Worldviews, Science, and the Nature of Humanity

Vern Sheridan Poythress

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A. Is Man an Ape?

What does DNA imply?



Example: DNA Data

Human DNA mapped

- draft, 2000
- finished, 2003
- 3 billion nucleotides
- about 8% still unsequenced (heterochromatin)
- Chimpanzee DNA mapped
 - draft, 2005

Press: Cornell News

Chimpanzees and humans share a common ancestor, and even today 99 percent of the two species' DNA is identical.

Cornell University News Service, May 15, 2005.

Select Aligned Genes

The chimpanzee and human versions of each gene were aligned, and on average they differ at only slightly more than 1 percent of the positions in the DNA.

Cornell University News Service, May 15, 2005.

Substitutions

DNA 1: A - T - G - G - T - C - T - ADNA 2: A - T - G - G - A - C - T - Asubstitution $\sim 1\%$

Indel (Gap)

DNA 1: A - T - G - G - T - C - T - A DNA 2: G - G - T - A - A - G C - T - A indel $\sim 3^{\circ}/_{0}$

Nonmatching

DNA 1: A - T - G - G - T - C - T - A

DNA 2: ? (can't find anything parallel)

 $\sim 20\%$

– Fujiyama, *Science* 295 (2002) 131-134.

Nonmatching Unique

about regions on chr21 that do not match *any* primates:

these loci might correspond to insertions that are specific to the human lineage.

– Fujiyama, Science 295 (2002) 133.

Confirm Darwinism

Charles Darwin was right and chimp gene map proves it

– News Medical, Aug. 31, 2005.

Explanation of Matches <u>Mainstream Media</u> Alternative matches confirm features of Darwinism: common man is an design advanced ape

Explanation Mainstream Media Alternative Darwinism: features of man is an common design advanced ape mechanical personal

What Is New?

We always knew we are like monkeys
Now, quantitative confirmation
Cultural preference for materialist explanation

Hidden assumption!

B. Presuppositions

What assumptions are underneath?



Science Depends on Assumptions

Not magic

- Not data speaking for itself
- Framework of assumptions, seldom discussed

Science within Frameworks

Data are not self-interpreting
 Scientists have foundational assumptions (framework of a worldview)

Two Competing Worldviews Materialism Biblical Theism

- Impersonalist
 Matter and motion
 Bottom-up explanation
- Reductionist

- Personalist
- God
- Top-down and bottom-up
- Enriching

Competing Worldviews (2) **Biblical Theism** Materialism Human mind normal
 Mind fallen Autonomous reason
 God's speech as guide Human sufficiency
 Need remedy in Christ Commitment to self
 Commitment to Christ Quick conclusion ◆ Wait

Interpretations of Humanity

Materialism

 Man as atoms Man as animal Unborn as tissue ◆ No ethical responsibility Basic problem is bodily malfunction Biblical Theism

- Man as person
- Man as image of God
- Unborn as human
- Responsibility to God
- Basic problem is sin

Apologetics

The Christian treats evidence within a biblical framework.

Unbelief secretly relies on God.

Apologetics

<u>Secular</u>

<u>Christian</u>

secretly relies on God Treats evidence within a biblical framework

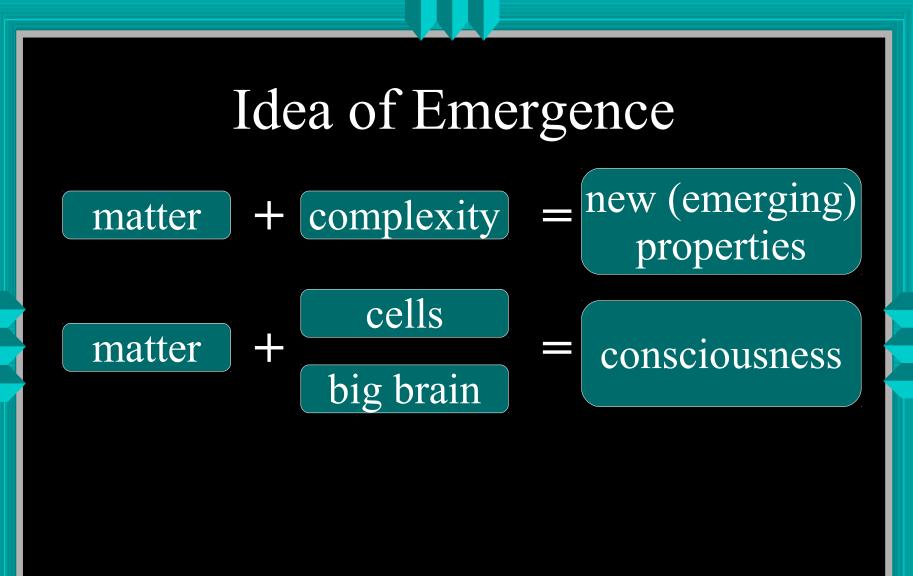
C. One Worldview Is Wrong

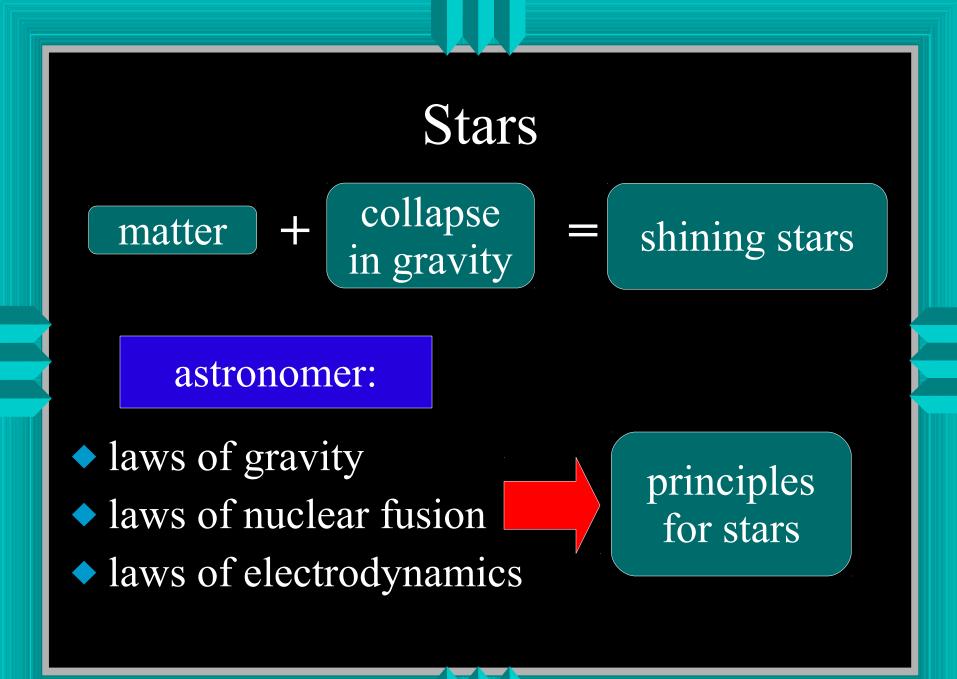
Failure of Materialism

For the wrath of God is revealed from heaven against all ungodliness and unrighteousness of men, who by their unrighteousness suppress the truth. For what can be known about God is plain to them, because God has shown it to them. For his invisible attributes, namely, his eternal power and divine nature, have been clearly perceived, ever since the creation of the world in the things that have been made. So they are without excuse. -- Romans 1:18-20

Failures of Materialism

- Circular: science looks at the material and finds it
- How can you trust your mind?
- Laws are immaterial
- Consciousness is immaterial
- "Emergence" is magic





The Hidden Emerges

What was hidden

laws and implications





astronomer sees meaning <u>already there</u>

God imparts meaning

Principle of Emergence

Watch the magician, not the hat
The rabbit emerged from hidden implications
The principles for stars
The principles for consciousness

Consciousness Emerges

What was hidden

<u>Emerged</u>

God's rule and implications



human explanation sees meaning <u>already there</u>

God imparts meaning

Dialogue

Be clear about presuppositions (worldviews)
Present Christian view without apology
Ask about assumptions, not just conclusions.
Are assumptions sustainable?

Intelligent Design

Design in the Universe as:

evidence for "neutral" reason?

OR

Christian presuppositions

evidence in tension with materialist presuppositions

evidence part of <u>universal</u> design

Dialogue on Old Testament

Does interpretation reckon with God?

God ruling <u>history</u>
God governing <u>cultures</u>
God giving <u>language</u>

D. One Worldview Is Right

Scientific Laws Show God

Everywhere
All times
Immutable
Immaterial
Rational (personal)

We All Know God

For his invisible attributes, namely, his eternal power and divine nature, have been clearly perceived, ever since the creation of the world, in the things that have been made. So they are without excuse. For although they knew God, they did not honor him as God or give thanks to him, but they became futile in their thinking, and their foolish hearts were darkened. – Romans 1:20-21

God Reveals Himself

In created things

- stars
- cells
- human bodies
- In scientific laws
- In the thinking of astronomers, psychologists, biologists, etc.

E. Suppression of Truth

We Suppress the Truth

For the wrath of God is revealed from heaven against all ungodliness and unrighteousness of men, who by their unrighteousness <u>suppress</u> <u>the truth</u>. – Romans 1:18

[they] exchanged the glory of the immortal God for images – Romans 1:23

impersonalist law

Remedy in Christ

For if while we were enemies we were reconciled to God by the death of his Son [Jesus Christ], much more, now that we are reconciled, shall we be saved by his life. – Romans 5:10

> The Holy Spirit sent by Christ, not argument, is decisive

> > pray for non-Christians

F. Patience with Evidence

Changes in Human Knowledge

Earlier

Later

 Human anatomy
 Human genome, 2000 "junk DNA" ◆ MHC, 1994

- Neanderthals, 1829
 Neanderthal DNA, 2010
 - many functions
 - ◆ MHC, 2006
- Population from
 Recombination recombination, 2007 rate varies, 2011

Interpreting Evidence

Human chromosome 2 "matches" chimp 2A and 2B stuck together.