Aestimatio Sources and Studies in the History of Science

Editors	Alan C. Bowen Institute for Research in Classical Philosophy and Science
	Francesca Rochberg University of California Berkeley
Book Review Editor	Stamatina Mastorakou Max Planck Institute for the History of Science
Publications Manager	Pamela A. Cooper Institute for Research in Classical Philosophy and Science
Associate Editors	Fabio Acerbi, CNRS, Paris
	Peter Barker, University of Oklahoma
	Jonathan Ben-Dov, Tel Aviv University
	Sonja Brentjes, Max Planck Institute for the History of Science
	Anne-Laurence Caudano, University of Winnipeg
	Serafina Cuomo, Durham University
	Eduardo A. Escobar, University of Bologna
	Y. Tzvi Langermann, Bar Ilan University
	Pamela O. Long, Washington, DC
	Clemency Montelle, University of Canterbury
	Franziska Naether, University of Leipzig
	Sophie Page, University College London
	John M. Steele, Brown University
	Émilie Villey, CNRS, Paris
Advisory Editors	Asad Q. Ahmed, University of California Berkeley
	Gad Freudenthal, CNRS, Paris
	Bernard R. Goldstein, University of Pittsburgh
	Richard Kieckhefer, Northwestern University
	Michael Lackner, Friedrich-Alexander University Erlangen-Nuremberg
	Maria Mavroudi, University of California Berkeley
	Robert G. Morrison, Bowdoin College
	Vivian Nutton, University College London
	Lawrence Principe, Johns Hopkins University
	Pamela H. Smith, Columbia University
	Anne Tihon, Université Catholique de Louvain
Copy-Editor and Proofreader	Megan O'Connor Institute for Research in Classical Philosophy and Science

Aestimatio ns 1 (2020) ISSN 1549-4497 (online) ISSN 1549-4470 (print) Date of Publication 30 Apr 2021

Copyright © 2021 by the authors, except where stated otherwise.

Aestimatio (new series) is owned and published by the Institute for Research in Classical Philosophy and Science (ircps.org).

Volumes 1 and 2 (two issues) will be freely accessible from the date of their publication. Starting with volume 3, all issues will be available online by subscription only for the first year after the date of their publication. After that year, they will be freely accessible. Volumes and issues will also be available through Print-on-Demand. For details, please go to ircps.org/aestimatio.

To receive notices of items just published in *Aestimatio*, readers may subscribe *gratis* to the IRCPS Bulletin at ircps.org.

Aestimatio: Sources and Studies in the History of Science was composed using $ConT_EXt$ and the typefaces STIX Two Text, STIX Two Math, IFAO-Grec Unicode, Scheherazade New, and STSong at the Institute for Research in Classical Philosophy and Science.

Aestimatio: Sources and Studies in the History of Science is distributed by EBSCO.

The IRCPS does not assess contributors to *Aestimatio* any fees for publication. Contributions submitted to *Aestimatio* for publication will be held in confidence, which will end only if and when the contribution is published.

Aestimatio Sources and Studies in the History of Science Alan C. Bowen and Francesca Rochberg, Editors Volume ns 1 (2020)

Contents

From the Editors	v
SOURCES	
Alan C. Bowen The Directions and Names of the Winds	1
STUDIES	
Levente László The Daimon in Hellenistic Astrology	21
Fabio Acerbi The Meaning of «ἑνὶ ὀνόματι» in the <i>Sectio canonis</i>	37
Stamatina Mastorakou Aratus' <i>Phaenomena</i> beyond Its Sources	55
Matjaž Vesel <i>Before Copernicus</i> and Copernicus	71
Sonja Brentjes Wilbur R. Knorr on Thābit ibn Qurra	113
Philip Thibodeau On Ancient Geometry	173
Satyanad Kichenassamy Translating Sanskrit Mathematics	183
Aldo Brigaglia Remarks on the Historiography of Mathematics	205
Paul T. Keyser Understanding the Science of Other Cultures	223

REVIEWS

David Lemler on Béatrice Bakhouche ed., <i>Science et exégèse</i>	243
Serena Connolly on Paul T. Keyser and John Scarborough edd., <i>The Oxford</i> Handbook of Science and Medicine	248
Luc Brisson on Christina Hoenig, <i>Plato's</i> Timaeus <i>and the Latin Tradition</i>	265
Darren Oldridge on Kathryn A. Edwards ed., <i>Everyday Magic in Early Modern Europe</i>	269
Stefan Bojowald on Victoria Altmann-Wendling, <i>MondSymbolik – MondWissen</i>	272
Damien T. Janos on Dag Nikolaus Hasse and Amos Bertolacci edd., <i>The</i> <i>Reception of Avicenna's Physics and Cosmology</i>	277
Books Received 2019-2020	285

iv

From the Editors

15 Dec 2020

The Institute for Research in Classical Philosophy and Science (IRCPS) is pleased to offer this inaugural volume, which marks a new beginning for *Aestimatio* now revised to become *Aestimatio*: *Sources and Studies in the History of Science.**

This new *Aestimatio* will focus, as before, on the history of science from antiquity up to the modern period. This chronological span, however, is to be complemented by an extended geo-cultural one that takes into account cultures in Eurasia and Africa, recognizing that the spread of the traditions of knowledge and of ideas is a unifying characteristic of the chronological and geo-cultural scope of science in the Old World before the modern era.

In *Aestimatio*, we take science broadly to be the goals, methods, knowledge, and practices in what is presented as science in the historical sources. Accordingly, this new series aims to make fundamental texts and ideas in the history of science accessible to readers today through the publication of original research. It will also include assessments of books recently published that allow reviewers to engage critically the methods and results of current research. On occasion, there will be guest-edited thematic issues and supplementary volumes.

We are most grateful to William R. Bowen (University of Toronto), Luis Meneses of ETCL (University of Victoria), and Megan O'Connor (IRCPS) for their invaluable help in making this publication possible. We also thank the members of the journal's editorial board for joining us in this new venture. Their support is deeply appreciated.

Alan C. Bowen and Francesca Rochberg

For further information about Aestimatio ns, please visit ircps.org.

* This particular volume draws in part on *Aestimatio: Critical Reviews in the History* of *Science* and *Interpretatio: Sources and Studies in the History of Science*, both of which are now discontinued. Our intention in reissuing items from these journals is to grant them the greater attention that they deserve.