

The Physics of Collective Consciousness

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Abstract

ABSTRACT: It is pointed out that the organisation of an organism necessarily involves fields which are the only means to make an approximately simultaneous tuning of the different subsystems of the organism-as-a-whole. Nature uses the olfactory fields, the acoustic fields, the electromagnetic fields and quantum-vacuum fields. Fields with their ability to comprehend the whole organism are the natural basis of a global interaction between organisms and of collective consciousness. Evidences are presented that electromagnetic potential fields mediate the collective field of consciousness. This result offers for the first time experimental access to the study of collective consciousness by measuring the field-related information-carrying potentials and their derivatives, the electric and magnetic fields between different individuals. The electrodynamic interaction of different brains/minds generates induction and in this way excitement, enhancement in the baseline of the interacting brains' activity. A list of empirical evidences is presented here proving the existence of this 'interactive excitement' effect in the known phenomenon of collective consciousness. The fundamental phenomenon of the collective consciousness is known as 'social facilitation' or 'group effect'. The character and completion of consciousness are outlined in the frame of this picture, and the role of the 'group effect' or 'social facilitation' as a primary factor in developing consciousness is described. A quantum-physical model of a multi-layered consciousness is presented, where the layering is expressed by the subsequent subtlety of the masses of the material carriers of information. I show that as the mental levels get deeper and more sensitive the couplings are on more and more global scales of their environment. I point out that direct, immediate action in distance actually exists in the electromagnetic field, which is the coupling, mediator field between waves and particles. I show how the environmental, natural and cosmic fields are determinative sources of our consciousness. The results presented point out that the Collective Field of Consciousness is a significant physical factor of the biosphere. I show that the morphogenetic field has an electromagnetic (EM) nature. EM fields are vacuum fields. Different basic forms of vacuum fields exist, and all kinds of fields, including the particle-mediated fields as well, when overlapping each other, seem to be in a direct resonant coupling, and form a complex, merged biofield. The vacuum model of consciousness presented here points to the inductive generation of consciousness, and to its self-initiating nature. Individual and collective methods, as well as the experimental possibilities of a global healing and improving the consciousness field of mankind are suggested.

Keywords: olfactory, acoustic, electromagnetic, vacuum fields, generation of consciousness, evolution of collective consciousness, social evolution, completion of consciousness, healing

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