



SECULAR GENESIS

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Secular Genesis (SecGen) 1- 13

The Beginning.

(1) The beginning exploded.

Energy and Order.

(2) The beginning exploded sub-atomic quanta - nuclear, light, mass particles - and space void. There was universe, time and natural law order. Nuclear, light and matter quanta had enough energy and momentum to keep the genesis space cloud universe expanding. The first period.

Cosmos, Sun, Earth and Moon.

(3) Origin energy within the genesis space cloud precipitated nuclear fusion reactions among mass and energy quanta, forming chemical elements with bonding energy for plasma, solids, liquids and gases. The genesis space cloud gravitated into space objects. Combinations of clusters of galaxies of stars, with or without planets orbiting stars, and interstellar objects and clouds, gravitated.

(4) In orbit of a star, the sun, there gravitated a planetary system from the solar space cloud.

(5) The third planet, the earth, was orbited by its moon. There was day and night, tides and tectonics. Dry land with mountain ranges and valleys emerged and seas with shallows and depths gathered by uniformitarian geological process. A weather cycle developed. The second period.

Life.

(6) Energy surges concentrated complex pre-life molecules in life-source mineral pools or ocean points. (7) Evolution energy surge into a complex molecule pool energised pre-life complex molecules - enough for membrane, reproduction, cell medium, chemical energy, and the sustaining solar energy molecules - to randomly form first single cell DNA life with chemical stability and capacity to reproduce for life continuity. The third period.

Life, Flora Species - Vegetation.

(8) First single cell life - by DNA reproduction, mutation and natural selection interaction with its environment over billions of years - evolved complex speciation-chain plant and tree flora species.

(9) Flora species evolved each with its own specialised reproduction according to its DNA and marine or land locus, simultaneously changing earth atmosphere and sea oxygen into oxygen balance environment fit for life which has either sea or land breathing, or both.

The fourth period (Part 1)

Life, Fauna Species – Animals.

(10) First single cell life - by DNA reproduction, mutation and natural selection interaction with its environment over billions of years – also evolved complex speciation-chain bird, sea and land animal species.

(11) Fauna species evolved, each with its own specialised reproduction according to its DNA, and which simultaneously evolved according to the changing sea and land and air environments as the ocean oxygen balance and atmosphere oxygen balance became fit for life which has sea or land breathing, or both.

The fourth period (Part 2)

Humankind

(12) Within ape speciation and from one early ape species, by DNA reproduction, mutation and natural selection interaction with environment over millions of years evolved the distinctive hominoid species.

(13) With increasingly unique advanced capacities evolved by evolutionary ascension through the hominoid speciation chain of both passively and competitively extincted 'missing link' hominids, homo sapiens humankind became the single remaining hominoid species – with increasing capacity to become the executive agent of the future human, flora and fauna evolution.

The fifth period.

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