

Members' Articles

SCIENCE

Nick Greaves writes: The following three papers are linked, although that might not be immediately apparent from the diversity of the headings. They are as follows

1. **Duplication Theory: An Explanation for certain Paranormal and other phenomena based on resonance**(19,000 words, 33pp). This is the central theme. This was developed first during 1978 and a brief synopsis published in the S&M Network journal in 1988. The latter is used as an appendix in this paper. It is an explanation for the mechanism for what Sheldrake describes as Morphic resonance, and shows how this is the corollary of electromagnetic energy. It uses principles of physics, some of which have been interpreted in a way, which would not be acceptable to most physicists. It will not be that easy to take in since the strength of the hypotheses is not so much in some of the detail of the principles of physics involved but in the application of the resulting conclusions to explain so many otherwise diverse phenomena. There is a much longer unpublished paper which was typed in 1985 (51,000 words) which might be easier to read, being less compact.
2. **Repeatability** (2,200 words, 4pp). The first draft of this was published in the Paranormal Review of the Society of Psychical Research in July 1999. A later and improved version is provided here. This paper gives an explanation for why the whole subject of ESP has yet to be accepted as a valid area of research by so many scientist and other experts.
3. **Reflections on the Isotropy and Absolute Velocity of Light.** (6,700 words, 17pp). This might seem totally unconnected with the first two subjects, but it was developed directly as a spin off implication of the first paper. It is followed by another section headed "Inertia and Mach's Principle, and a third "Dark Matter & Inertia". The two latter are highly speculative and not to be taken too seriously, other than as a flight of fancy which was enjoyable to the author.

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Some Encodings of Superstring Structural Parameters 168 & 251 in Tree of Life Patterns - Stephen M Phillips (21 pp) Analyses one section of the kabbalistic geometry - the first four regular polygons enfolded in the outer form of the Tree of Life - and shows that it encodes a number embodied in both the outer and inner forms of the Tree of Life which is the number of degrees of freedom or co-ordinate variables characterising ten curves in 26-dimensional space.

Die Evolution des Bewusstseins im Tierreich (The Evolution of Consciousness in the Animal Kingdom) - Dr Stephan Krall (11 pp) Advances a view of how consciousness arises in the course of animal evolution.

Expanding the Range of Science: Towards a Spiritual Science - Chris Thomson (8pp). A lucid discussion of the relationship between scientific and spiritual knowledge, each of which gives a partial understanding. Advocates expanding of science to include training of the inner senses.

Energetic Matrix of Vegetables - Dr Marilena Gilca (4 pp) Examines how minerals dissolved in watery extracts of vegetables crystallise in a different way depending on the herb used. Speculates that the shapes and positions of these crystals studied by optical microscopy offer a way of decoding the inigma of the energetic matrix of vegetables, using an Ayurvedic approach.

Virtual Particles and their Philosophical Consequences - Frank Parkinson (5 pp) Examines the implications of the term "virtual" with reference to physics and notions of reality, advocating the development of a metascience as an overarching and unifying concept.

Light in a Three-faceted Universe - Paul Von Ward (8 pp) Examines various meanings of the word "light" in its inner and outer senses, drawing on Walter Russell, Peter Russell, and Fritz Popp, and suggesting a threefold understanding of the universe by relating light with consciousness in an integral way that includes Creative Mind.

MEDICINE

Web Resource for Complementary Medicine - David Peters (3 pp) A superb compilation of the best web sites for complementary medicine.

Fluoridation - A Comment on the UK Government Report - Anthony Fox (5pp) Anthony is Chairman of the Dorset and New Forest Safe Water Society and has written a vigorous response to some of the inadequacies of the Government Report, which does not address issues such as chronic fluoride toxicity. Essential reading for those wishing to be fully informed.

Do Religion and Spirituality Matter in Health? - Larry Dossey (5 pp from *Alternative Therapies in Health and Medicine* 1999:5(3):16-18). *A response to R P Sloan, E Bagiella and T Powell "Religion, Spirituality, and Medicine" Lancet*1999;353(9153):664-67. A response to the Lancet article warning about the dangers of physician involvement in the spiritual concerns of their patients. Larry argues that research and involvement in spirituality and health is very important.

Heart-Focused Attention and Heart-Brain Synchronization: Energetic and Phsyciological Mechanisms - Linda Z Y X Song, Gary E R Schwartz and Linda G S Russek (16 pp) Shows how, from a perspective of dynamical energy systems, relaxed self-attention enhances connectivity between the mind and the body.

Cardiac Coherence: A New, Noninvasive Measure of Autonomic Nervous System Order - William A Tiller, Rollen McCraty and Mike Atkinson (14 pp) The results of this study suggest that emotional experiences play a role in determining sympathovagal balance independently of heart rate and respiration and further suggests that positive emotions lead to alterations in heart rate variability that may be beneficial in the treatment of hypertension.

The Impact of a New Emotional Self-Management, Bob Barrios-Choplin, Deborah Rozman, Mike Atkinson and Alan D Watkins (20 pp, from *Integrative Physiological and Behavioural Science, Vol. 33, No 2 April-June 1998*). Suggests that techniques designed to eliminate negative thought loops can have important positive effects on stress, emotions and key physiological systems.

Life Sciences Forum: Wisdom versus knowledge: an agenda for a more human medical science - Robert Pollack (4 pp) Asks why there is not more wisdom in the application of

scientific discoveries to the lives of sick and suffering people, and concludes that the major impediment is the simple of fact of human mortality, which erects a wall of silence and blankness at the outer edges of scientific understanding.

Primal Integration Therapy - School of Lake - Simon H House (12 pp) A survey of Frank Lake's work in psychotherapy. Lake recognised the original context of primal memory, enabling patients to reintegrate separate memory systems. He also defended the feasibility that cell memory could predate brain memory. He initially used LSD, but turned to deep breathing and other approaches later on.

HIV Science - Professor Jens Jerndal (4 pp) A succinct critique of the conventional approach to Aids and in particular HIV testing. Claims that "the only so called scientific proof that HIV causes Aids is a wholly artificial coincidence between a positive antibody test and one of twenty nine different illnesses, all of which predate Aids".

Red Alert - Insidious Threat to Life and Dignity - Professor Jens Jerndal (7 pp) An elaboration of the above article with particular emphasis on the situation in Africa.

PHILOSOPHY-RELIGION

Need for Intermediate Self: Self-consciousness in the Yoga Sutra - Prof Ravi Ravindra (11 pp) Points out that self-consciousness presupposes a separation and that the ultimate aim of yoga is not so much self-consciousness as self-realisation. In India, the human predicament arises from ignorance while in the biblical religions the problem is self-will. In India a separate individuality is a mark of this ignorance, while in the west a lack of individuality entails a lack of responsibility. Discusses the important relationship between the self and the Self.

Freedom of the Mind, Body and Spirit in a Vast and Friendly Universe - Lyn Andrews (15 pp) Here Lyn gives the background to her recent experiences and writings on consciousness and its relation to science. Her ideas are extremely interesting and bear some resemblance to the philosophy emanating from "Conversations with God", as the following line will show: "God created life to experience it; the experience of life is God". This leads to some considerations on God, time and evolution leading to a concept of co-creation.

Dialogue as the Way of Life - Roland Ropers (4 pp) Forward to a new book about Bede Griffiths, conveying the author's understanding of the essence of his approach to spirituality: "God is love and love is Joy. All the universe comes from love and unto love all things will return".

The Creative Cosmos - Prof Henryk Skolimowski (4 pp from *The New Gaia, Winter 1999*) An essay on the emergence of spirituality in the context of a participatory world view which leads to the principles of an ecological epic. Henryk sees human beings as "one with stupendous, creative, co-operative, self-transcending cosmos" in which we can play a unique part. The essay ends with a beautiful Hymned P articulation.

PSYCHOLOGY

Remote Perception - Prof Peter Stewart (4 pp from *Journal of the British Society of Dowisers, Vol. 39, No 269, Sept 2000*) A review article describing various protocols and experiences of remote perception, which also draws on Peter's own experience which he is developing through his seminar programme.

Islamic-Christian Dialogue: problems and obstacles to be pondered and overcome - Seyyed Hossein Nasr (15 pp from *Islam and Christian-Muslim Relations Vol. 11, No 2, July 2000*) While acknowledging that significant progress has been made in opening up dialogue between these two traditions, this essay concentrates on four outstanding problems and obstacles; freedom of worship, missionary activity, and attitudes towards modernism and secularism.

Towards Scientific Research of Inspirational Miracles Phenomena - Robert T Leskovar (9 pp) Reviews miracles in the major religions, scientific examination of Lourdes miracles and reports research on other inspirational miracles before considering the relationship between science and miraculous phenomena.

Can Theism Defeat the Argument from Evil?: Response to R Douglas Gievert's "An Argument from Evil for Theism" - Dr Rodney G Pfeffer (17 pp) This is a technical response to another paper which considers in great detail the theological and philosophical issues. Highly recommended.

Mind Consciousness and Independent Thinking - Margo Kirtikar (7 pp) Sees the need for intuitive and creative thinking in our age of communication and education. Advocates the study of our own consciousness as a starting point since it creates our own reality and discusses the role of yoga in mental training and ways in which we can connect with the universal mind to achieve inner balance and harmony.

Western Esotericism and Consciousness - Arthur Versluis (77 pp from *Journal of Consciousness Studies, Vol 7, No 6 May 2000*) An excellent article arguing that Western esoteric traditions as a whole rely on the power of the written word or image in order to convey and perhaps generate changes in consciousness. Arthur calls this hieroeidetic knowledge whereby language is revelatory, leads towards transcendence of self-other divisions.

Introducing the Language of Silence - Rikki Walker (15 pp) This is a new and formalised framework to understand the way in which psychological unconsciousness affects ones body but looked at from the point of view of the body. It is the study of the complex paths to psychco-religio-somatics. It is a careful piece of work that will interest complementary practitioners and psychotherapists. Some material is available on www.paston.co.uk/users/language-of-silence

GENERAL

From Politics Past to Politics Future: An Integrated Analysis of Current and Emergent Paradigms - Alan J Mayne (4 pp) A summary of Alan's last book, reviewed elsewhere in this issue.

The Cultural Creatives - Richard Tarnas (7 pp) A stimulating summary of the characteristics of cultural creatives from Paul Ray's new book of the same title.

Parish Power: Peace Through Social Empowerment - An Address to The Okinawa Peoples Summit - John Papworth (14 pp) Subtitled "Peace Through Social Empowerment" this talk analyses the dangers of militarism and the threat of economic globalisation arguing that the problem of scale has been ignored in most previous approaches. Sets out ways in which grass-roots power can be fostered.

Global Restructuring of Education: A Scientific Appraisal - Sampooran Singh (10 pp) An essay bringing together recent advances in science with the need for values education and spiritual transformation.

Music Making and Healing of the Breach - Clement Jewitt (9 pp) This article is divided into two parts: Mythmaking and Sensing. It starts from the split between the sacred and secular, exploring the theme through mythology and the role of music-making. The sensing arising in the course of this music-making which brings the players into a common flow as creatures of vibratory energy. Hopes that a reconnection with the ground of being will lead to a corresponding reconnection to the earth.

Genome Defence Initiative -- Constantine Ivanenko (7 pp) A response to the threat of psi-genetic weapons discussing reactions of concerned scientists and their research findings.