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There would not have been evolution if life was simple and easy going. An organism, content with its environment, will remain as it is, because there is no need for a change. Only if the going is tough, the organism is compelled to find ways to overcome the factors which affect it adversely.

I need to think as to what makes the plants recognize an adverse factor and react to the same. The responses of the plant are just the same as you and I do when we face these obstacles. These responses are based on the same trends and policies seen in human populations. Many a times a new discovery which the plant undertakes, makes us spell-bound and keeps us wonder how intelligent the plants are. It compels us to doubt whether plants have brains or intelligence. The various methods by which plants utilize the animals around them to achieve their goals are absolutely marvellous in concept and execution. Using insects for pollination (thousands of types of plants use thousands of different insects for pollination), effecting dispersal of seeds using animals, wind and water; fighting the herbivorous animals including insects; warding off the neighbouring interfering plants from the vicinity; why even manipulating man to grow, protect and exploit the weak plants like rice and wheat (we call it *Agriculture* where plant gives us food but they make us toil and moid day and night, compel us to sow the seeds, water the seedlings, remove the weeds, put pesticides, protect the fruits from animals, store to preserve them and plant them again in the next season) and even to hybridize and make a new organism altogether, are some of the examples wherein plants use other organisms for their benefit. One may be wonderstruck on this great intelligence exhibited by plants. There are orchids, the labellum of which are having the exact colour, shape and appearance of the abdomen of an insect so much so that the insects mistake them for another insect and virtually copulate with this part of the flower. What or who told that orchid to pattern the flower in the exact pattern (even the very same smell!) of the insects? Is it done by a Master Planner (shall we call him God!) or is it due to the innate intelligence of the plant?