



Researches Relevant to Theosophy

Vol. IV N° 2

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 :

Dark Matter : A Ghost ?

Panspermia : New Findings

The Sun as Alchemist

Mindfulness as Therapy

The Metaphysics of Yoga

Transpersonal Psychology

. . . and more



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Editorial

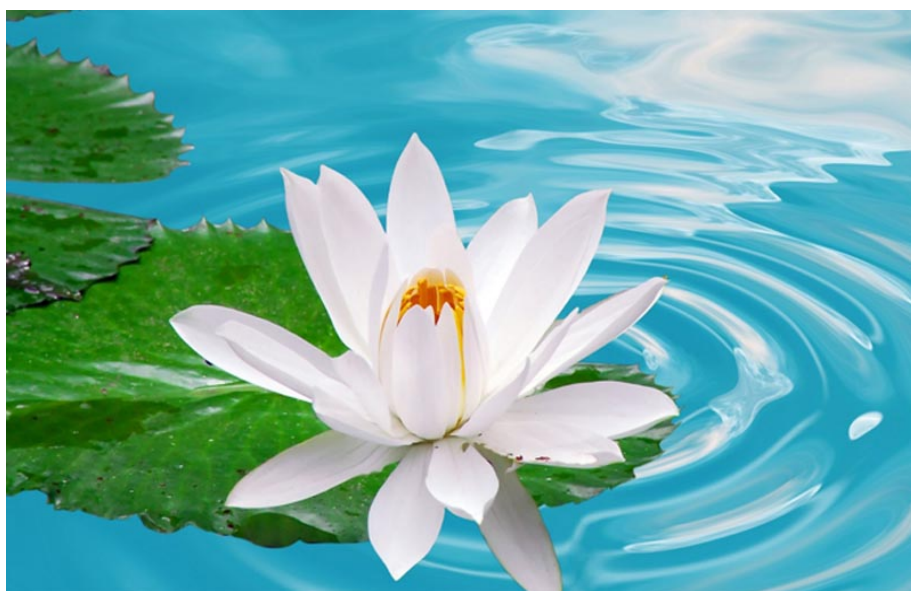
Welcome to the second issue of 2021 *Researches Relevant to Theosophy*.

Science does not stop with pandemia. It even looks like the current situation is boosting researches, in biology of course, but also on out-of-mainstream science in domains like parapsychology, transpersonal psychology, lucid dreaming,...

At the same time, Mother Nature is warning us of impending natural disasters generated by climat changes and over-exploitation of Earth resources. A profound understanding of Nature, outside of the materialistic approach, is more than ever necessary. Let's learn it.

Survey, gathering and analysis of research information is the main purpose of this publication. We appreciate your feedback. You may email us at editor@theoscience.org or comment on the website of *Researches Relevant to Theosophy* (theoscience.org).

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Researches Relevant to Theosophy

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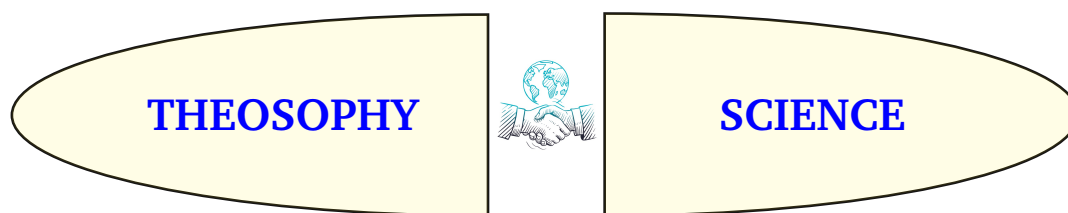
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Contributions:

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



Perception in Yoga and Physics

If we examine a material phenomenon with our senses, we can select words which give an exact description of what we observe, and other seekers after truth will understand exactly what we mean, but when we try to describe feelings of a spiritual, symbolic, or aesthetic nature, words become misleading and it is then necessary to get behind their literal meaning and sense intuitively the concept behind them.

This does not mean that everything written theosophically or in other esoteric writings must be blindly accepted as truth, but that the reader should temporarily suspend judgment and hold the ideas quietly in his mind for a time. This gives the inner, intuitive aspects of his consciousness an opportunity to become involved with the ideas expressed, and if after a lapse of time his mind becomes illuminated as a result, he will then have become conscious of a wider understanding of the ideas contemplated. If on the other hand he gains no expansion of understanding from his period of contemplation, he can then bring his critical faculties to bear, and examine the material scientifically, accepting or rejecting it according to the way it affects his sense of reason.

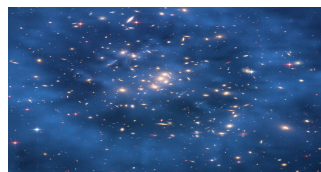
Excerpted from H. Tudor Edmunds, Science, Yoga and Theosophy Seminar, 1975

Physics, Space
Sciences

Date : Nov., 2020

Source : Science
Magazine

Dark Matter: A Ghost?



Since the discovery of the anomalies of galaxies' outer stars rotations ([Fritz Zwicky, 1933's](#)), scientists have not been able to develop a satisfactory theory to explain the observed phenomenon. The concept of Dark Matter was introduced to account for the departure from general relativity model. Later, Dark Matter was used as a necessary component to validate the Big Bang theory, i.e. without Dark Matter, it is not possible for the initial sidereal bodies to form.

Dark Matter must pervade every galaxy. Yet, after decades of modeling and observations, not a single particle of Dark Matter has been spotted.

A new hypothesis surfaced, based on the observations of the distribution of galaxies from the [CMB](#) (Cosmic Microwave Background), which includes a gravity model which would be attractive at some length scale and repulsive at others.

Mme Blavatsky wrote (Isis Unveiled I. p.271, Ed. 1877) :
“That there is no gravitation in the Newtonian sense, but only magnetic attraction and repulsion; that it is by their magnetism that the planets of the solar system have their motions regulated in their respective orbits by the still more powerful magnetism of the sun, not by their weight or gravitation.”

Read more :

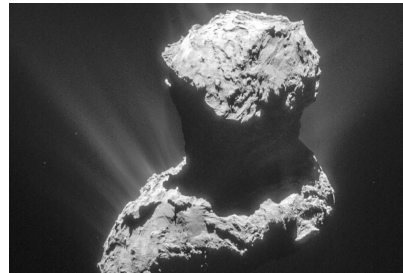


Physics, Space
Sciences

Date : Nov., 2020

Source : AAAS

Life on Earth Brought by Comets ?



In 2014, Chandra Wickramasinghe, from Buckingham Center for Astrobiology, UK, wrote [a book](#) – The Search for Our Cosmic Ancestry, following Fred Hoyle’s Theory of Cosmic Panspermia. He statistically demonstrated that life cannot have emerged on earth per chance, as the mainstream materialistic scientist’s world think, but was probably brought by cosmic “travelers” like comets, asteroids,...

In a recent space project – COSIMA (COmetary Secondary Ion Mass Analyser), hosted on the Rosetta spacecraft – discovered phosphorus and fluorine in solid dust particles collected from the inner coma of comet 67P/Churyumov-Gerasimenko. Carbon, hydrogen, nitrogen, oxygen and sulphur were already reported in previous studies. Phosphorus is the last one of the CHNOPS-elements necessary for life to emerge.

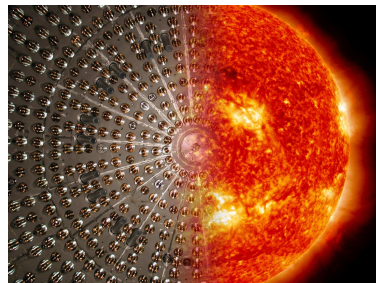
Read more :



Physics, Space Sciences **Our Sun is an Alchemist**

Date : Nov. 2020

Source : AAAS



The **fusion processes** which occurs inside the core of any active star like our sun is the source of the generation of energy for all celestial bodies in its vicinity. This process involves the transformation of one element, starting with hydrogen, into heavier elements like helium, bore, carbon, oxygen,... The mechanism involves classical electromagnetism and quantum physics and it is confirmed by measurements from the Earth of the emitted particules called neutrinos. A recent experiment was able to measure for the first time such neutrinos coming from the sun's second fusion process, called the CNO (Carbon, Nitrogen, Oxygen) Cycle.

Read more :



Medicine, Psychology

Date : Oct. 2020

Source : *ScienceDirect*

Mindfulness : A Cognitive Therapy for Depression



Mindfulness-Based-Cognitive-Therapy (MBCT) are now well developed and well accepted in the medical communities. It has demonstrated its efficiency in psychiatric domain, and is used in clinics and hospitals to reduce stress. A new study/experiment, using fMRI brain activation started to correlate the visible effects of this therapy with active zone of the brain.

MBCT relies on intensive mental training with focussed, sustained attention practices. This is equivalent to the first phases of meditation practices and the results of this study brings another demonstration of the relationship/influence the mental can have on the physical body.

Read more :

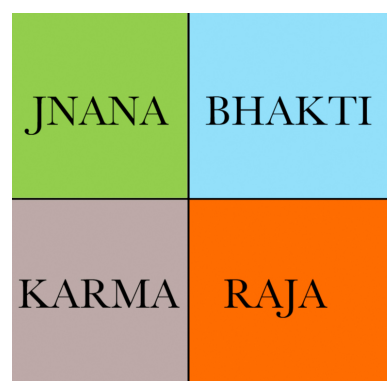


Philosophy, Religion

Date : Oct, 2020

Source : MDPI - Religions

The Metaphysics of the Four Yogas



Swami Vivekananda claims that the four yogas – Karma Yoga, Bhakti Yoga, Raja-Yoga and Jnana-Yoga – are independent and equally effective paths to Self-realization and liberation from the cycle of rebirth. Ultimately, there are as many yogas as many individuals beings seeking liberation. He said that “The ultimate goal of all mankind, the aim and the end of all religions, is but one-re-union with God, or, what amounts to the same, with the divinity which is every man’s true nature.” A recent paper discusses and explains this diversity leading to unity.

Read more :



Philosophy, Religion

Date : Dec., 2020

Source : Archipel
Journal

Shaivistic Samkhya Yoga in Balinese Tradition



Bali (Indonesia) textual traditions was built long time ago with a mixture of Hinduism which were brought more than one thousand years ago in the Island. It is a blending of Samkhya, Yoga, and Advaita Vedanta, three of the six Darshanas of Old India. This combination of dualist and monist approaches is synthesized in the Aji Sangkya, a recent compilation (1947). A new analysis of this tradition was published as a comparative study between the various Hinduisms on which it is based. It highlights the process of creation with the tattvas, which has a lot of parallels with the theosophical constitution of man.

Read more :

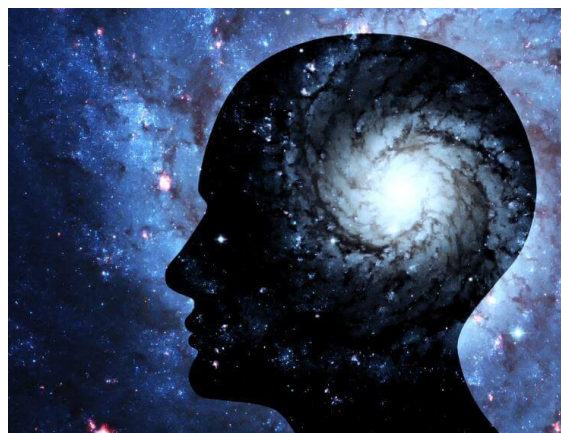


Philosophy,
Psychology

Date : Jan., 2017

Source : CIIS

Transpersonal Psychology : Moving Beyond Materialism



Scientific Materialism paradigm is becoming more and more unbearable, and post-materialistic science is emerging. In a paper published in the International Journal of Transpersonal Studies, the author is debating the role of Transpersonal Psychology as a contributor to cultural transformation. The metaphysics of Science, Materialism, and Post-Materialism are analyzed and an evaluation of the contribution of Transpersonal Psychology is proposed.

Read more :

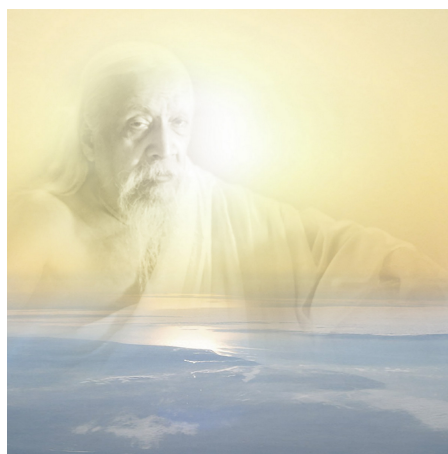


Health & Medicine,
Philosophy

Jan., 2018

Source : CIIS

Integral Yoga Clinical Correlations



Sri Aurobindo Integral Yoga brings a new paradigm to “articulate a spiritually-informed approach to psychology and psychiatry”. This has now find its way and is becoming part of the mainstream of clinical practices. Integrative medicine, mindfulness-based stress reduction is now accepted and meditation has become a remedy for medical and mental health problems. This article gives an overview of Sri Aurobindo Integral Yoga Psychology, with its relevance to clinical practice.

Read more :

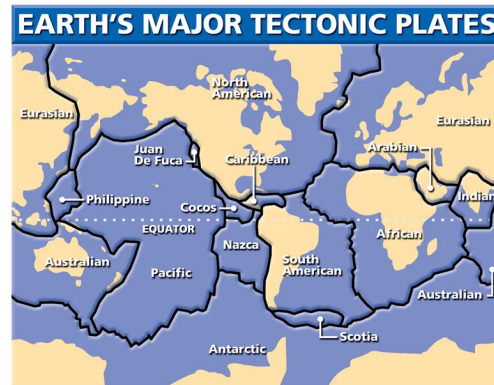


Earth Sciences

Feb., 2021

Source : Phys.org

Earth's Tectonic Plates : One Billion Years Story



Earth scientists from every continent have collected and published data relative to tectonic plates movements. A compilation of all the data have enable the design of an illustration of the uninterrupted movement of the Earth's tectonic plate over the past billion years. It shows that Antartica was once at the equator.

Read more :

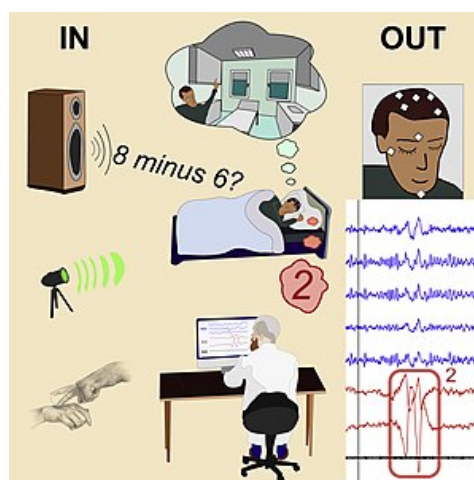


Biology, Psychology,
Parapsychology

Feb., 2021

Source : Current
Biology

Lucid Dreams : A Scientific Experimentation



A team of researchers has developed a methodology to experiment two-way communication with dreamers during their sleep. They used EEG (electroencephalography) and facial or ocular response to correlate with stimuli. Dreamers were able to hear simple arithmetic questions and to provide correct answers via a pre-established protocol (ocular or facial movements).

Once awoken, the experimenters were able to confirm they received the questions and transmit the answers, with some distortion in some cases. This experiment confirm the sleep learning phenomenon and open the door to a better understanding of the dream states.

Read more :



Psychology,
Philosophy

Feb., 2021

Source : YouTube

Panpsychism: A Dialog with Rupert Sheldrake



A Dialogue between Rupert Sheldrake and Mark Vernon
on the Panpsychism paradigm :

