

## Volume 1: Contents

Acknowledgements .....	xxxiv
Summary .....	xxxv
List of contents Volume 1 .....	v
List of contents Volume 2 .....	xiv
List of figures Volume 1 .....	xxiv
List of figures Volume 2 .....	xxvii
List of tables Volume 1 .....	xxix
List of tables Volume 2 .....	xxix
List of plates Volume 1 .....	xxxii
List of plates Volume 2 .....	xxxiii
 CHAPTER 1: INTRODUCTION by <i>Andrew Mudd, Alan Lupton and Simon Mortimer</i> .....	 1
PROJECT LOCATION .....	1
GEOLOGY AND TOPOGRAPHY .....	1
PROJECT BACKGROUND .....	2
Stage 1 Desk-top assessment .....	2
Stage 2a Field evaluation .....	2
Stage 2b Project brief .....	5
Stage 3 Archaeological mitigation .....	5
ARCHAEOLOGICAL BACKGROUND .....	5
Mesolithic .....	6
Neolithic .....	7
Bronze Age .....	7
Iron Age .....	7
Roman .....	7
Early medieval .....	9
Medieval and post-medieval .....	9
PROJECT AIMS .....	9
Scheme-wide objectives .....	9
Research themes .....	13
Amplification of research themes .....	13
STRUCTURE OF THE REPORT .....	13
LOCATION OF THE ARCHIVE .....	14
 CHAPTER 2: THE EARLY PREHISTORIC PERIOD by <i>Alan Lupton with Jeff Muir</i> .....	 15
INTRODUCTION .....	15
PALAEOLITHIC AND MESOLITHIC ACTIVITY .....	15
THE NEOLITHIC AND EARLY BRONZE AGE PERIOD .....	15
The early and middle Neolithic .....	17
Birdlip Quarry .....	17
Hare Bushes North .....	18
Duntisbourne Grove .....	18
Type 1 pits .....	19
Type 2 pits .....	19
Discussion .....	21
Middle Duntisbourne .....	23
Norcote Farm .....	23
St Augustine's Farm South .....	23
Court Farm .....	25
The late Neolithic/early Bronze Age period .....	25
Trinity Farm .....	25
Pit 8 .....	25
Pit 10 .....	26
Pit 12 .....	26
Tree-throw hole 28 .....	26
Discussion .....	26
St Augustine's Farm South .....	27

Southern ring ditch 3012 .....	28
Northern ring ditch 3005 .....	31
Discussion .....	32
Area N(b) .....	33
Gully 1005 .....	33
<b>LATER BRONZE AGE .....</b>	<b>34</b>
<b>UNDATED EARLY PREHISTORIC FEATURES .....</b>	<b>34</b>
<b>Duntisbourne Leer .....</b>	<b>34</b>
Gully 49 .....	34
Pits 4, 41 and 43 .....	34
'Pit' 46 .....	34
 <b>CHAPTER 3: THE LATER PREHISTORIC PERIOD</b>	
<i>by Tim Allen, Alan Lupton, and Andrew Mudd with Jeff Muir and Simon Mortimer .....</i>	<b>35</b>
<b>INTRODUCTION .....</b>	<b>35</b>
<b>THE MIDDLE IRON AGE .....</b>	<b>35</b>
<b>St Augustine's Farm South and St Augustine's Lane .....</b>	<b>35</b>
<b>St Augustine's Farm South .....</b>	<b>35</b>
Area O .....	35
Segmented ditch system 3123 .....	35
The pits .....	37
Postholes .....	37
Area N(a) .....	37
Ditch 2005 .....	37
Ditch 2004 .....	38
Ditch 2003 .....	38
Watching brief: undated ditch .....	38
Area N(b) .....	38
<b>St Augustine's Lane .....</b>	<b>39</b>
Ditches 19, 24 and 56 .....	39
South-west ditches 39, 46 and 153 .....	39
North-east ditches 25, 148 and 149 .....	39
<b>Discussion .....</b>	<b>39</b>
Dating .....	39
The purpose of the segmented ditches .....	40
<b>Preston Enclosure .....</b>	<b>42</b>
<b>Enclosure ditch 1 .....</b>	<b>42</b>
Ditch segment 3 .....	42
Ditch segment 59 .....	42
Ditch segment 86 .....	44
Segment of western terminus 66 .....	44
Segment of eastern terminus 41 .....	47
Features within the interior of enclosure ditch 1 .....	47
Gullies 204, 253, 211 and 195/209 .....	48
Gullies 145, 299, 298 and 272 .....	48
Gully 34 .....	49
Pits 130, 283, 165, 218, 289 and 17 .....	49
Feature 14 .....	51
Postholes 15, 26, 120, 118, 46/49 and 220 .....	51
Features external to enclosure 1 .....	51
Gullies 194, 193, 192 and 191 .....	51
Pit 280 .....	51
<b>Discussion .....</b>	<b>51</b>
Dating and sequence .....	51
Form and function .....	53
<b>Ermin Farm .....</b>	<b>56</b>
<b>Enclosure 49 .....</b>	<b>56</b>
Features extending from enclosure 49 .....	56
Pits associated with enclosure 49 .....	56
<b>Enclosure 48 .....</b>	<b>56</b>
<b>Discussion .....</b>	<b>59</b>

## Contents

Date and sequence .....	59
Form and function .....	59
<b>Highgate House .....</b>	<b>59</b>
Enclosure ditch 144 .....	61
Pits located within Trench 1 .....	62
Pits located within Trench 2 .....	64
The dry valley and colluvium in Trench 3 .....	65
Discussion .....	65
Dating and sequence .....	65
Form and function .....	67
<b>MISCELLANEOUS LATER PREHISTORIC FEATURES .....</b>	<b>69</b>
<b>Lower Street Furlong .....</b>	<b>69</b>
Tree-throw holes .....	69
Ditches 27, 45 and 55 .....	69
<b>Cherry Tree Lane and Burford Road South .....</b>	<b>70</b>
Cherry Tree Lane Area 1 .....	70
Cherry Tree Lane Area 2 .....	70
Burford Road South Area 3 .....	72
Pit 12 .....	72
Pit 13 .....	72
Pit 35 .....	72
Pit 47 .....	72
Ditch 40 .....	72
Discussion .....	72
<b>Norcote Farm .....</b>	<b>74</b>
Ditches 235, 239 and gully 206 .....	74
Pits 219, 117 and 161 .....	75
Discussion .....	75
<b>The Lynches Trackway Iron Age burial .....</b>	<b>76</b>
<b>THE LATE IRON AGE .....</b>	<b>77</b>
<b>Middle Duntisbourne .....</b>	<b>77</b>
Cropmark enclosures .....	77
Ditch 121 .....	77
Ditch 4 .....	81
Ditch 310 .....	83
Ditch 140 .....	85
Later quarries .....	85
Discussion .....	85
Date and sequence .....	85
Form and function .....	85
<b>Duntisbourne Grove .....</b>	<b>86</b>
Enclosure ditches and later quarrying .....	86
Northern ditch 114 .....	86
Southern ditch 8 .....	92
The smaller ditches 9, 10 and 11 .....	94
Ditch 9 .....	94
Ditch 10 .....	94
Ditch 11 .....	94
Later cobbled surface 181 .....	95
Discussion .....	95
Date and sequence .....	95
Form and function .....	96
<b>CHAPTER 4: THE ROMAN PERIOD .....</b>	<b>99</b>
<b>INTRODUCTION .....</b>	<b>99</b>
<b>FIELD'S FARM by Steve Lawrence with Andrew Mudd .....</b>	<b>99</b>
<b>Introduction .....</b>	<b>99</b>
<b>Square ditched enclosure 137 .....</b>	<b>99</b>
Internal features .....	103
Pit 623 .....	103
Remnant subsoil spreads .....	105

Roadside quarry pits and quarrying .....	105
Roadside and trackway ditches .....	106
Trackway ditch 139 .....	106
Trackway ditch 140 .....	107
Roadside ditch 138 .....	107
Roadside ditch segment 141 .....	109
Ermin Street road surface .....	109
Post-medieval wheel ruts .....	109
Discussion .....	109
Sequence and dating .....	109
Square ditched enclosure 137 .....	111
DUNTISBOURNE LEER: ROMAN TRACKWAYS by Steve Lawrence with Andrew Mudd .....	113
Introduction .....	113
Area 1 .....	113
Trackway ditches 48 and 50 .....	113
Cobbling 12 .....	113
Quarry 20 .....	114
Area 2 .....	115
Trackway ditches 238 and 239 .....	115
Discussion .....	115
COURT FARM by Steve Lawrence with Andrew Mudd .....	116
Introduction .....	116
Residual prehistoric pottery .....	120
Late prehistoric curvilinear/linear gullies .....	120
Quarry pitting .....	121
Trackway ditches 489 and 490, surface 304 .....	122
Primary trackway ditches 489 and 490 .....	122
Recut trackway ditches 489 and 490 and surface 304 .....	125
Trackway ruts and repair surfacing 304 .....	126
Possible trackway ditches 488 and 491 .....	126
Discussion .....	127
Quarrying .....	127
The trackway .....	129
LATTON 'ROMAN POND' by Steve Lawrence with Andrew Mudd .....	129
Introduction .....	129
Environmental sequence and soil accumulation .....	129
Ploughsoil sequence to the west of boundary ditch 430 .....	131
Peat deposit 113, alluvial layers and buried ploughsoils .....	132
Linear ditches and field boundaries .....	132
Ditch 427 .....	133
Ditches 426 and 428 .....	134
Ditch group 430 .....	134
Posthole alignment 425 .....	134
Ditch group 429 .....	135
Discussion .....	135
WESTFIELD FARM by Helen Drake and Andrew Mudd .....	137
Introduction .....	137
Ditch 31/32 .....	137
Quarry pits .....	137
Discussion .....	137
FIELD BOUNDARIES BETWEEN LATTON 'ROMAN POND' AND STREET FARM by Andrew Mudd ..	141
NORCOTE FARM by Andrew Parkinson with Andrew Mudd .....	141
Ditches 240, 241, 242 and 243 .....	142
EXHIBITION BARN by Helen Drake and Andrew Mudd .....	142
Introduction .....	142
Roman and medieval field boundaries .....	143
Ditch 9 .....	143
Ditch 11 .....	143
Ditch 22 .....	143
Ditch 20 .....	143
Dating evidence .....	143
?Roman hearth 25 .....	146

Feature 17 .....	146
<b>SLY'S WALL SOUTH</b> by Steve Lawrence with Andrew Mudd .....	146
Introduction .....	146
Ditch 90 .....	147
Pits 33 and 58 .....	147
Ditch terminus 76 .....	147
Cobbling 64 .....	147
Post-medieval wheel ruts .....	147
Discussion .....	148
<b>WEAVERS BRIDGE</b> by Helen Drake and Andrew Mudd .....	148
Introduction .....	148
Midden deposit .....	148
Layers 51 and 57 .....	150
Ditches .....	151
Ditch 134 .....	151
Ditch 133 .....	151
Ditches 132, 135 and 136 .....	152
Gully 137 .....	152
Discussion .....	153
<b>BIRDLIP QUARRY</b> by Andrew Mudd .....	153
Introduction .....	153
Site layout .....	154
Phasing .....	155
Structure of report .....	156
Pre-period 1: 2nd century AD? .....	156
Areas A, 2B and 2C: Phase 1 .....	156
Hollow way .....	156
Pit 1125 and feature 882 .....	161
Soil layers in Areas 2B and 2C .....	161
Period 1: c. AD 180–250 .....	161
Areas A and 2B: Phase 2A .....	162
Stony layer 1139 .....	162
Structure 1463 .....	162
Dating evidence .....	165
Ditch 1453 .....	165
Slot 1030=1282/1169 .....	165
Gully 1407 .....	166
Stone surface 1251 .....	166
Areas A and 2B: Phase 2B .....	166
Structure 1464 .....	166
Stone floor 802 .....	166
Midden deposits 986, 984, 803 and 708 .....	166
Occupation layers .....	169
Stone structure 718 .....	169
Hearth 1034/1045 .....	169
Hearth 1069 .....	170
Hearth 769 .....	170
Burning 1115 .....	170
Feature 1100 .....	170
Dating evidence .....	170
Ditch 1454 .....	170
Plot 1105=1170 .....	170
Pit 1263 .....	170
Gully 1293 (=822) .....	170
Area C: phase 1 and 2C: Phase 2A .....	172
Ovens 643, 644, 645, 646 and 647 .....	172
Gullies 696 and 697 .....	175
Floor layers .....	175
Stony layer 1254, charcoal patch 1273 and burnt patch 1242 .....	175
Ditch 700 .....	175
Area C: phase 2 and 2C: Phase 2B .....	175
Ditch 233 (=1229) .....	175

Stone surface 302 .....	177
Ditch 698 .....	179
<b>Area 2C: Phase 2C</b> .....	<b>179</b>
Ditch 1255 .....	179
<b>Area B: Phase 1</b> .....	<b>179</b>
Soils and gullies 399, 569 and 590 .....	179
<b>Area B: Phase 2A</b> .....	<b>179</b>
Ditch 701 .....	179
Ditch 700 .....	179
<b>Area B: phase 2B</b> .....	<b>180</b>
Ditch 698 .....	180
Ditch 699 .....	180
<b>Area B: Phase 3</b> .....	<b>182</b>
Cobbled surfaces 307, 251 and 448 .....	182
<b>Area D: Phase 1</b> .....	<b>182</b>
Structure 1456 .....	182
Ditch 269 .....	182
Gully 524 .....	183
Hearth 264 .....	183
Dating evidence .....	183
<b>Area E: Phase 1</b> .....	<b>184</b>
Structure 1458 .....	184
<b>Area 3: Phase 1</b> .....	<b>184</b>
Possible sub-rectangular structure 1683 .....	184
Boundary ditch 1680 .....	187
Ditch 1685 .....	187
<b>Main site boundary ditches: Phase 1</b> .....	<b>188</b>
Ditch 690 .....	188
Gullies 691 and 692 .....	188
Ditch 683 .....	188
Gully 685 .....	188
Gully 65 (=842) .....	188
<b>Wells</b> .....	<b>188</b>
Well 277 .....	188
Well 299 .....	190
'Well' 891 .....	190
<b>Pits</b> .....	<b>191</b>
Pit 180 .....	191
Pit 50 .....	192
Pit 174 .....	192
Pit 949 .....	192
<b>Trackway 48</b> .....	<b>192</b>
<b>Period 2A: c. AD 250–330</b> .....	<b>192</b>
<b>Areas A, 2B and 2C: Phase 3</b> .....	<b>192</b>
Soil layers 849 and 840 and contemporary deposits .....	192
<b>Areas A, 2B and 2C; Phase 4</b> .....	<b>195</b>
Stone structure 1452 .....	195
Walls 730 and 841 .....	195
Grooved stones .....	196
Interior features .....	197
'Occupation layers' .....	198
Stone pavement 188 .....	201
Dedicatory vessel 943 (pit 942) .....	201
Dating evidence .....	201
Wall 775 and floor 794 .....	201
<b>Areas A, 2B and 2C: Phase 5</b> .....	<b>201</b>
<b>Area B: Phase 4</b> .....	<b>201</b>
<b>Area B: Phase 5</b> .....	<b>201</b>
<b>Area D: phase 2</b> .....	<b>203</b>
Structure 1457 .....	203
Ditch 271 .....	203
Gully 340 .....	203

## Contents

Post-pits 434 and 275 .....	205
Floor 268 .....	205
Other internal features .....	206
<b>Occupation north of Area D .....</b>	<b>206</b>
Layer 58 and gullies 391, 393 and 445 .....	206
<b>Area E: Phase 2 .....</b>	<b>206</b>
Structure 1459 .....	206
<b>Area 3: phase 2 .....</b>	<b>206</b>
Rectangular stone building 1684 .....	206
Gully 1502/1528 and wall 1544 .....	206
Wall 1503 .....	208
Stone floors 1521 and 1504 .....	208
Boundary ditch 1681 .....	209
Revetment wall .....	209
Segment 1625 .....	209
Segment 1588 .....	209
Dating evidence .....	209
<b>Main site boundary ditches: phase 2 .....</b>	<b>211</b>
Ditch 688 .....	211
Ditch 689 .....	211
Ditch 683 and gullies 165 and 98 .....	211
Gully 684 .....	211
Gully 85 .....	211
Gully 170 .....	211
<b>Features in the northern enclosure .....</b>	<b>212</b>
Gullies 158 and 609 (unphased) .....	212
Gullies 686 and 687 .....	212
Pit 100 .....	212
<b>Corn dryer 42 .....</b>	<b>212</b>
Fill 222 .....	212
Fill 221 .....	212
Fill 190 .....	212
Fills 247 and 43 .....	212
Fill 81 .....	214
Fill 33 .....	214
<b>Pits .....</b>	<b>214</b>
Pit 39 .....	214
Pit 92 .....	214
Pit 134 .....	214
<b>Period 2B: c. AD 330–380 .....</b>	<b>214</b>
<b>Areas A, 2B and 2C: phase 6 .....</b>	<b>214</b>
Structure 985 .....	214
Structure 713 .....	216
Linear walls .....	216
Walls 36 and 205 .....	216
Wall 35, layers 140 and 34 .....	218
Wall 54 .....	218
Wall 177 .....	218
Ditch 1252 .....	218
Wall 1245 and pitched stone surface 1224 .....	219
<b>Area B: Phase 6 .....</b>	<b>220</b>
<b>Area C: Phase 3 .....</b>	<b>220</b>
<b>Area D: Phase 3 .....</b>	<b>222</b>
Layer 14 .....	222
Possible wall remnant 182 .....	224
<b>Area E: Phase 3 .....</b>	<b>224</b>
Layer 72 .....	224
<b>Area 3: Phase 3 .....</b>	<b>224</b>
Posthole building 1648 .....	224
Posthole 1639 .....	224
Posthole 1608 .....	224
Posthole 1640 .....	224

Posthole 1630 .....	224
Posthole 1644 .....	224
Posthole 1661 .....	224
?Posthole 1634 .....	224
Gully 1682 .....	226
<b>Unphased features .....</b>	<b>226</b>
<i>Features west of Area A .....</i>	<i>226</i>
Ditch group 1455 .....	226
Structure 703 .....	226
Gully 23 .....	227
Miscellaneous pits .....	227
Pit 828 .....	227
Pits 255 and 257 .....	227
<b>Excavations adjacent to Ermin Street: Areas 1, 2A, 4, 5, 6 and Ermin Street Trenches 3 and 4 .....</b>	<b>227</b>
<b>Ermin Street Trench 4 .....</b>	<b>227</b>
<b>Area 1 .....</b>	<b>227</b>
Phase 1 .....	227
Phase 2 .....	228
Phase 3 .....	228
Phase 4 .....	228
<b>Area 4 .....</b>	<b>228</b>
<b>Area 2A .....</b>	<b>228</b>
Phase 1 .....	228
Phase 2 .....	229
Phase 3 .....	230
Phase 4 .....	230
<b>Road section in Area 6 (Culvert Trench) .....</b>	<b>230</b>
Phase 1 .....	230
Phase 2 .....	230
Phase 3 .....	230
<b>Area 5 and Ermin Street Trench 3 .....</b>	<b>230</b>
Phase 1 .....	230
Phase 2 .....	230
Pit 332 .....	230
Pit 2020 .....	231
Ditch 2068 .....	231
Phase 3 .....	232
<b>Discussion of road sections at Birdlip Quarry .....</b>	<b>232</b>
<b>Discussion of the finds .....</b>	<b>233</b>
<i>Pottery quantification .....</i>	<i>233</i>
<i>Residuality .....</i>	<i>233</i>
Period 2B .....	234
<b>Pottery distribution .....</b>	<b>234</b>
Pottery in relation to structures .....	234
Distributions of specific vessel types .....	235
Samian .....	235
Dressel 20 amphorae .....	235
Gallic amphorae .....	235
Savernake ware .....	236
Late grog-tempered ware .....	236
Late Roman shell-tempered ware .....	236
<b>Coin distribution .....</b>	<b>236</b>
Issue Phase A (before AD 259) .....	236
Issue Phase B (AD 260–296) .....	236
Issue Phase C (AD 297–330) .....	236
Issue Phase D (AD 331–402) .....	236
<b>Distribution of horse gear .....</b>	<b>238</b>
<b>Discussion of the site .....</b>	<b>238</b>
Settlement origins and layout .....	238
Site phasing and development .....	240
The economy .....	241
Circular stake wall structures (1463 and 1464) .....	242



## Contents

Structural technique .....	242
Iron Age tradition .....	243
Orientation .....	244
Patterning of activities within the roundhouses .....	245
<b>Stone-based circular/polygonal building 1452 .....</b>	<b>249</b>
Structural techniques .....	249
Spatial distribution of finds .....	250
<b>Other circular, partly circular or irregular buildings .....</b>	<b>252</b>
Area C: ovens and structure (Period 1) .....	252
Structure 1456 (Period 1, Area D) .....	253
Structure 1457 (Period 2A, Area D) .....	253
Structure 1458 (Period 1, Area E) .....	253
Structure 1459 (Period 2A, Area E) .....	253
Penannular structure 985 (Period 2B, Area A) .....	254
Partially circular structure 713 (Period 2B, Area A) .....	254
Wells .....	255
Corn dryer 42 .....	256
Area 3, rectangular structures .....	257
<b>4th-century structures in Area A, period 2B .....</b>	<b>258</b>
Structural sequence .....	258
Linear walls .....	258
The development of the structures in Area A .....	258
 <b>CHAPTER 5: ROAD EXCAVATIONS By Andrew Mudd and Simon Mortimer .....</b>	<b>261</b>
<b>INTRODUCTION .....</b>	<b>261</b>
<b>ERMIN STREET TRENCHES NORTH OF CIRENCESTER .....</b>	<b>261</b>
Introduction .....	261
Description of archaeological contexts .....	261
Dartley Bottom (Trench 8) .....	263
Cowley Underbridge (Trench 6) .....	264
Discussion .....	266
<b>ERMIN STREET TRENCHES SOUTH OF CIRENCESTER .....</b>	<b>271</b>
Introduction .....	271
Cirencester Road Trench 3 .....	271
Description .....	271
Discussion .....	272
Ermin Street at Street Farm .....	273
<b>BURFORD ROAD SECTIONS .....</b>	<b>273</b>
Introduction .....	273
General results .....	273
Trench descriptions .....	274
Discussion .....	274
<b>THE LYNCHES TRACKWAY .....</b>	<b>276</b>
Introduction .....	276
The Roman trackway .....	276
Description .....	276
Discussion .....	276
The post-medieval trackway .....	277
<b>THE ROAD EXCAVATIONS: DISCUSSION AND CONCLUSIONS .....</b>	<b>277</b>
Ermin Street .....	277
The Fosse Way and other roads east of Cirencester .....	280
Minor roads and trackways .....	281

## Volume 2: Contents

List of contents Volume 1 .....	v
List of contents Volume 2 .....	xiv
List of figures Volume 1 .....	xxiv
List of figures Volume 2 .....	xxvii
List of plates Volume 1 .....	xxxii
List of plates Volume 2 .....	xxxiii
List of tables Volume 1 .....	xxix
List of tables Volume 2 .....	xxix
 CHAPTER 6: THE MEDIEVAL AND POST-MEDIEVAL PERIODS .....	285
INTRODUCTION .....	285
STREET FARM by Ken Welsh, Paul Blinkhorn and Andrew Mudd .....	285
Introduction .....	285
Medieval and later quarrying .....	285
Building 164 .....	287
Summary .....	287
Phase 1a .....	287
Phase 1b .....	288
Phase 1c .....	290
Phase 2a .....	290
Phase 2b .....	290
Phase 2c .....	290
Associated structures .....	290
Post-medieval property boundaries .....	293
Other structures .....	294
Discussion of the site .....	294
Chronology .....	294
Building 164 and associated structures .....	295
MISCELLANEOUS EVIDENCE FROM OTHER SITES by Helen Drake, Andrew Mudd and Kate Atherton ...	297
Summary .....	297
Finds scatters .....	297
Early Saxon pottery from Latton and Duntisbourne Leer .....	297
Witpit Lane .....	297
Cherry Tree Lane .....	297
Ridge and furrow .....	298
Latton .....	298
Preston .....	298
Other sites .....	299
Lynchets at Birdlip Quarry .....	299
Daglingworth Quarry Dewpond .....	301
Description .....	301
Discussion .....	301
Boundary ditches .....	303
Walls .....	303
Daglingworth Warren Gorse House (Area 2) .....	303
Burford Road and Ermin Street sections .....	303
Quarry pits .....	304
Lower Street Furlong .....	304
St Augustine's Farm South .....	304
Exhibition Barn .....	304
Burford Road .....	304
Highgate House .....	304
Trackways and cobbled surfaces .....	305
Middle Duntisbourne hollow way .....	305
Trinity Farm hollow way .....	305
The Thames and Severn Canal .....	305
Weavers Bridge: river channels and water control ditches .....	305
River channels .....	305

<i>Alluvium</i> .....	306
<i>Drainage ditches</i> .....	306
<i>Discussion</i> .....	306
<b>CHAPTER 7: ARTEFACTUAL EVIDENCE</b> .....	307
<b>THE STRUCK FLINT</b> <i>by Theresa Durden</i> .....	307
<b>Trinity Farm</b> .....	307
<i>Introduction</i> .....	307
<i>Raw material and condition</i> .....	307
<i>The assemblage</i> .....	307
<i>Discussion</i> .....	307
<b>Birdlip Quarry</b> .....	307
<i>Introduction</i> .....	307
<i>Raw material and condition</i> .....	309
<i>The assemblage</i> .....	309
<i>Discussion</i> .....	310
<b>Duntisbourne Grove</b> .....	310
<i>Introduction</i> .....	310
<i>Raw material and condition</i> .....	310
<i>The assemblage</i> .....	310
<i>Debitage</i> .....	310
<i>Retouched pieces</i> .....	310
<i>Dating and discussion</i> .....	310
<b>All sites with small lithic assemblages</b> .....	311
<i>Introduction</i> .....	311
<i>Duntisbourne Leer</i> .....	311
<i>Preston Enclosure</i> .....	311
<i>Middle Duntisbourne</i> .....	311
<i>Cherry Tree Lane</i> .....	311
<i>Latton Watching Brief</i> .....	313
<i>Hare Bushes North</i> .....	313
<i>Street Farm</i> .....	314
<i>St Augustine's Farm South</i> .....	314
<i>Norcote Farm</i> .....	314
<i>Witpit Lane</i> .....	314
<i>Cirencester Watching Brief</i> .....	314
<i>Westfield Farm</i> .....	315
<i>Sly's Wall South</i> .....	315
<i>Exhibition Barn</i> .....	315
<b>Catalogue of illustrated flint</b> .....	315
<b>EARLIER PREHISTORIC POTTERY</b> <i>by Alistair Barclay</i> .....	315
<i>Introduction</i> .....	315
<i>Methodology</i> .....	315
<b>Fabrics</b> .....	315
<i>Neolithic</i> .....	316
<i>Late Neolithic/early Bronze Age</i> .....	316
<i>Beaker</i> .....	316
<i>Early Bronze Age</i> .....	316
<i>?Middle Bronze Age</i> .....	316
<i>Indeterminate and non-earlier prehistoric</i> .....	316
<b>Discussion</b> .....	316
<i>Earlier Neolithic</i> .....	316
<i>Later Neolithic and late Neolithic/early Bronze Age</i> .....	316
<i>Beaker</i> .....	317
<i>Early Bronze Age</i> .....	319
<i>?Middle Bronze Age</i> .....	319
<i>Late Bronze Age</i> .....	319
<i>Indeterminate later prehistoric</i> .....	319
<b>Conclusion</b> .....	320
<b>Catalogue of illustrated sherds</b> .....	320
<b>LATER PREHISTORIC AND ROMAN POTTERY</b> <i>by Jane Timby</i> .....	320

<b>Introduction</b>	<b>320</b>
<b>Iron Age and Roman fabric descriptions</b>	<b>321</b>
<b>Iron Age</b>	<b>321</b>
Shell-tempered	321
Limestone-tempered	321
Limestone and iron	321
Sand and limestone	322
Sandy wares	322
Grog-tempered	322
Flint-tempered	322
Malvernian rock-tempered	322
<b>Roman</b>	<b>322</b>
Native wares	322
Local wares	323
Foreign imports	323
Amphorae	324
Regional imports	324
Coarsewares, source unknown	324
<b>Preston Enclosure</b>	<b>325</b>
Catalogue of illustrated sherds	325
<b>Ermin Farm</b>	<b>325</b>
Catalogue of illustrated sherds	326
<b>Highgate House</b>	<b>327</b>
Catalogue of illustrated sherds	329
<b>Middle Duntisbourne</b>	<b>329</b>
Imports	329
The samian by G B Dannell	329
Gallo-Belgic wares by Jane Timby	329
The amphorae by David Williams	331
Discussion	331
Catalogue of illustrated sherds (coarsewares)	332
<b>Duntisbourne Grove</b>	<b>332</b>
Imports	332
The samian by G B Dannell	332
Gallo-Belgic wares and other fineware imports by Jane Timby	332
The amphorae by D Williams	332
Discussion	334
Catalogue of illustrated sherds	335
<b>Court Farm</b>	<b>335</b>
Iron Age	335
Roman	335
Catalogue of illustrated sherds	337
<b>Weavers Bridge</b>	<b>337</b>
Catalogue of illustrated sherds from midden (57)	338
<b>ROMAN POTTERY FROM BIRDLIP QUARRY, COWLEY by Jane Timby</b>	<b>339</b>
Introduction	339
Methodology	339
Condition	340
Fabrics and forms	340
Samian by Brenda Dickinson	340
Decorated ware	342
Potters' stamps	342
Imported wares	342
Amphorae	342
Coarsewares	342
Discussion	346
Area A (including Areas 2B and 2C)	346
Phase 1: occupation pre-dating structures	346
Phase 2: structures 1450 and 1451	346
Other phase 2 contexts	347
Phase 3	348
Phase 4	349

Phase 5 .....	349
Phase 6: groups 985, 713, 1460 .....	349
<b>Area B</b> .....	<b>350</b>
Phase 1 .....	350
Phase 2 .....	350
Phases 3 and 4 .....	350
Phase 6 .....	351
<b>Area C</b> .....	<b>351</b>
Phase 1: oven structure 643 and associated gullies 696 and 697 .....	351
<b>Area D</b> .....	<b>351</b>
Phase 1: structure 1456 .....	351
Phase 2: structure 1457 .....	351
Phase 3 .....	351
<b>Area 3</b> .....	<b>351</b>
Rectangular building .....	351
Corn dryer 42 .....	351
Wells 277, 299 and 891 .....	351
Boundary ditches .....	352
<b>The Birdlip Quarry pottery in its regional context</b> .....	<b>353</b>
<b>Catalogue of illustrated pottery</b> .....	<b>357</b>
Period 1, Area A .....	357
Phase 1 .....	357
Phase 2 .....	357
Period 1, Area 2C .....	357
Phase 2 .....	357
Period 1, Area C .....	358
Phase 1 .....	358
Period 1, Area D .....	358
Phase 1 .....	358
Period 1, Area E .....	358
Period 2, Area A and 2B .....	358
Phase 3 .....	358
Phase 3-4 .....	358
Phase 4 .....	358
Phase 5 .....	358
Phase 6 .....	358
Period 2, Area B .....	358
Phase 4 .....	358
Phase 6 .....	358
Period 2, Area C .....	358
Phase 3 .....	358
Period 2, Area D .....	358
Phase 2 .....	358
Period 2, Area 3 .....	358
Phase 2 .....	358
Period 2, Area 2A .....	359
Phase 2 .....	359
Other features .....	359
<b>Discussion of the Iron Age and Roman pottery</b> .....	<b>359</b>
Early-middle Iron Age .....	359
Later Iron Age/early Roman .....	362
Roman .....	365
<b>EARLY/MIDDLE SAXON POTTERY by Paul Blinkhorn</b> .....	<b>365</b>
Duntisbourne Leer .....	365
Latton Watching Brief .....	365
Catalogue of illustrated sherds .....	366
Discussion .....	366
<b>THE POST-ROMAN POTTERY by Paul Blinkhorn and Nigel Jeffries</b> .....	<b>366</b>
Street Farm .....	366
Introduction .....	366
Fabric descriptions and chronologies .....	366
Discussion .....	371

<i>Catalogue of illustrated sherds</i> .....	371
Pottery from the other sites .....	372
THE COINS by John A. Davies .....	372
Introduction .....	372
Field's Farm .....	372
Daglingworth Quarry .....	372
Burford Quarry .....	372
Street Farm .....	372
St Augustine's Lane .....	373
Weavers Bridge .....	373
Birdlip Quarry .....	375
BROOCHES by D F Mackreth .....	381
Colchesters .....	381
Colchester Derivative .....	383
Late La Tène .....	383
Rosette .....	384
Langton Down .....	384
Aucissa and related types .....	384
Trumpet .....	384
Unclassified .....	385
Penannulars .....	386
Fragment .....	386
COPPER ALLOY OBJECTS by Ian R. Scott .....	387
Birdlip Quarry .....	387
Introduction .....	387
Catalogue .....	387
Personal .....	387
Household .....	388
Military .....	388
Fastenings .....	388
Miscellaneous .....	388
Unidentified .....	388
Burford Road .....	388
Street Farm .....	390
IRON OBJECTS by Ian R. Scott .....	390
Birdlip Quarry .....	390
Introduction and methodology .....	390
Boot cleats .....	390
Catalogue .....	390
Personal .....	391
Writing .....	391
Household .....	391
Buckets .....	391
Locks, keys and door furniture .....	391
Horse gear and cart fittings .....	391
Hipposandals .....	393
Bridle bits .....	393
Cart fittings .....	393
Tools .....	393
Leatherworking tools .....	393
Carpenter's tools .....	393
Agricultural tools and equipment .....	393
Weapons .....	397
Structural fixtures and fittings .....	397
Bindings .....	397
Clamps, staples and other fastenings .....	397
Rings .....	397
Miscellaneous objects of unidentified function .....	399
Street Farm .....	399
Introduction .....	399
Composition of the ironwork assemblage .....	399
Date of the assemblage .....	399

# Contents

<i>Catalogue</i> .....	399
<b>Horse gear from other sites by Ian R. Scott</b> .....	403
<i>The assemblage</i> .....	403
<i>Horseshoes and hipposandals</i> .....	403
<i>Catalogue</i> .....	403
<i>Duntisbourne Grove</i> .....	403
<i>Ermin Street</i> .....	403
<i>Linchpins</i> .....	403
<i>Ermin Street</i> .....	403
<b>LEAD OBJECTS by Leigh Allen</b> .....	403
<i>Latton 'Roman Pond'</i> .....	403
<i>Weavers Bridge</i> .....	403
<i>Birdlip Quarry</i> .....	403
<i>Street Farm</i> .....	409
<i>Catalogue of lead objects</i> .....	409
<b>BONE OBJECTS by Leigh Allen</b> .....	409
<i>Birdlip Quarry</i> .....	409
<i>Ermin Farm</i> .....	409
<i>Weavers Bridge</i> .....	409
<i>Ermin Street</i> .....	409
<i>Catalogue</i> .....	410
<b>ROMAN GLASS FROM BIRDLIP QUARRY by Denise Allen</b> .....	410
<i>Vessels</i> .....	410
<i>Beads</i> .....	411
<b>POST-MEDIEVAL GLASS by Cecily Cropper</b> .....	411
<i>Summary</i> .....	411
<i>Cherry Tree Lane</i> .....	412
<i>Street Farm</i> .....	412
<i>Window glass</i> .....	412
<i>Vessel glass</i> .....	412
<i>Bottle glass</i> .....	412
<b>SHALE OBJECTS by Philippa Bradley</b> .....	413
<b>JET OBJECTS by Martin Henig</b> .....	414
<b>THE WORKED STONE by Fiona Roe</b> .....	414
<i>Introduction</i> .....	414
<i>Hare Bushes North</i> .....	414
<i>Duntisbourne Grove</i> .....	415
<i>Middle Duntisbourne</i> .....	416
<i>Norcote Farm</i> .....	416
<i>Preston Enclosure</i> .....	416
<i>Ermin Farm</i> .....	416
<i>Highgate House</i> .....	416
<i>Cherry Tree Lane</i> .....	416
<i>Birdlip Quarry</i> .....	416
<i>Standard materials</i> .....	416
<i>Non-standard materials</i> .....	417
<i>Objects that may relate to earlier occupation</i> .....	417
<i>Street Farm</i> .....	417
<b>Discussion</b> .....	417
<i>The materials</i> .....	417
<i>Chronological overview</i> .....	418
<i>Catalogue</i> .....	418
<i>Building stone from Birdlip Quarry</i> .....	419
<i>Catalogue</i> .....	420
<i>Burnt stone</i> .....	421
<b>THE FIRED CLAY by Alistair Barclay</b> .....	421
<i>Introduction</i> .....	421
<i>Methodology</i> .....	421
<i>Fabrics</i> .....	421
<i>Quantification</i> .....	421
<i>Loomweights</i> .....	421
<i>Briquettage salt containers</i> .....	421

Amorphous fired clay .....	421
<b>CERAMIC BUILDING MATERIAL</b> by Leigh Allen .....	424
Introduction .....	424
Methodology .....	424
Summary .....	424
Roman tile .....	424
Tile fabrics .....	424
Medieval tile .....	424
Conclusions .....	424
<b>WATERLOGGED WOOD</b> by N Mitchell .....	424
Introduction .....	424
Lynches Trackway .....	424
Latton 'Roman Pond' .....	425
Weavers Bridge .....	425
<b>SLAG AND RESIDUE</b> by G McDonnel .....	425
Introduction .....	425
Slag classification .....	425
Ferrous diagnostic slags and residues .....	426
Non-ferrous diagnostic residues .....	426
Non-diagnostic slags and residues .....	426
Discussion of slag types .....	426
Birdlip Quarry .....	426
Weavers Bridge .....	426
Ermin Farm .....	426
Conclusions .....	428
<b>CLAY PIPES</b> by W R G Moore .....	428
Street Farm .....	428
Makers' marks .....	428
Unmarked bowls .....	428
Decorated bowls .....	429
Plain stem fragments .....	429
Two marked clay pipe fragments from Cirencester .....	429
<b>CHAPTER 8: ENVIRONMENTAL EVIDENCE</b> .....	431
<b>ANIMAL BONE</b> .....	431
<b>Middle Duntisbourne and Duntisbourne Grove</b> by Adrienne Powell .....	431
Introduction .....	431
Methodology .....	431
Duntisbourne Grove .....	431
Relative abundance of the main domestic mammals .....	432
Body part representation and butchery .....	433
Age and sex of the main domestic mammals .....	434
Other mammals .....	435
<b>Middle Duntisbourne</b> .....	436
Relative abundance of the main domestic mammals .....	437
Body part representation and butchery .....	437
Ageing and sexing of the main domestic mammals .....	439
Other mammals .....	439
Birds .....	440
Size of livestock at Duntisbourne Grove and Middle Duntisbourne .....	440
Pathology .....	444
Oral pathology .....	445
Discussion .....	447
<b>Birdlip Quarry</b> by Kathy Ayres and Kate M. Clark .....	449
The assemblage .....	449
Species representation .....	450
Anatomical distribution of domestic mammal bone .....	450
Ageing and sexing of the main domestic mammals .....	452
Metrical data .....	454
Wild mammals .....	454
Birds .....	456



# Contents

<i>Butchery</i> .....	456
<i>Gnawing</i> .....	457
<i>Burning</i> .....	457
<i>Pathology</i> .....	457
<i>Worked bone</i> .....	459
<i>Sieved bone</i> .....	460
<i>Spatial analysis</i> .....	460
<i>Discussion</i> .....	460
<b>Other sites by Adrienne Powell</b> .....	462
<i>Summary</i> .....	462
<i>Highgate House</i> .....	463
<i>Five Mile House</i> .....	463
<i>Duntisbourne Leer</i> .....	463
<i>Field's Farm</i> .....	463
<i>Daglingworth Quarry</i> .....	463
<i>Ermin Street sections</i> .....	463
<i>Lynches Trackway</i> .....	463
<i>Burford Road</i> .....	463
<i>Cherry Tree Lane</i> .....	463
<i>Norcote Farm</i> .....	463
<i>Witpit Lane</i> .....	463
<i>Preston Enclosure</i> .....	467
<i>St Augustine's Lane</i> .....	467
<i>St Augustine's Farm South</i> .....	467
<i>Ermin Farm</i> .....	467
<i>Cirencester Road</i> .....	468
<i>Lower Street Furlong</i> .....	468
<i>Westfield Farm</i> .....	468
<i>Latton 'Roman Pond'</i> .....	468
<i>Street Farm</i> .....	468
<i>Court Farm</i> .....	468
<i>Weavers Bridge</i> .....	468
<i>Watching Brief</i> .....	468
<i>Conclusion</i> .....	468
<b>HUMAN SKELETAL MATERIAL by Angela Boyle</b> .....	469
<i>Trinity Farm</i> .....	469
<i>St Augustine's Lane</i> .....	469
<i>Lynches Trackway</i> .....	469
<i>Cirencester, Watching Brief</i> .....	469
<i>Birdlip Quarry</i> .....	469
<i>Weavers Bridge</i> .....	469
<b>CHARRED AND WATERLOGGED PLANT REMAINS by Ruth Pelling</b> .....	469
<i>Introduction</i> .....	469
<i>Methods</i> .....	469
<i>The Neolithic period</i> .....	470
<i>Birdlip Quarry</i> .....	470
<i>Duntisbourne Grove</i> .....	470
<i>The late Neolithic/early Bronze Age period</i> .....	471
<i>Trinity Farm</i> .....	471
<i>The Bronze Age period</i> .....	471
<i>St Augustine's Farm South</i> .....	471
<i>St Augustine's Lane</i> .....	471
<i>Miscellaneous earlier prehistoric features</i> .....	471
<i>Duntisbourne Leer</i> .....	471
<i>The earlier prehistoric economy</i> .....	472
<i>The later prehistoric period</i> .....	473
<i>The middle Iron Age</i> .....	473
<i>Preston Enclosure</i> .....	473
<i>Ermin Farm</i> .....	473
<i>Highgate House</i> .....	474
<i>Middle Duntisbourne</i> .....	474
<i>Duntisbourne Grove</i> .....	474

Miscellaneous later prehistoric features .....	474
Cherry Tree Lane .....	474
Cereal cultivation and the economy of the later prehistoric period .....	474
ERMIN STREET .....	475
WEAVERS BRIDGE .....	475
Charred plant remains .....	475
Waterlogged remains .....	477
Discussion .....	479
THE ROMAN PERIOD AT BIRDLIP QUARRY .....	479
Cereal remains .....	479
Ecological implications of weeds .....	480
Sample composition .....	480
Period one .....	480
Ovens .....	480
Well (feature 288) .....	481
Other features .....	481
Pit 180 .....	481
Period two .....	488
The corn dryer (feature 42) .....	488
Other pits .....	490
General discussion .....	490
THE MEDIEVAL PERIOD AT STREET FARM .....	491
Crop species .....	491
The weed assemblage .....	493
The charcoal .....	493
LAND AND FRESHWATER MOLLUSCA <i>by Mark Robinson</i> .....	494
Introduction .....	494
Methods and results .....	494
Highgate House .....	494
Field's Farm .....	495
Ermin Street Trench 8, Dartley Bottom .....	495
Middle Duntisbourne .....	495
Duntisbourne Grove .....	497
Trinity Farm .....	497
Latton: 'Roman Pond', macroscopic plant remains and mollusca .....	497
Street Farm .....	500
Weavers Bridge .....	500
THE CHURN VALLEY PROFILE AND SEDIMENTARY SEQUENCE <i>by Rob Scaife</i> .....	500
Introduction .....	500
Trench 2 .....	500
The Churn valley alluvial sediments .....	502
POLLEN ANALYSIS OF THE CHURN VALLEY RIVER CHANNEL <i>by Rob Scaife</i> .....	502
Introduction .....	502
Stratigraphy .....	502
Pollen methodology .....	502
Pollen data .....	505
Discussion and inferred vegetation .....	505
The depositional environment .....	505
The agricultural environment .....	509
The cultivated crops .....	509
Arable cultivation .....	509
Viticulture .....	509
Hemp cultivation .....	509
The woodland/arboreal flora .....	509
Conclusion .....	510
POLLEN FROM LATTON 'ROMAN POND' <i>by Rob Scaife</i> .....	510
Introduction .....	510
Methodology .....	510
Stratigraphy .....	510
Palynology .....	511
Inferred vegetation and suggested dating .....	511
Conclusions .....	512

## Contents

MARINE SHELL <i>by G Campbell</i> .....	512
Summary of results .....	512
Discussion .....	512
Note on the hand-recovered terrestrial shell .....	512
CHAPTER 9: DISCUSSION .....	513
THE EARLY PREHISTORIC PERIOD <i>by Alistair Barclay and Alan Lupton</i> .....	513
Palaeolithic and Mesolithic .....	513
The earlier Neolithic .....	513
The later Neolithic .....	514
The Beaker period .....	515
The early Bronze Age .....	516
The later Bronze Age .....	517
THE LATER PREHISTORIC PERIOD <i>by Andrew Mudd</i> .....	517
Early Iron Age .....	517
Middle Iron Age .....	519
Settlement .....	519
Land boundaries .....	520
Late Iron Age .....	521
THE ROMAN PERIOD <i>by Andrew Mudd</i> .....	523
Ermin Street .....	525
Settlement and land-use .....	525
Settlement pattern .....	526
Birdlip Quarry .....	527
THE POST-ROMAN PERIOD <i>by Andrew Mudd</i> .....	528
Settlement .....	528
Cultivation .....	529
Boundaries .....	530
Water management .....	530
APPENDICES .....	533
Appendix 1 Radiocarbon age determinations .....	533
Appendix 2 Animal bone measurements from Middle Duntisbourne .....	536
Appendix 3 Animal bone measurements from Duntisbourne Grove .....	538
Appendix 4 Pollen procedure and methodology .....	540
Appendix 5 Summary of ceramic building material .....	540
BIBLIOGRAPHY .....	544