Mini Review

BIOMEDICAL Journal of Scientific & Technical Research

ISSN: 2574 -1241

DOI: 10.26717/BJSTR.2026.64.010072

Roots and Stars: On the Curse of Animality in Scientists and the Tacit Genius of Plants

Liu Zhaoyang*

Yang Yang International Plaza, Block A, ShaanXi province, Xi'an city, China

***Corresponding author:** Liu Zhaoyang, Yang Yang International Plaza, Block A, ShaanXi province, Xi'an city, China

ARTICLE INFO

Received: January 23, 2026

Published: February 03, 2026

Citation: Liu Zhaoyang. Roots and Stars: On the Curse of Animality in Scientists and the Tacit Genius of Plants. Biomed J Sci & Tech Res 64(4)-2026. BJSTR. MS.ID.010072.

ABSTRACT

This paper challenges the prevailing modern dogma that "human scientists are the sole legitimate interpreters of scientific truth." By introducing the concept of The Lore—a non-dual narrative dimension situated between the divine and the demonic—I re-examine the biological underpinnings of scientific capacity. I argue that scientists, as animals governed by the imperative to eat, bear a survival-based anxiety that introduces irreducible noise into rational thought. Moreover, constrained by a three-dimensional embodiment, humans are fundamentally incapable of directly accessing the structural logic of higher-dimensional universes. In contrast, plants manifest a form of "scientific genius" that transcends spatial limitations, yet they lack Agency—the vital force necessary to actively "unseal" the mysteries of science. I conclude that the history of science is not merely a chronicle of human progress, but a confessional record of the animal's ever-unfolding limitations. Only by heeding the silent Lore of plants can science undergo a genuine paradigmatic transformation.

Keywords: Scientist; Animality; Spatial Capacity; Plant Intelligence; Lore; Vital Force

Introduction – The Forgotten Covenant

Within the conventional philosophy of science, the scientist is cast as a rational saint, whose vocation is to excise subjectivity in order to approach objective truth. This portrayal, however, constitutes an anthropocentric delusion rooted in hubris. Upon closer scrutiny of the scientist's biological constitution, a paradox emerges: a class of mammals, bound by the imperatives of nourishment, excretion, and reproduction, claims mastery over universal laws that purportedly operate independently of human volition. Such a claim transgresses the law of identity in formal logic. This essay aims to dismantle that hubris. I introduce an ancient notion—The Lore—not as myth or fiction, nor as divine command or diabolic whisper, but as a pre-logical archetypal wisdom that pervades all existence. It is the syntax of nature, the source code of the cosmos. The capacity of a scientist to grasp science, I contend, does not depend on intelligence quotient, but on the ability to shed the curse of animality and attune oneself to this Lore [1-6].

The Curse of Animality – The Erosion of Rationality by the Eating Instinct

Scientists are, first and foremost, animals. The defining trait of animality is ingestion. This ostensibly simple physiological function strikes a fatal blow to the purity of scientific inquiry.

The Enslavement of Energy

Although the human brain comprises only 2% of total body mass, it consumes approximately 20% of available energy. This metabolically expensive organ compels scientists to pursue high-energy inputs—whether in the form of nutrients or symbolic capital such as academic prestige. Under these conditions, scientific research is transformed from a disinterested exploration into a sophisticated modality of foraging.

Analogy: In experimental settings, a white rat pressing a lever to obtain food pellets is behaviourally isomorphic to a scientist publishing articles to secure funding and professional rank. The former secures biological survival, the latter social survival, yet both are driven by a condition of scarcity.

Consequence: Governed by cyclical oscillations of hunger and satiety, the logical reasoning of scientists assumes a pulsatile, discontinuous character. A researcher suffering gastrointestinal distress is unlikely to derive a flawless equation, since neural resources are diverted toward homeostatic regulation rather than abstract topological computation.

The Entropy of Desire

Beyond sustenance, scientists are impelled by reproductive and social imperatives. These animality-derived desires engender a Matthew Effect in the scientific community—where accumulated advantage perpetuates further advantage. Disputes in science frequently devolve into contests of territorial dominance rather than exercises in truth discrimination. As the Lore admonishes: "He who makes his belly his god shall be blinded to the stars." Unless scientists transcend their animalistic cravings, their purported discoveries risk being mere projections of those very desires.

The Spatial Cage – Cognitive Limitations of Three-Dimensional Beings

If the eating instinct represents an internal toxin, the deficiency in spatial capacity constitutes an external prison.

The Folding of Dimensions

Human beings inhabit a three-dimensional spatial manifold (extended to four dimensions with time). Retinal input is inherently two-dimensional, and three-dimensionality is computationally inferred. This evolutionary compromise leaves us poorly adapted to apprehending higher-dimensional realities.

Mathematical Illusion: The calculus and geometry employed in science are, in effect, attempts to approximate curves and surfaces using linear instruments. In the face of phenomena such as quantum entanglement or the distribution of dark matter, these three-dimensional tools prove inadequate.

Obsession with Positionality: The deployment of GPS and coordinate systems to index every point in the universe reflects a quintessentially animalistic practice: territorial marking. Yet the universe, in its essence, is non-local. While Einstein's relativity resolved certain mathematical contradictions, his conceptual framework remained tethered to the inertial frames of quotidian human experience.

The Cost of Locomotion

Locomotion in humans is achieved through muscular contraction, instilling a predisposition to interpret phenomena in terms of causality—"A causes B because A was moved." At the microphysical level, however, causal relations dissolve. Constrained by an inability to remain immobile like photons or to exceed the speed of light, scientists are compelled to model particle states via probability distributions. This is not an intrinsic property of particles, but a symptom of the scientist's spatial incapacity.

The Genius of Plants – Silent Decoders of the Cosmos

In contrast to the cumbersome animal-scientist, plants exhibit a remarkable scientific aptitude. Lacking sensory organs such as eyes and ears, they nevertheless function as holistic perceivers.

Ubiquitous Observation

Anchored in the earth, plant roots penetrate the lithosphere while foliage interfaces with the atmosphere. Immobile, they detect variations in gravity, magnetic fields, humidity, light spectra, and chemical signals.

Global Vision: An oak tree responding to distant lightning or insect infestation does not act in isolation, but triggers a forest-wide alert system. This trans-individual information processing points to a form of distributed computation that far exceeds the reductive methods of human science.

Multidimensional Perception: Plants sense wavelengths—infrared and ultraviolet—imperceptible to humans. In a hypothetical plant-eye view, the electromagnetic spectrum would be vastly richer, suggesting an innate comprehension of wave–particle duality long before human physics arrived at the same conclusion.

Nonlinear Temporality

Plants do not race against time; they synchronize with tidal cycles, seasonal rhythms, and circadian patterns. Their growth obeys the Fibonacci sequence—a mathematical expression of the golden ratio, often deemed the most aesthetically perfect proportion. This demonstrates that scientific beauty is not a human construct, but an ontological feature of nature, which human science merely imitates.

The Intervention of the Lore – Why Plants Cannot "Open" Science

Given their evident intelligence, why has the history of science been authored by humans? The crux lies in the absence of Vital Force.

Passive Wisdom

Plants possess innate aptitude but lack the agency required to initiate scientific inquiry. To "open" science entails the capacity for intervention, experimentation, and tool fabrication.

Philosopher Without Hands: Plants excel as perceivers but remain wholly receptive. They cannot lift stones to test gravitational attraction, nor grind lenses to scrutinize cellular structures. Their wisdom is introspective and environmentally adaptive—they comprehend the cosmic script but cannot revise its lines.

Vacuum of Agency: Scientific validation often necessitates the destruction of prior frameworks (as exemplified by the Michelson–Morley experiment disproving the ether hypothesis). Plants, favoring symbiotic coexistence over antagonistic rupture, lack this destructive vital force.

Summoning of the Lore

At this juncture, The Loreintervenes—not as divine injunction nor infernal seduction, but as a transformative medium.

- Myth recounts that ancient civilizations endeavored to commune with plants, aspiring to appropriate their multidimensional perspectives. Yet such attempts remained unidirectional—humans consumed plants to acquire wisdom (as in entheogenic rituals), rather than genuinely comprehending them.
- Plant aptitude embodies Dao(Way); the scientist wields Qi(Instrument). The contemporary predicament arises when crude instrumental capacities are deployed to dissect refined botanical wisdom, inevitably resulting in epistemic waste.

Conclusion – Toward Rhizomatic Science

To summarize, scientists, qua animals, sacrifice rational purity to metabolic necessity and misrepresent cosmic dimensionality through spatial confinement. Plants, endowed with near-miraculous scientific faculties, remain immobilized by their absence of agency. Future science ought to abandon "animal science"—characterized by noise, bias, and avarice—and embrace "rhizomatic science":

1. **Humility:** Recognize humanity's perceptual deficiencies in dimensionality.
2. **Symbiosis:** Cease conquest of nature; emulate plants by interweaving intellectual roots with diverse knowledge systems.
3. **Listening:** Lay down instruments and attend to the trajectories of wind—the language of plants.

Only when scientists divest themselves of anthropocentric elevation and assume the posture of humble botanical apprentices will the dormant Lore beneath the earth reawaken, disclosing the ultimate truths of the universe.

Conflict of Interest

None.

Acknowledgment

During the preparation of this manuscript, I utilized Tencent Hunyuan's large language model "Yuanbao" and the free version of GPT-5 to optimize the text, including grammar correction, sentence structure adjustment, and terminology standardization.

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ISSN: 2574-1241

DOI: 10.26717/BJSTR.2026.64.010072

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