

Contents

Preface	James A. Weisheipl, OP	ix
Abbreviations		xiii
Introduction: Albertus Magnus and the Sciences		
	Edward A. Synan	1
1. The Life and Works of St. Albert the Great	James A. Weisheipl, OP	13
2. The Attitude of Roger Bacon to the <i>Scientia</i> of Albertus Magnus	Jeremiah M. G. Hackett	53
3. St. Albert and the Nature of Natural Science	Benedict M. Ashley, OP	73
4. Albertus Magnus on Suppositional Necessity in the Natural Sciences	William A. Wallace, OP	103
5. St. Albert on Motion as <i>Forma fluens</i> and <i>Fluxus formae</i>	Ernest J. McCullough	129
6. The Physical Astronomy and Astrology of Albertus Magnus	Betsy Barker Price	155
7. Albertus Magnus on Alchemy	Pearl Kibre	187
8. Albert on Stones and Minerals	John M. Riddle and James A. Mulholland	203
9. Albertus Magnus and Chemical Technology in a Time of Transition	Nadine F. George	235
10. Albert on the Psychology of Sense Perception	Nicholas H. Steneck	263
11. St. Albert, the Sensibles, and Spiritual Being	Lawrence Dewan, OP	291
12. Albertus Magnus' Universal Physiology: the Example of Nutrition	Joan Cadden	321
13. Albert on the Natural Philosophy of Plant Life	Karen Reeds	341
14. Albertus Magnus and Medieval Herbalism	Jerry Stannard	355

15. The Medical Learning of Albertus Magnus	Nancy G. Siraisi	379
16. Human Embryology and Development in the Works of Albertus Magnus	Luke Demaitre and Anthony A. Travill	405
17. Albertus Magnus on Falcons and Hawks	Robbin S. Oggins	441
18. Mathematics in the Thought of Albertus Magnus	A. G. Molland	463
19. The Commentary of Albert on Euclid's Elements of Geometry	Paul M. J. E. Tummers	479
20. Albert's Influence on Late Medieval Psychology	Katharine Park	501
21. Albert the Great and the <i>Studio Patavino</i> in the Late Fifteenth and Early Sixteenth Centuries	Edward P. Mahoney	537
Appendix 1. Albert's Works on Natural Sciences (<i>libri naturales</i>) in Probable Chronological Order		James A. Weisheipl, OP
		565
Appendix 2. Apostolic Letter of Pope Pius XII <i>Ad Deum</i> (16 December 1941)		578
Contributors		581
Bibliography		585
Index of Persons and Places		617
Subject Index		635
Index of Citations of Works Attributed to Albert		647
Index of Citations of Works of Albertus Magnus		648
Index of Manuscripts		658