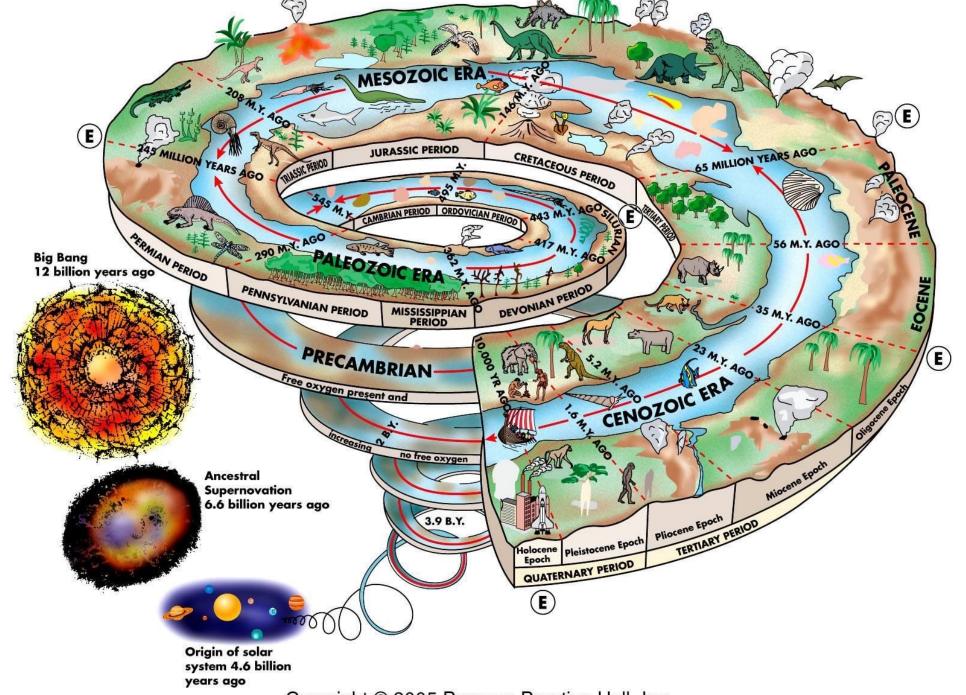


Tales of the Earth & Moon



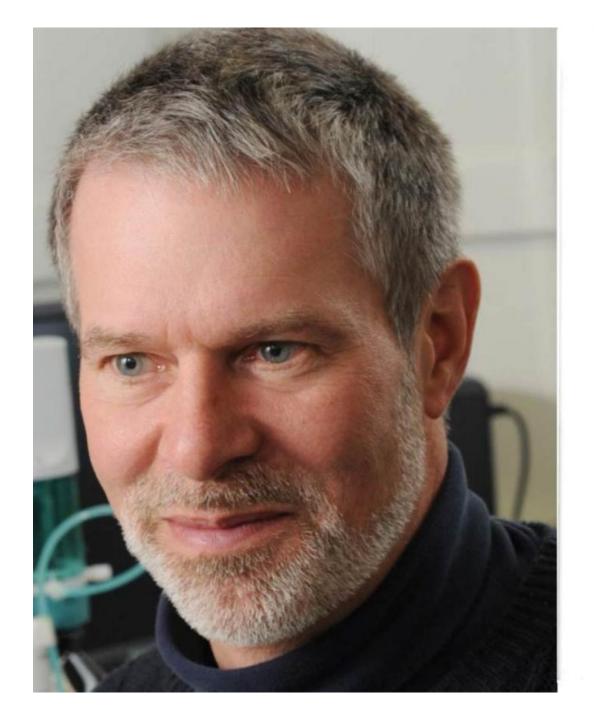
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Early Earth

- Formation (4567 Million years ago)
- Melting Distillation & Gravitational Settling
- BIG THWACK! (Moon formed 4500 million years)
- Late Heavy Bombardment (~ 4000 million years)
- Hadean (until ~ 4000 million years)
- Origins of Life (about 3800 million years ago)
- Archaean (until 2500 million years ago)
- Proterozoic ("Boring Billion")
- Snowball Earth (725 million, 640 million years ago)
- "Cambrian Explosion" 541 million years ago









THE STORY OF EARTH

THE FIRST 4.5 BILLION YEARS,
FROM STARDUST TO LIVING PLANET

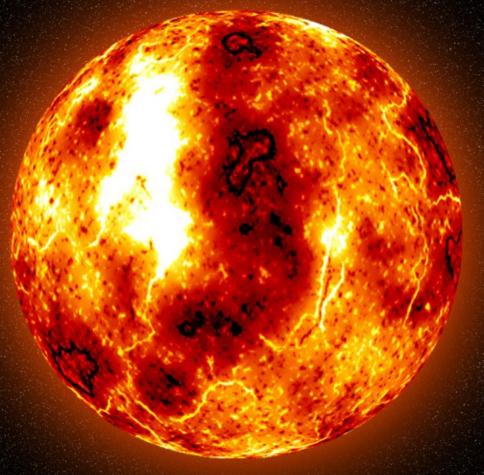


ROBERT M. HAZEN

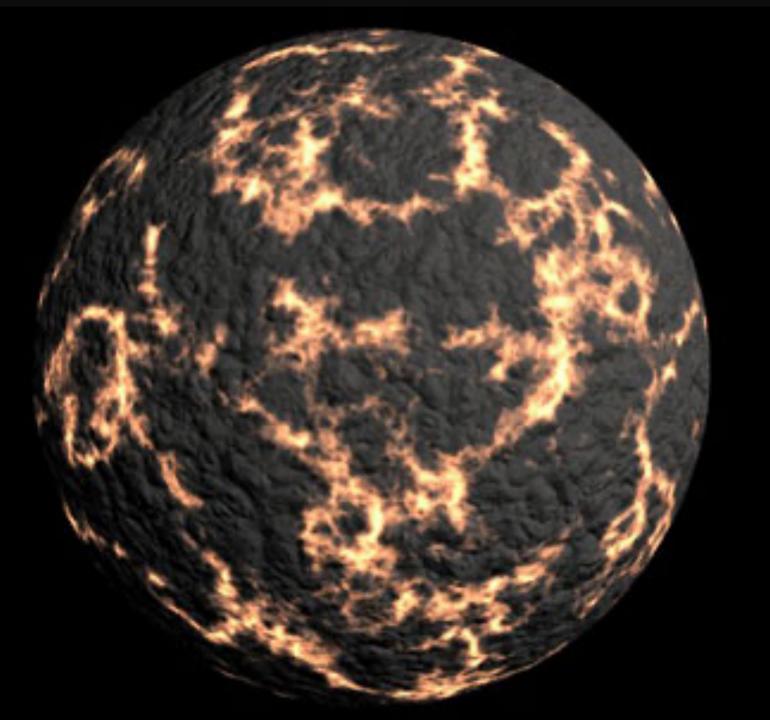




Red Earth



Black Earth



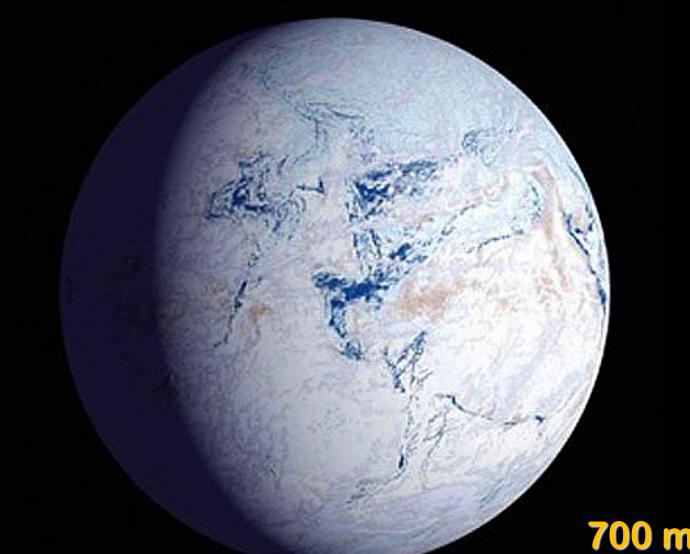
Blue Earth



Gray Earth



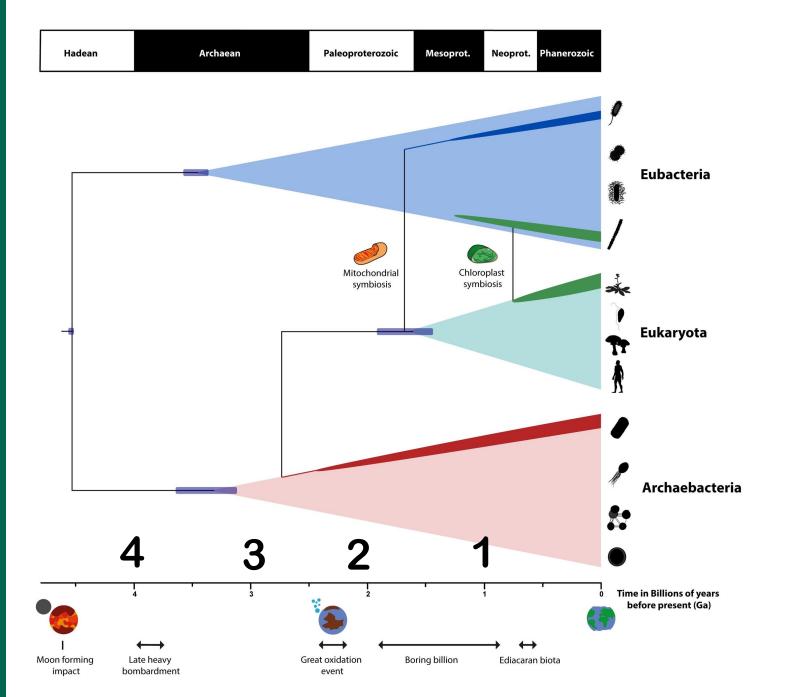
White Earth

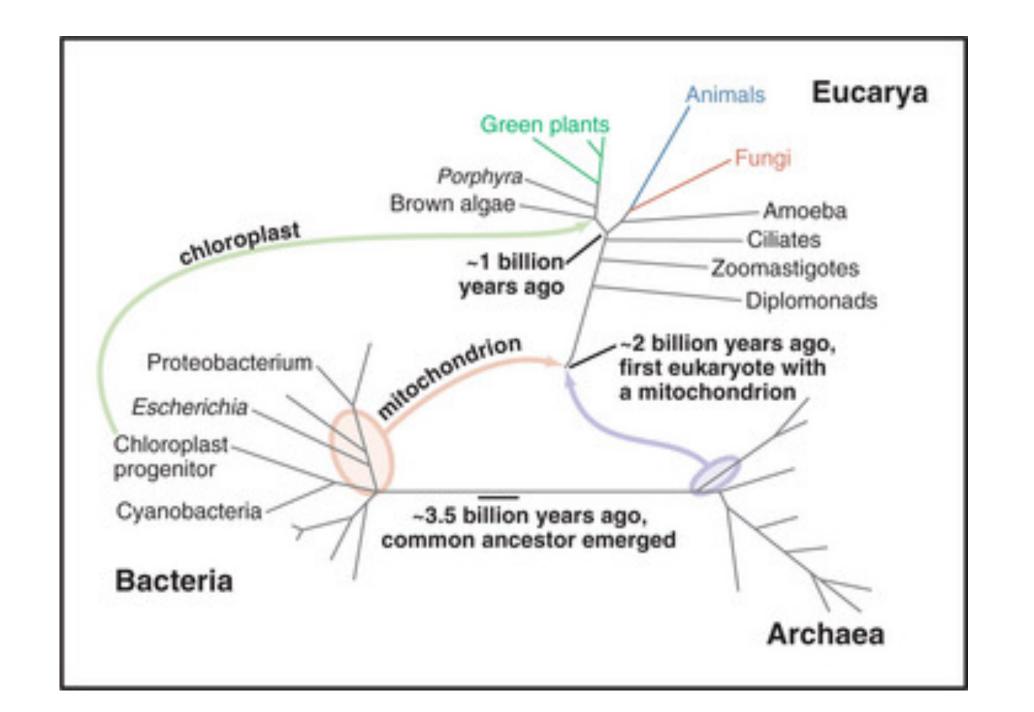


Green Earth



A story of 4000 million years





Next Up: Cosmic Origins & Destiny

- Formation of the Solar System
- The Lives of Stars
- Cosmic Carbonaceous Crud
- Galaxies are Dirt Factories
- ·Where are We Going?

Sagan
"Cosmos"
Animated
Life

