

Contents

Introduction 7

1. Sundoom 11
2. Sun and Man 19
3. Sun and Earth 35
4. Birth of a Star 48
5. Life of a Star 60
6. Death of a Star 78
7. The Delicate Balance 95
8. The Inconstant Sun 112
9. The Fatal Flickers 135
10. Inconstant Galaxy? 156
11. Out of the Trap 170

Appendix: *Stellar nucleosynthesis – what cooks inside
the Sun* 177

Bibliography 180