

Nervous System of Plants

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Abstract: I have proved in a very ingenious and easy way that plants have nervous system.

The leaves of sansevieria direct towards light in a mass hindering the access to light. The new laves, however, incline in the direction turned through an angle of about 180° compared with the older leaves – in order to avoid inspissation, although they would have the light at an angle 60° - 90° in the relation to the older bunch of leaves.

So a certain transfer of information exists in the plant, a certain structure, an analog of the nervous system of animals, because this way the new leaves avoid inspissations characteristic of the older ones.

So there is a certain flow of experiences in the plant.

Comment 1. This structure has not probably a biochemical character – in opposite situation it would have been discovered long ago.

Comment 2. I do not mean the system of vascular bundles as the nervous system of plants.



A part of a branch of one Sansevieria declines at an angle of 120° from the main framework of the leaves of the plant. That shakes the opinion that there is not any system coordinating another than the direction to light and gravitation.

Not all the leaves of Sansevieria crush the light in the crowd with other leaves. A part of them deflect backwards. These leaves know that they will have less light provisionally but then they will occupy a more profitable position and they will have more light.

So the consciousness of plants exists and every plant has a certain of brain and nervous system coordinating its behavior.

Tradescantia, so as Sansevieria, deflects its leaves backwards. Although they will obtain less light transitorily, then they will have more light.

So the reproach has been eliminated that this effect is observed only in the case of Sansevieria.



The plants easily regenerating have the greatest nervous efficiency (Aloe, Sansevieria, Tradescantia, Hedera helix) what should not surprise.

Aloe presents the best strategy on the way to light in the case of different shoots. Sometimes it is the maximal bend to the light.

In another situation it can be a bend backwards. Temporarily there is less light, but then – far more.

Yet another possibility is the fast growth of an Aloe shoot up this way that the distances between joints are possibly biggest.



It is the next proof of the existence of the nervous system of plants.