THE EVOLUTION OF LIFE ON EARTH

550 500 450 400 360 340 310

LIFE DAWN | TRANSITION | PROTEROZOIC | PALEOZOIC | Cambrian | Ordovician

550,000,000 years ago the Life Carriers planted the original life patterns on Urantia in three inland seas. (667)

500,000,000 years ago primitive marine vegetable life was well established. (668)

450,000,000 years ago the transition from vegetable to animal life occurred, yielding many borderland organisms. (731)

animallike borderland organisms

foraminifers

PROTISTA

primitive protozoa

PROTOZOA

primitive marine animals

ameba and protozoan cousins

slime molds

corallike plant

spongelike transition forms

ancestral plants

All of the vast kingdom of plant life has evolved from ancestors from which the bacteria have also descended. (732)

The early single-celled animal types associated themselves in communities, first on the plan of the Volvox and presently along the lines of the Hydra and jellyfish. (732)

ECHINODERMA
stone lilies
starfish
sea cucumbers

primitive worms

PLATYHELMINTHES

NEMATHELMINTHES

BRACHIOPODA

3000 varieties of brachiopods

MOLLUSCA

shell animals

cephalapods
pearly nautilus
octopus
cuttlefish
squid

gastropods
drills
periwinkles
snails

bivalves
mussels
clams
oysters
scallops

400,000,000 years ago, suddenly, the first multicellular animals make their appearance. The trilobites have evolved… (673)

ARTHROPODA

shrimps
crabs
lobster

trilobites
and
other crustaceans

trilobites reign

ANNELIDA

sea worms

burrowing worms

ancestral corals

hydra

COELENTERATA

jellyfish

corals

PORIFERA

simple sponge

mature sponge

blue-green algae

bacteria

THALLOPHYTA

fungi

volvox

prolific sea vegetation, seaweeds

primitive land vegetation

BRYOPHYTA

lime-secreting *[green]* algae

migrating land vegetation

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