



Researches Relevant to Theosophy

Vol. V N° 3

A quarterly publication
devoted to the collection of
researches in the sciences
and humanities that are
relevant to theosophical
studies.

- * Anthropology
- * Archeology
- * Biology
- * Chemistry
- * Earth Sciences
- * Education
- * Health & Medicine
- * History
- * Philosophy
- * Physics
- * Psychology
- * Religion
- * Social Sciences
- * Space Sciences
- * Technology

This issue :

Genesis of Physical Elements

Self-Healing Minerals

Visible Matter in Cosmic Dust

Earth's Global Electrical Field

The Birth of Light

Mind-Body Therapies

Back in Time with Homo Sapiens

... and more



*Click here to go to Web site for
all articles*



Click here to subscribe for free

Contents:

<i>Editorial</i>	3
<i>The View</i>	4
<i>The Neutrino - A Key to the Genesis of Heaviest Elements</i>	5
<i>The Mineral World capable of self-healing</i>	6
<i>Visible Matter is not in Bright Stars</i>	7
<i>Global Electrical Field on earth</i>	8
<i>The Birth of Light from Nothingness</i>	9
<i>Mind-Body Therapies</i>	9
<i>Back in Time with Homo Sapiens</i>	11
<i>Is there anyone out there ?</i>	12
<i>Life's Ingredients found beyond the Milky Way</i>	13

Editorial

Welcome to this issue of Researches Relevant to Theosophy.

William James wrote : *"Science means, first of all a certain dispassionate method. To suppose that it means a certain set of results that one should pin one's faith and hug forever is sadly to mistake its genius, and degrades the scientific body to the status of a sect."* (1896).

Similarly, Bertram Keightley, on his Account of the writing of "The Secret Doctrine", wrote¹⁾ : *"Personally, I can only place on record my profound conviction that when studied thoroughly but not treated as revelation, when understood and assimilated but not made a text for dogma, H.P.B.'s Secret Doctrine will be found of incalculable value, and will furnish suggestions, clues, and threads of guidance, for the study of Nature and Man, such as no other existing work can supply."*

"There is no Religion (or Science) higher than Truth", and to approach Truth requires to study with all available sources and means, and to stay away from dogmas.

¹⁾Countess Wachtmeister *Reminiscences of H.P. Blavatsky*, 1893



Researches Relevant to Theosophy

Editor :

Jacques Mahnich, France

Consultants :

Vic Hao Chin, Philippines

Dr. Pablo Sender, USA

Dr. Roselmo Doval-Santos,
Philippines

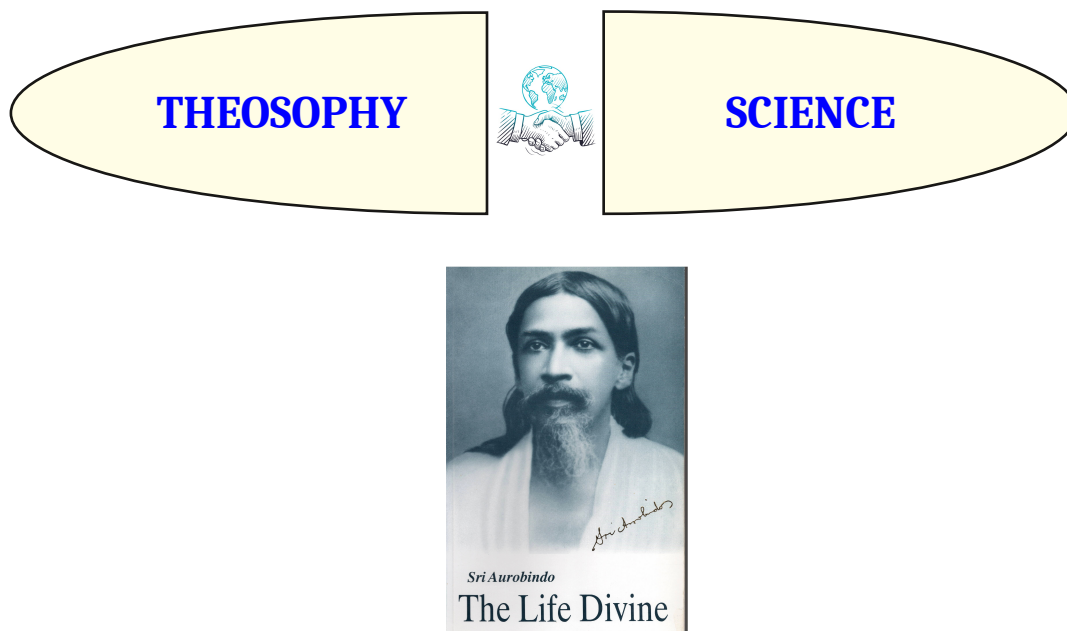
Website: <http://theoscience.org>

Email: editor@theoscience.org

Contributions:

Contributions to this publication are welcome. Email to the editors the title, date, source and summary of the research report, together with the full citation of the source or sources, whether website, book or article.

THE VIEW



Matter, Energy, Life, Mind, Spirit

«Matter expresses itself eventually as a formulation of some unknown Force. Life, too, that yet unfathomed mystery, begins to reveal itself as an obscure energy of sensibility imprisoned in its material formulation; and when the dividing ignorance is cured which gives us the sense of a gulf between Life and Matter, it is difficult to suppose that Mind, Life and Matter will be found to be anything else than one Energy triply formulated, the triple world of the Vedic seers. Nor will the conception then be able to endure of a brute material Force as the mother of Mind.»

«And it is certainly the fact that the wider we extend and the surer we make our knowledge of the physical world, the wider and surer becomes our foundation for the higher knowledge, even for the highest, even for the Brahavidya.»

Excerpted from Sri Aurobindo, *The Life Divine*, 2009

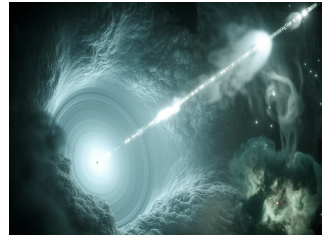
Physics

Date : June, 2024

Source : Science Alert

The Neutrino

A key to the Genesis of Heaviest Elements



The Neutrino is the most elusive and weird particle from the Standard Model. It is everywhere in the universe. It moves at light speed, it does not interact with ordinary matter, so it can go through any physical substance, including our physical body, without being detected – the invisible entity. It was postulated in 1930 by Wolfgang Pauli before being discovered in the 1950's. Its main source are the stars like our Sun, which generate billions of them every second through the fusion process.

It is still as of today one of the biggest mystery in modern Particle Physics, it has a mass but still unknown where the Standard Model predicted no mass for the neutrino. A new study suggests that the lightest particles in the Universe may play a critical role in the formation of heavy elements.

Nucleosynthesis – the generation of elements, or the transformation of the Big Bang elementary particles (H, He, Li) is mainly the result of the fusion process inside the core of the main sequence stars like our Sun. But it stops short at the iron element (Fe). Above this threshold, it requires the immense energy only a supernova star can provide. This study brings a new genesis process for the heavy elements, using the quantum identity of the neutrinos (entanglement) as an intermediate process. Another brick in the puzzle of the generation of physical matter.

Read the Science Alert article :



Read the Astrophysical Journal article :



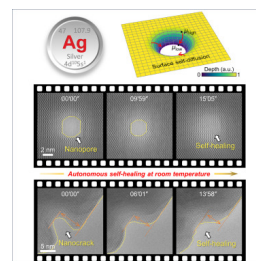
At the time where the early teachings of Theosophy were published, the sun's fusion process was unknown, like most of modern Physics. An article from the Collected Writings of H.P.B. - *Is the Sun a Cooling Mass* (Vol. V, p. 155), quoting Sir John Herschel giving out a theory approximating an occult truth : "These wonderful objects are not 'solar inhabitants', but simply the reservoirs of solar vital energy, the vital electricity that feeds the whole system in which it lives, and breathes, and has its being."

Physics

Date : Sept., 2024

Source : Phys Org

The Mineral World capable of Self-Healing



The vegetal, animal and human kingdoms have all this capability of self-healing. Our human body is a wonderful, complex, magic machine capable to handle many bodily damages. It is the best medicine which we can use. The various biological systems ensure most of the required conditions to sustain life, and when any discrepancy occurs, an army of cells is dispatched to stop proliferation and to repair any damage. A new study has discovered that this process of self-healing can occur in some metal, the nanoscale silver (Ag). This element, when subject to damages like nanocracks and nanopores, can repair itself without external intervention, the healed region restoring the crystal lattice with atomic precise ordering.

Read the Phys Org article :



Read the Matter article :



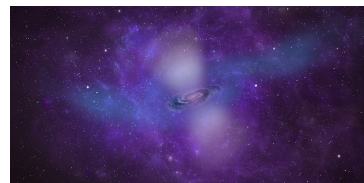
The Secret Doctrine (B.de Zirkoff Edition) Vol. I, p. 178, says that “... a mineral monad... would of course had been to call it the Monad manifesting in that form of Prakriti called the mineral kingdom.” And page 626 fn, says that “Foremost of all, the postulate that there is no such thing in Nature as inorganic substances or bodies. Stones, minerals, rocks, and even chemical “atoms” are simply organic units in profound lethargy. Their coma has an end and their inertia becomes activity.”

Space Sciences

Date : Sept., 2024

Source : Phys Org

Visible Matter is not in Bright Stars



What we call matter in the visible universe is not where we would think it is.

Apart from Dark Matter which is not visible but detectable due to its impact on celestial orbits dynamics, most of the visible matter is not in the bright stars. Instead, it is located in gigantic clouds of gas surrounding most of the galaxies. They account for 70%-90% for the visible matter. This is the cradle of stars and planets, the “raw” material from which they are created, shaped by gravitational accretion. These halos are stretching hundreds of thousands of light years. A scientific team was able to take a picture of it. It is glowing, but we don’t know why. And an interesting fact was noticed : the galaxy does not smoothly “fade out” into the surrounding halo. There is an abrupt break from one to the other.

Read the Phys Org article :



H.P. Blavatsky Collected Writings – Vol. V, p. 150, has an answer to the question : “Do the Adepts deny the Nebular Theory?”, and Vol. XIV, p. 87 says : “The nebular theory of Modern Science, with all its mysteries, is solved in the cosmogony of the Archaic Doctrine, and the paradoxical though very scientific enunciation, that ‘cooling causes contraction and contraction causes heat; therefore cooling causes heat,’ is shown as the chief agency in the formation of the worlds, and especially of our sun and solar system.”

H.P. Blavatsky Secret Doctrine – B. de Zirkoff Edition, Vol. I, p. 588, gives some clues about the nebular theory : “The nebulae exists; yet the nebular theory is wrong. A nebula exists in a state of entire elemental dissociation. It is gaseous and – something else besides, which can hardly be connected with gases, as known to physical science; and it is self-luminous.”

Earth Sciences

Date : Sept., 2024

Source : NASA

Global Electrical Field on Earth



NASA announced the successful detection of an ambipolar electric field surrounding Earth, as fundamental as Earth's gravity and magnetic fields, which may have shaped our planet's evolution.

This was hypothesized some 60 years ago.

This field causes part of our atmosphere to escape from Earth's gravity, causing what is named “polar wind”.

This electrical field is ten times stronger than gravity.

This ambipolar field may have continuously shaped the evolution of our atmosphere, and this findings are applicable to any other planet with an atmosphere.

Read the NASA article :



Watch the NASA video :

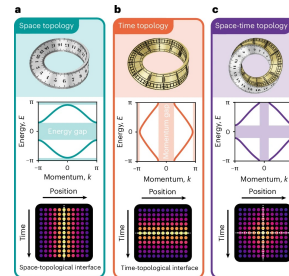


Physics

Date : April, 2025

Source : Daily Galaxy

The Birth of Light from Nothingness



In a groundbreaking discovery, scientists have discovered that light can emerge from and disappear into nothingness. This has triggered a new understanding/modelization of time and space. Light seems to appear from space-time-topological event.

Read the Daily Galaxy article :



Read the Nature Photonic article :



Medicine

Date : May, 2025

Source : Medscape

Mind-Body Therapies

A growing body of research shows that complementary and alternative medicine (CAM) can help treat certain gastrointestinal disorders. Previously looked down upon by scientists,

mind-body medicine was once categorized as alternative medicine. But interventions such as cognitive-behavioral therapy and mindfulness-based approaches are gaining traction in conventional circles and amassing evidence of its efficacy.

In acupuncture, there are meridians that govern the GI system,” Shi-Hong Loh, MD, of Dao Sheng Acupuncture, Hoboken and Hackensack, New Jersey, told Medscape Medical News. “Meridians are typically not tied to Western concepts of anatomy or neurology.

The points we use are often related to the parasympathetic nervous system, with nerve distribution from areas in the thoracic and lumbar spine. That type of nerve innervation is from the spinal area and controls abdominal and intestinal function.”

Other evidence-based mind-body approaches include gut-directed hypnotherapy, meditation, mindfulness-based therapies, guided imagery, and yoga. A systematic review of six randomized controlled trials found evidence that in patients with IBS, yoga can decrease bowel symptoms, disease severity, and anxiety, as well as improve physical functioning and quality of life.

Like CBT, hypnotherapy and mindfulness-based stress reduction “aim to reduce overactivity to stressors and to improve maladaptive coping behaviors,” said Hass, who has been trained in hypnotherapy. “Particularly for anxiety-provoked symptoms due to catastrophizing, CBT would be the modality of choice.”

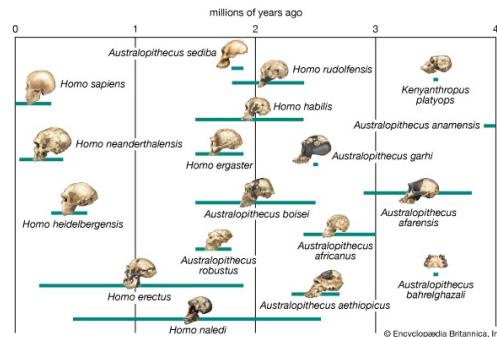
Hypnotherapy and mindfulness meditation have been found effective in several GI cancers, as well as Crohn’s disease

Anthropology

Date : Sept., 2025

Source : Science Alert

Back in Time with Homo-Sapiens



The discovery of two skulls in 1989 and 1990 gave birth to a new specie in the hominid family tree, called the Yunxian Man. Modern technology, using 3-D scanning and analysis has allowed a reconstruction of the skulls and a classification of this new family between Homo erectus and the following species, Homo longi and Homo sapiens. This discovery more or less doubles the time of origin of Homo sapiens.

Read the Science Alert article :



Watch the YouTube Video :



Reconciliation between modern anthropology and the Wisdom Tradition Teachings is still far away and would require deep comparative studies in History, Archeology, Anthropology, etc...

Space Sciences

Date : Oct., 2025

Source : Science Alert

Is There Anyone Out There ?



The search for extraterrestrial life was boosted after the discovery of exoplanets orbiting red dwarf stars. As of June 4, 2026, there are 6,298 confirmed exoplanets in 4,709 planetary systems.

Assuming there are 200 billion stars in the Milky Way, it can be hypothesized that there are 11 billion potentially habitable Earth-sized planets, rising to 40 billion if planets orbiting the red dwarfs are included.

A new research suggests advanced civilizations are unlikely on red dwarf systems.

Read the Science Alert article :



Read the ArXiv article :



Watch "Why intelligent life could be impossible :



Watch "Could life be found on planets orbiting red dwarf stars ? :

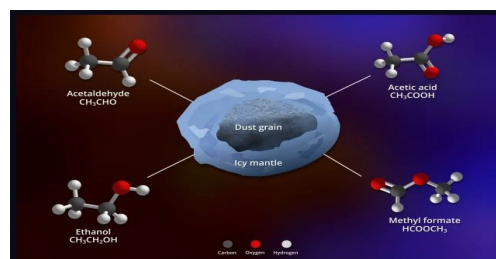


Space Sciences

Date : Oct., 2025

Source : Science Alert

Life's Ingredients found beyond the Milky Way



For the first time, astronomers have seen (in ice-form) life's basic building blocks (according to modern science) beyond the borders of our galaxy.

These basic components (Complex organic Molecules) are molecules with at least six atoms, at least one is carbon. They are precursors to the molecules that build life.

One important conclusion is that these precursors were forged before Earth was even born.

Read the Science alert article :



Read the Astrophysical Journal Letters article :





PSY Encyclopedia : Sylvan J Muldoon wrote books on "out-of-body experiences"

ISHAROnline : William C. Bushell, PhD on mind-body phenomenology

Scientific & Medical Network : The Galileo Commission Publications

Open Sciences Articles

IONS Noetic Experience Blog