Table of Contents

| Acknowledgements | 9 |
|---|-----|
| Introduction | 10 |
| Chapter 1 | |
| A Dialectical, Cosmological and Ontological Problem | . 7 |
| 1. 1 General introduction: 'one' and <i>the one</i> as a philosophical problem | 17 |
| 1.2 A dialectical problem | 21 |
| 1. 2.1 The fifth aporia | 21 |
| 1. 2.2 Dialectic and 'the dialecticians' | 24 |
| 1. 2.3 The field of 'the dialecticians' | 27 |
| 1. 2.4 Dialectical notions in Aristotle's dialectical writings | 31 |
| 1. 3 The ontological and the cosmological problem. The eleventh aporia | 37 |
| 1. 3.1 The philosophical background: notes on a debate about one and | |
| being | 37 |
| 1. 3.1.1 The cosmological problem and the one as a principle of | |
| being | 38 |
| 1. 3.1.2 One and being: the ontological problem | 40 |
| 1. 3.2 The nature of the one: the eleventh aporta | 43 |
| Chapter 2 | |
| The Solution to the aporial | |
| 2. 0 Introductory remarks | 49 |
| 2. 1 The solution to the fifth <i>aporia</i> | 50 |
| 2. 1.1 Sameness of one and being | 51 |
| 2. 1.2 The science of the opposites is one | 55 |
| 2. 1.3 Philosophy, dialectic and sophistic | 58 |
| 2. 1.4 One last argument to award the science of being qua being the | |
| enquiry into τὸ $εν$ and τὸ πλῆθος | 59 |
| 2. 2 The solution to the eleventh <i>aporia</i> and the nature of the one | 61 |
| 2. 2.1 τὸ ἕν as a universal (καθόλου) predicate (κατηγόρημα) | 61 |
| 2. 2.2 τ ò ε ν and τ ò $\ddot{\nu}$ as convertible predicates | 65 |
| 2. $3 \pm \delta$ $\xi \nu$ is said in many ways: a survey | 67 |
| 2. 3.0 Monadic and polyadic usage of 'one' | 68 |
| 2. 3.1 One per accidens and one per se | 70 |
| <i>u</i> , <i>s</i> , i one per acculents and one per se manufactures and one per se manufac | ,0 |



| 2. 3.3 Unity in movement and unity in thought in Met. X1 | 74 |
|---|----|
| 2. 3.4 One in matter and one in form | 74 |
| 2. 3.5 One in division and one in definition | 75 |
| 2. 3.6 One in quantity and one in quality | 77 |
| 2. 3.7 One in number, in species, in genus and by analogy | 78 |
| 2. 3.8 One in actuality and one in potentiality | 79 |
| 2. 3.9 What is said of one $(\kappa\alpha\theta' \notin \nu)$ and what is said with reference to | |
| one (πρός ἕν); primary and derivative forms of unity | 80 |

Chapter 3

Continuous Things, Wholes and Continuity as a Form of Unity 3. 1 Continuous things and wholes 84 3. 2 Continuity as a form of unity 86 3. 2.1 Continuous and whole in Met. V6 86 3. 2.2 Continuous and whole in Met. X1 90 3. 3 Continuous beings and the unity of movement 92 3. 3.1 Other accounts of continuity 92 3. 3.2 Unity of movement 94 3. 3.3 Ways of being one and ways of being one movement 98 3. 4 Continuous beings: continuity as the form of unity of simple natural bodies and parts of natural substances 100 3. 5 Continuity, divisibility, matter 105

Chapter 4

One as a Whole

| 4. 1 Nature of the whole and difference between $\pi \hat{\alpha} \nu$ and $\delta \lambda o \nu$ | 109 |
|--|-----|
| 4. 2 Questions of unity for natural substances | 113 |
| 4. 3 The unity of substances as ground for the unity of other beings: the | |
| unity of definition and some other examples | 122 |
| 4. 4 Being a whole as a way of being one and $\tau \delta \zeta \tilde{\omega} \sigma \nu$ as paradigmatic | |
| whole | 125 |
| 4. 4.1 The unity of the world | 127 |
| 4. 4.2 The unity of the <i>polis</i> | 128 |
| 4. 4.3 The unity of the tragedy | 133 |
| | |

Chapter 5

Different Kinds of Thing ($\pi\rho\hat{a}\gamma\mu a$): the Unity of Particulars and Universals

| 5. 0 Preliminary remarks | 138 |
|--|-----|
| 5. 1 Particular and universal: two ways of being one | 140 |
| 5. 2 The reasons for the distinction | 143 |
| 5. 2.1 Particulars, universals, words and νοήματα | 144 |

| 5. 2.2 Particulars, universals and scientific knowledge | 148 |
|---|-----|
| 5. 3 Numerical unity as the unity of particulars | 152 |
| 5. 4 Unity in species and unity of the species | 157 |
| 5. 5 Unity and analysis: different levels of 'simplicity' | 161 |
| 5. 5.1 Problems with universals | 162 |
| 5. 5.2 Problems with particulars | 164 |

Chapter 6

One, Indivisible, Measure

| 6. 0 Preliminary remarks | 168 |
|---|-------------|
| 6. 1 Being one: different levels of meaning | 169 |
| 6. 2 One as indivisible and one as measure | 176 |
| 6.3 Every being is one, but some are "more one" than others: which ones? | 182 |
| 6. 4 Quantities, the ontology of numbers and numerical predicates | 1 92 |
| 6.5 The trans-categorial extension of the one | 202 |
| 6. 6 The convertibility of one and being | 206 |
| 6.7 Further developments: one qua measure as ontological and ethical prin- | |
| ciple | 211 |
| | |

Chapter 7 Conclusions

| 7.1 Aristotle on the cosmological and the ontological problem: the unity of | |
|---|-----|
| beings and the unity of being | 215 |
| 7. 1.1 The ontological problem: in what sense is every being one? | 216 |
| 7. 1.2 The cosmological problem: how is the whole being one? | 221 |
| 7. 1.3 The one as principle of the contraries and as per se accident of | |
| being and substance? | 225 |
| 7.2 Aristotle and some aspects of the contemporary debates on the one | 226 |
| 7. 2.1 The nature of the one | 226 |
| 7. 2.2 Univocity of numbers and equivocity of being? | 230 |
| Appendices | 232 |

Appendix A

Dialectic of Sameness and Unity

| A. 1 Place and function of sameness in the Topics | 234 |
|--|-----|
| A. 1.1 The general form of problems of sameness | 236 |
| A. 1.2 The (lack of) qualification of the relata and the nature of same- | |
| ness | 239 |
| A. 1.3 The heuristic function of statements of sameness | 241 |
| A. 2 The topoi on sameness in Top. VII1 | 244 |
| A. 3 Dialectic in practice: some examples | 249 |

Appendix B Numerical Unity, Unity of Matter and Unity of the Substratum

| B. 0 The same in number/one in substratum and many in account | 259 |
|---|-----|
| B. 1 Numerical sameness in the <i>Topics</i> | 260 |
| B. 2 Accidental unity/sameness | 263 |
| B. 2.1 Met. V6, V9 | 263 |
| B. 2.2 <i>Phys.</i> 17 | 264 |
| B. 3 Some cases of non-accidental unity/sameness | 265 |
| B. 3.1 One and being in Met. IV2, X2 | 265 |
| B. 3.2 Act of the mover and act of the moved in Phys. III3 | 266 |
| B. 3.3 De an. III2 | 267 |
| B. 4 The ontology of what is one in substratum and two in account | 268 |
| B. 4.1 The nature of the 'substratum' | 268 |
| B. 4.2 The categorial and ontological relation between the two or more | |
| items which are the same in number/one in substratum | 269 |
| B. 5 Sameness, mutual implication and co-extensiveness | 275 |
| Bibliography | 279 |
| Index locorum | 293 |