

CONTENTS

PREFACE	<i>page ix</i>
1 COMMON SENSE: ITS SCOPE AND LIMITS	1
Introduction	1
PART I FOLKBIOLOGY	15
2 FOLKTAXONOMY	17
2.1 In the beginning	17
2.2 A basic level	25
2.3 Life-forms	30
2.4 Exceptions that prove the rule	35
2.5 Family fragments	41
3 THE SEMANTICS OF LIVING KINDS	47
3.1 Domain specificity	47
3.2 Meaning as a motley	52
3.3 Nature and necessity	58
3.4 Phenomenal reality and nomic theory	64
3.5 Kinds of natural kinds	71
PART II ARISTOTELIAN ESSENTIALS	81
4 ESSENCE AND ENVIRONMENT	83
4.1 Essentialism reconsidered	83
4.2 "Induction"	87
4.3 Form and matter	93

5	MATERIALS OF LOGICAL DIVISION	100
5.1	Genos and Eidos	100
5.2	Division and assembly	106
5.3	Analogy	115
5.4	Failure's triumph	119
PART III FROM HERBALS TO SYSTEMS		123
6	ORIGINS OF THE SPECIES CONCEPT	127
6.1	Back to nature	127
6.2	Charting new territory	135
6.3	Species forever	138
6.4	<i>Omnia ex ovo</i>	142
7	THE NATURE OF THE GENUS	151
7.1	Fruits of reason	151
7.2	Trial and error	158
7.3	Art and intuition	165
7.4	Paradise regained	170
PART IV THE SCIENTIFIC BREAKAWAY		183
8	THE METHOD OF FAMILIES AND CLASSES	185
8.1	Stress and strain	185
8.2	And the walls came tumbling down	190
8.3	Piecing together the fragments	196
8.4	Organization	203
8.5	End of series	206
9	SCIENCE, SYMBOLISM AND COMMON SENSE	212
9.1	Savage savvy	212
9.2	Cognitive "pathogenesis"	217
9.3	Speculating	220
9.4	Plants as animals	224
9.5	The analogy of nature	230
9.6	Man dethroned	239
9.7	Dispositions to susceptibilities	247
CONCLUSIONS		252
10	RUDIMENTS OF THE LINNAEAN HIERARCHY: TOWARDS AN ANTHROPOLOGY OF SCIENCE	252
APPENDIX MILESTONES OF NATURAL HISTORY		270
NOTES		275
REFERENCES		323
INDEX		340