

Contents

<i>List of figures</i>	x
<i>List of tables</i>	xi
<i>Foreword</i>	xii
<i>Notes on contributors</i>	xvi
<i>Acknowledgements</i>	xxix
Introduction	1
<i>Barbara Humberstone, Heather Prince and Karla A. Henderson</i>	
PART 1	
Constructs and theoretical concepts	5
Introduction	7
<i>Heather Prince</i>	
1 Foundation myths and the roots of adventure education in the Anglosphere	11
<i>Andrew Brookes</i>	
2 From 'Erlebnis' to adventure: a view on the German Erlebnispädagogik	20
<i>Peter Becker</i>	
3 Environmental concerns and outdoor studies: nature as fosterer	30
<i>Johan Öhman and Klas Sandell</i>	
4 Outdoor studies and a sound philosophy of experience	40
<i>John Quay and Jayson Seaman</i>	
5 Healing the split head of outdoor recreation and outdoor education: revisiting Indigenous knowledge from multiple perspectives	49
<i>Philip Mullins, Gregory Lowan-Trudeau and Karen Fox</i>	
6 Health and wellbeing benefits of activities in the outdoors	59
<i>Cathryn Carpenter and Nevin Harper</i>	

Contents

7	Shifting perspectives on research in the outdoors <i>Emily Coates, Alan Hockley, Barbara Humberstone and Ina Stan</i>	69
PART 2 Formal education in outdoor studies		79
	Introduction <i>Heather Prince</i>	81
8	The primacy of place in education in outdoor settings <i>Greg Mannion and Jonathan Lynch</i>	85
9	Scandinavian early childhood education: spending time in the outdoors <i>Ellen Beate Hansen Sandseter and Trond Løge Hagen</i>	95
10	Supporting early learning outdoors in the UK: culture clash and concord <i>Sue Waite</i>	103
11	Curricular outdoor learning in Scotland: from practice to policy <i>Beth Christie, Pete Higgins and Robbie Nicol</i>	113
12	Teaching trainee teachers about outdoor education <i>Erik Backman</i>	121
13	Pedagogic practice in higher education in the UK <i>Tim Stott</i>	131
14	Formal curricular initiatives and evaluation in the UK <i>Heather Prince and David Exeter</i>	141
PART 3 Non-formal education and training in/for/about outdoor studies		151
	Introduction <i>Karla A. Henderson</i>	153
15	Careers in the outdoors <i>Linda Allin and Amanda West</i>	159
16	Beyond training for tolerance in outdoor experiential education: more than just leadership <i>Mary Breunig and Elyse Rylander</i>	168

17	Professional accreditation in the UK outdoor sector <i>Heather Brown, Ian Harris and Su Porter</i>	178
18	Certification in outdoor programmes <i>Aram Attarian</i>	189
19	Ethical considerations in outdoor studies research <i>Letty Ashworth, Lucy Maynard and Karen Stuart</i>	198
20	Adventure education: crucible, catalyst and inexact <i>Jim Sibthorp and Dan Richmond</i>	207
21	Challenge course programming: on the rise or in compromise? <i>Mark Wagstaff</i>	217
22	The camp experience: learning through the outdoors <i>M. Deborah Bialeschki, Stephen M. Fine and Troy Bennett</i>	227
23	Sail training <i>Ken McCulloch</i>	236
24	Forest School in the United Kingdom <i>Sara Knight</i>	244
25	Developing therapeutic outdoor practice: adventure therapy <i>Kaye Richards</i>	251
26	Reviewing and reflection: connecting people to experiences <i>Roger Greenaway and Clifford E. Knapp</i>	260
PART 4 International voices and cultural interpretations		269
	Introduction <i>Karla A. Henderson</i>	271
27	The inclusion of outdoor education in the formal school curriculum: Singapore's journey <i>Susanna Ho, Matthew Atencio, Yuen Sze Michelle Tan and Chew Ting Ching</i>	277
28	Friluftsliv: nature-friendly adventures for all <i>Kirsti Pedersen Gurholt</i>	288

Contents

29	Turistika activities and games, dramaturgy, and the Czech outdoor experience <i>Andrew J. Martin, Ivana Turčová and Jan Neuman</i>	297
30	Outdoor studies in Japan <i>Taito Okamura</i>	307
31	Using outdoor adventure to contribute to peace: the case of Kenya <i>Shikuku W. Ooko and Helen N. Muthomi</i>	316
32	Outdoor activities in Brazilian educational camps <i>Marcelo Fadori Soares Palhares and Sandro Carnicelli</i>	325
PART 5 Social and environmental justice and outdoor studies		333
	Introduction <i>Barbara Humberstone</i>	335
33	Race, ethnicity and outdoor studies: trends, challenges and forward momentum <i>Nina S. Roberts</i>	341
34	Equality and inclusion in the outdoors: connecting with nature from an Indian perspective <i>Di Collins and Latha Anantharaman</i>	351
35	Gender in outdoor studies <i>Karen Warren</i>	360
36	Age and the outdoors <i>Mike Boyes</i>	369
37	Disability and the outdoors: some considerations for inclusion <i>John Crosbie</i>	378
38	Spirituality and the outdoors <i>Paul Heintzman</i>	388
39	Outdoor education, environment and sustainability: youth, society and environment <i>Geoff Cooper</i>	398

40	Land management and outdoor recreation in the UK <i>Lois Mansfield</i>	409
PART 6 Transdisciplinary and interdisciplinary approaches to understanding and exploring outdoor studies		419
	Introduction <i>Barbara Humberstone</i>	421
41	Experiential learning: towards a multidisciplinary perspective <i>Colin Beard</i>	425
42	Enskilment and place-responsiveness in outdoor studies: ways of life <i>Mike Brown and Brian Wattchow</i>	435
43	Outdoor education, safety and risk in the light of serious accidents <i>Andrew Brookes</i>	444
44	Challenges in adventure sports coaching <i>Loel Collins and Dave Collins</i>	455
45	Adventure tourism <i>Paul Beedie</i>	463
46	Ecotourism: outdoor pedagogy at the periphery <i>Patrick T. Maher</i>	472
47	Bourdieu and alpine mountaineering: the distinction of high peaks, clean lines and pure style <i>John Telford and Simon Beames</i>	482
48	The archaeology of the outdoor movement and the German development: in the beginning was the curiosity about the sublime <i>Peter Becker</i>	491
49	Surfing, localism, place-based pedagogies and ecological sensibilities in Australia <i>Rebecca Olive</i>	501
	<i>Index</i>	511