Volume 2: Contents

List of contents Volume 1	v
List of contents Volume 2	xiv
List of figures Volume 1	
List of figures Volume 2	
List of plates Volume 1	xxxii
List of plates Volume 2	
List of tables Volume 1	xxix
List of tables Volume 2	xxix
CHAPTER 6: THE MEDIEVAL AND POST-MEDIEVAL PERIODS	285
STREET FARM by Ken Welsh, Paul Blinkhorn and Andrew Mudd	
Introduction	
Medieval and later quarrying	
Building 164 Summary	
Summury Phase 1a	
Phase 1b	
Phase 1c	
Phase 2a	
Phase 2b	
Phuse 20	
Pruse 2c Associated structures	
Post-medieval property boundaries	290
Other structures	
Discussion of the site	
Chronology	
Building 164 and associated structures	
MISCELLANEOUS EVIDENCE FROM OTHER SITES by Helen Drake, Andrew Mudd and Kate Atherton	
Summary	
Finds scatters	
Early Saxon pottery from Latton and Duntisbourne Leer	
Witpit Lane	
Cherry Tree Lane	
Ridge and furrow	
Latton	
Preston	
Other sites	
Lynchets at Birdlip Quarry	
Daglingworth Quarry Dewpond	
Description	
Discussion	
Boundary ditches	
Walls	
Daglingworth Warren Gorse House (Area 2)	
Burford Road and Ermin Street sections	
Quarry pits	
Lower Street Furlong	
St Augustine's Farm South	
Exhibition Barn	
Burford Road	
Highgate House	
Trackways and cobbled surfaces	
Middle Duntisbourne hollow way	
Trinity Farm hollow way	
The Thames and Severn Canal	
Weavers Bridge: river channels and water control ditches	305
River channels	

.

'

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

-

Excavations alongside Roman Ermin Street, Gloucestershire and Wiltshire

Introduction	
Iron Age and Roman fabric descriptions Iron Age	
Shell-tempered	
Limestone-tempered	
Limestone and iron	
Sand and limestone	
Sandy wares	
Grog-tempered	
Flint-tempered	
Malvernian rock-tempered	
Roman	
Native wares	
Local wares	
Foreign imports	
Amphorae	
Regional imports	
Coarsewares, source unknown	
Preston Enclosure	
Catalogue of illustrated sherds	
Ermin Farm	
Catalogue of illustrated sherds	
Highgate House	
Catalogue of illustrated sherds	
Middle Duntisbourne	
Imports	
The samian by G B Dannell	
Gallo-Belgic wares by Jane Timby	
The amphorae by David Williams	
Discussion	
Catalogue of illustrated sherds (coarsewares)	
Duntisbourne Grove Imports	
The samian by G B Dannell	
Gallo-Belgic wares and other fineware imports by Jane Timby	
The amphorae by D Williams	
Discussion	
Catalogue of illustrated sherds	
Court Farm	
Iron Age	
Roman	
Catalogue of illustrated sherds	
Weavers Bridge	
Catalogue of illustrated sherds from midden (57)	
OMAN POTTERY FROM BIRDLIP QUARRY, COWLEY by Jane Timby	
Introduction	
Methodology	
Condition	
Fabrics and forms	
Samian by Brenda Dickinson	
Decorated ware	
Potters' stamps	
Imported wares	
Amphorae	
Coarsewares	
Discussion	
Area A (including Areas 2B and 2C)	
Phase 1: occupation pre-dating structures	
Phase 2: structures 1450 and 1451	
Other phase 2 contexts	
Phase 3	
Phase 4	

,

i

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

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

Catalogue	. 399
Horse gear from other sites by Ian R. Scott	. 403
The assemblage	
Horseshoes and hipposandals	. 403
Catalogue	
Duntisbourne Grove	
Ermin Street	
Linchpins	
Ermin Street	
LEAD OBJECTS by Leigh Allen	403
Latton 'Roman Pond'	403
Weavers Bridge	
Birdlip Quarry	
Street Farm	
Catalogue of lead objects	
BONE OBJECTS by Leigh Allen	
Birdlip Quarry	
Ermin Farm	
Weavers Bridge	
Ermin Street	
Catalogue	. 410
ROMAN GLASS FROM BIRDLIP QUARRY by Denise Allen	
Vessels	
Beads	
POST-MEDIEVAL GLASS by Cecliy Cropper	. 411
Summary	
Cherry Tree Lane	. 412
Street Farm	. 412
Window glass	. 412
Vessel glass	. 412
Bottle glass	, 412
SHALE OBJECTS by Philippa Bradley	. 413
JET OBJECTS by Martin Henig	. 414
THE WORKED STONE by Fiona Roe	. 414
Introduction	. 414
Hare Bushes North	. 414
Duntisbourne Grove	. 415
Middle Duntisbourne	. 416
Norcote Farm	
Preston Enclosure	. 416
Ermin Farm	. 416
Highgate House	
Cherry Tree Lane	
Birdlip Quarry	
Standard materials	
Non-standard materials	
Objects that may relate to earlier occupation	
Street Farm	
Discussion	
The materials	
Chronological overview	
Catalogue	
Building stone from Birdlip Quarry	
Catalogue	
Burnt stone	
THE FIRED CLAY by Alistair Barclay	
Introduction	
Methodology	
Fabrics	
Quantification	
Loomweights Brigustoss solt containers	
Briquetage salt containers	.441

Amorphous fired clay	
CERAMIC BUILDING MATERIAL by Leigh Allen	
Introduction	
Methodology	
Summary	
Roman tile	
Tile fabrics	
Medieval tile	
Conclusions	
WATERLOGGED WOOD by N Mitchell	
Introduction	
Lynches Trackway	
Latton 'Roman Pond'	
Weavers Bridge	
SLAG AND RESIDUE by G McDonnel	
Introduction	
Slag classification	425
Ferrous diagnostic slags and residues	
Non-ferrous diagnostic residues	
Non-diagnostic slags and residues	
Discussion of slag types	
Birdlip Quarry	426
Weavers Bridge	
Ermin Farm	
Conclusions	
CLAY PIPES by W R G Moore	
Street Farm	
Makers' marks	
Unmarked bowls	
Decorated bowls	
Plain stem fragments	
Plain stem fragments Two marked clay nine fragments from Cirencester	
Plain stem fragments Two marked clay pipe fragments from Cirencester	
Two marked clay pipe fragments from Cirencester	
Two marked clay pipe fragments from Cirencester	
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE	
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell	
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction	
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction	
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction	429 431 431 431 431 431 431 431 431 431
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals	429 431 431 431 431 431 431 431 431 432
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery	429 431 431 431 431 431 431 431 432 433
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals	429 431 431 431 431 431 431 431 432 433 434
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals	429 431 431 431 431 431 431 431 432 433 434 435
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne	429 431 431 431 431 431 431 431 432 433 434 435 436
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals	429 431 431 431 431 431 431 431 431 432 433 434 435 436 437
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Body part representation and butchery Relative abundance of the main domestic mammals Middle Duntisbourne Body part representation and butchery	429 431 431 431 431 431 431 431 432 433 434 435 436 437 437
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Middle Duntisbourne Relative abundance of the main domestic mammals Middle Duntisbourne Relative abundance of the main domestic mammals Middle Duntisbourne Relative abundance of the main domestic mammals Middle Duntisbourne Relative abundance of the main domestic mammals Mody part representation and butchery Ageing and sexing of the main domestic mammals	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 437\\ & 437\\ & 439\end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Other mammals Other main domestic mammals Other mammals Other mammals	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 437\\ & 439\\ & 439\\ & 439\\ & 439\\ & 439\\ \end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Birds	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 439\\ & 439\\ & 439\\ & 440\\ \end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 436\\ & 437\\ & 439\\ & 439\\ & 439\\ & 440\\ & 440\\ & 440\\ \end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Differ mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Dither mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 437\\ & 439\\ & 439\\ & 439\\ & 440\\ & 440\\ & 444\end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Oral pathology	$\begin{array}{c} 429\\ & & 431\\ & & 431\\ & & 431\\ & & 431\\ & & 431\\ & & 431\\ & & 432\\ & & 433\\ & & 434\\ & & 435\\ & & 436\\ & & 437\\ & & 437\\ & & 439\\ & & 449\\ & & 440\\ & & 444\\ & & 445\\ \end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Size of livestock at Duntisbourne Grove and Middle Duntisbourne Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Oral pathology	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 437\\ & 439\\ & 439\\ & 439\\ & 440\\ & 440\\ & 444\\ & 445\\ & 447\\ \end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Oral pathology Oral pathology Discussion Birdlip Quarry by Kathy Ayres and Kate M. Clark	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 439\\ & 439\\ & 440\\ & 440\\ & 444\\ & 445\\ & 447\\ & 449\\ & 449\\ & 449\\ \end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Bidle Duntisbourne Relative abundance of the main domestic mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Oral pathology Discussion Birdlip Quarry by Kathy Ayres and Kate M. Clark The assemblage	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 439\\ & 439\\ & 439\\ & 440\\ & 444\\ & 445\\ & 445\\ & 447\\ & 449\\ & 44$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Discussion Birdlip Quarry by Kathy Ayres and Kate M. Clark The assemblage Species representation	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 439\\ & 439\\ & 439\\ & 440\\ & 444\\ & 445\\ & 445\\ & 447\\ & 449\\ & 44$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Oral pathology Discussion Birdlip Quarry by Kathy Ayres and Kate M. Clark The assemblage Species representation Anatomical distribution of domestic mammal bone	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 446\\ & 440\\ & 440\\ & 444\\ & 445\\ & 445\\ & 447\\ & 449\\ & 449\\ & 449\\ & 449\\ & 450\\ & 45$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Oral pathology Discussion Birdlip Quarry by Kathy Ayres and Kate M. Clark The assemblage Species representation Anatomical distribution of domestic mammal bone Ageing and sexing of the main domestic mammals	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 440\\ & 450\\ & 45$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE ANIMAL BONE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Other mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Discussion Discussion Birdlip Quarry by Kathy Ayres and Kate M. Clark The assemblage Species representation Anatomical distribution of domestic mammal bone Ageing and sexing of the main domestic mammal bone Ageing a	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 439\\ & 440\\ & 444\\ & 445\\ & 447\\ & 449\\ & 449\\ & 449\\ & 449\\ & 449\\ & 449\\ & 449\\ & 450\\ & 452\\ & 454\\ \end{array}$
Two marked clay pipe fragments from Cirencester CHAPTER 8: ENVIRONMENTAL EVIDENCE Middle Duntisbourne and Duntisbourne Grove by Adrienne Powell Introduction Methodology Duntisbourne Grove Relative abundance of the main domestic mammals Body part representation and butchery Age and sex of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Other mammals Middle Duntisbourne Relative abundance of the main domestic mammals Body part representation and butchery Ageing and sexing of the main domestic mammals Other mammals Birds Size of livestock at Duntisbourne Grove and Middle Duntisbourne Pathology Oral pathology Discussion Birdlip Quarry by Kathy Ayres and Kate M. Clark The assemblage Species representation Anatomical distribution of domestic mammal bone Ageing and sexing of the main domestic mammals	$\begin{array}{c} 429\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 431\\ & 432\\ & 433\\ & 434\\ & 435\\ & 436\\ & 437\\ & 439\\ & 439\\ & 440\\ & 444\\ & 445\\ & 445\\ & 447\\ & 449\\ & 449\\ & 449\\ & 449\\ & 449\\ & 449\\ & 449\\ & 449\\ & 450\\ & 450\\ & 454\\ & 45$

.

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

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

MARINE SHELL by G Campbell	2
Summary of results	2
Discussion	
Note on the hand-recovered terrestrial shell	2
CHAPTER 9: DISCUSSION	3
THE EARLY PREHISTORIC PERIOD by Alistair Barclay and Alan Lupton	3
Palaeolithic and Mesolithic	
The earlier Neolithic	3
The later Neolithic	4
The Beaker period	
The early Bronze Age	
The later Bronze Age	
THE LATER PREHISTORIC PERIOD by Andrew Mudd 517	
Early Iron Age	
Middle Iron Age	
Settlement	
Land boundaries	
Late Iron Age	
THE ROMAN PERIOD by Andrew Mudd	
Settlement and land-use	
Settlement and land-use	
Birdlip Quarry	
THE POST-ROMAN PERIOD by Andrew Mudd	
Settlement	
Cultivation	
Boundaries	
Water management	
APPENDICES	
Appendix 1 Radiocarbon age determinations	
Appendix 2 Animal bone measurements from Middle Duntisbourne	
Appendix 3 Animal bone measurements from Duntisbourne Grove	
Appendix 4 Pollen procedure and methodology	
Appendix 5 Summary of ceramic building material	0
BIBLIOGRAPHY	4