

2nd Altenberg Workshop in Theoretical Biology 1997

**EVOLUTIONARY NATURALISM:
BIOEPISTEMOLOGY AND THE CHALLENGE OF
DEVELOPMENT AND SOCIALITY**

4.-7. June 1997

organized by Werner Callebaut and Karola Stotz

Program

Rupert **Riedl** (Konrad Lorenz Institute)
Welcome Address

Fritz **Stadler** (Universität Wien)
Mach, Boltzmann, and the Vienna Circle: Naturalism in the Context of Logical Empiricism

Steve **Fuller** (University of Durham)
What Can the Conflict Between Positivism and Pragmatism Teach Us About the Contemporary Viability of Evolutionary Naturalism?

I: Evolutionary Epistemology Unified "From the Amoeba to Einstein": Philosophy as Continuous with Science

Werner **Callebaut** (Konrad Lorenz Institute) and Karola **Stotz** (Konrad Lorenz Institute)
Keynote address; Evolutionary Naturalism and the Challenge of Cognitive Development and Sociality

Ronald N. **Giere** (University of Minnesota)
Methodological Naturalism

II: Evolutionary Naturalism: A Plausible Candidate for an Integral Epistemology?

Massimo **Stanzione** (Università di Salerno)
Open Questions in Evolutionary Epistemology: Reduction and/or Supervenience

Robert J. **Richards** (University of Chicago)
Darwin's Romantic Biology

Linnda R. **Caporael** (Rensselaer Polytechnic Institute)
Expanding the Functional Unit

III: The Konrad Lorenz Legacy

Robert J. **Richards** (University of Chicago)
The Foundations of Konrad Lorenz's Evolutionary Theory of Behavior

Rupert **Riedl** (Konrad Lorenz Institute)
Personal Reminiscences of Konrad Lorenz

IV: Developmental Perspectives on Evolution

Robert J. **Richards** (University of Chicago)
Darwin's Use of von Baer for Recapitulation Theory

Gerd B. **Müller** (University of Vienna & Konrad Lorenz Institute)
Evolutionary Structuralism and the Concept of Burden

Robert C. **Richardson** (University of Cincinnati)

Generative Entrenchment and the Developmental Lock Model

Paul E. **Griffiths** (University of Otago)
Biology without Boundaries: Beyond Interaction and Constraint

V: Social Conditions of Cognition

Linnda R. **Caporael** (Rensselaer Polytechnic Institute)
The Descent of Knowledge

Ludwig **Huber** (University of Vienna)
At the Core of Evolutionary Epistemology: Animal Learning and the Evolution of Cognition

Hans G. **Furth** (Catholic University of America)
The Societal and Libidinal Nature of Object (=Mental) Knowledge in Human Development

VI: Comprehensive Evolutionary Naturalism

Ludwig **Grillich** (Konrad Lorenz Institute)
The View from Psychology

Werner **Callebaut** (Konrad Lorenz Institute)
The View from Philosophy

W. D. **Christensen** and C. A. **Hooker** (University of New South Wales)
The Organization of Knowledge: An Autonomy-Theoretic Critique of Evolutionary Epistemology

William C. **Wimsatt** (University of Chicago)
Generative Entrenchment and the Evolution of Complexity in Scientific Systems

James R. **Griesemer** (University of California, Davis)
False (Evolutionary) Models as Means to a Robust Synthesis
