Figures

1.1  The location of the Pebblebed heathlands  
1.2  View west to the Haldon Hills and Dartmoor  
1.3  Dumpdon Hill  
1.4  High Peak from the heathlands  
1.5a  Gravels of the East Hill ridge  
1.5b  The pebbles of the Pebblebeds  
1.6  The red cliffs at Budleigh Salterton with the Pebblebed exposure  
1.7  The course of the Triassic river across southern England  
1.8  The yellow band running through the cliffs at the top of the Pebblebeds  
1.9  The distribution of flint finds on the heathlands and in their vicinity  
1.10  The distribution of Bronze Age pebble cairns  
1.11  Examples of large heathland cairns  
1.12  The western scarp of the heathlands  
1.13  Cairn intervisibility across the heathlands  
1.14  Low tide in the Exe estuary  
1.15  Sunrise and sunset seen from the heathlands  
2.1  Carter as a young man  
2.2  Carter in India as Municipal Commissioner  
2.3a  One of the large chert stones from the east of the river Otter  
2.3b  Lifting the stone  
2.4  Carter’s map of cairn locations on Woodbury Common  
2.5  Carter’s excavation team at work  
2.6  Carter’s three daughters excavating on Aylesbeare Common  
2.7  Carter’s plan of cairn AA6  
2.8  Carter’s watercolour plan of Woodbury P  
2.9  Carter’s sketch of the cairn in Jubilee Park, Budleigh Salterton  
2.10  Carter’s plan of the Longo Lines  
2.11  Carter’s sketch of mounds in the vicinity of Woodbury ε
<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.12</td>
<td>Carter's sketch plan of his 'holy triangle' on East Budleigh Common and part of his annotated Ordnance Survey map of East Budleigh and Withycombe Raleigh Common</td>
<td>65</td>
</tr>
<tr>
<td>2.13</td>
<td>Carter's photograph of one of his 'twin altars' at Squabmoor</td>
<td>66</td>
</tr>
<tr>
<td>2.14</td>
<td>Carter's plan and cross-section of his cairn 'Milestone 9'</td>
<td>67</td>
</tr>
<tr>
<td>2.15</td>
<td>Carter's 1932 photograph of cairn QL</td>
<td>69</td>
</tr>
<tr>
<td>2.16</td>
<td>Carter's geometric plan of Woodbury Z</td>
<td>71</td>
</tr>
<tr>
<td>2.17</td>
<td>Carter's plan and analysis of Sheeplays 271</td>
<td>73</td>
</tr>
<tr>
<td>2.18</td>
<td>Carter's geometric analysis of barrows in the Broad Down (Farway) cemetery</td>
<td>76</td>
</tr>
<tr>
<td>2.19</td>
<td>Carter's geometric analysis of Stonehenge I</td>
<td>76</td>
</tr>
<tr>
<td>2.20</td>
<td>Carter's analysis of the Soldier's Ring, Wiltshire</td>
<td>77</td>
</tr>
<tr>
<td>2.21</td>
<td>Carter's published plan of the cairn QL</td>
<td>79</td>
</tr>
<tr>
<td>2.22</td>
<td>Carter in later life</td>
<td>84</td>
</tr>
<tr>
<td>3.1</td>
<td>Woodbury ε</td>
<td>86</td>
</tr>
<tr>
<td>3.2</td>
<td>Carter's section through Woodbury ε</td>
<td>87</td>
</tr>
<tr>
<td>3.3</td>
<td>The comb-decorated Beaker sherds and arrowhead found in Woodbury ε</td>
<td>87</td>
</tr>
<tr>
<td>3.4</td>
<td>The distribution of pebble cairns on Colaton Raleigh Common</td>
<td>88</td>
</tr>
<tr>
<td>3.5</td>
<td>Tor Cairn and Little Tor Cairn: excavated area</td>
<td>90</td>
</tr>
<tr>
<td>3.6</td>
<td>Examples of ‘special’ pebbles and a blue stone</td>
<td>91</td>
</tr>
<tr>
<td>3.7</td>
<td>Tor Cairn: sections and their locations</td>
<td>93</td>
</tr>
<tr>
<td>3.8</td>
<td>Tor Cairn: simplified scheme of layers and contexts</td>
<td>93</td>
</tr>
<tr>
<td>3.9</td>
<td>Tor Cairn sections</td>
<td>94</td>
</tr>
<tr>
<td>3.10</td>
<td>The distribution of blue stones in Tor Cairn</td>
<td>95</td>
</tr>
<tr>
<td>3.11</td>
<td>Tor Cairn: plan showing burnt areas and central pit</td>
<td>97</td>
</tr>
<tr>
<td>3.12</td>
<td>The top of the pebble-filled pit</td>
<td>98</td>
</tr>
<tr>
<td>3.13</td>
<td>Tor Cairn: flint finds</td>
<td>104</td>
</tr>
<tr>
<td>3.14</td>
<td>Tor Cairn: the distribution of artefacts and other finds</td>
<td>105</td>
</tr>
<tr>
<td>3.15</td>
<td>Tor Cairn: the flaked pebble from the centre</td>
<td>106</td>
</tr>
<tr>
<td>3.16</td>
<td>The largest pebble in Tor Cairn</td>
<td>106</td>
</tr>
<tr>
<td>3.17</td>
<td>Tor Cairn: pebble flake from central pit</td>
<td>107</td>
</tr>
<tr>
<td>3.18</td>
<td>The ventifact finds</td>
<td>108</td>
</tr>
<tr>
<td>3.19</td>
<td>Tor Cairn: the contents of the pebble-filled pit</td>
<td>109</td>
</tr>
<tr>
<td>3.20</td>
<td>Little Tor Cairn: excavation quadrants</td>
<td>110</td>
</tr>
<tr>
<td>3.21</td>
<td>North–south section through Little Tor Cairn</td>
<td>111</td>
</tr>
<tr>
<td>3.22</td>
<td>Twin Cairn A and Twin Cairn B prior to excavation</td>
<td>113</td>
</tr>
<tr>
<td>3.23</td>
<td>Twin Cairn A: excavated areas</td>
<td>115</td>
</tr>
<tr>
<td>3.24</td>
<td>Twin Cairn A: section drawings</td>
<td>116</td>
</tr>
</tbody>
</table>
3.25 Twin Cairn A: plans 118
4.1 The location of the pebble sampling locations from the natural 131
4.2 Examples of excavated natural test samples 132
4.3 The relative frequencies of pebbles according to length 139
4.4 The relative frequencies of the pebbles according to weight 141
4.5 The relative frequencies of the pebbles according to shape 143
4.6 The relative frequencies of the pebbles according to colour 146
4.7 Examples of observed and expected frequencies in chi-square tests for shape, weight and length 150
4.8 Examples of observed and expected frequencies in chi-square tests for pebble colour, shape and weight 152
5.1 Painted pebbles from the 1970s 159
5.2 Wendy’s pebble beach 160
5.3 Alan’s huge curated pebble 162
5.4 Examples of blue stones from Tor Cairn 167
5.5 Schematic diagram of categories of ‘special’ pebbles 171
5.6 Pebble ‘eyes’ 172
5.7 Special pebble from Little Tor Cairn 175
5.8 Special pebble from Tor Cairn 176
5.9 Special pebble from Little Tor Cairn 177
5.10 Special pebble from Twin Cairn A 178
5.11 Special pebble from Twin Cairn A 179
5.12 Special pebble from Twin Cairn A 179
5.13 Pebble with a ‘prawn’ 181
6.1 The location of Jacob’s Well 191
6.2 Carter’s watercolour plan of Jacob’s Well 192
6.3 Carter’s section drawing of Jacob’s Well 193
6.4 Plan of Carter’s trench through Jacob’s Well 194
6.5 Carter’s photo of the trench through the burnt mound 195
6.6 The flaked ‘idol’ or magic stone found by Carter 196
6.7 The flaked pebble 197
6.8 The four oak stakes recovered by Carter 197
6.9 Carter’s reconstruction diagram of the wooden shrine 199
6.10 Sketch plan of Jacob’s Well and its surroundings 201
6.11 Jacob’s Well: plan 202
6.12 Jacob’s Well: section 203
6.13 Jacob’s Well: peat level 204
6.14 Sample of washed fire-cracked and crushed pebbles 209
6.15 Aylesbeare platform 1 during excavation 215
<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.16</td>
<td>Aylesbeare 2</td>
<td>216</td>
</tr>
<tr>
<td>6.17</td>
<td>Aylesbeare 5</td>
<td>217</td>
</tr>
<tr>
<td>6.18</td>
<td>Aylesbeare Common summit area</td>
<td>218</td>
</tr>
<tr>
<td>6.19</td>
<td>The trapezoidal platform with horns</td>
<td>219</td>
</tr>
<tr>
<td>6.20</td>
<td>The double-axe platform</td>
<td>220</td>
</tr>
<tr>
<td>6.21</td>
<td>The ox-hide platform</td>
<td>221</td>
</tr>
<tr>
<td>6.22</td>
<td>The locations of the Aylesbeare platforms</td>
<td>222</td>
</tr>
<tr>
<td>6.23</td>
<td>Plan of the trapezoidal platform</td>
<td>223</td>
</tr>
<tr>
<td>6.24</td>
<td>Sections through the three platforms</td>
<td>224</td>
</tr>
<tr>
<td>6.25</td>
<td>Plan of the double-axe platform</td>
<td>226</td>
</tr>
<tr>
<td>6.26</td>
<td>Plan of the ox-hide platform</td>
<td>228</td>
</tr>
<tr>
<td>6.27</td>
<td>Double axes and images of objects with horns</td>
<td>234</td>
</tr>
<tr>
<td>6.28</td>
<td>Pendants with horns from middle and eastern Europe</td>
<td>237</td>
</tr>
<tr>
<td>6.29</td>
<td>The double axe from Mount Howe, Topsham</td>
<td>241</td>
</tr>
<tr>
<td>6.30</td>
<td>Mount Howe on the Exe estuary</td>
<td>242</td>
</tr>
<tr>
<td>6.31</td>
<td>Conceptual model of the Pebblebed landscape</td>
<td>246</td>
</tr>
<tr>
<td>8.1</td>
<td>Simplified geological map with the environmental sampling locations</td>
<td>269</td>
</tr>
<tr>
<td>8.2</td>
<td>Aerial photograph of the Pebblebeds landscape</td>
<td>271</td>
</tr>
<tr>
<td>8.3</td>
<td>Percentage pollen diagram from Jacob’s Well</td>
<td>279</td>
</tr>
<tr>
<td>8.4</td>
<td>Wistman’s Wood on Dartmoor</td>
<td>280</td>
</tr>
<tr>
<td>8.5</td>
<td>Pebblebeds heath and light woodland</td>
<td>285</td>
</tr>
<tr>
<td>9.1</td>
<td>Plan of Woodbury Castle</td>
<td>291</td>
</tr>
<tr>
<td>9.2</td>
<td>The ramparts of Woodbury Castle</td>
<td>292</td>
</tr>
<tr>
<td>9.3</td>
<td>Woodbury Castle: section through the inner rampart</td>
<td>295</td>
</tr>
<tr>
<td>9.4</td>
<td>Section through the cross-ridge dyke</td>
<td>296</td>
</tr>
<tr>
<td>9.5</td>
<td>The Colaton Raleigh enclosure</td>
<td>297</td>
</tr>
<tr>
<td>9.6</td>
<td>The location of the Colaton Raleigh enclosure in relation to the pebble cairns</td>
<td>298</td>
</tr>
<tr>
<td>9.7</td>
<td>East Devon hillforts: locations and intervisibility</td>
<td>300</td>
</tr>
<tr>
<td>9.8</td>
<td>Sketch of the topographic locations of the hillforts</td>
<td>309</td>
</tr>
<tr>
<td>9.9</td>
<td>Hawkesdown Hill from the east</td>
<td>310</td>
</tr>
<tr>
<td>9.10</td>
<td>The shape of the East Devon hillforts</td>
<td>310</td>
</tr>
<tr>
<td>9.11</td>
<td>Plan of Musbury</td>
<td>312</td>
</tr>
<tr>
<td>9.12</td>
<td>Looking across Blackbury Castle</td>
<td>313</td>
</tr>
<tr>
<td>9.13</td>
<td>Looking south across Cadbury Castle</td>
<td>313</td>
</tr>
<tr>
<td>9.14</td>
<td>The entrance to Sidbury Castle</td>
<td>315</td>
</tr>
<tr>
<td>9.15</td>
<td>Dumpdon: view out from entrance</td>
<td>316</td>
</tr>
<tr>
<td>9.16</td>
<td>Complex hillfort entrances</td>
<td>316</td>
</tr>
<tr>
<td>9.17</td>
<td>The massive Hembury ramparts</td>
<td>317</td>
</tr>
<tr>
<td>9.18</td>
<td>The structure at Blackbury Castle</td>
<td>321</td>
</tr>
</tbody>
</table>
10.1 The location of landscaping mounds 331
10.2 Landscaping/tree mound 17 332
10.3 Massive landscaping mound adjacent to the B3180 road 333
10.4 The northwest mound at Four Firs 334
10.5 Section through the northeast mound at Four Firs 335
10.6 Landscaping mound to the south of the Woodbury to Yettington road 337
10.7 Stukeley’s drawing of Bush Barrow 338
10.8 Colt Hoare’s illustration of Hackpen Barrow 338
10.9 Landscaping mound 12 340
10.10 The possible Seven Stones in Bicton Gardens 341
10.11 Part of the ha-ha at Bicton 344
10.12 View from the orangery to the obelisk at Bicton 344
11.1 Location map of Aylesbeare Common with survey area 347
11.2 GPS survey map of Aylesbeare Common survey area 348
11.3 The rectangular structure exposed in the scrape 349
11.4 The circular structures exposed in the scrape 349
11.5 Part of Carter’s annotated 1906 Ordnance Survey map 350
11.6 Carter’s photograph of ‘Simcoe’s tent structure’ 351
11.7 Carter’s photograph of Simcoe’s tent showing detail of ditch 352
11.8 Hutchinson’s 1861 sketch map of the ‘Soldiers’ pits’ 353
11.9 Plan of the excavated sites and sections 355
11.10 Circular ditches A and B: profiles 356
11.11 Feature C: profile 356
11.12 Feature C: section 356
11.13 British Army bell tents 357
11.14 The bog barrow 358
11.15 Profile of the bog barrow showing Carter’s trench 358
11.16 Section of the bog barrow 359
11.17 Part of a pit from Carter’s section 360
11.18 The pebble rectangular structure fully exposed 361
11.19 Plan of the rectangular structure 362
11.20 Sketch plan of the rhomboid pavement and path 364
11.21 Photograph of the rhomboid pavement and path 365
11.22 The circular structures marked with flags 366
11.23 Plan of the circles 367
11.24 Profile of ditch and bank of the northern circle 367
12.1 Hardy’s sketch map of Egdon Heath 376
13.1 Pebble quarries on the heathlands 382
13.2a The pebble path John Long built at Lympstone 383
13.2b The pebble floor in the ‘Bear Hut’ 386
13.2c Aylesbeare village hall: entrance lobby with a pebble ‘mat’ in a diamond design 387
13.2d Pebble wall, Saltings, Budleigh Salterton 388
13.3a Budleigh Salterton seafront: drainage guttering 388
13.3b Pebble barn with brick quoins 389
13.3c New pebble decorative wall in East Budleigh 390
13.3d Pebble wall with arches and doorways 390
13.4a Pebble path, Quay area, Lympstone 391
13.4b Decorative path, Station Road, Newton Poppleford 392
13.4c St Gregory’s church wall, Newton Poppleford 393
13.4d Pebble farmyard, Dotton 394
13.5a Typical Topsham pebble path 395
13.5b Decorative pebble path in front garden at Topsham 395
13.5c Gilbrook estate, Woodbury: new pebble boundary wall 396
13.5d Woodbury: pebble wall with limestone topping 396
14.1 Black Hill quarry in the 1960s 400
14.2 Black Hill quarry in July 2010 400
14.3 Marks on the landscape created by trench digging 405
14.4 The distribution of modern mounds 406
14.5 Results of a heathland wildfire 409
15.1 Weather from the west 415
15.2 ‘Museum of curiosity’ diary collection 417
15.3 Soil samples 418
15.4 Paper and pebbles 420
15.5 A pebble print on fabric 421
15.6 ‘Woven Flame’ 424
15.7 Pebble grid 425
15.8 Bovey Tracey exhibition 426
16.1 A pebble tower 429
16.2 Beach huts 430
16.3 Lighthouse 431
16.4 Crab 432
16.5 Balloon and bird by beach artist 432