

Everything Flows: Towards a Processual Philosophy of Biology

Daniel J. Nicholson & John Dupré (eds.)

Foreword

Johannes Jaeger (*KLI*)

Part I: Introduction

1. A Manifesto for a Processual Philosophy of Biology

John Dupré (*Exeter*) & Daniel J. Nicholson (*Exeter*)

Part II: Metaphysics

2. Processes and Precipitates

Peter Simons (*Trinity College Dublin*)

3. Dispositionalism: A Dynamic Theory of Causation

Rani Lill Anjum (*NMBU*) & Stephen Mumford (*Durham & NMBU*)

4. Biological Processes: Criteria of Identity and Persistence

James DiFrisco (*KLI*)

5. Genidentity and Biological Processes

Thomas Pradeu (*Bordeaux*)

6. Ontological Tools for the Process Turn in Biology: Some Basic Notions of *General Process Theory*

Johanna Seibt (*Aarhus*)

Part III: Organisms

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Daniel J. Nicholson (*Exeter*)

8. Objectcy and Agency: Towards a Methodological Vitalism

Denis Walsh (*Toronto*)

9. Symbiosis, Transient Biological Individuality, and Evolutionary Processes

Frédéric Bouchard (*Montréal*)

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Argyris Arnellos (*San Sebastián*)

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Paul Griffiths (*Sydney*) & Karola Stotz (*Macquarie*)

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Flavia Fabris (*Exeter*)

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Laura Nuño de la Rosa (*San Sebastián*)

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Eric Baptiste (*Pierre and Marie Curie University*) & Gemma Anderson (*University of the Arts*)

Part V: Implications and Applications

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Stephan Guttinger (*Exeter*)

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Marta Bertolaso (*University Campus Bio-Medico*) & John Dupré (*Exeter*)

17. Measuring the World: Olfaction as a Process Model of Perception

Ann-Sophie Barwich (*Columbia*)

18. Persons as Biological Processes: A Bio-Processual Way Out of the Personal Identity Dilemma

Anne Sophie Meincke (*Exeter*)