Contents

	ok Summary t of Contributors	xxi xxii
	Introduction: Chasing the Total Solar Eclipse, On the Road and in the Archive Henrike Christiane Lange and Tom McLeish	1
	I. COSMOS	
1.	The Cosmic Clockwork: The How and When of Total Solar Eclipses <i>Mike Frost and Tom McLeish</i>	25
2.	The Unveiling of the Corona Jay M. Pasachoff	37
3.	Pre-Modern Astronomies of Eclipses in the Near East and Europe <i>C. Philipp E. Nothaft</i>	54
4.	From Science to Story: Testimony of an Eclipse-Chaser <i>Mike Frost</i>	69
	II. HISTORY AND RELIGION	
5.	Solar Eclipses across Early Asia John Steele	85
6.	'The Face of the World was Wretched, Horrifying, Black, Remarkable': Solar Eclipses in the Middle Ages Giles E. M. Gasper	103
7.	Annus Tenebrosus: Black Monday, Faith, and Political Fervour in Early Modern England Anna Marie Roos	127
8.	Signs and Portents: Reflections on the History of Solar Eclipses David Bentley Hart	143
	III. ARTS AND LITERATURE	
9.	Dante's Total Eclipses Alison Cornish	157
10.	Eclipsed?: The Nineteenth-Century Quest to Capture Solar Eclipses in Art, Science, and Technology Roberta J. M. Olson	173

11.	Total Eclipse of the Art: Vision, Occlusion, Representation Henrike Christiane Lange	204
12.	When Words Fail: Eclipse, Music, and Sound Elaine Stratton Hild	258
	IV. ANIMALS, WEATHER, ENVIRONMENT	
13.	Animal Behaviour and Eclipse Steven J. Portugal	283
14.	Weather and the Solar Eclipse: Nature's Meteorological Experiment <i>Giles Harrison</i>	307
	Conclusion: The Moon and the Sun in the Afternoon Henrike Christiane Lange and Tom McLeish	326
Apr	pendix: The Eclipse-Chaser's Toolkit	338
11	A. IMPORTANT: Eye Safety Notice	338
	B. Eclipse Glossary	338
	C. A Short Total Eclipse Reading List	340
	D. Upcoming Eclipses	340
Sele	ect Bibliography	345
Ind	lex	348