

The wrath of God is being **revealed** from heaven against all the godlessness and wickedness of men who suppress the truth by their wickedness, since what may be **known** about God is **plain to them**, because God has **made it plain** to them. For **since the creation** of the world **God's invisible qualities**-his eternal power and divine nature-have been **clearly seen**, being **understood from what has been made**, so that men are **without excuse**...

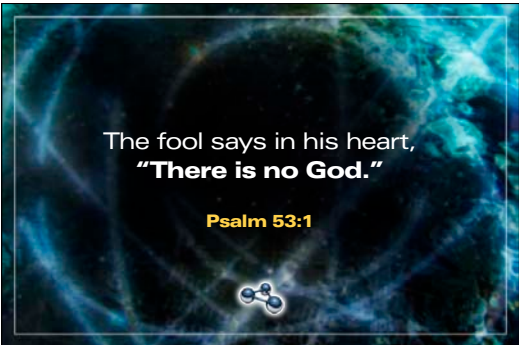
Romans 1:18-20

6

For **although they knew God**, they neither glorified him as God nor gave thanks to him, but their **thinking** became **futile** and their foolish **hearts were darkened**. Although they **claimed to be wise**, they became **fools** and **exchanged the glory of the immortal God for images** made to look like mortal man and birds and animals and reptiles...They exchanged the **truth** of God for a **lie**, and worshiped and served created things rather than the Creator...

Romans 1:21-23, 25


7



The fool says in his heart,
"There is no God."

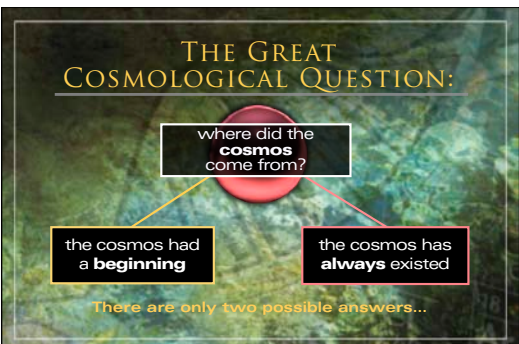
Psalm 53:1

8



thinking of **Nothing**...

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THE GREAT COSMOLOGICAL QUESTION:

where did the **cosmos** come from?

the cosmos had a **beginning**

the cosmos has **always** existed

There are only two possible answers...

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METAPHYSICAL QUESTIONS

why is there **something** rather than **nothing**?

why is **anything** in **motion** rather than everything **still**? (or hot/cold?)

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METAPHYSICAL QUESTIONS

why is there **order** rather than **chaos**?

why is there **life** rather than **deadness**?

why is there **music**?

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WHAT DOES THE COSMOS REVEAL?

Two choices...

Glory of God as transcendent creator

- or -

Glory of itself as the self-creator

13

time makes **all** things **possible**

"...Time is the hero of the plot... what we regard as impossible on the basis of human experience is meaningless here. Given so much time, the impossible becomes possible."

George Wald, *Scientific American*

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Wald, George (1954). The origin of life. *Scientific American*, 190, No. 2, 44-53.

THE BATTLE OVER SCIENCE

what is **TRUE**?

Truth Reality **VS** Lie Illusion

what is **PLAIN**?

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COSMOS: ASSUMPTIONS

"I believe our future depends powerfully on how well we understand this cosmos..."

"We wish to pursue the truth no matter where it leads. But to find the truth, we need imagination and skepticism both."

"We will not be afraid to speculate, but we will be careful to distinguish speculation from fact."

17

Sagan, Carl (Producer). (1980). *Cosmos*. Los Angeles, CA: Cosmos Studios.

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DEFINING SCIENCE

Oxford:

"...the **systematic study** of the structure and behaviour of the physical and natural world through **observation** and **experiment**."

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DEFINING SCIENCE

Science & philosophy are therefore closely linked. Both are attempting to develop truth claims about reality.

Philosophy, in the realm of universals

Science, in the realm of particulars

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JOHANNES KEPLER

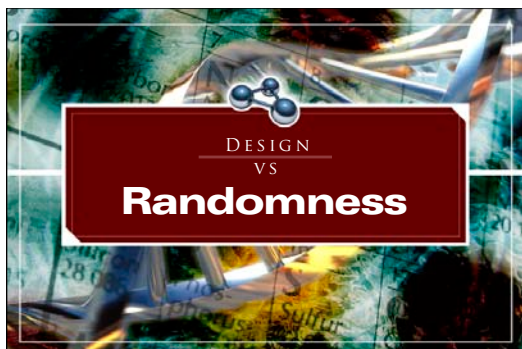
"The chief aim of all investigations of the external world should be to discover the rational order and harmony which has been imposed on it by God."

cited in Charles Colson, How Now Shall We Live?



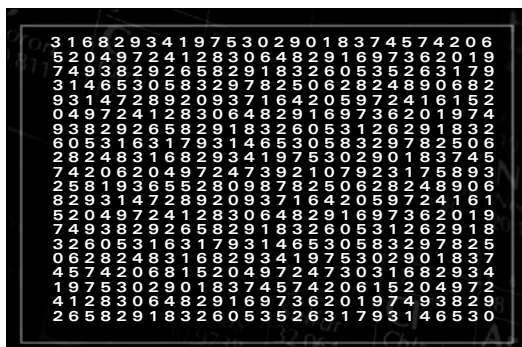
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Kepler, Johannes (1999). Cited in Charles Colson, *How now shall we live?* Wheaton, IL: Tyndale House Publishers, Inc., p. 51.



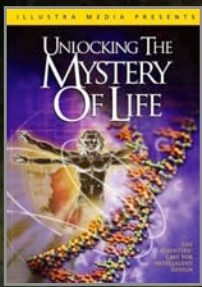
DESIGN
VS
Randomness

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3 1 6 8 2 9 3 4 1 9 7 5 3 0 2 9 0 1 8 3 7 4 5 7 4 2 0 6
 5 2 0 4 9 7 2 4 1 2 8 3 0 6 4 8 2 9 1 6 9 7 3 6 2 0 1 9
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UNLOCKING THE MYSTERY OF LIFE

Example illustrating the problem of chance to produce information...



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THE BATTLE OVER SCIENCE

what is **TRUE?**

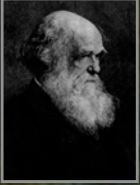
Truth Reality **VS** Lie Illusion

what is **PLAIN?**

what do we **really** hear from the **Cosmos?**

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RULERS FROM THE GRAVE



Keynes (1883-1946)
 Dewey (1859-1952)
 Freud (1856-1939)
 Wellhausen (1844-1918)
 Marx (1818-1883)
 Kierkegaard (1813-1855)
 Darwin (1809-1882)

Enlightenment...Deism...Humanism...Modernism...Post-modernism

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EXAMINING DARWIN'S THEORY

the most **influential theory** in **modern civilization**

does it match **Reality?**

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HYPOTHESIS, THEORIES, LAW

Hypothesis

Theory


Law

what are they...**really?**

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EXAMINING DARWIN'S THEORY

how does it stack up against **Reality?**




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SIR JULIAN HUXLEY

"...Darwin's theory is... no longer a theory, but a **fact**...Darwinianism has come of age so to speak. We are no longer having to bother about establishing the **fact** of evolution."

cited in David Noebel, *Understanding The Times*




30

Huxley, Julian (1991). Cited in David Noebel, *Understanding the times*. Manitou Springs, CO: Summit Press, p. 270.

ISAAC ASIMOV

“Today, although many educators play it safe by calling evolutionary ideas ‘theory’ instead of ‘**fact**,’ there is no reputable biologist who doubts that species, including *Homo sapiens*, have developed with time, and that they are continually, though slowly, changing.”

The Wellsprings of Life




Asimov, Isaac (1960). *The wellsprings of life*. New York, NY: New American Library, p. 56;

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CARL SAGAN

“Evolution is a **fact** amply demonstrated by the fossil record and by contemporary molecular biology. Natural selection is a successful theory devised to explain the **fact** of evolution.”

The Dragons of Eden




Sagan, Carl (1977). *The dragons of Eden*. New York, NY: Random House, p. 6.

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DAWKIN’S PERSPECTIVE

“It is absolutely safe to say that if you meet somebody who claims not to believe in evolution, that person is **ignorant, stupid** or **insane** (or **wicked**, but I’d rather not consider that).”

prominent Oxford scientist and author cited in M. Hartwig, Challenging Darwin’s Myths, Moody Monthly




Dawkins, Richard (1995). In M. Hatwig, Challenging Darwin’s myths. *Moody Monthly*, May,

33

SAGAN, ASIMOV, HUXLEY

evolution is a
“Fact”
the **assumption** of virtually all school textbooks...



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CREATING REALITY

“The theory of evolution is no less reliable than is the atomic ‘theory’ or the ‘germ theory of infectious disease.’ As with atoms, which cannot be directly observed, we cannot directly observe the production of new species by evolution. Biologists have gathered a tremendous amount of evidence in support of biological evolution, however,

Jane Reece, Biology: Exploring Life

Reece, Jane B. (2001). *Biology: Exploring life* (6th ed.). Menlo Park, CA: Benjamin-Cummings Publishing Company, p. 35.

35

CREATING REALITY

and not one major piece of evidence has ever been obtained that suggests it has not occurred...Conversely, the so-called theory of creationism proposes no testable hypothesis and thus cannot be proven right or wrong. Proponents simply accept it on faith. The theory of evolution, however, suggests many predictions that can be tested."

Jane Reece, Biology: Exploring Life

36

Reece, Jane B. (2001). *Biology: Exploring life* (6th ed.). Menlo Park, CA: Benjamin-Cummings Publishing Company, p. 35.

SEEING OUR OWN POSITION

**Touchdown
or
Incomplete?**

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TWO BOOKS

Natural Theology
William Paley

The Blind Watchmaker
Richard Dawkins

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RICHARD DAWKINS

"Natural selection, the blind, unconscious, automatic process which Darwin discovered, and which we now know is the explanation for the existence and apparently purposeful form of all life, has no purpose in mind. It has no mind and no mind's eye. It does not plan for the future. It has no vision, no foresight, no sight at all. If it can be said to play the role of watchmaker in nature, it is the blind watchmaker."

The Blind Watchmaker

39

Dawkins, Richard (2001). Cited in Hugh Ross, *The Creator and the Cosmos*. Colorado Springs, CO: Navpress Publishing Group, p. 101.

IGNORING THE OBVIOUS

Richard Dawkins

"Biology is the study of complicated things that give the appearance of having been designed for a purpose."

The Blind Watchmaker

40


Dawkins, Richard (1998). Cited in William Dembski, *Science and Design*, *First Things* 86 (Online), October, 21-27.

IGNORING THE OBVIOUS

Francis Crick

"Biologists must constantly keep in mind that what they see was not designed, but rather evolved."

cited in William Dembski, Science and Design



Crick, Francis (1998). Cited in William Dembski, Science and Design, *First Things* 86 (Online), October, 21-27.

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RECOGNIZING INTELLIGENT DESIGN




42

Darwin, Charles (1860). "I remember the time" quotation, Darwin to Asa Gray on April 3. Cited in *Cretinism or Eviltion? No. 3* (Online). www.talkorigins.org/faqs/ce/3/part9.html.


CHARLES DARWIN

"I remember well the time when the thought of the eye made me cold all over, but I have got over this stage of the complaint, and now small trifling particulars of structure often make me very uncomfortable. The sight of a feather in a peacock's tail, whenever I gaze at it, makes me sick!"

Letter to Asa Gray, dated 3 April 1860, The Life and Letters of Charles Darwin



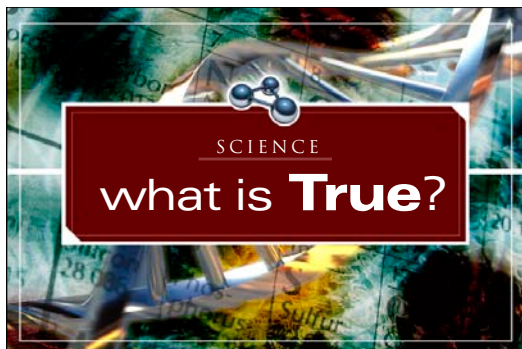
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SCIENCE

what is True?



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