

Contents

Acknowledgments VII

List of Illustrations VIII

Notes on Editors and Contributors x

Introduction 1

- 1 Sun and Stars: Astronomical Timekeeping in Ancient Egypt 14

Sarah L. Symons

- 2 The Ancient Egyptian Water Clock between Religious Significance and Scientific Functionality 52

Alexandra von Lieven and Anette Schomberg

- 3 Short Time in Mesopotamia 90

John Steele

- 4 Greco-Roman Sundials: Precision and Displacement 125

Alexander Jones

- 5 Cosmology and Ideal Society: the Division of the Day into Hours in Plato's *Laws* 158

Barbara M. Sattler

- 6 Diurnal Selves in Ancient Rome 184

James Ker

- 7 Time, Punctuality, and Chronotopes: Concepts and Attitudes Concerning Short Time in Ancient Rome 214

Anja Wolkenhauer

- 8 Short Time in Greco-Roman Astrology 239

Stephan Heilen

- 9 Hourly Timekeeping and the Problem of Irregular Fevers 271

Kassandra Jackson Miller

Index 293