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The Wind Co- & Pro-Aesthesis of the Plantae

Hrushikesh Sunil Gore[1,2,] ,
1 Shri Institute, shriinstitute.org, shri@shriinstitute.org
2 Undergraduate, School of Sciences, Indira Gandhi National Open University, New Delhi, India;

Wind is a way for pollen dispersal for many plants making wind profile of a niche locus originating by virtue of the biotic-to-abiotic environmental influences, an important factor in niche & trait choice of the involved plants. Plants co-adapt, -evolve & -aesthese with the wind profile of a niche with their pollination traits, seed & fruit dispersal traits & distant non-pneumatic traits influenced by the wind.

The complexity of the niche biotic-to-abiotic components & their organization leads to intricate statistical & macroscopic wind profiles due to their such influence. The bio-statistical units being organismic & intra-organismic (e.g. flowers, fruits) components, they both influence & get influenced by the wind. The locus & nature of the statistical units is more biological & dynamic to some degree, fixing & complicating their statistical pneumecology deviating it from the gas statistical thermodynamics interacting with it at this bio-chemical interface. Uncertainty & contingency of biological & such bio-chemical origin, would alter the statistical behavior & biological trait optima.

The origin-al & emergent pneumecology would also differ from the chemical thermodynamics by virtue of the relevant biology & bio-chemistry.

The plants might be sensing the wind patterns by means of pressure sensors on their terrestrial parts likely more efficient at more surface areas. This sense of wind profile might influence phenotype via modern synthetic &/or extended evolutionary synthetic phenogens & get evolutionarily fixed at the fitness equilibria. The orientation of flowers & floral elements, fruits, leaves, vine stems are the immediate pneumecological traits of the plants which would likely show Wind Pro-Aesthesis- the aesthesis for the wind. A multitude of traits would get influenced by the wind profile & wind pro-Aesthesis, other than the proper wind phenotypes of plants, given the high interlinking of the system. This would include more wind influenced traits in the Wind Co-Aesthesis, in addition to the wind pro-aesthesis of the plants.

Supporting Materials:

Video 9.1 Plant Pneumecological Sample at 28x (video section a) & 56x (section b) respectively.