

New Perspectives on Cosmic and Earthly Phenomena:

An Overview of Louis-Claude Vincent and Jeanne Rousseau's Groundbreaking Research and Cosmic Model

Ulrich Schreier

Independent Researcher

ORCID: [0009-0004-6389-1282](https://orcid.org/0009-0004-6389-1282)

Ulrich.Schreier@vernoux.org

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Abstract

This paper revisits the pioneering work of French scientists Louis-Claude Vincent and Jeanne Rousseau, who developed an electromagnetic model of the universe that provides transformative insights into cosmic and terrestrial phenomena. Their interdisciplinary research spans astronomy, astrophysics, cosmology, climate and life sciences, and seismology, offering a comprehensive framework for understanding the intricate interplay between cosmic forces and Earth's systems..

Central to their model is the Bio-Electronics (BEV) framework, which employs three electromagnetic parameters— μH {magnetic factor}, rH_2 {electronic factor related to E_n }, and electrical resistivity (ρ)—to analyze aqueous systems and living environments. By accounting for the functioning and sensitivity of living organisms to environmental and cosmic influences, BEV adds a critical dimension to analytical methodologies. This approach has practical applications across environmental and life sciences, agriculture, soil and water quality, health, and our understanding of the universe.

Vincent and Rousseau's findings challenge numerous prevailing scientific theories, offering clear answers to longstanding questions while highlighting the need for research that bridges cosmic phenomena with practical, life-centered impacts. This paper outlines the core principles of their model, evaluates supporting evidence, and explores its implications for modern science and daily life, presenting fresh perspectives on solar cycles, biological rhythms, and beyond.

Introduction

French scientists Louis-Claude Vincent (1906–1988) and Jeanne Rousseau (1910–2012) developed an Electromagnetic Model of the Universe that provides fresh insights into numerous unexplained or misunderstood phenomena. Their model challenges inconsistencies in conventional scientific theories while addressing issues with profound implications for daily life. By offering transformative potential across disciplines, their contributions span astronomy, astrophysics, cosmology, physics, climate science, seismology, volcanology, life sciences, ecology, hydrology, agriculture, health, and beyond. This interdisciplinary approach deepens our understanding of cosmic influences on Earth—a fascinating and often overlooked area in mainstream science.

A central focus of their research lies in interpreting correlations between cosmic cycles and terrestrial phenomena, such as weather patterns, seismic activity, volcanism, and biological rhythms. Their findings suggest a far more intri-

cate relationship between cosmic forces and Earth's systems than is currently acknowledged.

Vincent and Rousseau's work challenges the compartmentalization often found in contemporary science. By interconnecting disciplines such as geophysics, cosmology, bioelectronics, and biology, they propose an integrated framework for understanding natural phenomena—spanning the cyclic influences of the Sun and other cosmic forces to the processes that sustain life on Earth.

This paper introduces the foundational principles of their model, presents key supporting evidence, and explores its implications for modern scientific inquiry. Additional works providing further context and deeper analysis are also referenced to encourage broader investigation into their groundbreaking theories.

The Electromagnetic Model

Building on Vincent's bioelectronic concept (BEV)—originally developed in 1949 for studying

drinking water, food, and environmental systems—this model places emphasis on electromagnetic interactions (Coulombic and electromagnetic forces rather than gravitational) to explain connections between various celestial and terrestrial cycles. Key elements include:

- **The Milky Way Galaxy's Electromagnetic Nature:** Highlighting the galaxy's role in generating electromagnetic fields that influence solar and planetary systems.
- **Helical Solar Motion:** Proposing that the Sun moves around the galaxy in a [helical trajectory](#), forming ~22-year Hale spirals with alternating North/South magnetic polarities every ~11-year Schwabe half-cycle.
- **Earth's Seasonal and Diurnal Cycles:** Earth's orbit around the Sun and its daily rotation cause every geographic location to pass through the asymmetric electromagnetic field generated by the solar wind..
- **Precession of the Equinoxes:** The ~26,000-year cycle that gradually alters Earth's orientation relative to the celestial sphere.
- **Lunar Cycles:** The ~27.3-day sidereal cycle, the ~29.5-day lunation cycle, the crossing of the Moon through the ecliptic (nodes), and the rotation of the lunar orbit influence tides and other Earthly phenomena.
- **Planetary and Solar System Interactions:** Including electromagnetic interactions with planets, comets, and other solar system bodies.

These dynamic, rotating electric and magnetic fields interact with Earth's systems and processes, either amplifying or diminishing their effects depending on factors such as orientation, polarity, and intensity. This interconnected framework provides a novel perspective on how celestial forces influence terrestrial life and natural phenomena.

Observational Approach

Vincent and Rousseau focused on observable phenomena on Earth to infer cosmic interactions. They extensively drew from scientific literature and data on sunlight polarization, sunspots, geomagnetism, volcanic and seismic activity, tides, and other natural events.

Using *Nature and Life* as their primary sounding board, they relied on basic technical instruments such as microscopes and devices for measuring pH, redox potentials (Eh and rH₂), and electrical resistivity (ρ - rho). This pragmatic approach allowed them to bridge the gap between macrocosmic and microcosmic pheno-

mena, yielding profound insights without relying on advanced technological infrastructure.

Contributions and Implications

Focusing on the interconnected dynamics between the Cosmos, Earth, and daily life, the Vincent-Rousseau model, grounded in classical physics, provides logical explanations for many poorly understood phenomena. Prioritizing observation and measurement over theoretical speculation, their findings highlight the need for significant revisions to existing theories. By examining cosmic influences on *Nature and Life on Earth*, this model explores:

- **Electromagnetism's Role:** The central force driving cosmic, terrestrial, and biological processes.
- **Forces Behind Motion:** The mechanisms and forces powering the rotation and orbital movements of celestial bodies.
- **Function of Earth's Atmosphere:** Transforming invisible, high-energy solar radiation into visible light and heat, enabling life on Earth..
- **Polarization of Sunlight:** Investigating its origins and significance.
- **Atmospheric Anomalies:** Exploring the electromagnetic asymmetries linked to daily weather patterns, including pressure, humidity, rainfall, and temperature variations.
- **Oceanic and Ionospheric Tides:** Analyzing their irregularities and correlations, such as the observed 8-year cycle, unexplained by prevailing models.
- **Energy Fluxes:** Examining the origin and importance of the Perseid and Leonid axes.
- **Light Phenomena:** Understanding geomagnetic storms, auroras, parhelia, paraselenes, and multiple suns or moons.
- **Biological Rhythms:** Investigating their presence in all living organisms, including correlations with electromagnetic field cycles and reflections in Chinese medicine's 24-hour and yearly clocks.
- **Cosmic and Environmental Influences:** Studying their impact on plant, animal, and human metabolism and behavior.
- **Extreme Events:** Probing the causes of climate extremes, severe weather, and seismic events.
- **Sunspot Origins:** Exploring their nature and connections to cycles affecting natural and societal phenomena, such as geomagnetic

activity, tree growth, disease outbreaks, and economic fluctuations.

- **Empirical Challenges:** Addressing stubborn evidence that questions mainstream theories about the Sun, sunspots, tides, and the solar system (see examples on pages 4–7).

With today's advanced measurement, data collection, and processing technologies, Vincent and Rousseau's research offers a valuable foundation for testing, refining, and expanding interdisciplinary scientific discovery.

Bio-Electronics (BEV) Framework

The Vincent/Rousseau model aligns with Bio-Electronics (BEV), an analytical framework inspired by the electrical battery process. It uses three electromagnetic parameters—pH, rH_2 (E_h), and resistivity (ρ)—to evaluate aqueous systems, particularly living environments, and their responses to environmental and human influences. By extending our analytical toolkit to incorporate the functioning and sensitivity of living organisms—spanning from microorganisms to human consciousness—toward both environmental and cosmic forces, BEV has gained traction in agriculture, plant and animal health, soil and water quality, process control, and food safety. This integration goes beyond purely material and electromagnetic perspectives, enabling BEV to surpass classical measuring techniques and add a vital dimension to our analytical methods, deepening our understanding of the universe.

Legacy and Future Directions

The holistic vision and pioneering discoveries of Louis-Claude Vincent and Jeanne Rousseau, though undervalued in their time, remain pro-

foundly relevant today. By providing clear answers to longstanding questions and mysteries, their work challenges the established theories in solar physics, sunspot formation, tidal forces, and the Cosmos-Earth interface, urging a re-evaluation and refinement of these concepts.

Modern advancements in measurement and observational techniques, computational power, sophisticated modeling, and AI offer unprecedented opportunities to amplify the analytical and predictive power of their cosmic model. These advancements could unlock deeper insights into the intricate connections between nature, life, and the universe.

By inspiring interdisciplinary research and addressing widely acknowledged knowledge gaps, Vincent and Rousseau's contributions not only hold the potential to resolve critical scientific challenges but also lay the groundwork for important discoveries across a broad range of disciplines.

Translating and Editing the Research

Editing and translating this research requires a dedicated team of scholars and experts. Their commitment is crucial to accurately conveying Vincent and Rousseau's discoveries and making them accessible to a broader audience. This collaborative effort is essential for deepening our understanding of the Sun and the complex relationships between cosmic and terrestrial phenomena. It ensures that their findings continue to inspire future research and enhance our comprehension of the cosmos, nature, and life. ¹

Ulrich Schreier, 12/2024

Contact: Ulrich.Schreier@vernoux.org

[Access the Latest Update Here](#)

Supporting Documents

Husson, O. et al. [Soil and plant health in relation to dynamic sustainment of Eh and pH homeostasis: A review](#)

Rousseau, J. (2000). [Cosmic Resonances](#).

Rousseau, J. & Vincent L.-Cl. (1957,1991). - [Solar Radiation and its cycle](#).

Rousseau, J. & Vincent L.-Cl. (1957, 1991). - [The Two Suns Hypothesis](#).

Schreier, U. (2024). [Louis-Claude Vincent's Bio-Electronic Concept \(BEV\)](#)

Schreier, U. (2024). [Sunspot Correlations: A Discovery Ahead of Its Time is Awaiting Its Moment](#).

Schreier, U. (2024). [Biographies of Louis-Claude Vincent et Jeanne Rousseau](#).

Vincent, L.-Cl. (1976). [The Electromagnetic Foundation of the Universe](#).

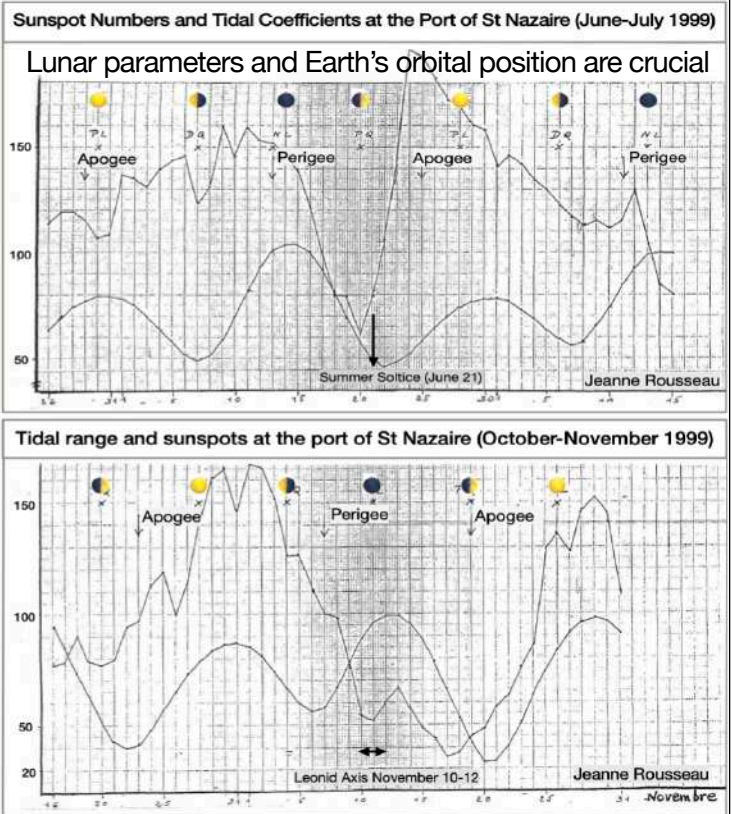
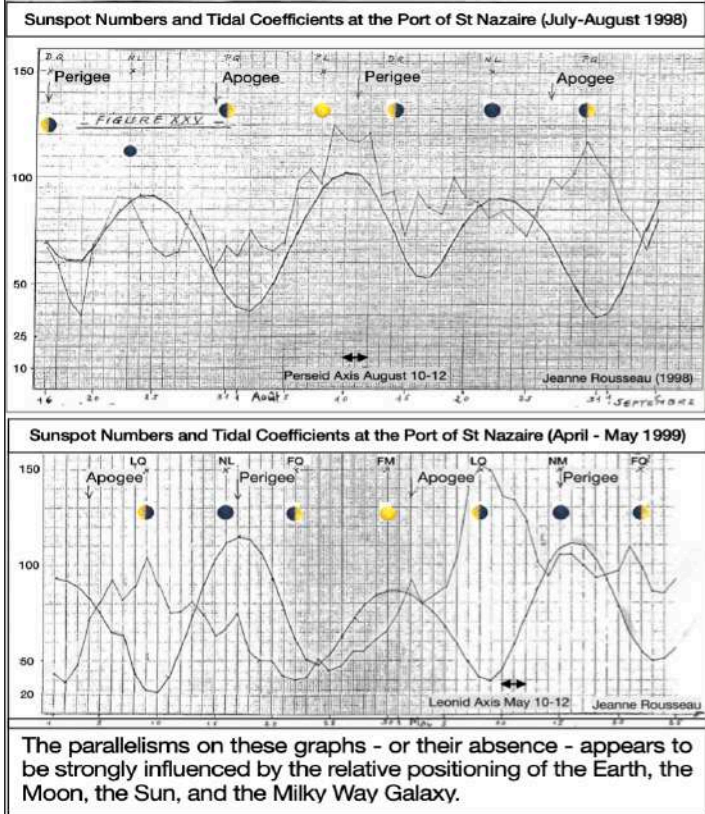
[Source documentation in French](#) ²

¹ To help accelerate this process and the dissemination of this unique treasure, passionate minds and helping hands are always welcome.

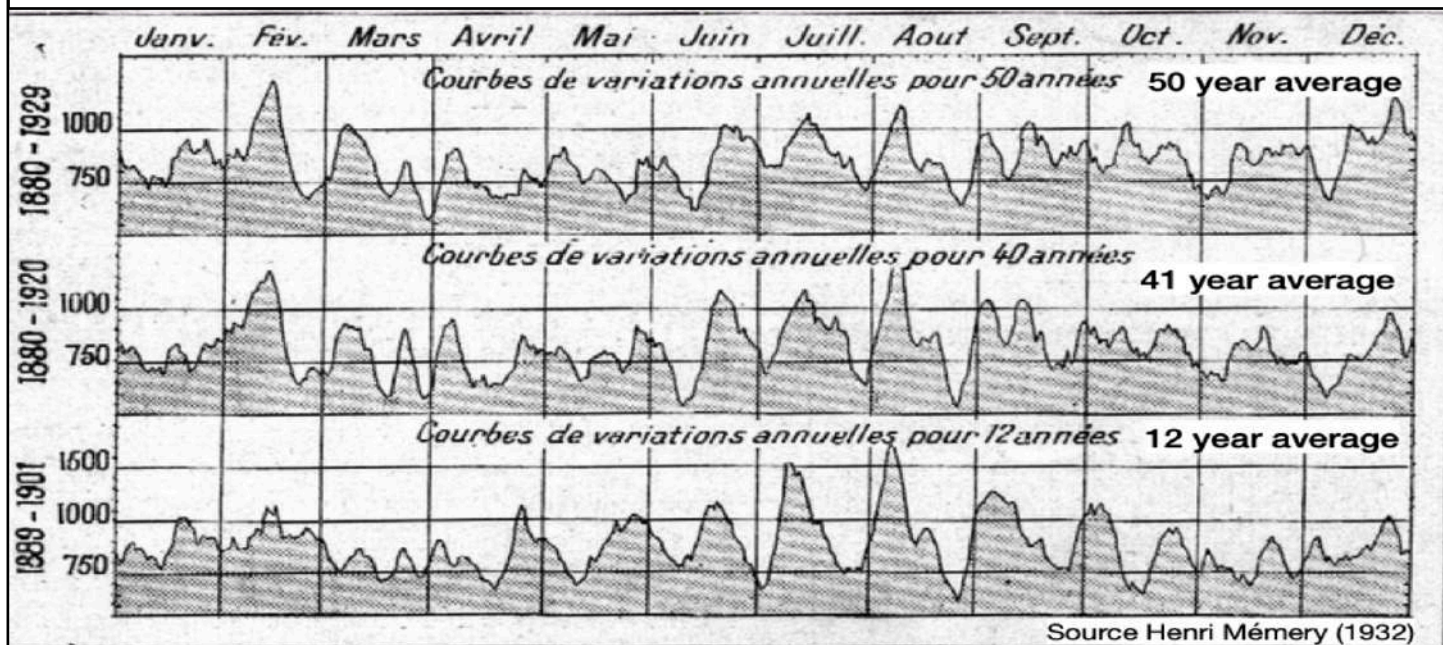
² To maintain authenticity, the original graphs and images from the French publication have been utilized.

Empirical Evidence Challenges Established Theories About the Sun, Sunspots, Moon, Tides, and the Solar System

With today's advanced databases and processing tools, generating and analyzing multi-parameter graphs across various time frames to uncover correlations has become streamlined and can be easily automated.



Averaged Daily Sunspot Counts correlate with Earth's position on its orbit around the Sun



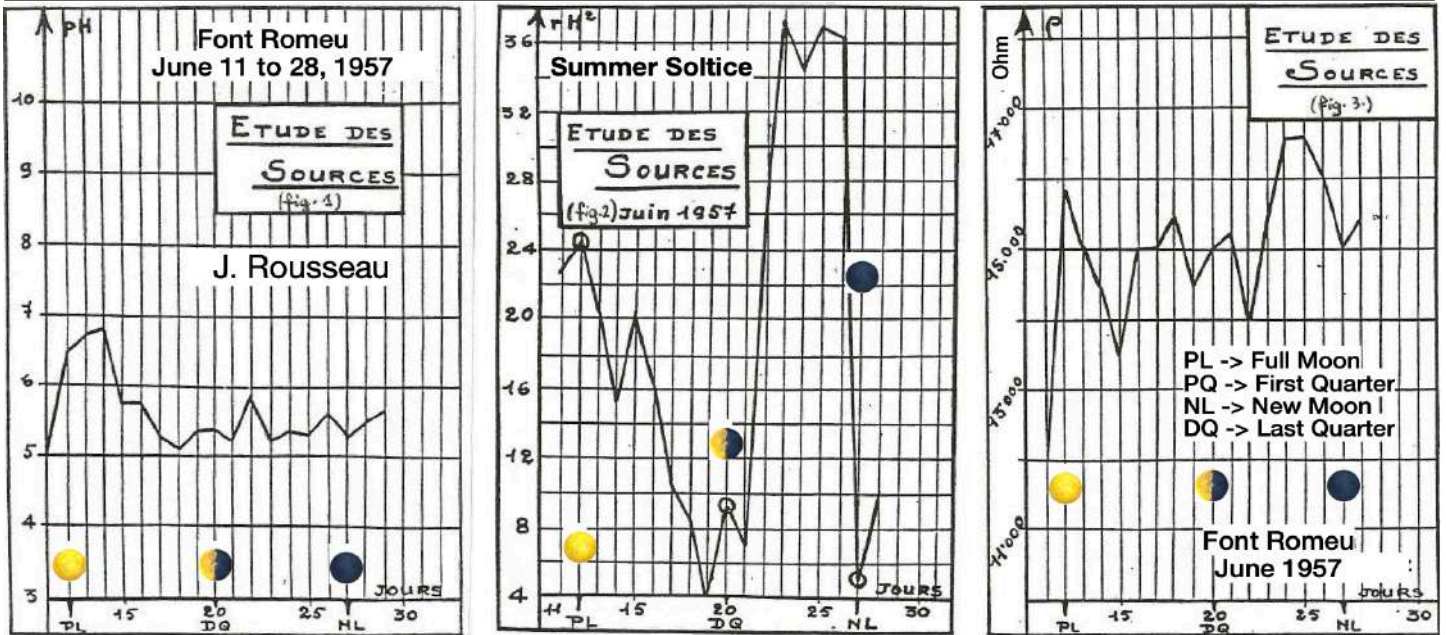
Conclusion: Similar to the four sunspot/tidal graphs above, these seasonal influences of averaged daily sunspot numbers over many years—beginning with the 12-year graph first published in the early 1900s—speak for themselves. They suggest that, in addition to their dominant solar and possibly cosmic origins, Earth's position in its orbit around the Sun plays a role in influencing the number of sunspots we observe from our earthly vantage point.

Given the prevailing belief that sunspots are exclusively a solar phenomenon located on a celestial body 149 million kilometers away and 1.3 million times larger than Earth, these graphs raise questions about the completeness of current theories.

Mémery's findings were dismissed by the *Société Astronomique de France* (SAF) on the grounds that the Sun does not adhere to our calendar and that it was impossible to explain why sunspots reappeared on the same dates each year. However, this very regularity deserves further investigation rather than outright dismissal, as it hints at unexplored mechanisms governing the Sun-Earth relationship and possibly the Galaxy-Sun-Earth interconnection as suggested by Vincent and Rousseau.

“No amount of experimentation can ever prove me right; a single experiment can prove me wrong.” – Einstein

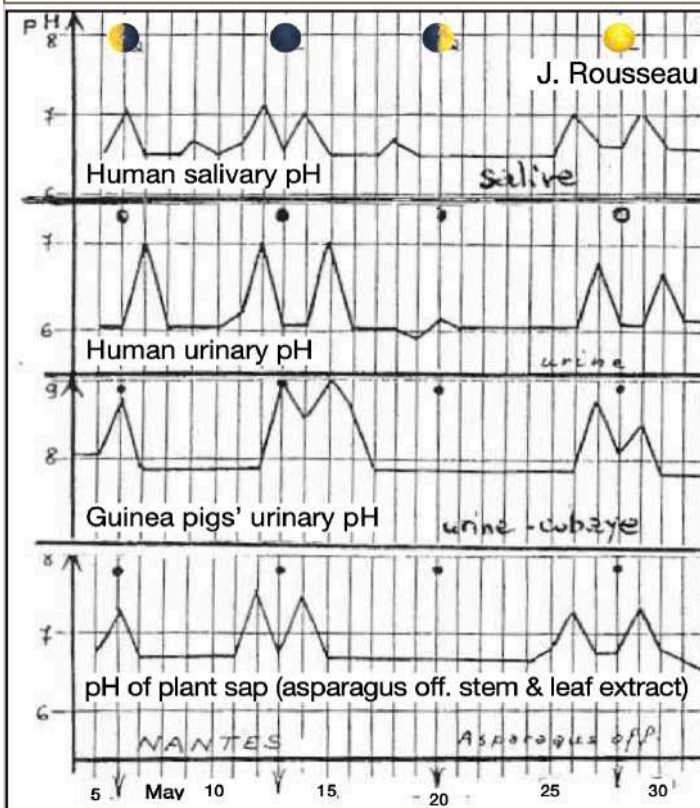
Cosmic Influences on pH, rH₂ (E_h), and Resistivity of Weakly Mineralized Spring Water



Water from the "Al Ginebre" spring at Font-Romeu, located at an altitude of 1850 m and situated on Cerdagne granite soil, has been sampled at the point of emergence from the rock every morning at 8 a.m. bioelectronic measurements were taken immediately after sampling.

This spring water, renowned for its high electrical resistivity due to its low mineral content, demonstrates remarkable sensitivity to ambient electromagnetic changes. Notably, its rH₂ levels undergo significant fluctuations during various lunar phases. Furthermore, a pronounced increase in both rH₂ and resistivity is observed around June 22–25, coinciding with the summer solstice. This pattern suggests that, in addition to the lunar influence, a substantial solstice-related influence also affects the water's properties—an effect that extends to living organisms, which, due to their higher electrolyte concentration and sophisticated physiological organization, are generally capable of maintaining life-preserving homeostasis.

Lunar Influences on Various Biotores (pH of Saliva, Urine and Plant Sap)

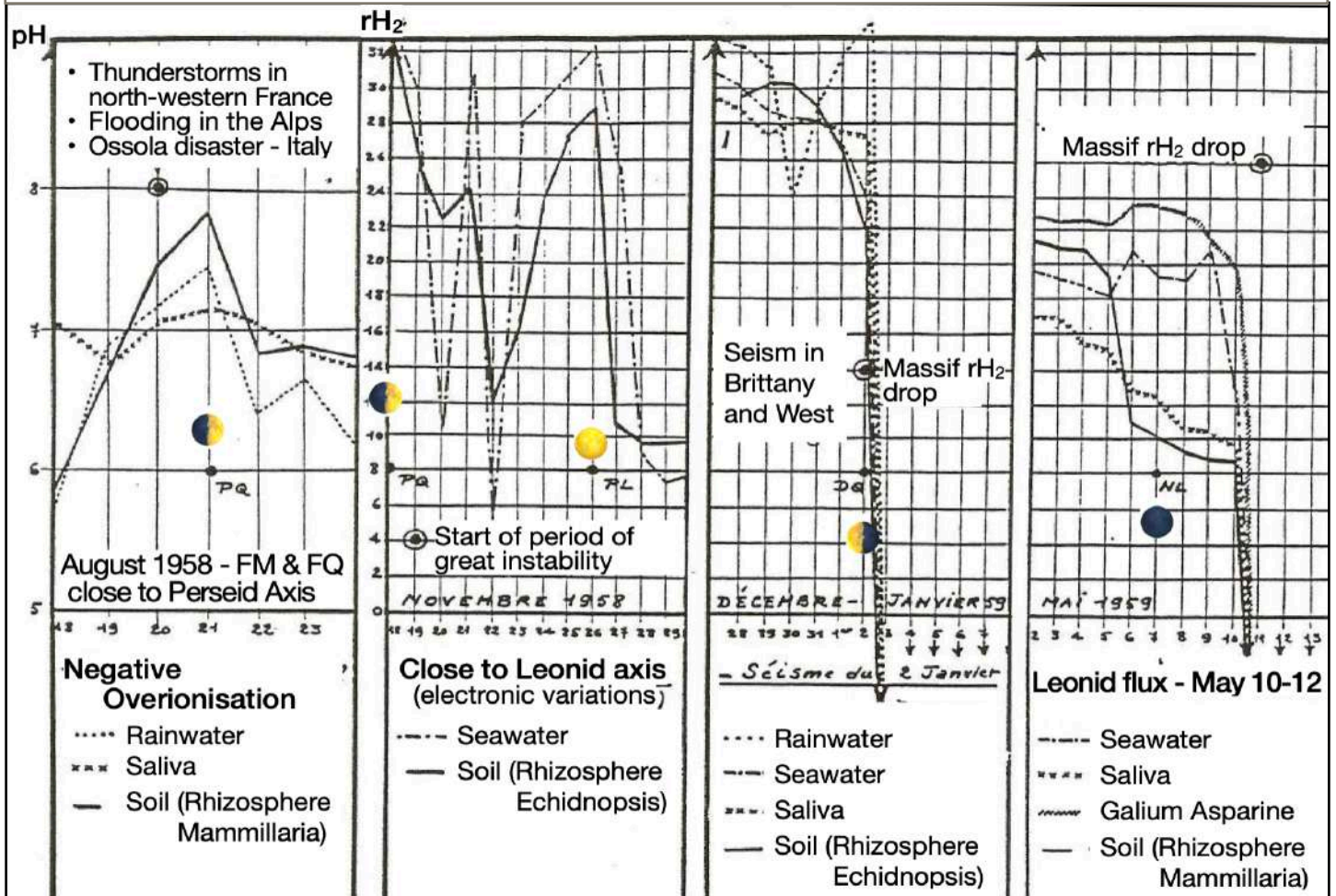


pH variations were compared across different organisms: in humans, both saliva and urine samples were analyzed; in guinea pigs, urine samples were tested; and in plants, a 1/10 trituration was measured in rainwater from an asparagus stem. Despite the diversity of these biotopes, clear analogies emerged. Ionic fluctuations related to full and new moon phases typically occurred two days before and one day after the phase, spanning 4 days in total. In contrast, variations during lunar quarters were much weaker, appearing the day before, the day of, or the day after the phase, and could be absent altogether if the quarter aligned with the lunar apogee.

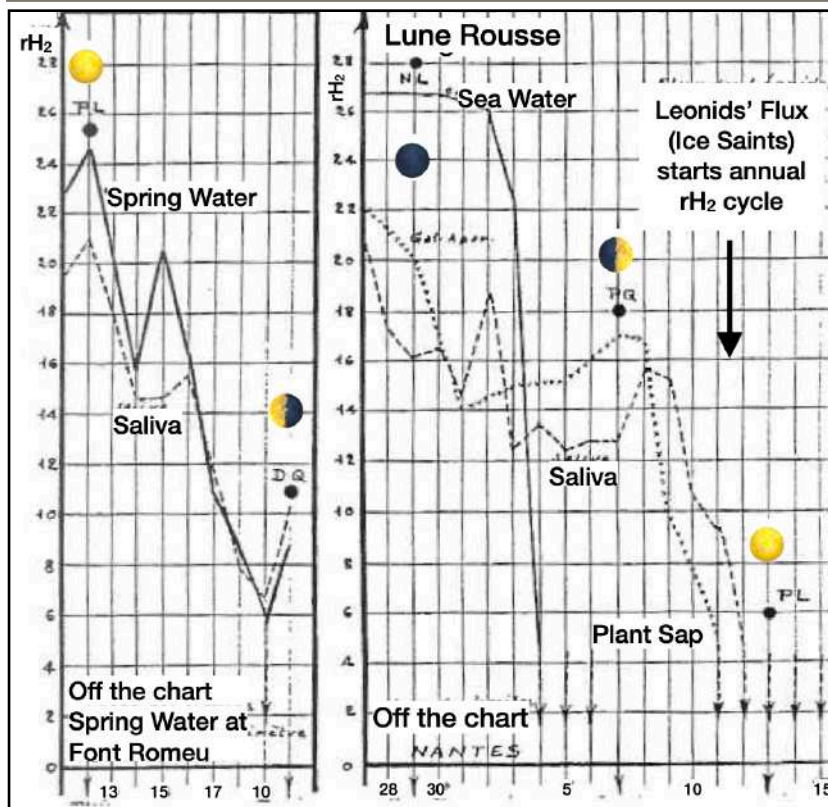
The urinary study of guinea pigs, spanning 10 months with daily microscopic observations, revealed intriguing results. Although their diet remained unchanged, the urine, typically at a pH of around 8, exhibited marked variations. During lunar phases, the pH rose to 9, causing the microbial flora to vanish completely, while an oily film, consisting of dead microorganism residues, formed on the urine's surface. After the pH peak, it returned to 8, and the microbial flora slowly reappeared, only to be eliminated again during the next pH rise.

Conclusion: Cosmic influences, through alterations in the ambient electromagnetic field, affect biological systems at the ionic, molecular, membrane, tissue, and microbial levels. This has profound implications for biology, genetics, biophysics, geobiology, and other disciplines where the dynamics of electrical dipoles and electromagnetic fields are essential to chemical reactions, molecular interactions, and exchanges across electrically charged membranes.

Cosmic Influences on Extreme Weather and Seismic Events



Cosmic Influences on Springs, Sea Water, Saliva and Plant Sap

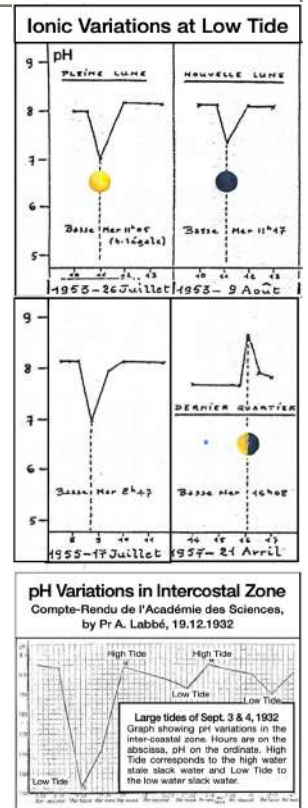
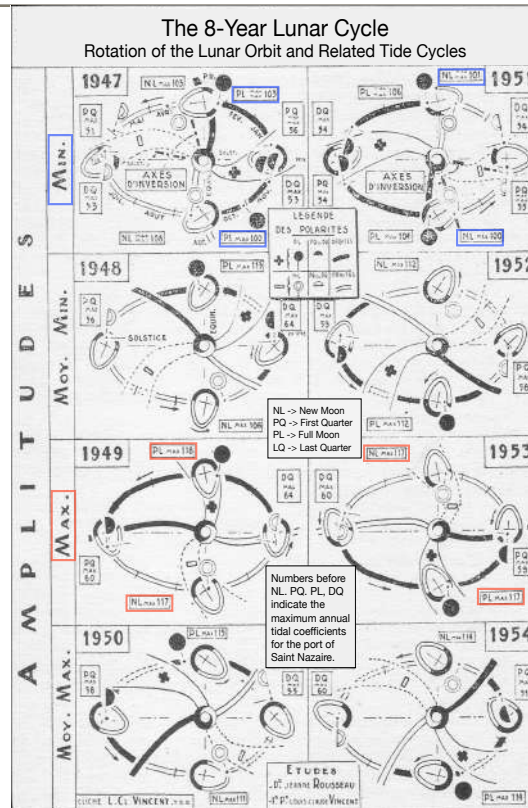
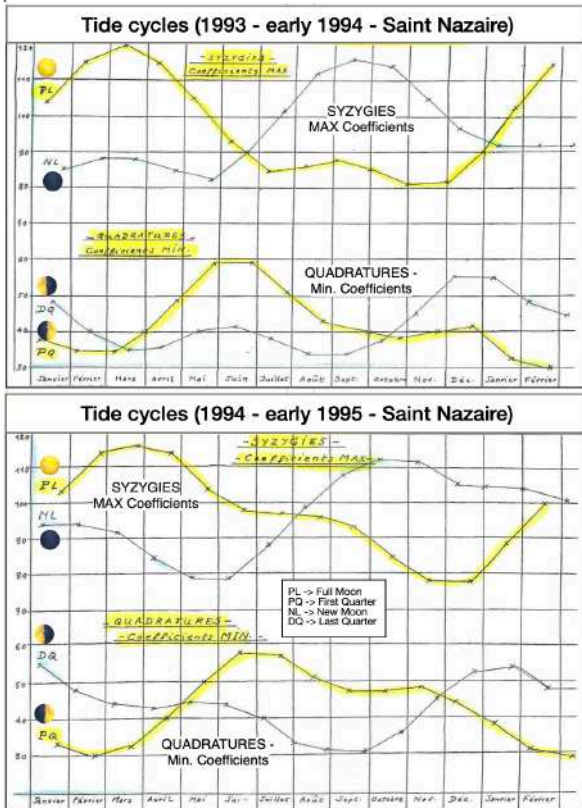


These graphs relate to rH₂ and the year 1957. The graph on the right was recorded in Loire Atlantique and displays the spectacular rH₂ collapse in May 1957. Sea water was first affected, followed a few days later on May 11 and 12, by changes in human saliva and in plant sap (stem trituration at 1/10 in rainwater). Note that in both cases the changes were delayed, which demonstrates the buffering capacity of living organisms no matter what species they belong to. This is a capacity that clearly exceeds the possibilities of non-living elements.

The graph on the left demonstrates the same phenomenon, observed a month later (June) in the Pyrénées Orientales, the altitude (1,800 meters) being the likely cause of the delay; the parallel here concerns spring water taken directly at its emergence point from a rock formation (Cerdagne granite), and once again from human saliva. When comparing these 2 graphs, the staggering of lunar phases is to be noted, and also the inversion of levels at Full Moon.

Conclusion: Water and living organisms, bathed in Earth's electromagnetic fields, which are themselves integrated into a cosmic network of swirling electromagnetic vortices, are constantly under the influence of these same ever-moving cosmic forces.

Tide Cycles: the gravitational model cannot explain these cycles, only electromagnetism and Coulomb forces can provide a comprehensive explanation



Legend: Lunar translation is linked to an ionospheric system composed of two axes: a longitudinal electrical axis (low-tide) and a transverse magnetic axis (high-tide). This translation occurs in a prograde (counter-clockwise) direction, following a cycle of approximately 28 to 29 days. During syzygy (new and full moons), when the lunar electrical axis aligns with the solar electrical axis, high-amplitude tides are produced, particularly when the Full Moon is at perigee. In contrast, during quadratures, the alignment of the lunar magnetic axis with the solar electrical axis results in reduced tide amplitudes. The intensity of these tides fluctuates throughout the year and varies annually, completing a full cycle every 8 years. The schematic on the right illustrates this cycle, highlighting the progressive alignment of both the lunar and solar electrical and magnetic axes. Multiple 8-year cycles (e.g., 5x8 and 10x8), especially with close lunar alignments, along with overlaps with other cycles such as the Schwabe and Hale cycles, contribute to a complex array of additional cycles. Furthermore, as demonstrated in Rousseau's Cosmic Resonances and her other writings, lunar cycles also significantly influence sunspot cycles. Since tides are based on electromagnetic phenomena, they are always accompanied by changes in the three bioelectronic parameters (pH, rH_2 { E_h }, and resistivity ρ) which are particularly pronounced at low tides as shown above for pH (5 graphs on the right).

Advancing Scientific Discovery by Integrating Physical Parameters with Cosmic Influences and the Subtle Dimensions of Nature and Living Organisms

The Vincent-Rousseau holistic approach offers a transformative vision for science, advocating for a comprehensive understanding of reality that integrates not only material and physical aspects but also the intricate cosmic environment and the subtle dimensions of life. This perspective encompasses the entire spectrum of existence—from microorganisms and plants to human consciousness—promoting a more inclusive and interconnected view of the cosmos and the profound complexities of life.

By integrating conventional scientific tools with an exploration of life's dynamic and creative forces, this comprehensive methodology has the potential to ignite a new interdisciplinary research paradigm. Such a shift could drive breakthroughs in fields such as biology, ecology, and cosmology and more, pushing the boundaries of current methodologies and expanding the scope of scientific inquiry. Importantly, Vincent and Rousseau's approach emphasizes the practical relevance of science, highlighting the need for research that not only advances theoretical knowledge but also directly benefits society by addressing the needs of everyday life. Furthermore, by combining Vincent and Rousseau's cosmic model with modern numerical databases, modeling techniques, and data processing tools, the accuracy and predictive power of their research could be greatly enhanced.

Recognizing the full spectrum of existence, from the tangible to the subtle, this approach has the potential to revolutionize our understanding of life and the universe. It fosters innovations that balance empirical, physical instruments with the more nuanced, often overlooked forces that influence living organisms and our daily lives. In essence, this vision points to a future where science not only decodes the mechanisms of Nature and life but also embraces their deeper, more mysterious dimensions, providing a more holistic and comprehensive understanding of the universe and its governing forces. Such a vision ensures that scientific advancements are not only intellectually stimulating but also deeply meaningful and accessible to a broader audience, offering tangible benefits to society.