

Explorations & Recreations in the Sciences (ERIS), 28th June 2023

The Aesthetic Bright Hole Revealed for & by *Epiphyllum* oxypetalum

Hrushikesh Sunil Gore^{1,2} ⊠

1 Undergraduate, School of Sciences, Indira Gandhi National Open University, New Delhi, India

2 Shri Institute (informal), <u>hrusugore@hrushikeshsunilgore.website</u>; <u>hrushikeshsunilgore@outlook.com</u>;

Time in Year	Floral Occurrence	Weather & Habitat
Мау	1+: 1 reached maturity but bloomed slightly, others likely died immediately	Pre-seasonal rainy, cool; Original Habitat
June	4+: 2 growing to maturity, 1 died at initial stage, one in infancy	Pre-delayed-monsoon-rainy, cool, delayed weak monsoon, little stormy; Improved Habitat

Table 6.1 Pre-seasonal Floral Occurrence in *Epiphyllum oxypetalum*

The regular blooming season of *Epiphyllum oxypetalum* being August-September, the plant is showing pre-seasonal floral occurrence in improved nutrition & pre-seasonal rainy & cool weather (table 6.1). This natural experiment at organismal life history time scale has revealed the plasticity in floral occurrence as a product of earlier somewhat favorable weather & nutrition stimulating sensory to reproductive systems of the plant. This indicates the imperfection in discerning proper breeding season &/or opportunistic reproductive plasticity, both contributing to the evolutionary potential of the species. Incomplete blooming of the flower in May indicates unsuccessful plasticity & thus, imperfect evolutionary potentiation by the imperfection &/or opportunism.



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The odd weather & nutrition has thus, a potential to purify & improve the phenotypes by testing them on unexplored phenogens-phenotypes map regions. Copiotrophic Rarity can induce exquisite imparsimonious evolvability & adaptability by means of providing favoring rare fitness landscapes at organismal, ecological & evolutionary scale, possibly such genetically assimilable plasticity rendered phenotypes & new organismal, ecological & environmental phenomena increasing the breadth of the active fitness landscapes & fixation them or their influence leading to unexpected bifurcations, trajectories & equilibria. This highlights the global influence of locality.

Moreover, the species in this study doesn't employ floral reproduction for propagation & might thus imply the aesthetic forces at action than the pure natural selective for regular & especially, opportunistic floral occurrence, less likely a vestige of prior floral reproduction. The rare copiotrophic exquisity & aesthesis shall vertically & horizontally beget the same & absorb the system to the Bright Hole, the lesser global maximum at the lesser ultimate infinity. The original endowment & evolutionary imperfection of the *Epiphyllum oxypetalum* as revealed above, shall limit the fitness maximum & minimal dynamics to the certain ultimate Bright Hole.