

Plant Thinking

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ABSTRACT

On the basis of mutual analogy of different living systems, the essence and meaning of plant thinking is sought. Learning about system management is based on modelling the US economy as a living object using time series of stock values. This is a relatively objective basis for most of the claims made below. And the principle of reasoning "by analogy".

Thinking is found as a conscious, gradually repetitive process of rebuilding the relations of the units of production with the ultimate goal of eliminating the dissatisfaction of the elements. However, in plants, in a completely different time horizon than, for example, in animals.

First of all, it is a reconstruction of the relationships of special cells, whose task is primarily to solve the regeneration of the elements of the system – water molecules

Keywords

Analogy, Water molecules, Conscious, Xylem.

Elements

At the beginning of the formation of every living system there is an unorganized group of living elements (ETs). In the case of plants and animals, these are water molecules. Their vital needs are better provided for by gradually joining the increasingly complex newly emerging production units (PJs) – cells.

PJ is divided into two groups in all living systems. The first group is called the nucleus. These are PJs whose activity is associated with ensuring the input, processing and distribution of food typical for the ET. The shell is then the second group of PJs providing suitable conditions for the activity of the core.

Elements are involved in PJ for some time until they need regeneration. And this creates the need for SJ – a unit of exchange. On the one hand, ET takes it from the PJ and on the other hand, he uses it for his regeneration outside the production units. It is up to each ET how to use these SJs, how to divide them to acquire outputs from the core or shell. The AUs thus return to the PJ

system and their division is then subject to further management of the system.

Xylem

The regeneration of ET takes place in plants in the xylem. ETs return to it from their involvement in PJ. In different parts of the xylem, according to the related tissue types, they draw regenerative needs. In this way, as a counterpart for the needs taken, the SJs that ET received for its involvement are returned to the PJ. By the way, some authors call the region of regenerating and non-regenerating ETs dark matter (DM).

The management of the entire live system is associated with two main indicators. ET satisfaction and balance of activity between the shell and the core. The xylem is then the place where the fundamental regulation based on these indicators takes place. It is the place where the consciousness of the plant is triggered and then its thinking.

After the severity of the dissatisfaction has been assessed, the system must decide which part of the system to activate. Whether it is a problem that can be solved in the area of the shell or the

core. Other information is taken into account here, especially from the outputs of these areas. Whether there is a shortage of food or packaging outputs from the ET. By food, however, we mean the entrances to the ET, i.e. water.

Eventually, the growth tops (VR) are activated in the root area or vice versa in the leaf area. However, not across the board, but only those that find suitable conditions for their involvement within the generally coming activation from the xylem.

The evaluation of dissatisfaction in the xylem ends only when the system decides on two areas of solution. Whether it is necessary to activate VR in the root part of the xylem, i.e. the area of VR influencing the activity of PJ associated with food production for ET, i.e. the nucleus region. Or the leaf part, i.e. VR associated with the creation of the ET cover. Once this decision has been made, it is up to the VR to decide whether their experience and possibilities are appropriate for the situation and whether the corresponding production chains need to be intervened in.

It is absolutely essential to perform the branching correctly, i.e. to decide which part to activate. Is it a similar situation to animals – activate the sympathetic or parasympathetic nervous system? However, it is necessary to choose, because the system is in trouble – ETs are dissatisfied and an activating event has arisen.

Rising Peaks

VR are implementers of reconstruction, projection of dissatisfaction identified in the xylem into a change in PJ production resulting in xylem.

Every VR is characterized by something, somehow affects its surroundings. Above all, by creating new cells, their specialization and orientation. And it is within the reach of the VR that the area from which ETs draw specific inputs for their regenerative needs. They are borderline PJs, which have the character of e.g. nerve cells, and which mediate both the output of a given production to ET and the opposite movement of SJ to PJ.

VR is activated not only by the xylem event, but also by other systemic influences. Just as the dissatisfaction of the ET must cross a certain threshold for the emergence of consciousness, the aggregate activation at the VR entrances must be large enough for the VR to be activated. This is also the VR selection mechanism.

Consciousness

The influence of ET dissatisfaction is not constant, under all conditions and at all intensities. Only the monitoring of the development of dissatisfaction in the xylem is constant. Only when

the evaluated level of dissatisfaction exceeds a certain threshold, an event arises that triggers further activities. This event may be called the emergence of a "unit" of consciousness. Only during this period do VRs activate and adjust production chains through their activity. This unit activity of production changes following the unit of consciousness is the unit of thought.

In the meantime, when dissatisfaction does not create any strong enough event, production runs at a standard level – in the subconscious.

Balance of Shell and Core Activities

The xylem regulatory system, whose task is to deal with ET dissatisfaction, seems to have the principle of balance of shell and core activities as essential. However, its task is not to address this situation, only to manage the activities of the VR so that the deviation is minimal. This occurs primarily as a result of spontaneous activity of ET during regeneration. Their exchange of regeneration needs for SJ is governed by the amount of these SJ for each ET. The expenditure of its SJ on a part of the food is relatively constant and corresponds to the internal structure of the ET.

In contrast, the use of SJ to purchase packaging supplies is largely variable. After fulfilling the basic function of food packaging, there is a free field for the purchase of unnecessary necessities. And it is the task of management, in both xylem and phloem, to minimize this unnecessary use. In the economy, this regulation is close to controlling inflation. And in other areas, for example, physicochemical formation of the charge of the molecule [1,2].

Conclusion

The tissues surrounding the xylem are mostly PJs, which make inputs for PJs, i.e. other cells. They are not the discussed PJs forming the core or shell for ET. These are probably mainly cells that appear to be parts of the nervous system. On the one hand, their activity mediates the input of information about the dissatisfaction of ETs, and on the other hand, on this basis, they create the appropriate outputs for ETs, i.e. water.

The nerve cells inside the conductive tissues are thus a bridge between the plant as a whole and its building blocks. Perhaps this could be used to better understand this completely inaccessible world of ETs.

References

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