

Natural Science Probabilities of Life

- Law of Probability allows a maximum probability of forming-
- **a typical functional protein^a:** 1 part in 10^{175}
 - **the required enzymes for life^b:** 1 part in $10^{40,000}$
 - **a living, self-replicating cell^c:** 1 in $10^{340,000,000}$
- ^aThaxton, Bradley, & Olsen, *The Mystery of Life's Origin*, 1992
^bFred Hoyle, *The Intelligent Universe* pp. 16-17, 1983
^cHarold Morowitz, *Energy Flow in Biology*, p. 99
- Equivalent to winning each (once is 1 in 41,416,353) CA Superlotto for: ^a23 times, ^b50 years, ^c125 million years
- Life is unfathomably complex: "Functionally effective proteins have a vanishingly small chance of arising spontaneously in a prebiotic environment."** Jimenez-Montano, "Applications of Hyper Genetic Code to Bioinformatics", *J. Biol. Sys.* (12) pp5-20, 2004

Other Scientific Insights of the Bible

- **Health:** Laws on washing, quarantine, & diet (esp. Lev. 13-14) "For the life of the flesh is in the blood" (Lev 17:11)
 - **Biology:** >250 botanical terms, hundreds of animals described
 - Catastrophic flood narrative implies world-wide fossil column, mass extinction, and dramatic environment change.
 - 50' wing-span pteranodons would require > 2 times atmosphere
 - Polystrate trees, human artifacts in coal, and anthropology support
 - **Description of crucifixion** 1000 years before it existed: Ps 22
Events (1, 6-8, 18) and graphic description (14-17)
- "all my bones are out of joint. My heart has turned to wax ...my tongue sticks to the roof of my mouth ...they have pierced my hands and feet. I can count all my bones"
- Pericardial infusion: heart like wax (Jn. 19:34-35)
(Jesus literally died from a broken heart)

Bible Codes: Equidistant Letter Sequences (ELS)

- Using every nth letter results in meaningful phrase
- Finding 34 most prominent rabbis: "Our referees were baffled: their prior beliefs made them think the Book of Genesis could not possibly contain meaningful references to modern-day individuals, yet when the authors carried out additional analyses and checks the effect persisted." "ELS in the Book of Genesis," *Statistical Science*, 1994, V9#3, 429-438

It seems to defy probability, indicating verbal inspiration

Many dismiss codes as coincidence or even occultic

"It is the glory of God to conceal a matter; to search out a matter is the glory of kings." Pr 25:2

Information Systems in Life

- There are multiple OSs, multiple programming languages, encoding/decoding hardware and software, specialized communications systems, error detection and correction mechanisms, specialized input/output channels for organelle control and feedback, and variety of specialized "devices" to accomplish the tasks of life.

"Those who insist on undirected natural causes of life are thus in an untenable position when it comes to known science. Not only can they not prove that it's possible (nonzero probability) for life to come about by undirected natural processes, but the information content of life precludes that possibility." Don Johnson, *Probability's Nature and Nature's Probability*, 2009, p54

Archaeological verifications

(things "higher criticism" discounted)

- Ebla Tablets include descriptions of many Biblical people, cities (Sodom, Gomorrah, Zoar, Jerusalem, Salim) and Creation
- Jericho's walls (Josh. 6:20) DID fall flat
- Annihilated Canaanite tribes (Edomites, Moabites, etc.) existed
- The events/circumstances of Daniel have been substantiated
- Dead Sea Scrolls verified many people, places, and events of New Testament
- "The excessive **skepticism** shown toward the Bible...has been progressively discredited. Discovery after discovery has established the accuracy of the Bible as a source of history." ([The Archaeology of Palestine](#))

Conclusions

- **The Bible IS reliable and can be trusted** – "All Scripture is God-breathed and is useful for teaching..." (2 Tim. 3:16).
- **Christian faith is fact-based, not "blind" or "anti-logic"** – "You will know the truth, and the truth will set you free." (Jn. 8:32).
- **Our knowledge on any subject is limited** – "Now we see but a poor reflection as in a mirror." (1 Cor 13:12).
- **Proven reliability increases confidence in accuracy of predictions** (Heaven, Hell, judgment, salvation, etc. are based on faith).
- **The world is blind to many truths** (Rom. 1:18-32, 1 Cor. 1:18-2:16) – "They exchanged the truth of God for a lie."

PDFs and other links available at www.4iam.org

Universe insights

- "He sits enthroned above the circle of the earth." (Isa. 40:22)
- "He suspends the earth over nothing." (Job 26:7)
- "He .. fixed securely the fountains of the deep." (Prov. 8:27)
- Deep valleys in the ocean (>5 mi) described in Ps 104.
- The water cycle is described in Ecc 1:6-7 and Job 36:27-29
- "He binds up the water in His thick clouds, yet the clouds are not broken under it." (Job 26:8)

Astronomy:

- "He stretches out (*expanding*) the heavens like a tent." (Isa. 40:4, 42:5)
 - "I will surely bless you and make your descendants as numerous as the stars in the sky and as the sand on the seashore." (Gen 22:17) (a countless/measureless number in Jer. 33:22)
 - 10^{11} galaxies, 10^{11} stars each (only 4,000 of 10^{22} viewable)
 - At 1% of earth's surface as seashore 10 meters deep, the estimate of grains of sand is 10^{22} (<http://www.geocities.com/osarsf/astromy.htm>)
- (Note: estimate of number of people who have lived is 10^{11})

Statistical Probabilities of Fulfilled Specific Prophecies

1 Chance in:

- Tyre: 7×10^7 Samaria: 4×10^4 Edom: 1×10^4
Babylon: 5×10^9 Jerusalem: 8×10^{10} Jerico: 2×10^5
Moab: 1×10^3 Palestine: 2×10^5 Gaza: 1×10^4
- For all 9 of the above to occur: 1 in 2×10^{54}
- e.g., Tyre (Ezekial 26:3-21, 570 BC) prophecies include: Nebuchadnezzar destroys (v8): in 538 BC
Many nations against (v3): included Babylonia, Greece, etc.
Into sea to be a bare rock (v4-5, 12) : Alexander (332 BC)
Never rebuilt (v14,21): today fishermen dry their nets there
- Calculated probability of 48 Messianic prophecies is 1 in 10^{157} (Jesus uniquely fulfilled 60 major prophecies) ([Science Speaks](#), Stoner)
- Maximum estimate of universe's number of atoms: 10^{80}
- Probability of selecting a particular atom randomly: 10^{-80}

Useful ID References

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