

SEVEN STAGES in LIFE of a PLANET



NEBULA
(99% H + He)

① CONDENSATION
(chondrites)



② PLANETESIMAL FM. & INTERACTION
(T-Tauri stage)



③ ACCRETION & DIFFERENTIATION
(core/mantle)



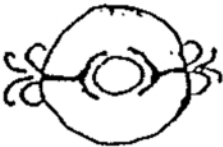
④ VIGOROUS CONVECTION
(Internal heat production)



⑤ PLATE TECTONICS
(CRUST & LITHOSPHERE stabilized)



⑥ TERMINAL VOLCANISM



⑦ QUISCENCE



EARTH

Other Objects



chondrules

some asteroids

GIANTS (J, S, U, N)

EARTH

VENUS
MARS
MOON, MERCURY

(Kaula, W.)