

Contents

Preface ix

- 1 **Introduction: extreme life** 1
- 2 **Be it ever so humble...** 27
- 3 **Life without water** 92
- 4 **The hot club** 129
- 5 **Cold Lazarus** 150
- 6 **More tough choices** 198
- 7 **'It's life, Jim, but not as we know it!'** 219
- 8 **An extreme biology** 246

Bibliography 279

Glossary 288

Index 301