Contents

Foreword v
Acknowledgements xiv
Introduction xv
  Indigenous peoples and the environment xv
  Aboriginal Biocultural Knowledge xviii
  South-eastern Australia as a biocultural region xx
  Sources xxi
  Aim xxiii
  Spelling xxiv
  Warnings xxiv

Chapter 1 Totemic life 1
Philip A. Clarke
  Introduction 1
  Aboriginal beliefs 2
  Eaglehawk and Crow narratives 6
  Life among whales 14
  Discussion 17

Chapter 2 Terrestrial spirit beings 19
Philip A. Clarke
  Introduction 19
  Ethnographic details 21
  Totemic protectors 29
  Spirit beings and Aboriginal Biocultural Knowledge 33

Chapter 3 Water spirit beings 35
Philip A. Clarke
  Introduction 35
  Bunyips 35
  The European discovery of bunyips 42
  Discussion 52

Chapter 4 Plant food 55
Philip A. Clarke
  Introduction 55
  Plant foods 60
  Making wild foods ‘useful’ 68
Aboriginal Biocultural Knowledge in South-eastern Australia

Chapter 5  Animal food  73
Philip A. Clarke
Introduction  73
Invertebrates  75
Fish  80
Birds  84
Reptiles  86
Terrestrial mammals  87
Marine mammals  88
Discussion  92

Chapter 6  Water  95
Ian D. Clark
Introduction  95
Reading the signs: animals and insects as indicators of the presence of water  96
Hydronyms as clues in the cultural landscape  97
Rock-holes  98
Water from plants  98
Owarine  100
Waterholes beside dry lakes  100
Waterholes dug to retain rainwater  101
Adaptations in times of water scarcity  101
Thirst quenchers  101
Dew water  102
Strainers and filters  102
Village sites and campsites at sources of permanent water  103
Drought conditions blamed on the arrival of Europeans  104
Rainmakers or charmers  104
Limiting water spillage  106
Water extractors  106
Water storage/vessels  107
Bark buckets  109
Waterbags made from animal skins  111
Drinking vessels  112
Conclusion  113

Chapter 7  Fire in Aboriginal south-eastern Australia  115
Fred Cahir and Sarah McMaster
Introduction  115
The historical record 115
Customary burning 117
Motivations for burning 118
Knowledge of Aboriginal fire 122
Fire as an offensive weapon 124
Recognising fire skills 128
Discussion 130

Chapter 8 Watercraft 133
Fred Cahir

- Introduction 133
- Creation stories and cultural significance 133
- Distribution 135
- Traditional uses 136
- Transport and communication 137
- Night fishing 138
- Customs and ceremony 139
- How to make a canoe 140
- Making use of Aboriginal canoes 143
- Reliance upon Aboriginal knowledge of canoes 146
- Saving white fellas 148
- Economic dependence on canoes 149
- Colonisers using canoes – badly 150
- Discussion 150

Chapter 9 Shelter: housing 151
Fred Cahir

- Introduction 151
- Types of shelters 152
- Use and reliance by colonisers on Aboriginal shelter 166
- Destruction of shelters 170
- Discussion 171

Chapter 10 Clothing 173
Fred Cahir

- Introduction 173
- Animal skin and fur clothing 173
- Manufacturing possum skin garments 176
- Possum rug decoration 179
- Garments other than skin, feather or fur 181
- Headbands and bonnets 183
Aboriginal Biocultural Knowledge in South-eastern Australia

Colonist use of Indigenous skins and furs, and of Aboriginal garments 184
Possum skin commerce in the gold rush era 186
Discussion 187

Chapter 11  Wellbeing 189
Ian D. Clark

Introduction 189
Medicine men and women 189
Practices of the medicine men and women 194
Europeans and their treatment by Aboriginal doctors 196
Causes of death and ill-health 199
Harming practices 204
Dangerous places and sources of dangerous powers 205
Conclusion 207

Chapter 12  Healing 209
Ian D. Clark

Introduction 209
Isolating the sick 210
General treatment of wounds 210
Blood-letting 213
Steam baths and cold water bathing 213
Use of ligatures 214
Rheumatism 214
Joint pain 218
Skin infections 218
Burns 218
Venereal disease 218
Dysentery 220
Chest infections 220
Insect repellents 220
Headache, earache, toothache and stomach-ache 220
Delayed lactation in new mothers 222
Treating colic 222
Snakebite 222
Ophthalmia 223
Refreshing drinks and tonics 224
European uses of bush medicine 224
Conclusion 227
## Chapter 13  Trade
*Ian D. Clark*

- Introduction 229
- Items for exchange 232
- The context of exchange 233
- Role of messengers in exchange 237
- Gifts 238
- Special expeditions 241
- Intercultural trade with Europeans 241
- Conclusion 245

## Chapter 14  Space
*Philip A. Clarke*

- Introduction 247
- The Skyworld 249
- Skyworld as a home of spirits 250
- Connections between Earth and the Skyworld 253
- Underworld 255
- Orientation and appearance of the Skyworld 256
- Gender 257
- Skyworld influences over Earth 258
- Directions 259
- Wurdi Youang stone arrangement 260
- Discussion 263

## Chapter 15  Time
*Philip A. Clarke*

- Introduction 265
- Forecasting weather 266
- Seasonal calendar 268
- Calendar plants 274
- Weather makers 276
- Discussion 279

**Conclusion: The future of Aboriginal Biocultural Knowledge** 281

**References** 285

**Index** 323