

Dynamics in the Time & Trait in Biology - Convergence & Dextro-Laevic Transformations

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Quantitative traits could change in time & the locus of life on the set of qualities could change with dynamics time with well known patterns rich in details. Classical descent with modification evolving to the the full evolutionary principles produce adaptive radiation contrasted by convergence & accoppanied by parallel evolution, the basic patterns of processes that derive their combinations & integrations with levels & scales.

The basic units of processes can form nested trees by duplications & level elevations to create organism level & higher nested systems. Some instances of delegation of function could show demotion to a lower level nested homologic like of bat wings from bat “hands”, as compared to functionally convergent normal bird wings; this might indicate early stages of palm prominesce in mammals. The floral state is promoted from true flowers to the inflorescence in the marigolds, sunflower etc. These level changes could keep the total structure homologous with lower or higher level structure converging to the prior in similar evolutionary solution in structure & function.

The behaviors, hands of mammals, wings- of dinosaurs, birds, mammals, insects etc., fins, lower limbs of birds, beaks, nose, toungue, tails, horns & heads also intersect in their use as tools or agents for performing functions, with similar behavioral programs despite distant homology. Functional Homology to achieve final fitness function, which is unique for the Tree of Life, could be instantiated by animal motility, vine shape-growth motility. Milk in the mammals could aliken the plant endosperm & all the maternal nutritioning in almost all taxa across the spectrum of the Tree of Life.

The color unites quantitative light frequencies changing to shade through to next qualitative color. Color trait could change in evolution, development, growth & life history normally or in particular situations. Thus, dynamics could have integration of various classes of entities & phenomena e.g. the partitions & spectra of qualitative-quantitative, the physico-chemical, the mathematical-statistical-computational/informatic, philosophical-spiritual-religious et cetera.

Activity & quiscence have their own homologic families, intermediates & hybrids. Life processes all might share a few fixed or lasting original exclusive homologiacs. This

identity in different measures could influence their pure prior “potential or concentration” to create Donnan Equilibrium-like Iso-homology that would alter their effective sizes. For example the gene frequencies; population densities; quorum sensing, chemotactic or floral fields etc. Sexual polymorphisms could differ in one of their defining primordial homologiacs.

All the dynamics aim to attain the final apotropic function(Aesthesis 5) resulting in the Aesthesis.

Convergence at Scales



Photo 7, 12 Ants lining up to water source like higher animals

Dextro-Laevic Transformation of Phenotypes



Photo 7, 13 Plant Stems Turning Vine-ish

Putative Divergent Homologiacs



Photo 7, 1 *Passiflora* sp. flower



Photo 7, 2 *Epiphyllum oxypetalum* phyllescence



Photo 7, 3 Mango meristematic phyllescence



Photo 7, 4 Bivalent Meristematic Phyllescence of Karvanda Vine



Photo 7, 6 Marigold Inflorescent Super Flower



Photo 7, 7 Money Plant Vine Riser



Photo 7, 8 Marigold Meristemic Phyllescence



Photo 7, 9 *Passiflora* meristemic riser



Photo 7, 10 Chili meristemic riser



Photo 7, 11 *Epiphyllum oxypetalum* whole organismic phyllescence

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