

ARISTOTLE: ON GENERATION AND CORRUPTION BOOK II

Aristotle: On Generation and Corruption Book II is concerned with Aristotle's theory of the elements, their reciprocal transformations, and the cause of their perpetual generation and corruption. These matters are essential to Aristotle's picture of the world, making themselves felt throughout his natural science, including those portions of it that concern living things. What is more, the very inquiry Aristotle pursues in this text, with its focus on definition, generality, and causation, throws important light on his philosophy of science more generally. This volume contains eleven new essays, one for each of the chapters of this Aristotelian text, plus a general introduction and an English translation of the Greek text. It gives substantial attention to an important and neglected text and highlights its relevance to other topics of current and enduring interest.

PANOS DIMAS is Professor of Philosophy at the University of Oslo. He was the director of the Norwegian Institute at Athens and chairs the Board of the Plato Dialogue Project (PDP), for which he coedited the first two volumes, on the *Philebus* and the *Statesman*. He is currently working on a bigger project on Plato's ethics.

ANDREA FALCON is Professor Emeritus in the Department of Philosophy at Concordia University, Montreal, and currently teaches in the Department of Philosophy at the University of Milan. His books include Aristotle and the Science of Nature: Unity without Uniformity (Cambridge University Press, 2005) and Aristotelianism in the First Century BCE: Xenarchus of Seleucia (Cambridge University Press, 2012). He is the editor of the Brill's Companion to the Reception of Aristotle in Antiquity (2016) and has coedited (with David Lefebvre) Aristotle's Generation of Animals: A Critical Guide (Cambridge University Press, 2017) and (with Stasinos Stavrianeas) Aristotle on How Animals Move: The De incessu animalium: Text, Translation, and Interpretative Essays (Cambridge University Press, 2021).

SEAN KELSEY is an associate professor in the Department of Philosophy at the University of Notre Dame. He is the author of *Mind and World in Aristotle's* De Anima (Cambridge University Press, 2021).





ARISTOTLE: ON GENERATION AND CORRUPTION BOOK II

Introduction, Translation, and Interpretative Essays

EDITED BY
PANOS DIMAS

University of Oslo

ANDREA FALCON

Concordia University and University of Milan

SEAN KELSEY

University of Notre Dame







Shaftesbury Road, Cambridge CB2 8EA, United Kingdom
One Liberty Plaza, 20th Floor, New York, NY 10006, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India
103 Penang Road, #05–06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of Cambridge University Press & Assessment, a department of the University of Cambridge.

We share the University's mission to contribute to society through the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org Information on this title: www.cambridge.org/9781009239981

DOI: 10.1017/9781009239936

© Cambridge University Press & Assessment 2022

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press & Assessment.

First published 2022

A catalogue record for this publication is available from the British Library.

ISBN 978-1-009-23998-1 Hardback

Cambridge University Press & Assessment has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.



Contents

List List Note Prefa List	<i>page</i> vii viii ix xiii xiv	
PAR	T I INTRODUCTION AND INTERPRETATIVE ESSAYS	
I	On Generation and Corruption II: An Introduction Andrea Falcon	3
2	On Generation and Corruption II 1 Timothy Clarke	22
3	On Generation and Corruption II 2 Stasinos Stavrianeas	39
4	On Generation and Corruption II 3 Emily Katz	59
5	On Generation and Corruption II 4 Margaret Scharle	79
6	On Generation and Corruption II 5 Mary Krizan	105
7	On Generation and Corruption II 6 Christopher Frey	126
8	On Generation and Corruption II 7 Andreas Anagnostopoulos	151
9	On Generation and Corruption II 8 Andrea Falcon	178



vi	Contents	
10	On Generation and Corruption II 9 Panos Dimas	192
ΙΙ	On Generation and Corruption II 10 Spyridon Rangos	216
12	On Generation and Corruption II 11 Sean Kelsey	243
PAR	RT II TRANSLATION	
13	Aristotle: On Generation and Corruption Book II	261
References		281
Subject Index		289
Index of Passages		291



Figures

5.I	First mechanism example cycle	<i>page</i> 83
5.2	First mechanism unidirectional reverse cycle	85
5.3	Second mechanism changes [1] and [2]	87
5.4	Second mechanism entwined cycles	88
5.5	Example of first mechanism cycle	90
5.6	Second mechanism entwined cycles	90
5.7	Third mechanism first phase	95
5.8	Third mechanism second phase	96
5.9	Third mechanism first phase	97
5.10	Third mechanism second phase	98
5.11	Third mechanism cycle both phases	98
5.12	Second mechanism entwined cycles	99
5.13	Third mechanism impossible pairing	102
5.14	Third mechanism impossible pairing	102



Tables

3.I	The various senses of moist and dry	page 57
5.1	Impossible third mechanism example case	100
6. ₁	Adding two bodies and contrarieties	115
6.2	The arrangement of bodies	116
6.3	Contrarieties represented as numbers	120



Notes on Contributors

ANDREAS ANAGNOSTOPOULOS is Akademischer Rat and a member of the Munich School of Ancient Philosophy (MUSAPh) at Ludwig Maximilians Universität. He has published on Aristotle's natural philosophy, metaphysics, and psychology. His work has appeared in *Oxford Studies in Ancient Philosophy*; *Phronesis*; and *Archiv für Geschichte der Philosophie*.

TIMOTHY CLARKE is Associate Professor of Philosophy at the University of California, Berkeley. He is the author of *Aristotle and the Eleatic One* (Oxford University Press, 2019). His articles include "The Argument from Relatives" (*Oxford Studies in Ancient Philosophy*, 2012) and "Aristotle and the Ancient Puzzle about Coming to Be" (*Oxford Studies in Ancient Philosophy*, 2015).

PANOS DIMAS is Professor of Philosophy at the University of Oslo, Norway. He has published on Plato, Aristotle, and Epicurus. He chairs the Steering Board of the Plato Dialogue Project (PDP) and has coedited the first two PDP volumes, on the *Philebus* and the *Statesman*, published by Oxford University Press. He is currently working on a project on Plato's ethics and a project on divisibility of magnitude in ancient thought.

ANDREA FALCON is Professor Emeritus at Concordia University, Montreal, Canada. He is currently teaching at the University of Milan, Italy. He is the author of several books on Aristotle and the Aristotelian tradition, including Aristotle and the Science of Nature: Unity without Uniformity (Cambridge University Press, 2005) and Aristotelianism in the First Century BCE: Xenarchus of Seleucia (Cambridge University Press, 2012). He is the editor of the Brill's Companion to the Reception of Aristotle in Antiquity (2016). He has coedited (with David Lefebvre) Aristotle's Generation of Animals: A Critical Guide (Cambridge University Press, 2017) and (with Stasinos Stavrianeas) Aristotle on How



v

Notes on Contributors

Animals Move. The De incessu animalium: Text, Translation, and Interpretative Essays (Cambridge University Press, 2021).

CHRISTOPHER FREY is Associate Professor in the Philosophy Department at the University of South Carolina. He received his PhD in philosophy at the University of Pittsburgh. His work in the history of ancient Greek philosophy focuses primarily on Aristotle's natural philosophy; he also publishes in contemporary philosophy of mind and action. His work has appeared in Ancient Philosophy, Oxford Studies in Ancient Philosophy, Phronesis, Philosophy and Phenomenological Research, and many other venues. He is currently writing a book about Aristotle's concept of life, titled The Principle of Life: Aristotelian Souls in an Inanimate World.

EMILY KATZ is Assistant Professor of Philosophy at Michigan State University. Her principal research interests are ancient Greek philosophy and mathematics, particularly Aristotle's physics, epistemology, natural science, and philosophy of mathematics. Her published articles reconstruct Aristotle's philosophies of geometry and arithmetic and rehabilitate several underexamined or underappreciated texts such as *Rival Lovers* (traditionally attributed to Plato) and *Metaphysics* Books N and M.

SEAN KELSEY is Rev. John O'Brien Associate Professor of Philosophy at the University of Notre Dame. He has published on Plato and (especially) Aristotle, including, most recently, *Mind and World in Aristotle's* De anima (Cambridge University Press, 2022).

MARY KRIZAN is Assistant Professor of Philosophy at Bilkent University. She is primarily interested in Aristotle's theory of matter as it appears within his natural philosophy. Her papers have appeared in Oxford Studies in Ancient Philosophy, Journal of the History of Philosophy, Ancient Philosophy, and History of Philosophy Quarterly. She is currently working on a book on Aristotle's material elements.

SPYRIDON RANGOS is Professor of Greek Literature and Philosophy at the University of Patras, Greece. Recent papers include "*De incessu animalium* 12–13: Limb-Bending and Natural Teleology" (in A. Falcon and S. Stavrianeas, eds., *Aristotle on How Animals Move*, Cambridge University Press, 2021) and "Chance Encounters and Abrupt Endings: On the Preludes and Closures of Plato's Third Thrasyllan Tetralogy" (in



Notes on Contributors

хi

E. Kaklamanou, M. Pavlou, and A. Tsakmakis, eds., Framing the Dialogues: How to Read Openings and Closures in Plato, Brill, 2021).

MARGARET SCHARLE is Professor of Philosophy and Humanities at Reed College, Oregon. She works in ancient philosophy, with special interest in Aristotelian natural philosophy. Her papers have appeared in *Oxford Studies in Ancient Philosophy*; *Phronesis*; *Apeiron*; as well as several edited volumes.

STASINOS STAVRIANEAS is Assistant Professor in the Philosophy Department at the University of Patras. He has published papers on Aristotelian natural science and biology. His articles include "Spontaneous Generation in Aristotle's *Generation of Animals*" (*Rhizai*, 2009) and "Nature as Principle of Change" (in M. Leunissen, ed., *Physics: A Critical Guide*, Cambridge University Press, 2015). He is the author of a Modern Greek translation with commentary of Aristotle's *Parts of Animals* and coeditor (with Andrea Falcon) of *Aristotle on How Animals Move. The* De incessu animalium: *Text, Translation, and Interpretative Essays* (Cambridge University Press, 2021).





Preface

The volume originated in a workshop on Aristotle's Generation and Corruption II held at the Anargyrios and Korgialenios School of Spetses on July 3-9, 2016. This workshop was made possible by funding from the Philosophy Department at the University of Oslo, which we would like to thank for its generous support. The participants were (in alphabetical order) Andreas Anagnostopoulos, Timothy Clarke, Panos Dimas, Christopher Frey, Emily Katz, Sean Kelsey, Mary Krizan, Spyridon Rangos, Margaret Scharle, and Stasinos Stavrianeas. The group divided its work into ten two-hour sessions; each participant was assigned a chapter to present (in one case, two chapters); most presenters distributed translations of their assigned chapter or substantial portions thereof; and each presentation was followed by an extensive discussion. The quality of the presentations, and of the discussions they facilitated, was agreed to be high, so the idea was floated around of producing a volume, including a translation based on the critical edition of the Greek text established by Marwan Rashed (2005). The group was keen and agreed to proceed.

The spirit is willing, but the flesh is weak; we were fortunate, then, when in March 2018 we had the brilliant idea of asking Andrea Falcon to join us as coeditor, and more fortunate still when he agreed. The project would not have been completed without his dedication, energy, and professionalism.

We would also like to thank Andreas Anagnostopoulos and Laura Castelli, who organized a research workshop on Aristotle's *Generation and Corruption* II at the Ludwig Maximilian Universität in Munich on January 7–8, 2020, where the introduction to the volume and two other essays were presented and discussed.

Panos Dimas and Sean Kelsey

xiii



Cambridge University Press & Assessment

978-1-009-23998-1 — Aristotle: On Generation and Corruption Book II

Edited by Panos Dimas , Andrea Falcon , Sean Kelsey

Frontmatter

More Information

Abbreviations

Aristotle

APo	Analytica posteriora	Posterior Analytics
APr	Analytica priora	Prior Analytics
DA	De anima	On the Soul
DC	De caelo	On the Heavens
GA	De generatione animalium	Generation of Animals
GC	De generatione et corruptione	Generation and Corruption
HA	De historia animalium	History of Animals
IA	De incessu animalium	On the Progression of Animals
Juv.	De juventute et senectute	On Youth and Old Age
Long.	De longitudine et brevitate vitae	On the Length and Shortness of Life
MA	De motu animalium	On the Motion of Animals
Mem.	De memoria	On Memory
Meta.	Metaphysica	Metaphysics
Meteor.	Meteorologica	Meteorology
PA	De partibus animalium	Parts of Animals
Phys.	Physica	Physics
Poet.	De arte poetica	Poetics
Resp.	De respiratione	On Respiration
Sens.	De sensu et sensibilibus	On Sense and Sense Objects
Somn.	De somno et vigilia	On Sleep and Waking
Top.	Topica	Topics

[Aristotle]

MXG De Melisso Xenophane et Gorgia On Melissus, Xenophanes, and Gorgias

Philoponus

In GC In libros De generatione et On Aristotle's On Generation and Corruption

xiv



More Information

List of Abbreviations

XV

Plato

Tim. Timaeus Timaeus Phd. Phaedo Phaedo Phil. Philebus Philebus Theaet. Theaetetus Theaetetus

Simplicius

In DC In Aristotelis De caelo commentaria On Aristotle's On the

Heavens

In Phys. In Aristotelis Physicorum libros On Aristotle's Physics

commentaria

Further Abbreviation

DK H. Diels and W. Kranz, *Die Fragmente der Vorsokratiker*. Weidmann Verlag, Zurich 1951⁸

