

PHILOSOPHY OF NATURE TODAY

Guest Editor — Włodzimierz Ługowski

Editor's Note — Philosophy of Nature Rebuilt Anew (*Małgorzata Czarnocka*) ... 5
Włodzimierz Ługowski — Philosophy of Nature Today. Introductory Remarks 7

META-PHILOSOPHY OF NATURE TODAY

Viacheslav S. Stiepin — Philosophy of Nature and Post-Nonclassical Rationality 15
Andrzej Łukasik — Atomism Today. Classical and Quantum Concepts
of Elementary Particles 31
Helena Knyazeva, Sergey P. Kurdyumov — Synergetics: New Universalism
or Natural Philosophy of the Age of Post-Nonclassical Science? 39
Danuta Sobczyńska — Goethe and Ostwald. *Die Farbenlehre* in the
Interpretation of an Artist and a Scientist 61
Lidia V. Fesenkova, Aleksandr V. Pankratov — The Noospheric Mode
of Thinking and Modern Philosophy of Nature 75
Teresa Kwiatkowska — The Natural. So Ambiguous a Word 87

NATURE AND HUMAN VALUES

Boris G. Yudin — Understanding Human Being. Constructivism *versus*
Naturalism 101
Andrzej Elżanowski — Toward a Scientific Axiology of Life 115
Igor K. Liseev — Nature in Modern Philosophical Discourse 123
Teresa Kwiatkowska, William Forbes — “It Is Better to Light a Candle than
Curse the Darkness”. Voices of Nature and Human Responses 133
Ekaterina V. Petrova — The Adaptation of Man as a Socio-Natural Problem ... 151
Piotr Kendziorek — The Biologistic Legitimization of Social Doctrines 163

MATTER—LIFE—COGNITION

Stanisław Butryn — Has the Conception of the Quantum Origin of the Universe
an Absolute Character? 171
Jan Werszowiec Płazowski, Marek Suwara — The Ontology of Cognition 181
Andrzej Gecow — The Purposeful Information. On the Difference between
Natural and Artificial Life 191
Włodzimierz Ługowski — Progress or Crisis in the Origin-of-Life Studies?
A Philosophical Perspective 207
Marek Łagosz — Ockham's Razor and the Problem of Non-Existence—Modal
and “Economic” Aspects 219
Oleg E. Backsansky — The Biological Roots of Knowledge 227