

Contents

List of figures	xi
Abstract.....	xiii
1. Introduction.....	1
1.1. Selective interpretation of myth	3
1.2. Ethnographic context	4
1.3. Inclusive definitions of science	5
1.4. Myth and physical phenomena.....	6
1.5. Myth and ancient science	6
1.6. Anthropomorphisation and narrativisation.....	7
1.7. Observational data in myths.....	8
1.8. Mythic models.....	9
1.9. Conclusion.....	10
 Part One: Annual solar movement	
2. The Laestrygonians and the geographical arctic circle	15
2.1. Interpreting the ‘meteorological’ facet of the Laestrygonian episode	16
2.2. Crates’ interpretation of the Laestrygonian passage	17
2.3. Crates’ interpretation and arctic circle	18
2.4. The limits of the annual solar movement	21
2.5. Arctic circle in epic poetry	22
2.6. Laestrygonia, the sun and the Otherworld	24
2.7. Conclusion.....	25
3. The Bear Mountain.....	27
3.1. The Cyzicus episode	27
3.2. Celestial bears at the solstice island	28
3.3. A pre-Homeric Argonautica	30
3.4. Conclusion.....	31
4. Snatched away by the gust of wind	33
4.1. The island of turning	33
4.2. The Harpies and eschatology	35
4.3. Other mythic snatchings.....	37
4.4. The snatchings in their solar context.....	38
4.5. An alternative model—cosmological solstice mountain.....	39
4.6. A reinterpretation of the northern mountains model	42
4.7. A region outside the sun’s course in non-Greek traditions.....	42
4.8. Conclusion.....	44
5. The island of the sun’s turning	45
5.1. The concept of solstices in early Greek tradition.....	45
5.2. <i>Heliotropia</i> and the localisations of Homeric <i>tropai êelioio</i>	47
5.3. The localisations of Homeric <i>tropai êelioio</i> in the context of solar movement	48
5.4. Pytheas’ Thule and the turnings of the sun	49
5.5. Conclusion.....	50
6. Pytheas and Hecataeus: Britain and Hyperborea.....	53
6.1. Pytheas and the northern barbarians	53
6.2. Britain in the wake of Pytheas	54
6.3. Hecataeus’ Hyperborea	55

6.4. Hyperboreans, Apollo and Celts	57
6.5. Conclusion.....	58
7. Apollo's Hyperborean voyage: a narrative model of solar movement	61
7.1. Delphian traditions	62
7.2. Athenian and Delian traditions.....	64
7.3. Beyond calendar	65
7.4. Apollo and the solstice island.....	67
7.5. Conclusion.....	69
8. 'Hyperborean Apollo's' swan chariot.....	71
8.1. Hyacinthus—a convergence of literary and iconographic testimonies.....	72
8.2. Archaeological evidence	72
8.2.1. Dupljaja	73
8.2.2. Northern Europe	74
8.2.3. Italy.....	74
8.2.4. Eastern Alpine region	75
8.2.5. Possible Central European parallels	75
8.2.6. The Aegean	76
8.3. Methodological procedure for comparison of literary and iconographic record	76
8.3.1. Material evidence for past beliefs	76
8.3.2. Reading the visual language.....	76
8.3.3. Structural analysis of visual language	76
8.3.4. The transfer of meaning	77
8.3.5. The transfer of beliefs.....	77
8.3.6. Transfer of complex symbolic structures	78
8.3.7. The Dupljaja model as a complex symbolic structure accompanied by a <i>muthos</i>	79
8.3.8. Comparison of literary sources with iconography	79
8.4. Concluding remarks: large-scale context, anthropomorphism and the contents of the <i>muthos</i>	80
Part Two: Diurnal solar movement	
9. Diurnal path of the Sun in Greek tradition	85
9.1. The high northern mountain.....	85
9.2. The southerly path of the sun	87
9.3. Diurnal solar movement in Homer.....	87
9.4. The sun's cup and its southerly course.....	88
9.5. Stesichorus' account of the sun's voyage in a cup	88
9.6. Hesiod's house of Night in the light of the 'uni-polar' model	89
9.7. The sun's cup and Heracles.....	93
9.8. Iconographical testimonies for the sun in a cup.....	94
9.9. The Presocratic tradition of the sun's bowl.....	94
9.10. Non-Greek traditions of the sun travelling in a boat.....	95
9.11. Conclusion.....	96
10. Liminal imagery in the accounts of solar movement assimilated to the world of the dead	99
10.1. Hesiods' concept of the daylight/night exchange.....	99
10.2. Corresponding models in Mesopotamian tradition	100
10.3. Homer, Hesiod and the liminal features in Hades.....	101
10.4. Gates of the otherworld assimilated to the gates of the sun	102
10.5. The Pylion gates	103
10.6. The White Rock and the Odyssey	105
10.7. Pherecydes' gates	106
10.8. Conclusion.....	106
11. Aea and the voyage of the Argonauts	109
11.1. The return of the Argonauts.....	110
11.2. Circe, Calypso and the Argonauts' return voyage	112
11.3. Conclusion.....	114

12. World of the Dead at the Antipodes	115
12.1. Hades at the antipodes conceived in terms of the diurnal solar movement	116
12.2. Later testimonies for an antipodal Hades conceived in terms of solar movement.....	117
12.3. Hades at the celestial ‘antipodes’	118
12.4. The antipodal world of the dead in non-Greek traditions	118
12.5. Navigating to the Otherworld in Greek and non-Greek traditions.....	119
12.6. Conclusion	121
13. Beyond Odysseus: Gilgameš	123
13.1. Gilgameš breaking a path for Odysseus.....	124
13.2. The twin mountain	125
13.3. Scorpion-men	126
13.4. Gilgameš on the diurnal course of the sun	128
13.5. Gilgameš arrives at the mouth of the rivers	129
13.6. Dilmun.....	130
13.7. ‘The mouth of the rivers’ outside the Mesopotamian tradition	132
13.8. From Gilgameš to Odysseus	133
13.9. Conclusion.....	135
14. Beyond Odysseus: Alexander	137
14.1. Hellenistic tradition.....	137
14.2. Land of Darkness	138
14.3. Mount Mûsās.....	139
14.4. Mount Mûsās in later tradition.....	140
14.5. Alexander in the far north in the Islamic tradition	141
14.6. Conclusion.....	143
15. Conclusion	145
15.1. An outline of the main argument of the book	145
15.2. The ‘practical’ main points of the book	148
15.3. A final word.....	148
List of citations	151
Appendix 1. Diurnal solar movement in Mesopotamian tradition.....	187
A1.1. Solar mountains and gates.....	187
A1.2. Interacting conceptual domains: solar movement and eschatology	188
A1.3. The Mesopotamian sun-god’s ‘house of Night’	188
Appendix 2. Diurnal solar movement in Egyptian tradition	191
A2.1. Books of the Netherworld	191
A2.2. Gates and mountains	191
A2.3. The horizon-sign	193
Index.....	195