

Human Evolution Through *Informational Adaptations* to the Solar Context. Problems of Biocosmological Anthropology

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Abstract

This paper contains the following sections: **A)** A presentation of our ideas and models about evolution and informational adaptation, placing the human being within the cosmic context where it belongs, and with which it coexists; **B.** A synthesis of our results on the electrographic investigation of hands and soles which has helped us to establish bioelectrical typologies; **C.** A synthesis of our research on physiological intracranial calcification; **D.** Arguments in favour of the role of homeostasis (informational cybernetics process) in evolutionary adaptation to the bioelectrical (electromagnetic field) and geophysical (gravitation) cycles of the Earth in *our especial solar context and our dependence on the cosmic evolutionary context (cosmic radiation)*.

Key words: *solar context, bioelectrical typology, pineal calcification, informational adaptation, Biocosmological anthropology*

Introduction

In the study of human evolution and adaptation, it is essential to emphasise the effects of the Earth's continuous cyclical movements in space, in the cosmic context, *upon our everyday existence*. The biological, psychological and socio-cultural temporal coordinates of human life are all dominated by a cyclical calendar structure (days, months, seasons and years) which is based on fundamental cosmic factors such as the daily rotation of the Earth, satellite rotation (the Moon and the geophysical context) and the annual rotation around the Sun (the solar context). This paper presents an argument for the importance of extending the concept of 'environment' in Anthropology, to encompass the following facets or subdivisions which have never ceased to impact upon human existence: *the cosmic evolutionary context, the cyclical solar context, the cyclical geophysical context, and the bio-psycho-socio-cultural cyclical context*. The motivation behind this study, therefore, when analyzing the course of human evolution, society and culture, is to include in the *fundamental anthropological modelling factors*, the *variability of the cosmic factors: i.e., our permanent*