

The
Dialectical
Biologist

Richard Levins and
Richard Lewontin

Dialectical Biologist

Richard Lewontin, Richard Levins



Dialectical Biologist:

The Dialectical Biologist Richard Levins, Richard Lewontin, 1987-03-15 Scientists act within a social context and from a philosophical perspective that is inherently political Whether they realize it or not scientists always choose sides This book explores the political nature of scientific inquiry advancing its argument within the framework of Marxist dialectic

Prolegomena to Any Future Materialism Adrian Johnston, 2019-09-15 Adrian Johnston's trilogy *Prolegomena to Any Future Materialism* aims to forge a thoroughly materialist yet antireductive theory of subjectivity In this second volume *A Weak Nature Alone* Johnston focuses on the philosophy of nature required for such a theory This volume is guided by a fundamental question How must nature be rethought so that human minds and freedom do not appear to be either impossible or inexplicable within it Asked differently How must the natural world itself be structured such that sapient subjects in all their distinctive peculiarities emerged from and continue to exist within this world In *A Weak Nature Alone* Johnston develops his transcendental materialist account of nature through engaging with and weaving together five main sources of inspiration Hegelian philosophy Marxist materialism Freudian Lacanian metapsychology Anglo American analytic neo Hegelianism and evolutionary theory and neurobiology Johnston argues that these seemingly but not really strange bedfellows should be brought together so as to construct a contemporary ontology of nature Through this ontology nonnatural human subjects can be seen to arise in an immanent bottom up fashion from nature itself

Global Rhetorics of Science Lynda C. Olman, 2023-09-01 With this volume the field of rhetoric of science joins its sister disciplines in history and philosophy in challenging the dominance of Euro American science as a global epistemology The discipline of rhetoric understands world making and community building as interdependent activities that is if we practice science differently we do politics differently and vice versa This wider aperture seems crucial at a time when we are confronted with the limitations of Euro American science and politics in managing global risks such as pandemics and climate change particularly in our most vulnerable communities The contributors to this volume draw on their familiarity with a wide range of global scientific traditions from Australian Aboriginal ecology to West African medicine to Polynesian navigation science to suggest possibilities for reconfiguring the relationship between science and politics to better manage global risks These possibilities should not only inspire scholars in rhetoric and technical communication but should also introduce readers from science and technology studies to some useful new approaches to the problem of decolonizing scenes of scientific practice around the world

Natural Born Monads Andrea Altobrando, Pierfrancesco Biasetti, 2020-10-12 We are still looking for a satisfactory definition of what makes an individual being a human individual The understanding of human beings in terms of organism does not seem to be satisfactory because of its reductionistic flavor It satisfies our need for autonomy and benefits our lives thanks to its medical applications but it disappoints our needs for conscious and free self determination For similar reasons i.e. because of its anti libertarian tone an organicistic understanding of the relationship between individual and society has also

been rejected although no truly satisfactory alternative for harmonizing individual and social wellness has been put forth. Thus a reassessment of the very concepts of individual and organism is needed. In this book the authors present a specific line of thought which started with Leibniz's concept of monad in the 17th century, continued through Kant and Hegel, and as a result reached the first Eastern country to attempt to assimilate as well as confront with Western philosophy and sciences in Japan. The line of thought we are tracing has gone on to become one of the main voices in current debates in the philosophy of biology as well as philosophical anthropology and social philosophy. As a whole, the volume offers a both historical and systematic account of one specific understanding of individuals and their environment which tries to put together its natural embedding as well as its dialectical nature. Such a historical systematic map will also allow to better evaluate how life sciences impact our view of our individual lives, of human activities, of institutions, politics, and finally of humankind in general.

The Dialectics of Ecology John Bellamy Foster, 2024-04-01. Explores ecological socialism's potential against capitalist environmental degradation. Today the fate of the earth as a home for humanity is in question, and yet contends John Bellamy Foster the reunification of humanity and the earth remains possible if we are prepared to make revolutionary changes. As with his prior books, *The Dialectics of Ecology* is grounded in the contention that we are now faced with a concrete choice between ecological socialism and capitalist exterminism, and rooted in insights drawn from the classical historical materialist tradition. In this latest work, Foster explores the complex theoretical debates that have arisen historically with respect to the dialectics of nature and society. He then goes on to examine the current contradictions associated with the confrontation between capitalist extractivism and the financialization of nature on the one hand, and the radical challenges to these represented by emergent visions of ecological civilization and planned degrowth on the other. The product of contemporary ecosocialist debates, *The Dialectics of Ecology* builds on earlier works by Foster including *Marx's Ecology* and *The Return of Nature*, aimed at the development of a dialectical naturalism and the formation of a path to sustainable human development.

Biology Under the Influence Richard Lewontin, Richard Levins, 2007-11-01. How do we understand the world? While some look to the heavens for intelligent design, others argue that it is determined by information encoded in DNA. Science serves as an important activity for uncovering the processes and operations of nature, but it is also immersed in a social context where ideology influences the questions we ask and how we approach the material world. *Biology Under the Influence: Dialectical Essays on the Coevolution of Nature and Society* breaks from the confines of determinism, offering a dialectical analysis for comprehending a dynamic social and natural world. In *Biology Under the Influence*, Richard Lewontin and Richard Levins provide a devastating critique of genetic determinism and reductionism within science, while exploring a broad range of issues including the nature of science, biology, evolution, the environment, public health, and dialectics. They dismantle the ideology that attempts to naturalize social inequalities, unveil the alienation of science and nature, and illustrate how a dialectical position serves as a basis for grappling with historical developments and a world characterized by change. *Biology*

Under the Influence brings together the illuminating essays of two prominent scientists who work to demystify and empower the public's understanding of science and nature

Science for the People, 1988

Dialectical Social Science in the Age of Complexity Ian Trevor King, 2001 This study places dialectical thinking theory and method on a solid scientific footing with respect to the contemporary sciences of holistic relationism and offers a competing even superior philosophy of social science to the mainstream version of positivistic behaviourism It also indicates ways in which a dialectical holistic relational social science will help to shape a more democratic humane style of politics and public policy It subjects mainstream social science to wholesale reorientation and in doing so offers a valid prescription for a post positivistic post behaviourist social science that is scientifically grounded

The Philosophical Review Jacob Gould Schurman, James Edwin Creighton, Frank Thilly, Gustavus Watts Cunningham, 1930 An international journal of general philosophy

Science John Michels, 1903

The Anglo-Marxists Edwin A. Roberts, 1997 In this book Edwin Roberts provides a comparative intellectual history of the development of Marxist theory in Great Britain concentrating on the years between the Great Depression and the Cold War Roberts argues that during this period there developed among university educated intellectuals a distinctively Anglicized form of Marxist theory that prefigured the analytical Marxism so prominent in the English speaking world today Roberts important book explores this school_a precursor to contemporary analytical Marxism_examining key figures such as Haldane and Bernal and providing readers with a compelling argument for the significance of Anglo Marxism in the tradition of Marxist thought

Encyclopedia of Case Study Research: L - Z Albert J. Mills, Gabrielle Durepos, Elden Wiebe, 2010

The Science Teachers Bulletin, 1989

Defenders of the Truth Ullica Christina Olofsdotter Segerstråle, 2000 An insightful look at the sociobiology debate and what it tells readers about the nature of science and its roll in society Defenders of the Truth will appeal to all those who enjoy a behind the scenes peek at modern science

Bharatiya Samajik Chintan, 2005

The American Naturalist, 1995

Contemporary Authors New Revision Series, 2001-08 In response to the escalating need for up to date information on writers Contemporary Authors New Revision Series brings researchers the most recent data on the world's most popular authors These exciting and unique author profiles are essential to your holdings because sketches are entirely revised and up to date and completely replace the original Contemporary Authors entries For your convenience a soft cover cumulative index is sent biannually While Gale strives to replicate print content some content may not be available due to rights restrictions Call your Sales Rep for details

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Environmental Ethics, 2000

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pressure drop of example 1 was 1 psig find the proper size tubing step 1

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web may 26 2022 define a pipeline flowing system to begin the calculation as an example if water has to be pumped through
a 2 inch schedule 40 polyvinyl chloride pvc pipe from a well to a pond 400 feet away calculate how many gpm the system is

delivering

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web about 6 f s flow velocity also suction side of pump assume average pressure 20 100psi about 12 f s flow velocity assume high pressure peak flow about 18 f s flow velocity pipe size sch 40 i d range o d gpm w min psi loss noise gph w min psi loss noise gpm w min psi loss noise gph w min psi loss noise gpm