

## Contents

<i>List of illustrations</i>	page x
<i>Acknowledgements</i>	xi
1 Professionals and amateurs, work and play: William Rowan Hamilton, Edward Lear and James Clerk Maxwell	I
2 Edinburgh natural philosophy and Cambridge mathematics	39
3 Knowing more than you think: James Clerk Maxwell on puns, analogies and dreams	59
4 Red Lions: Edward Forbes and James Clerk Maxwell	89
5 Popular science lectures: 'A Tyndallic Ode'	110
6 John Tyndall and 'the Scientific Use of the Imagination'	142
7 'Molecular Evolution': Maxwell, Tyndall and Lucretius	164
8 James Joseph Sylvester: the romance of space	183
9 James Joseph Sylvester: the calculus of forms	207
10 Science on Parnassus	234
<i>Notes</i>	263
<i>Works cited</i>	287
<i>Index</i>	302