Contents

Director's Remarks VII Michael W. Kwakkelstein Acknowledgements VIII List of Figures X Notes on Contributors XV

Introduction: The Material World and Its Limits 1 Guy Hedreen

- 1 Plato's Attitude toward Painting and Mathematics 19 Ernesto Paparazzo
- 2 The Vitruvian Body in *De architectura*'s Third Preface: Architecture and Rhetoric between Nature and Art 50 *Marden Fitzpatrick Nichols*
- 3 Cera d'api: la storia naturale di un *medium* archetipico 67 Verity Platt
- 4 'We Penetrate the Earth's Innards and Search for Riches': Pliny's Hierarchy of Materials and Its Influence in the Renaissance 90 Sarah Blake McHam
- 5 Moving Wood, Man Immobile: Hero's *Automata* at the Urbino Court 108 *Courtney Roby*
- 6 Terremoti artificiali. La sismologia aristotelica nella guerra sotterranea del Rinascimento 133 Morgan Ng
- 7 The Heptaphonon and the Architecture of Echoes 163 Carolyn Yerkes
- 8 A Changing Earth: Strabo and Leonardo's Scientific Humanism 180 Domenico Laurenza

- Into the Wild: Living Landscape and Wonderment in Renaissance Art 191 Dennis Geronimus
- 10 Botticelli's Venus and Mars, Lucretius and Empedocles 226 Gordon Campbell
- 11 *Fantasia* and Speciation: Traces of Empedocles in Ancient Poetry and Renaissance Art 250 *Guy Hedreen*

Coda: Temporality and the Reception of Ancient Culture: An Example from Dürer 273 *Guy Hedreen*

Index of Primary Literary Sources 297 Index of Works of Art 304 General Index 306

9