

Members' Articles

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Science

***A Science Toward the Limits** Emilios Bouratinos (34pp). A ground breaking paper on 'why consciousness studies are necessary for meeting the crisis of our civilisation, for deepening our understanding of the world and for helping us to re-discover what really matters and why'. Essential reading for all interested in the deeper implications of consciousness studies.

Holism and Field Theories in Biology Marco Bischof (21 pp, from J.J. Chang et al. (eds), Biophotons). Subtitled 'Non-molecular approaches and their relevance to biophysics,' this paper traces in detail the history of holism and biological field theory. Argues that such a holistic approach is a necessary counterpoint to the biomolecular tradition. Strongly recommended.

1) An Electromagnetic Basis for Inertia and Gravitation: What are the Implications for 21st Century Physics and Technology? 2) The Zero-Point Field and Inertia. 3) The Zero-Point Field and the NASA Challenge to Create the Space Drive Bernhard Haisch & Alfonso Rueda (24pp). Three recent technical papers on new ideas involving the zero-point field. One of the theoretical implications is that Newton's equation of motion can be derived from Maxwells¹ equations of electrodynamics, in that inertial mass is postulated not to be an intrinsic property of matter but rather a kind of electromagnetic drag force.

***The Information Energy Duality of the Universe** Frank W. Bell (16pp). A number of mathematically describable but difficult to conceive puzzles in quantum mechanics are considered and information theory is shown to be applicable when the universe is assumed to have information-energy duality. This is extended to an explanation of parapsychological phenomena.

Rethinking the Basis of Technology Jonathan Stromberg (7pp). A paper inviting the reader to take stock of the assumptions underlying technology. Recommends that real solutions to the environmental dilemma can only be developed through an expanded science and medicine uniting Western and Eastern knowledge leading to a technology working with rather than against nature. Discusses implosion, etheric energy, vibration, resonance and vortex technology. **Spirituality and Science: A Common Subtle Web?** Valery Poleskii (26 pp.). A personal assessment of the way forward in relating science and spirituality through an esoteric understanding. Develops the idea of a subtle web that forms the interface between the two.

Medicine/Health

Vitamin B6 Agricultural Committee (Fifth Report 7pp), Memorandum submitted by Tuula Tuormaa. Informative background document to the B6 controversy. The UK government subsequently rescinded its proposed ban on the sale of B6 supplements of over 10 mg. **Adverse Effects of Genito-urinary Infections with Particular Reference to Fertility and Pre-conceptional Care** Tuula E. Tuormaa (11pp from Journal of Nutritional Medicine, 1994, 4, 351-361). A review article principally dealing with Chlamydia trachomatis.

Adverse Effects of Alcohol on Reproduction - Tuula E. Tuormaa (13pp from Journal of Nutritional and Environmental Medicine, 1996, 6, 379-391). A literature review with particular emphasis on developmental disabilities and behavioural problems stemming from parental alcohol abuse.

The Adverse Effects of Lead - Tuula E. Tuormaa (13pp from Journal of Nutritional Medicine, 1995, 4, 449-461). An article considering effects of environmental lead contamination, especially on people planning parenthood, on the foetus and on young children. **Drug-induced Disease: the Awful Truth** Tuula E. Tuormaa (3pp from the International Journal of Alternative and Complementary Medicine, March 1998). An analysis of drug induced disease with some suggestions and solutions proposed.

Not All in the Mind Tuula E. Tuormaa (7pp from Action Against Allergy Essay Competition, 1997). A survey of allergies to foods and chemicals going back to the pioneering work of Dr. Theron Randolph and Dr. Richard MacKarness.

The Adverse Effects of Manganese Deficiency on Reproduction and Health: A Literature Review Tuula E. Tuormaa (6pp from Journal of Orthomolecular Medicine, 11,2, 1996). Covers all aspects of the topic. **The Adverse Effects of Food Additives on Health: A Review of the Literature with Special Emphasis on Childhood Hyperactivity** Tuula E. Tuormaa (11pp from Journal of Orthomolecular Medicine, 9,4, 225-243, 1994). Thorough coverage of the field. Another thorough review with some radical policy recommendations at the end.

The Light Information for Growth & Healing Trust Primrose Cooper (7pp Conference Report). A further report on the July Reading conference reported elsewhere in this issue by Ann Roden.

Reiki: Esoteric Therapy or Quantum Interaction? by Luca Barberis (10pp). Presented at the Cortona Continental Meeting. A wide ranging paper that considers the features of Reiki within a paradigm of energy medicine and the work on microtubules by Hameroff and Penrose.

The Role of Petitions and Litigation in the Transformation of Science and Medicine Doris M. Jones (11pp). Presented at the Warwick AGM. Deals with two petitions (one still in process, a 1997 petition calling for the rejection of the Royal College of Psychiatrists report on chronic fatigue syndrome. Plus two landmark judgments in respect of ME and RSI.

How The Past Can Affect us Now Dr. Kai Kermani (2pp, from Healing Today). Some fascinating case histories about the effects of the past even ostensible past lives in the case of one GP on our current health.

Psychoemotional State Forms Biochemical Composition of Human Saliva Igor Grigorjev (1pp). A study showing that the saliva protein spectrum with spiritual or altruistic consciousness differs from those with 'usual' consciousness and again from those with strong depression or excitement.

Psychology/Parapsychology

The Mental Moving of Flowers A Non-Local Mind Fluctuation Sensor Edmond Chouinard (19 pp.). A technical paper reporting a large series of experiments in which the mind is found to influence the movement of flowers, back and forth on their firmly held stems over

distances of a micron or two, in accordance with wilful determinations and/or associated visualisations. See also Edmond's web site on <http://members.aol.com/edmeasure>

'Reasonable Assumptions' for the creation of a 'Simple Model' to enhance understanding humans...ourselves Harold Van Colle (5pp). The latest version of Harold's model that has been discussed and refined on the consciousness discussion list. The aim is to provide a model that might be of some use to Mr and Mrs Everyman.

The Out-of-Body Experience: a Phenomenological Categorization Vernon M. Neppe (from PJSA, 7pp). An in depth classification of features of the OBE.

Wolfgang Pauli and the Chinese Anima-Figure Herbert van Erkelens (18pp., to appear in Eranos Yearbooks 68). Describes an epic inner encounter in the life of Wolfgang Pauli that never quite bears fruit, but the account of the process is fascinating.

General

Globalization and the Fate of the Nation-State Dr. Robert Muller (24pp). Subtitled 'The Next Development of the International System; the Absolute, Urgent Need for Proper Earth Government', this paper was presented at the International Roundtable of the Gorbachev Foundation, the Club of Budapest and the Grauso Foundation. A magisterial overview of our current situation in the light of developments over the last fifty years since the author has been involved in the UN. Outlines a way forward and proposes a number of fundamental conferences to deliberate on the shape of government in the next century.

Two Thousand Ideas for a Better World; A Count-up to the year 2000 Dr. Robert Muller (6pp). Excerpts about ethics from Robert's daily inspirations that includes a declaration of human duties. Enquiries about the books to Gaughen Global Public Relations on email: Barbara@rain.org

Human Values and Capitalism Henryk Skolimowski (from World Affairs 15pp). An essay analysing the relationship between human values and capitalism, arguing that Western modes of economic models are hidden vehicles of violence. Envisages that we can 'create together patterns of cooperative behaviour, whereby the spiritual nature of the human will flourish'.

The Rose Flower Another Science, Another Medicine - William Arkle (1pp). A short reflection on the nature of a rose and the intelligence that may lie behind it also the importance of the way in which we approach contemplation or art if we are to establish contact with our deeper 'feeling-knowing' mind.

*** Indicates that the paper is also available on the web.**