

# Contents

## **On the Road** 4

## **Highlights** 5

## **Destination Antarctica** 15

## **Getting Started** 16

## **Itineraries** 22

## **History** 25

## **Private Expeditions** 71

## **The Culture** 84

## **Environment** 92

## **Environmental Issues** 100

## **Climate Change & Antarctica** 110

## **Wildlife Guide** 114

## **Antarctic Science** 146

## **Southern Ocean** 165

Ushuaia 166

Cape Horn 171

Islas Diego Ramirez 172

Antarctic Convergence 174

## **South Georgia, Shag Rocks & South Orkney Islands** 175

South Georgia 176

Shag Rocks 188

South Orkney Islands 188

## **Falkland Islands/ Islas Malvinas** 191

Stanley 196

East Falkland 203

West Falkland 205

## **South Shetland Islands** 208

Elephant Island 210

King George Island 210

Penguin Island 214

Nelson Island 214

Bridgeman Island 214

Aitcho Islands 214

Robert Island 214

Greenwich Island 214

Half Moon Island 215

Livingston Island 215

Desolation Island 216

Deception Island 216

Sail Rock 220

## **Other Peri-Antarctic Islands** 229

Bouvetøya 230

Prince Edward Islands 232

Îles Crozet 234

Îles Kerguelen 235

Heard & McDonald Islands 239

Île Amsterdam 242

Île St Paul 244

Macquarie Island 244

Balleny Islands 248

New Zealand's Sub-Antarctic Islands 249

Scott Island 255

Peter I Øy 256

South Sandwich Islands 256

Tristan da Cunha group 258

Gough Island 261

## **Antarctic Peninsula & Weddell Sea** 263

### **ANTARCTIC PENINSULA** 264

Astrolabe Island 264

General Bernardo O'Higgins Station 264

Hope Bay 264

Brown Bluff 265

Paulet Island 265

Dundee Island 265

Joinville & D'Urville Islands 265

Melchior Islands 265

Charlotte Bay 268

Orne Islands 268

Cuverville Island 268

Danco Island 268

Rongé Island	269
Useful Island	269
Neko Harbor	269
Waterboat Point	269
Paradise Harbor	270
Port Lockroy	270
Palmer Station	271
Booth Island	272
Lemaire Channel	272
Pléneau Island	273
Petermann Island	273
Yalour Islands	273
Argentine Islands	273
Detaille Island	274
Adelaide Island	274
Marguerite Bay	275
Stonington Island	275
<b>WEDDELL SEA</b>	<b>276</b>
Vega Island	276
Devil Island	276
Seymour Island	276
James Ross Island	276
Snow Hill Island	278
Ronne Ice Shelf	280
Filchner Ice Shelf	280
Halley Station	280

## **Ross Sea** 281

Cape Adare	283
Possession Islands	285
Cape Hallett	286
Cape Washington	286
Mt Melbourne	286
Terra Nova Bay	286
Drygalski Ice Tongue	287
Franklin Island	287
Nordenskjöld Ice Tongue	287
Dry Valleys	290
Ross Island	290
Ross Ice Shelf	300

## **East Antarctica** 302

Neumayer Station	304
Sanae IV	304
Troll Station	305
Maitri Station	306
Novolazarevskaya Station	307
Schirmacher Hills	308
Syowa Station	308
Molodezhnaya Station	309
Mawson Station	309
Scullin & Murray Monoliths	310

Amery Ice Shelf	310
Larsemann Hills	311
Davis Station	311
Vestfold Hills	311
Mirnyy Observatory	312
Bunger Hills	313
Casey Station	314
Dumont d'Urville Station	314
Commonwealth Bay	315
Leningradskaya Station	317
Dome Argus (Dome A)	318
Concordia Station	318
Vostok Station	319

## **South Pole** 321

History	322
Geography	325
Climate	326
Visiting the South Pole	326
Sights	327

## **Directory** 334

## **The Antarctic Treaty** 339

## **Transportation** 344

## **Health** 353

## **Glossary** 357

## **The Authors** 361

## **Behind the Scenes** 363

## **Index** 370

## **World Time Zones** 378

# Regional Map Contents

