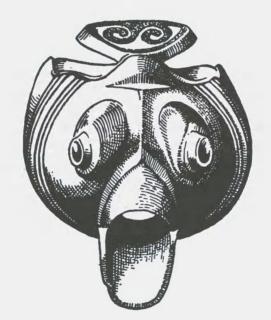
BEDFORDSHIRE ARCHAEOLOGICAL JOURNAL



VOLUME 9 1974

The BEDFORDSHIRE ARCHAEOLOGICAL JOURNAL is published by the BED FORDSHIRE ARCHAEOLOGICAL COUNCIL.

Additional copies may be purchased from the Hon. Treasurer at 63 Ampthill Road, Maulden Bedford, price £2.80, plus postage. The price to regular subscribers is £2.10, plus postage, and members of the constituent societies of the Bedfordshire Archaeological Council enjoy a reduced subscription of £1.75, plus postage where appropriate.

Contributions and matter for review should be sent to the Editor, the Bedfordshire Archaeological Journal, 55 Mount Grace Road, Stopsley, Luton, Bedfordshire, LU2 8EP.

Manuscripts should be typed on good quality paper with double spacing and a broad left-hand margin; photographs should be of at least half-plate size; and line illustrations should be of a size proportional to the page size of the journal, wheresoever possible; and must be fully lettered at a size suitable for the intended reduction. (Notes for contributors are available on request).

The Bedfordshire Archaeological Council:

Chairman	:	R. Fowler
Secretary	1	Miss E.G. Cole
Assistant Secretary	:	J.M. Bailey
Treasurer	3	B.D. Lazelle
Editor	1	David H. Kennett

together with representatives of the archaeological societies and museums of the county:

Ampthill and District Archaeological and Local History Society:

K.J. Fadden, B.D. Lazelle, Miss J.M. Sewell

Bedford Archaeological Society:

A.W. Guppy, H.S. Hoole, P.G. Tilson.

Bedford College of Education:

R.M. Smart. Bedford Museum:

Miss J.M. Hassall, F.W. Kuhlicke, H.J. Turner.

Conservation Unit, Planning Department, Bedfordshire County Council: D.B. Baker.

Higham Ferrers Hundred Archaeological Society:

D.N. Hall, J.B. Hutchings.

Luton Museum:

F. Hackett, R.K. Hagen.

Manshead Archaeological Society of Dunstable:

R. Fowler, C.L. Matthews, Mrs. J.M. Schnieder.

North Bedfordshire Archaeological Society:

Miss E.G. Cole, J. Moor, S. Moor.

Putteridge Bury College of Education:

J. Dyer, W.A. Gates

South Bedfordshire Archaeological Society: D.H. Kennett, T.P. Smith

D.H. Kennett, I.P. Smith

Material in the *Bedfordshire Archaeological Journal* is copyright. The views expressed by individual contributors are their own and do not necessarily reflect those of the Bedfordshire Archaeological Council.

BEOFOROSHIRE ARCHAEOLOGY

ESSAYS PRESENCED TO FREDERICK WILLIAM KUHLICKE, B.A., F.S.A., A.M.A.

being

BEDFORDSHIRE ARCHAEOLOGICAL JOURNAL

Volume 9 1974

Bedfordshire Archaeology: Essays Presented to Frederick William Kuhlicke being Bedfordshire Archaeological Journal, 9, 1974 is a special issue of the Bedfordshire Archaeological Journal to pay tribute to the work of Frederick William Kuhlicke as
Curator of the Pritchard Museum of Bedford Modern School, 1933 to 1959, and Director of Bedford Museum and Honorary Curator of the Collections of the Pritchard Museum of Bedford Modern School, 1959-1974, on the occasion of his retirement, 31 January 1974.
An especially bound copy of the volume was presented to Frederick William Kuhlicke B.A., F.S.A., A.M.A. at the Bedfordshire Archaeological Conference 15 November 1975

 Bedfordshire Archaeology: Essays Presented to Frederick William Kuhlicke being Bedfordshire Archaeological Journal, 9, 1974
 was edited and designed by David H. Kennett with additional proof-reading by Jane Hassall and John Hutchings. Cover by Terence Paul Smith.

BEDFORDSHIRE ARCHAEOLOGICAL JOURNAL

Volume 9 1974

THE BEDFORDSHIRE ARCHAEOLOGICAL COUNCIL LUTON MUSEUM, WARDOWN PARK LUTON, BEDFORDSHIRE

Notes on Contributors

DAVID BAKER MA FSA is Conservation Officer, Planning Department, Bedfordshire County Council. His excavations include the major programmes at Elstow Abbey from 1965 to 1972 and at Bedford Castle from 1969 to 1972. He has also conducted excavations on a number of sites within the town of Bedford. He has contributed papers on the first and last to previous issues of the *Bedfordshire Archaeological Journal* and on the second to *Chateau Galliard* VI.

H.K. CAMERON MA BSc PhD FRIC FSA is President of the Monumental Brass Society and its Honorary Technical Advisor. A retired Lecturer in Engineering of the University of Cambridge, he has recently been awarded a Leverhulme Fellowship for work on the metallurgical composition of monumental brasses.

A. COLIN COLE TD MA BCL FSA is the Windsor Herald, the College of Arms.

G.C. DUNNING BSc DLit FSA is sometime Inspector of Ancient Monuments of the then Ministry of Works and author of many papers on various aspects of medieval pottery, particularly the different types of roof-fittings. A former pupil of Bedford Modern School, he for long publicised the archaeology of Bedfordshire, through his work on the collections of the Pritchard Museum of Bedford Modern School.

JAMES DYER MA FSA is Principal Lecturer in Archaeology, Putteridge Bury College of Education, Luton. His recent books include Southern England: an archaeological guide and a revised edition of The Story of Luton. He has recently edited the manuscript account of a life of William Cunnington of Heytesbury, From Antiquary to Archaeologist, and he is the Meetings Secretary of the Prehistoric Society.

ELIZABETH S. EAMES MA MLitt FSA is an Assistant Keeper in the Department of Medieval and Later Antiquities, the British Museum, London, and author of many reports on medieval tiles.

R.K. HAGEN is the Archaeological Assistant, Luton Museum. He has contributed a number of papers to previous issues of the *Bedfordshire* Archaeological Journal.

JANE HASSALL BA is the Archaeological Assistant, Bedford Museum. She has been active in the excavations in Bedford town since 1970 and her recent excavations include those at the earthwork known as 'Willington Docks' and at the Harpur Centre, Bedford, as well as work on the lime kiln within the curtain wall of Bedford Castle. She has previously contributed papers to the *Bedfordshire Archaeological Journal*, the *Archaeological Journal* and the *Proceedings of the Hampshire Field Club*.

DAVID JOHNSTON MA FSA is Tutor in Archaeology, Department of Extra-Mural Studies, University of Southampton. He has done extensive work on the Romano-British occupation of Bedfordshire and Northamptonshire. He recently contributed a study of the pottery kilns of Northampton and its environs to the *Antiquaries Journal*.

DAVID H. KENNETT is an historian and archaeologist whose especial interests include the archaeology of the cemeteries of the Volkerwanderungszeit. He is the editor of the *Bedfordshire Archaeological Journal*.

CATHERINE REW BA AMA was Museum Education Officer, Bedford Museum, from 1971 to 1974 and was formerly on the staff of the Education Department of Liverpool Museums. She has subsequently taken part in a geographical expedition to the continent of South America and is now Assistant Curator with special responsibility for Education, Grosvenor Museum, Chester.

TERENCE PAUL SMITH BA MA is sometime Traherne Scholar of St David's College, Lampeter, and a member of St John's College, University of Cambridge. He has been engaged on research in the Faculty of Divinity of that university. He has published papers in philosolihy and in building history. The latter include studies of both ecclesiastical and secular buildings.

CONTENTS

Frederick William Kuhlicke, B.A., F.S.A., A.M.A.: an appreciation	• •		1
Frederick William Kuhlicke: a select bibliography	• •		4
Archaeology, Schools and Bedford Museum By Catherine Rew			9
The Excavation of Two Barrows at Galley Hill, Streatley By James Dyer			13
The Roman Settlement at Sandy, Bedfordshire			25
By David E. Johnston	**		35
Some Decorative Aspects of the Anglo-Saxon Shield By David H. Kennett			55
Some Anglo-Saxon Pennies from Bedford Mint now in Luton Muse By Richard Hagen	um		71
Bedford: Aspects of Town Origins and Development			
By Jane Hassall and David Baker	• •		75
The Earliest Work in the Church of St Mary, Bedford By Terence Paul Smith		* •	95
Excavations in the Area of Mill Street, Bedford, 1971 By David Baker, with G.C. Dunning and Elizabeth S. Eames			99
A Palimpsest Brass at Dunstable			
By H.K. Cameron			129
Frederick William Kuhlicke and Heraldry: a tribute			
By A. Colin Cole			135

V

LIST OF ILLUSTRATIONS

The Excavation of Two Barrows at Galley Hill, Streatley

1	The mutilated burials from barrow 3				
1b	Grave group from barrow 3			4	
2a	Horse skull deposit in barrow 3				
2b	Total excavation of barrow 4				-
1	The location of Galley Hill				14
2	Site plan of excavation on barrow 3				16
3	Sections of Galley Hill barrows 3 and 4				18
4	Small finds from Galley Hill barrow 3				20
5					21
6					22
7	Dental attrition patterns of skeletons from Galley	Hill			
	barrow 3				24
	Pathology of skeletons from Galley Hill barrow 3				25
9	Skeletons from Galley Hill barrow 3				26
0	Skeletons from Galley Hill barrow 3				27
1	The mutilated burials from Galley Hill barrow 3				29
	2a 2b 1 2 3 4 5	 1b Grave group from barrow 3 2a Horse skull deposit in barrow 3 2b Total excavation of barrow 4 1 The location of Galley Hill 2 Site plan of excavation on barrow 3 3 Sections of Galley Hill barrows 3 and 4 4 Small finds from Galley Hill barrow 3 5 Site plan of excavation of Galley Hill barrow 4 6 Pottery from Galley Hill barrow 4 7 Dental attrition patterns of skeletons from Galley barrow 3 8 Pathology of skeletons from Galley Hill barrow 3 9 Skeletons from Galley Hill barrow 3 10 Skeletons from Galley Hill barrow 3 	 1b Grave group from barrow 3 2a Horse skull deposit in barrow 3 2b Total excavation of barrow 4 1 The location of Galley Hill 2 Site plan of excavation on barrow 3 3 Sections of Galley Hill barrows 3 and 4 4 Small finds from Galley Hill barrow 3 5 Site plan of excavation of Galley Hill barrow 4 6 Pottery from Galley Hill barrow 4 7 Dental attrition patterns of skeletons from Galley Hill barrow 3 8 Pathology of skeletons from Galley Hill barrow 3 9 Skeletons from Galley Hill barrow 3 10 Skeletons from Galley Hill barrow 3 	1b Grave group from barrow 3 2a Horse skull deposit in barrow 3 2b Total excavation of barrow 4 1 The location of Galley Hill 2 Site plan of excavation on barrow 3 3 Sections of Galley Hill barrows 3 and 4 4 Small finds from Galley Hill barrow 3 5 Site plan of excavation of Galley Hill barrow 4 6 Pottery from Galley Hill barrow 4 7 Dental attrition patterns of skeletons from Galley Hill barrow 3 8 Pathology of skeletons from Galley Hill barrow 3 9 Skeletons from Galley Hill barrow 3 9 Skeletons from Galley Hill barrow 3	1b Grave group from barrow 3 2a Horse skull deposit in barrow 3 2b Total excavation of barrow 4 1 The location of Galley Hill 2 Site plan of excavation on barrow 3 3 Sections of Galley Hill barrows 3 and 4 4 Small finds from Galley Hill barrow 3 5 Site plan of excavation of Galley Hill barrow 4 6 Pottery from Galley Hill barrow 4 7 Dental attrition patterns of skeletons from Galley Hill barrow 3 8 Pathology of skeletons from Galley Hill barrow 3 9 Skeletons from Galley Hill barrow 3 10 Skeletons from Galley Hill barrow 3

The Roman Settlement at Sandy, Bedfordshire

Plate	3a	Bronze Phalera of M	edusa						
	3b	Roman Lamp from S	Sandy						
	3c	Sherd of Face Urn							
Fig	1	The Topography and	l Rom	an Se	ttleme	ent at	Sandy	 	 36
	2	The Bungalow: secti	ons					 	 37
	3	The Cemetery and C	hester	field		1.		 	 38
	4	Tower Hill: quarryin	ng and	conje	ctural	find-s	spots	 	 40
	5	Bronze handle with	Medus	sa				 	 42
	6	Bronze brooches		• •				 	 43
	7	Bronze objects						 	 44
	8	Bronze bracelet				1.1		 	 45
	9	Iron objects						 	 45
	10	Glass						 	 46
	11	The oculist's stamp						 	 46
	12	Ironstone last					· · ·	 	 47
	13	Flower vase and graf	fiti or	n pott	ery			 	 49
	14	Pottery						 	 50
	15	The economic basis						 	 51

Some Decorative Aspects of the Anglo-Saxon Shield

Fig	1	The shield fittings of Kempston grave 52	 	56
	2	Reconstruction of the shield from Kempston grave 52	 	57
	3	Shield-boss and shield binding from Kempston grave 38	 	59
	4	Objects from Kempston grave 136	 	60
	5	Zoomorphic shield appliques	 	61
	6	Shield-boss and shield fittings from Aylesbury	 	63
	7	Shield fittings and grip from Lakenheath		64
	8	Shield-boss and bronze pouch-mount from Kempston gr		65

Some Anglo-Saxon Pennies from Bedford Mint in Luton Museum

Plate 4 Anglo-Saxon Pennies in Luton Museum

Bedford: Aspects of Town Origins and Development

Plate 5	Aerial view of Bedford			
6a	Excavated section across the Kingsditch at Rays Close			
6b	Ovens and hearths at 5-11 St Mary's Street			
7a	St Cuthtert's Church			
7b	The Chapel of Herne			
8a	Bedford Bridge			
8b	The Old Swan Inn			
9a	St John's Street			
9b	Cauldwell Street			
10a	Cardington Road Terrace			
10b	'Hiawatha'			
Fig 1	The Archaeological Evidence for Settlement in the Bedf	ord		
	A		facing	
2			facing	
-1 -1, -1 -1 -1, -1 -1	Observed section across bank outside the Kingsditch		facing	
4	Pottery from the Kingsditch excavation in Ray's Close			
5	Ded Condition		facing	
6	Bedford: Historic Sites and Buildings		facing	
7	Bedford: the expansion of the urban area, 1610-1903		facing	
8	Bedford: buildings of 1841 surviving in 1974		facing	
9	Bedford: excavation and development			

The Earliest Work in the Church of St Mary, Bedford

Fig	1	Plan of the church of St Mary, Bedford	96
	2	Location of churches with Anglo-Saxon features in the	
		Ouse Valley	97

Excavations in the Area of Mill Street, Bedford, 1971

Plate	lla	43 Mill Street: walls of building 1	
	11b	43 Mill Street: hearth with reused floor tiles	
	11c	43 Mill Street: detail of hearth with reused floor tiles	
	11d	Litson's Timber Yard: Trench 22, foundations	
	12	Knight Finial from 43 Mill Street, Bedford	
	1.3a	Finial of Musician from Sainte-Marie-les-Anvers, Antwerp	
	13b	Horse and Rider finial from Hitchin, Hertfordshire	
	13c	Leg of knight finial from Eresby, Lincolnshire	
	14a	Horse and rider finial from Totnes, Devon	
	14b	Horse and rider finial from Polperro, Cornwall	
	14c	Horse and rider finial from Bridport, Dorset	
	14d	Horse and rider finial from Plymouth, Devon	
	15a	Knight finial from Bruges, Belgium	
	15b	Knight finial from Bruges, Belgium	
	15c	Knight finial from Ghent, Belgium	
	15d	Knight finial from Ghent, Belgium	
	16	Knight finial from Chateau de Sarcus, Oise, France	

Fig	1	Location Plan for Mill Street Excavations					100
-	2	43 Mill Street: plans					101
	3	Litson's Timber Yard: plan and sections					102
	4	Howard Street: plans and sections					104
	5	Pottery					107
	6	Pottery					109
	7	Pottery					110
	8	Pottery					111-
	9	Knight Finial, 43 Mill Street, Bedford					113
	10	Distribution of post-medieval horse and rid	der fin	ials in			
		south-west England					117
	11	Horse Head of finial, St Omer, Pas-de-Cala					120
	12	Distribution map of medieval knight finial	s and h	iorse a	nd rid	ler	
		finials in England Belgium and France					121
	13	Decorated Tiles					124
	14	Small Finds					126

A Palimpsest Brass at Dunstable

Fig	1	The Fynche Brass in Dunstable Priory Church		129
	2	Obverses and reverses of the figures of the Fynche brass	130 and	131
	3	Obverses and reverses of the shields of the Fynche brass		132
	4	Reconstruction of the engravings on the reverse of the Fynch-	e	
		brass		133
	5	Obverses and reverses of the children of the Fynche brass		134