

ARCHAEOLOGY
at
OXFORD

Report of the School of Archaeology
2006–2007

University of Oxford

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1. CHAIRMAN'S REPORT FOR THE YEAR 2006–2007

This was a year of new beginnings, with staff members joining the School of Archaeology. Dr Amy Bogaard was appointed to a University Lectureship in Neolithic and Bronze Age Archaeology of Europe and the Near East in association with St Cross and St Peter's Colleges and we are very glad to add to our strength in these key areas of prehistory. In addition, Dr Dan Hicks was appointed to a Curator-Lectureship in the Archaeology of the Modern World joint with the Pitt Rivers Museum (in association with St Cross College) and we are very glad that this both strengthens our relationships with one of the University's major museums, as well as extending our temporal coverage in historical archaeology. Dr Hicks replaced Professor Chris Gosden who had been awarded the chair in European Archaeology held in parallel for one year with Professor Barry Cunliffe. In addition, there were a number of internal promotions to Professors Hamerow, Lock, Mitchell and Ramsey which we feel indicates the strength of the School in all areas of archaeology.

2. THE UNIVERSITY'S ARCHAEOLOGICAL UNITS

2.1. *Under the School of Archaeology*

Institute of Archaeology

36 Beaumont Street, Oxford, OX1 2PG (01865) 278240; Fax (01865) 278254

Professor Sir Barry Cunliffe, Professor of European Archaeology
Professor C. Gosden, Professor of European Archaeology (elect)
Professor R.R.R. Smith, Lincoln Professor of Classical Archaeology and Art
Professor A. Wilson, Professor of the Archaeology of the Roman Empire

Professor R.N.E. Barton, Lecturer in Palaeolithic Archaeology, Director of the Institute
Dr L. Bendall, Rachel & Sinclair Hood Lecturer in Aegean Prehistory
Dr A. Bogaard, Lecturer in Neolithic and Bronze Age Archaeology
Dr J. DeLaine, Lecturer in Roman Archaeology
Professor H. Hamerow, Lecturer in Medieval Archaeology
Dr D. Hicks, Lecturer/Curator in the Archaeology of the Modern Period
Professor D.C. Kurtz, Professor of Classical Art
Professor G. Lock, Lecturer in Archaeology
Dr M. Mango, Lecturer in Byzantine Archaeology
Professor P. Mitchell, University Lecturer in African Prehistory
Dr D. Robinson, Director of the Oxford Centre for Maritime Archaeology
Dr R. Schulting, Lecturer in Scientific and Prehistoric Archaeology

Departmental lecturers

Dr S. Crawford
Dr K. Ulmschneider

Research Assistants

Ms E. Durham
Mr Duncan Garrow
Ms Z. Kamash
Dr A. Marzano
Dr Cath Price

Visiting Research Fellow

Dr Adrian Parker (Oxford Brookes)

Visiting Lecturer

Dr M. Henig

Honorary Research Associates

Dr D. Briggs
Dr I. Brown
Dr D. Bukach
Dr E. Cameron

Dr G. Gilmour
Mr T. Hassall
Dr P.M. Kenrick
Dr E. Lianta
Dr S. Milliken
Dr A. Mitchell
Dr A. Papagiannaki
Dr R. Prentice
Miss G. Seidmann
Ms G. Vitelli Michelson
Dr S. Yeates
Mrs S.M. Youngs

Research Staff

Dr P. de Jersey/Dr J. Sills (Celtic Coin Index)
Ms V. Rigby (Gallo-Belgic Pottery)
Dr J. Timby (Gallo-Belgic Pottery)

Professor Nick Barton has taken over as Director from Dr Gary Lock for a period of two years.

Professor Chris Gosden was appointed Professor of European Archaeology and took up his post on the retirement of Professor Cunliffe.

There were a larger than usual number of staff changes. The Institute was pleased to welcome Dr Rick Schulting (Queen's University, Belfast), Lecturer in Scientific and Prehistoric Archaeology. His post which began in January is the first to be shared with the Research Laboratory for Archaeology and the History of Art. Dr Damian Robinson was appointed Director of the Oxford Centre for Maritime Archaeology and joined the Institute at the beginning of March. Funding for OCMA by the Hilti Foundation was renewed for a further three years. Dr Amy Bogaard (University of Nottingham) was appointed to the University Lecturership in Neolithic and Bronze Age Archaeology and joined the Institute in May. Dr Dan Hicks (University of Bristol) was appointed to the University Lecturership/Curatorship in the Archaeology of the Modern Period (post-AD 1500). He will join the Institute and the Pitt Rivers Museum in August. Dr Zena Kamash was appointed Research Assistant to Professor Gosden. Dr Philip de Jersey took up an appointment in Guernsey and has been replaced by Dr John Sills who will now curate the Celtic Coin Index. Dr Lemos moved to the Classics Centre. Mr Stephen Hick was appointed School of Archaeology Finance Officer, starting in September.

In addition to these appointments Professor Peter Mitchell became a full-time member of the Institute of Archaeology (his post having been previously shared with the Pitt Rivers Museum). Ms Tania Kovatz joined the Institute as Artist-in-Residence, funded by the Leverhulme Trust. Dr Sally Crawford and Dr Katharina Ulmschneider joined the Institute as Departmental Lecturers on a job-sharing basis, replacing Professor Hamerow, who is the holder of a one-year British Academy Senior Research Fellowship. Dr Hallie Meredith became Archaeology Graduate Teaching Co-ordinator for Hilary and Trinity Terms. The post was created via University funds to offer those postgraduate research students and contract research staff seeking academic careers the opportunity to develop their teaching and academic practice skills.

The Institute continues to accommodate a number of major research projects, including the Hillforts of the Ridgeway and Vale and Ridgeway Projects, The Tchalenko Archive Project, the Celtic Coin Index, the Pioneers of Island Melanesia Project, the Biogeography of Human Colonisation and Extinction in the Late Pleistocene of Southern Iberia Project, the Environmental Factors in Human Evolution and Dispersals in the Upper Pleistocene of the Western Mediterranean Project, the Danebury Environs Roman Programme, the Le Yaudet Project and the Gallo-Belgic Pottery in Britain Project. In addition, Dr Bogaard began work on her NERC-funded project on crop stable isotope ratios and new approaches to palaeodietary and agricultural reconstruction. Professor Hamerow was awarded a one-year British Academy Senior Research Fellowship.

Professor Cunliffe attended a ceremony in Buckingham Palace and received his Knighthood from Prince Charles.

In terms of accommodation and administrative matters, the new Visitors' Room and the Student Study Area in the attic were fully refurbished and are now occupied. The Institute Residents' Meeting was dissolved and reconvened as the Institute Departmental Meeting (incorporating the Departmental Health and Safety Meeting). The Institute continues to focus on offering high quality services in the areas of Photography and Graphics where further developments and upgrades have progressed our digitization programme. The layout of the Graphics Office was changed to accommodate new equipment. The old Computer Room was converted into the Institute Project's Archive Room. The Advanced Computer Room has been upgraded. It offers GIS and other specialist software. Storage and working facilities in the Sackler basement have been improved.

The Institute also continued to provide a venue for a wide range of seminars, lectures and symposia representing the diverse intellectual interests of its staff and students. The Donald Baden-Powell Centre for Palaeolithic Research and the Oxford Centre for Maritime Archaeology continue to be important elements within the Institute.

Our Honorary Research Associates now total 16 and continue to contribute to the intellectual and social life of the Institute.

Research Laboratory for Archaeology and the History of Art

Dyson Perrins Building, South Parks Road, Oxford, OX1 3QY (01865) 285222; Fax (01865) 285220

Professor A.M. Pollard, Director, Edward Hall Professor of Archaeological Science
Professor R.E.M. Hedges, Deputy Director, Professor of Archaeological Science

Research Assistants

Dr A. Allsop	Ms J. Hamilton
Dr L. Basell	Dr T. Higham
Dr S. Blockley	Dr C. Ramsey
Dr F. Brock	Dr L. Reynard
Dr P. Ditchfield	Dr J. Rowland
Mr C. Doherty	Dr J.-L. Schwenninger
Ms B. Emery	

Honorary Research Associates

Dr N. Easthaugh	Dr A. Shortland
Dr B.J.J. Gilmour	Professor N. Wood
Dr D. Miles	

During the year, the Research Laboratory has continued to undertake research in radiocarbon dating, luminescence dating, studies of ceramics and vitreous materials, biomolecular archaeology and soil magnetic properties. The M.Sc. in Archaeological Science was taught in 2006–7 with five students, two of whom obtained distinctions. For 2007–8, five students have registered for the course.

The Research Laboratory saw the success of the RESET consortium grant with Royal Holloway, National Oceanography Centre and the Natural History Museum to conduct research over a five-year period into the effects of abrupt climate change on human evolution and adaptation in the Late Quaternary. The total grant is for £3.2 million with £1.1 million to the School of Archaeology. Christopher Ramsey will be co-ordinating the radiocarbon dating and the statistical analysis that will tie together the Chronology and Simon Blockley the tephrochronology. The grant will bring a technician into the tephra group in 2008 and a new postdoc in 2009. The Oxford contribution to this programme is coordinated by Mark Pollard.

The Radiocarbon Accelerator Unit also heard of the success of their bid for the continuation of the NERC radiocarbon service for Archaeologists in the UK. This will now be for a further five years and will be operated as a joint facility with East Kilbride NERC radiocarbon laboratory. Both labs are working closely together on the Lake Suigetsu radiocarbon calibration record.

Christopher Ramsey and Tom Higham gave invited talks in Santander and visited the site of La Garma with the intention of collaborative work on this and other sites in the region. Sampling trips for the NERC Palaeolithic project to Spain (Barcelona, the Basque Country), Belgium (Brussels) and France (Poitiers and Paris) were also undertaken.

Thomas Higham appeared on the BBC Discovery Programme's 'The Dating Game' with

Aubrey Manning (as did Jean-Luc Schwenninger) and received a book award for the best scholarly book on archaeology by the Biblical Archaeology Society, as co-editor of the book *The Bible and Radiocarbon Dating: archaeology, text and science*. In citing Higham and his co-author Dr Tom Levy, Professor of Anthropology at the University of California at San Diego, judges for the award said the book is critical, timely, well-produced and sure to have an immediate impact on the field.

Thomas Higham also appeared on the Radio 4 science programme 'The Material World' with Quentin Cooper talking about dating and radiocarbon along with Chris Turney, author of the recent book *Bones, rocks and stars: The science of when things happened*. He visited The National Museums of Wales-Cardiff to sample bone from Coygan Cave and Goats Hole, Paviland with Dr Roger Jacobi and he also visited Royal Holloway to see Dr Wolfgang Müller to discuss research projects concerned with LA-MC-ICPMS and the reconstruction of hominin life histories.

Simon Blockley gave an invited presentation at the Greenland Ice Core dating conference in Copenhagen and seminar presentations at the Bradford Archaeological Science Seminar Series and the Liverpool Evolutionary Anthropology Seminar Series. Christine Lane and Anna Oh conducted fieldwork in Italy and a publication by members of the group appeared in the journal *Applied Geochemistry* (Pollard, Blockley and Lane).

Members of the tephra group (Blockley and Oh) undertook preliminary fieldwork at a number of sites in eastern and western Morocco.. This was part of an ongoing collaborative research project with Professor Nick Barton (Institute) and Dr Jalil Bouzouggar (INSAP, Rabat, Morocco). Members of the tephra research group presented at the UK-Archsci conference, Cambridge (Blockley, paper, Lane, poster and Oh poster) and at the Quaternary Research Association postgraduate conference in Copenhagen (Lane, poster and Oh, poster).

The tephrochronology group has also secured funding in collaboration with Kathy Willis (Oxford Geography) and John Lowe (Royal Holloway) from the NERC QUEST initiative, to support tephra studies in long palaeoclimate archives, as part of an initiative to look at environmental changes during the last deglaciation.

Jean-Luc Schwenninger and David Peat carried out fieldwork on various archaeological sites in Suffolk, Leicestershire, Shropshire and Wales. Dr Schwenninger took part in an expedition to Egypt conducted by Dr A.J. Shortland (Centre for Archaeological and Forensic Analysis, Cranfield University) and attended a reception for representatives of the British Scientific Community at Buckingham Palace on 24 October. David Peat and Jean-Luc Schwenninger carried out fieldwork at Devil's Ditch near Thetford in Norfolk in collaboration with S. Bates and G. Trimble based at Norfolk Archaeological Unit.

Members of the Luminescence team carried out fieldwork at a site near Gravesend in Kent (with Oxford Archaeology), a site on Gibraltar (with Clive Finlayson, Gibraltar Museum), took samples at Banwell cave with Roger Jacobi (Natural History Museum) and in the Valsequillo basin near Puebla in Mexico (with Professor Silvia Gonzalez and Professor David Huddart from Liverpool John Moores University and Professor Matthew Bennett, University of Bournemouth).

Jean-Luc Schwenninger attended the annual UK Luminescence and ESR conference in Sheffield (12–14 September) and was a co-author on three high profile papers published in the journals *Science* and *Proceedings of the National Academy of Sciences*.

Chris Doherty undertook a second season of fieldwork at Catalhoyuk as part of a new study of the clay-based materials (mudbricks, pottery, figurines, clay balls, plasters, stamp seals, and pigments). Two main objectives were met this year: 1) a general characterization of all the clay-based materials in use at the site, 2) a pilot program of sediment coring across the immediate Catalhoyuk landscape to identify the nature and distribution of the clays. This has given a more comprehensive understanding of the provenance and changes in use of these raw materials. Further, this materials focus is now starting to question the exact nature of the Catalhoyuk landscape.

Visitors to the Luminescence Lab included Dr L. Arnold and Dr Z. Jacobs (Wollongong University, Australia), Dr E.J. Rhodes (Australian National University), Dr B. Smith (Australia), Professor A. Wintle (University of Aberystwyth) and Mr R. Bittlestone (Matapraxis Ltd.).

Visitors to the Research Laboratory included Dr Eberhard Sauer (Edinburgh University), Dr Martin Bates and Professor Geoff Duller (Aberystwyth, University of Wales), Dr Edward Rhodes (Canberra University, Australia), Dr Francis Wenban-Smith (University of Southampton), Dr Antonio M. Monge Soares (Radiocarbon Laboratory, Portugal) and Dr Mohammed Mahran Askalany (Egypt). Jack Shukman (currently studying for his A levels) came on a three-day work-experience placement.

The Donald Baden-Powell Quaternary Research Centre (Institute of Archaeology)

36 Beaumont Street, Oxford, OX1 2PG (01865) 278240

Professor R.N.E. Barton, University Lecturer in Palaeolithic Archaeology and Honorary Director of the Centre

The Research Centre provides a focal point for teaching and research of Palaeolithic archaeology and related Quaternary sciences. Research projects continued to be directed towards the western Mediterranean (Environmental Factors in Human Evolution and Dispersals in the Upper Pleistocene of the Western Mediterranean), funded by NERC, and the Late Upper Palaeolithic & Mesolithic of Britain & Northwest Europe (Oxford University-sponsored). Two of the students attached to the NERC project completed their doctorates this year (Richard Jennings, Steven Ward). The Centre also continues to work with two Honorary Research assistants (Dr Adrian Parker and Dr Simon Collcutt) both of whom directly contribute to the western Mediterranean project. Other collaborations across the University include those with Research Laboratory for Archaeology and the History of Art (Professor Hedges, Dr Higham, Professor Bronk-Ramsey, Dr Ditchfield, Dr Schwenninger and Dr Blockley), Oxford University Centre for the Environment (Dr Willis), Earth Sciences (Dr Gideon Henderson). Exterior collaborators are the Natural History Museum, London (Professor Stringer, Dr Humphrey and Dr Parfitt) and Römisches-Germanisches Zentral Museum, Mainz (Dr Street and Dr Turner).

Teaching for the Centre was undertaken by Dr Price (NERC-funded PDRA) who gave a

short course on the identification of small mammals for research students and completed her post-doctoral work on the EFCHED project. The small teaching collection of lithic artefacts was also utilized by Professor Barton and Dr Phoca-Cosmetatou (Junior Research Fellow at Keble College) for undergraduate core courses of the Archaeology and Anthropology degree.

PADMAC Unit (Unit for the study of Palaeolithic artefacts and associated deposits mapped as Clay-with-flints and Palaeolithic artefacts and associated deposits in a Middle-Eastern (Arabian) context) (Pitt Rivers Museum)

Pitt Rivers Museum, 60 Banbury Road, Oxford, OX2 6PN

Dr J.E. Scott-Jackson, PADMAC Unit, Director

Dr P. Horlick, PADMAC Unit, Research Fellow

Dr W.B. Scott-Jackson, PADMAC Unit, Research Fellow

Dr H. Walkington, PADMAC Unit, Associate Research Fellow (also at Brookes University, Oxford)

Dr A. Thomas, PADMAC Unit, Associate Research Fellow (also at *Neflex* Petroleum Consultants)

Dr V. Winton, PADMAC Unit, Associate Research Fellow (also at University of Liverpool)

The PADMAC Unit is a multi-disciplinary geo-archaeological Unit specializing in geology; sedimentology; pedology; Palaeolithic artefact technology; landscape archaeology; spatial analysis and geophysics. The Unit offers students and researchers an opportunity to investigate geo-archaeological processes implicated in the retention, over geological time, of high-level *in situ* Palaeolithic sites on Karstic landforms, particularly the chalk downlands of southern England, and the genesis, variability and distribution of the associated (English) deposits mapped as Clay-with-flints. Also investigated by the PADMAC Unit are Palaeolithic sites found in similar high-level contexts both in Continental Europe and the Middle East. In many instances, these high-level sites represent the earliest evidence of human occupation – in Britain from around 600,000 to 40,000 years ago and in the Middle East considerably earlier.

Included in the field investigations undertaken by the Unit are geophysical surveys employing resistivity, magnetometry, and magnetic susceptibility techniques. GPS, micro-topographic and photogrammetry survey techniques are also deployed and developed in order to identify and map subtle landscape features for inclusion in the Unit's GIS databases.

Dr Julie Scott-Jackson (PADMAC Unit Director, Senior Research Fellow: specializing in the geology, sedimentology, geomorphology and associated Palaeolithic archaeology of Karstic landforms in Europe and the Middle East) is responsible for the Unit's research agenda, training, fieldwork, management and fund raising.

Dr Penny Horlick (PADMAC Unit, Research Fellow: specializing in Spatial Analysis and GIS). In addition to working on a relational database (e.g. entering topographic and Palaeolithic artefact details from the Unit's teaching site at Dickett's Field, Alton, Hampshire) she carried out fieldwork at Dickett's Field and at Dummer Clump, Hampshire (both sites are on deposits mapped as Clay-with-flints). The distribution patterns of these artefacts are being determined through the use of spatial analysis and geographical information systems.

Dr William B. Scott-Jackson (PADMAC Unit, Research Fellow: specializing in Applied Landscape Archaeology) produced GIS database mapping; viewshed analyses and section susceptibility mapping for the PADMAC Unit's areas of interest. He also investigated historical sources and aerial photographs with the emphasis on: Sharjah Emirate, United Arab Emirates; the Riyadh area of the Kingdom of Saudi Arabia; also Dummer Clump and Dickett's Field, Alton, both sites in Hampshire, UK. In addition, he is currently developing specific photogrammetric recording and spatial analysis systems which can be used in difficult site situations to record deposits and artefacts.

Dr Helen Walkington (PADMAC Unit, Associate Research Fellow/Oxford Brookes University, principal lecturer in geography and teaching fellow). As a pedogeomorphologist she continued her work on the physical properties of archaeological and associated soils/sediments. She is also piloting a national e-journal in undergraduate research for geography.

Dr Alice Thomas (PADMAC Unit, Associate Research Fellow/also at *Neflex* Petroleum Consultants Ltd). Having completed a D.Phil. investigating the development of deposits mapped as Clay-with-flints, she is now employed as a sedimentologist analysing the geology and sediments of the Middle East.

Dr Vicky Winton (PADMAC Unit, Associate Research Fellow/University of Liverpool, lecturer in Palaeolithic archaeology). In addition to her research on the British/European Palaeolithic she has extended her work to include the Palaeolithic artefact technology of sub-Saharan Africa.

2.2. *Under other departments*

Cast Gallery (Ashmolean Museum)

The Cast Gallery was closed during the year under review.

The Beazley Archive (Ioannou Centre for Classical and Byzantine Studies)

66 St Giles', Oxford, OX1 3LU (01865) 278083

Professor D. Kurtz (Archivist)

The Beazley Archive, which has belonged to the Faculty of Classics since its acquisition by the University in the late 1960s, was moved in to the new Ioannou Centre for Classical and Byzantine Studies in spring 2007. After nearly 40 years in the basement of the Ashmolean Museum's Cast Gallery, the Archive was given a purpose-built suite of offices. It is directed by Professor Donna Kurtz with Dr Thomas Mannack (50%FTE) responsible for ceramics, Dr Claudia Wagner for engraved antique and post-antique gems, Greg Parker (60%FTE) for ICT, and Nicole Harris as Administrator and Web Master. Graduates and undergraduates work in the Archive during the year on a range of projects. Lincoln Professor Emeritus, Sir John Boardman, works in the Archive and contributes significantly to its research output.

To acknowledge the significance of the installation of the Archive in the Ioannou Centre and its greatly enhanced content and broader remit the primary name was changed to Classical Art Research Centre. As part of this 'rebranding' the web pages of www.beazley.ox.ac.uk were transferred to CSS, with the 'Classical Art Research Centre' being given precedence over 'Beazley Archive'. This rebranding also reflects the aims of CLAROS (www.clarosnet.org).

The content has been organized in the following sections: Art, Pottery, Gems, Sculpture, Antiquaria, Dictionary, Databases and Tools. Art provides essays on the scholarship, collection and reception of classical art, the sections on Pottery, Gems and Sculpture (including plaster casts, also available on www.plastercasts.org) provide them for these media in greater detail. Antiquaria presents antiquarian books, photographs and glass plates, the Dictionary an illustrated guide to major people, places and myths. Databases with more than 200,000 objects can be searched by medium or across all datasets. Pottery, for example, now includes both the 300plus digitized out of print fascicules of *Corpus Vasorum Antiquorum* (also available on www.cvaonline.org) and about 8000 inscriptions from Henry Immerwahr's unpublished *Corpus of Attic Vase Inscriptions*. Within Pottery and Sculpture/plaster casts there are illustrated catalogues of pieces in the Ashmolean Museum. Tools offers users interactive timelines and programmes specifically designed for students. In addition, the newly rebranded site offers Highlights of programmes and background information about the Archive, Sir John Beazley and Sir John Boardman, the Ioannou School and Studying Classics at Oxford. Hyperlinks throughout the site enable users to access information easily and swiftly. The design principle is 'access for all'; essays written by Sir John Boardman and the Archivist and programmes for students by the latter provide a stylish and 'user-friendly' front end to the formidable infrastructure of scholarly datasets. The more than 5 terabytes of data serving www.beazley.ox.ac.uk receive more than 250,000 hits per day.

The Archive's impressions of engraved gems and cameos span antiquity to the nineteenth century and are of great interest to historians of art as well as archaeologists. Most of the Archive's impressions of engraved antique and post antique gems came from Sir John Beazley and Sir John Boardman. These have been the focus of extensive scholarly research during the past three years. Gorlaeus' *Dactyliotheca Seu Annulorum Sigillarium quorum apud Priscos tam Graecos Quam Romanos usus* (1611) and Rudolf Raspe's eighteenth-century *Descriptive Catalogue of a General Collection of Ancient and Modern Gems...by James Tassie Modeller* (1791, 8000 impressions) are available online as is P.D. Lippert's *Dactyliothecae* (1767, 3000). The Archive has impressions and electrotypes of important collections such as the Duke of Marlborough's and Prince Poniatowski. It was given a Curatorial Research Grant by the Mellon Centre for British Art for the former; *The Marlborough Collection* will be published by the Oxford University Press. The Archive, through Sir John Boardman, was jointly responsible for the *Ancient and Modern Gems and Jewels in the collection of Her Majesty The Queen* (2008).

In the series *Studies in the History of Collections* the Archive published *Auctions, Agents and Dealers, the mechanisms of the art market 1660–1830* (2007) for the Wallace Collection and in the series *Studies in Classical Archaeology* the memorial volume *Essays in Classical Archaeology for Eleni Hatzivassiliou 1977–2007* that was presented to her parents in the British School of Archaeology at Athens in July 2008.

The principal activity during these years has been the establishment of CLAROS – Classical Art Online Research Service (www.clarosnet.org). This federation of research institutes – Beazley Archive and *Lexicon of Greek Personal Names* (Oxford), *Iconographicum Mythologiae Classicae* (Paris and Basle), Research Archive for Classical Sculpture in the University of Cologne and the German Archaeological Institutes – has been working together for nearly ten years. Technically based in the University's e-research centre (OeRC, www.oerc.ox.ac.uk), and with a pump-priming grant from the Fell Fund, work has begun on mapping the fields of these distributed databases into the ISO programme CIDOC-CRM. A prototype of the virtually integrated assets will be available before summer 2009. [[CIDOC Documentation Standards Working Group](#) and [CIDOC CRM SIG](#). Since 9/12/2006 official standard [ISO 21127:2006](#). <http://cidoc.ics.forth.gr/>].

This major initiative, led by Oxford – academic/Beazley and technical/OeRC with the Bioinformatics Research Group in Zoology and the computer vision team of Engineering Science – brings together three of the University's Divisions. With the support of Research Services and Legal Services it is drafting an 'agreement' for contributing members: each will retain his own data/IPR in his preferred format on his own website. When the system is stable and semantic web and image recognition capabilities have been added, research institutes, museums and the public will be able to contribute data and images.

Department of Antiquities (Ashmolean Museum)

Beaumont Street, Oxford, OX1 2PH (01865) 278020

Dr Susan Walker, Keeper (Roman art and archaeology)

Dr Arthur MacGregor, Senior Assistant Keeper (Late Roman and Anglo-Saxon Britain, Medieval collections, History of Collecting)

Professor Michael Vickers, Senior Assistant Keeper (Greek, Roman and Byzantine)

Dr Helen Whitehouse, Senior Assistant Keeper (Egypt)
Ms Alison Roberts, Antiquities Collections Manager (half-time) and Curator for Prehistoric European collections (half-time)

Acquisitions

Bequest from Professor Martin Robertson 19th century drawing of a Greek vase by Thomas Burgon (AN2007.1).

Bequest from Professor Martin Robertson 5th century BC miniature prize jar (*amphoriskos*) (AN2007.2).

Transfer by English Heritage from the finds archive of the late Brian Hartley, samian ware sherds from excavations at Shakenoak Roman villa, Oxfordshire, 1960–78 (AN2007.3). To rejoin the excavation archive.

Gift from Mr Allen Anderson, nephew of Major George Allen, pioneer of archaeological aerial photography 1929–39 of The Pilot's Log which lists Allen's journeys, first in hired aeroplanes, then in April 1931, his own plane G-ABKD; the aeroplane Journey Log Book which lists places of take off and destinations, firstly from Reading while he trained, then from Clifton Hampden, where he had his private air strip.

Transfer of human skeletal remains from excavations at the Saxon cemetery at Berinsfield, Wally Corner Anglo-Saxon cemetery from the University of Sheffield where they had been held for research since the late 1970s.

Previously unregistered material

The assignment of accession numbers to the unregistered items amongst the 700-odd ivory artefacts received from the Hierakonpolis excavations was completed, bringing the total of 'E' registration numbers (Ancient Egyptian material which came into the Museum between 1896 and 1908) to 5333.

Excavation Archives accepted in accordance with the 2004 Joint Collecting Agreement with Oxfordshire Museum Services

Donated by Oxford University, watching brief at Biochemistry Building by Oxford Archaeology (OXBIO06) (AN2006.67).

Donated by Oxford University, excavation archive from evaluation of Ashmolean Museum extension by Oxford Archaeology (OXASHE) (AN2006.68).

Donated by Dorchester Parish Council, excavation archive from Oxford University/Oxford University training excavation at Michin Recreation Ground, Dorchester-on-Thames (DOT'07) (AN2007.4).

Loans in

Red-figured bell crater formerly in the collections of Nostell Priory on long-term loan from Mrs Crossfield.

Material from Carthage, old long-term loan was returned to Norwich Castle Museum in May.

Loans out

Seven loans to other institutions, including teaching and research loans, of reserved materials to the Institute of Archaeology and Oxford Archaeology.

Galleries

The flow of visitors through the Egyptian Galleries was greater than ever in the Museum's current state of partial closure. A flurry of excitement was generated in December by the transfer of the fine (but empty) painted wooden coffin of a man named Nentiwy from the Griffith Gallery, where it had been standing inappositely amidst sculpture of about 1350 BC from el-Amarna, to the Sacker Gallery, where it complements the display of smaller funerary objects of the same period (1975–1640 BC). Removal of the heavy glass case enabled us to lift the coffin lid and carry out a conservation check before the ensemble was expertly moved to its new location. As usual many visiting researchers studied material in the galleries and the reserves during the year. At times when the Department's reduced facilities were insufficient, we were grateful to our colleagues in Western Art for providing space and assistance in the Print Room. We were particularly pleased to host visits by a number of Egyptian and Sudanese colleagues, including a day-trip to Oxford in July by participants in the British Museum's curatorial internship programme.

Events and activities

The third Roger Moorey Memorial Lecture was held on 30 May in the lecture theatre at St John's College. The speakers were William Pestle and Stephen Nash of the University of Chicago, both formerly of the Field Museum, Chicago. They spoke to a large and appreciative audience on the development of digitized archive of the Kish excavations of the 1920s and 30s, of which an account was published by Roger Moorey in 1978.

Documentation and archives

Egyptian mummies

Digitization of the Gray X-rays of Ashmolean mummies (*Annual Report 2005-06*, p. 15) was completed and the X-rays were returned to the archive in the British Museum.

Rationalisation and Enhancement of Historic British Archaeology Collections at the Ashmolean Museum (AHRC-funded project)

Despite the disruptions of the redevelopment, the project continues to make progress. A project website was designed by Dr Glover, and is now operational (password protected while work continues). The work on the Major George Allen aerial photograph collection is near completion. Mrs Edbury has scanned all the booklets in the collections, including the three sent recently from Ireland by Allen Anderson, Major Allen's nephew. Dr Glover and Dr Moffett have designed excellent supporting web resources including a searchable online catalogue. The Derek Riley aerial photographs have also been scanned in. Mrs Cox continues to work as a volunteer on enhancing the catalogue of the Brass Rubbings collection which will have a similar focus on the website. Dr Powell continues to work on the TEI catalogue of the Book of Benefactors when his work at the Museum collections databases allows. Mrs Petre began work half a day per week on an online collections level catalogue of related archives. Dr MacGregor and Ms Roberts continue to work on the historical and archaeological significance of the collections when their work on the redevelopment permits. The project work is already proving the Historic British Collections at the Ashmolean to be even more valuable to the research community than originally assessed.

In May 2007, the AHRC agreed to a further extension of the project owing both to the continued demands of the redevelopment and the extended illnesses of Dr MacGregor, the Project Director, and Ms Roberts, the Project Researcher. The project will now end in June 2008, which will provide sufficient time for Dr MacGregor, Ms Roberts and Dr Powell to finish their work. Mrs Edbury's contract as Documentation and Website Assistant was extended to June 2007 in compensation for her time that had been diverted from the project to the Decant and other aspects of the redevelopment.

Sir John Evans and the development of archaeology in 19th century Europe (Leverhulme Trust-funded project)

Dr Susanne Bangert and Dr Cathy King were the research assistants on the project, from July joined by Christine Edbury.

Project work continued with further search for Evans' contacts abroad and research in archives and collections in Scandinavia. A preliminary list of Evans' artefact collection was compiled. The work in the HCR progressed very satisfactorily with a conspicuous part of Evans' coin collection now identified. Work on the web page continues. Preparations for the Centenary volume are well under way. Work in the Sackler Library is progressing, and contact to the Aspley Paper Trail continues.

Project results are currently being implemented in the new galleries.

The project was involved in the organization of a conference on the 'History of British Archaeology at Oxford', which took place at Wolfson College in March. The proceedings will be published by BAR.

In June, the Leverhulme Trust agreed to several changes in the original project design, including providing additional funding to cover the costs of a new national pay framework for Dr Bangert, to hire Mrs Edbury for 14 months as the Year 3 Research Assistant, and to hire Dr Glover for 10 months part-time as IT assistant for Dr Moffett to complete the IT aspects of the project.

Archives and Artefacts: Exploring the past through A2A and the work of E T Leeds (HLF-funded project)

This project was finally closed in April 2006, with the resolution of the outstanding financial reporting problems with the earlier Historic Oxfordshire project. The Archives and Artefacts project was an outstanding success with both E.T. Leeds and Anglo-Saxon Discovery websites attracting high and increasing numbers of visitors, and the Anglo-Saxon Discovery educational resources being extensively used by the Education Service. The catalogue of the E.T. Leeds archive, now mounted on the National Archives online A2A database, also achieves a high volume of users. Promotional postcards designed by Graeme Campbell have been ordered and will be widely distributed in autumn 2007.

Enhancing Access to Historic Oxfordshire (HLF-funded project)

In December 2006, the outstanding problems with the financial reporting of this project deriving from the introduction of the OSIRIS system in the University in February 2004 were successfully resolved with the assistance of Claudia VanDeventer. In April, the HLF were then able to acknowledge that all project aims had been met and most exceeded, and released the remaining project funds. A small sum remains in the budget to further enhance the outreach components of the project via both the Ashmolean website and the Oxfordshire County Sites and Monuments Record.

Website

The Antiquities sections of the new Ashmolean website were restructured by Dr Moffett, as they had not been separated into individual pages by the Reading Room. The Department is very grateful to him for undertaking this extensive and very necessary work. He has also been able to transfer some of the older Antiquities web resources and FAQ pages to the new format.

An updated and expanded index of the archaeological sites from which the Museum holds material was added to the Ancient Egypt and Nubia sub-section of the Antiquities site. Previously available only in the Museum booklet *Ancient Egypt*, this is the first of a number of search facilities we plan to add to this site.

Documentation

In late 2006, Alison Roberts completed the transfer of 49,680 additional Antiquities records to MuseumPlus (i.e. 43,626 from combined Antiquities legacy databases; 5155 Brass Rubbings; 684 Coptic Textiles; 255 Tradescant's Rarities). This was very labour intensive particularly with regard to the design and mapping of the three smaller specialist databases. The transfer was completed by Zetcom in January 2007, when these records joined the c.48,000 records she transferred in 2005. In addition, she performed several other time-consuming tasks related to museum documentation and MuseumPlus. She worked with Dr Heuchert on the preparation of a 6000+ record Geographic Thesaurus. She has been working with Helen Hovey, Chris Powell and Rupert Shepherd on methodologies for integrating decant data with curatorial record in MuseumPlus. The latter has only just been resolved after 15 months of work.

All members of Antiquities staff and several volunteers have now been trained on MuseumPlus. Guidance notes on how to use MuseumPlus with regard to Antiquities records have been written by Alison Roberts and are posted on the Wiki.

Alison Roberts has been supervising several projects concerned with inputting and enhancing MuseumPlus records. These have included: Dr David Saunders entering information and label text for classical archaeology objects formerly on display; enhancement of British Archaeology records as part of the AHRC project; and enhancement of records relating to the Sir John Evans project as part of the Leverhulme project. She has also supervised several volunteers in checking and validating decant data for display objects. These have included: Dr Anthi Papagiannaki working on Byzantine collections and Ersin Hussein working on Etruscan collections.

Events/outreach

Material Skills Seminar on Flint Technology, held by Professor Nick Barton in January 2007 in the HLT.

Demonstrating African prehistoric collections at Black History Day event in October (Ms Roberts).

Participated in National Archaeology Day event in July (Ms Roberts).

Staff

Dr Susanne Bangert worked on the Sir John Evans Centenary Project. She liaised with Cathy King conducting the numismatic work, and with Christine Edbury working on project documentation since July. She assisted Arthur MacGregor with preparations for the Centenary volume, which is progressing, as are plans for the work in the Sackler Library. She also maintained contact to the Apsley Paper Trail (<http://www.thepapertrail.org.uk>) and this collaboration is revealing potential in several directions. Together with Sarah Glover she continued work on the project website: <http://johnevens.ashmolean.museum>. Further project research has been conducted, and queries answered, regarding the project and the Evans material. During the year the preliminary database of the John Evans collection held by the Ashmolean has been compiled.

The project had volunteer help from a.o. Ersin Hussein.

She organized, together with Megan Price, a conference on the ‘History of British Archaeology at Oxford’ in March 2007 and there presented a paper, ‘John Evans and Oxford’. The proceedings of the conference will be published by BAR, edited by the organizers. She also participated in a symposium at Nationalmuseet, Copenhagen, celebrating their bicentenary.

She was invited to give a paper at the British Museum on ‘Early Byzantine Ampullae’ at a conference on Byzantine Pottery. With David Gwynn, she is currently editing the volume *Late Antique Archaeology 5.1* to be published by Brill, for which she has written an article on the archaeology of pilgrimage.

Christine Edbury worked on the website and databases of the AHRC British Archaeology project and took over the Leverhulme John Evans Project from Susanne Bangert on 1 July. She has been finishing the comment listing of all John Evans bound offprints, which were housed in the Sackler Library. She has also spent a little time editing the database entered by SB, finishing the Adlib entries for the one box of archive not done, and started to edit and input the 1927 objects, collected by JE, and given by his son Arthur, from the register into MuseumPlus. Some of the web pages have also been edited and new ones added.

Dr John (Jack) Green was appointed Curator for the Gallery of the Ancient Near East on 16 July 2007, and immediately began work on scheme design for the gallery, aided by Kathryn Stevens.

Alison Roberts Antiquities Collections Manager (half-time, until 30 September 2008). Also half-time AHRC Project Manager and Research Assistant (half-time, until 30 September 2006), and Curator for Prehistoric European collections (half-time, until 30 September 2008), including covering the post-Roman European collections during Dr MacGregor’s sabbatical. In the absence of backfill for Mrs Clements, the Antiquities Documentation Officer currently on secondment to

the Redevelopment Project, she has also had to undertake the responsibilities of this post. She had an extended period of sick leave in the spring owing to a respiratory infection.

As Curator for Prehistoric European collections (half-time) she is responsible for three new galleries, and advises other lead curators regarding possible prehistoric content for other galleries. She is also a named researcher for the Sir John Evans Centenary Project and for finishing the AHRC Historic British Collections Project.

As Collections Manager (half-time), she is the departmental MuseumPlus administrator and representative on the Museum Documentation Committee. She is also the departmental representative on the Storage Group and Website Committee, and attended meetings of the House-Style committee. She has responsibility for both the department's web pages and its pages on the Wiki. She served as Project Manager for the Archives and Artefacts and Historic Oxfordshire projects, and worked with Suzanne Anderson and Claudia VanDeventer in successfully resolving the financial reporting problems, which had their completion. She is working with the Registrar's office on reviewing and regulating outstanding departmental loans.

She represents the Museum at the Oxfordshire City and County Archaeological Forum, and in liaison with local archaeological bodies including the City and County Sites and Monuments Records and the Oxfordshire Museum Service. She advised the local Finds Liaison office regarding the identification of early prehistoric materials. She advises national and regional bodies on prehistoric and antiquarian materials. She also represents the Museum as a period specialist working on the archaeological Solent-Thames Research Framework. She is an advisory Associate Researcher for the Pitt Rivers Museum's ESRC-funded project, *The Other Within: An Anthropology of Englishness*. With Professor Barton, she held a Material Skills Seminar on Flint Technology in the HLT in January. She demonstrated African prehistoric collections at the Museum's Black History Day event in October, and participated in the National Archaeology Day event in July. She advised Walker Books regarding a new children's book on the Palaeolithic.

Volunteers

Christina Bates (University of Leicester, Museum Studies Course), Elizabeth Cohen, Penny Cookson, Angela Cox, Lisa Eberle, Megan Goldman-Petri, Janet Huins, Ersin Hussein, Laurence Loh, Liam McNamara, Gillian Newing, Kathryn Stevens, Sarah Stone, Yvona Trnka-Amrhein.

Heberden Coin Room (Ashmolean Museum)

Beaumont Street, Oxford, OX1 2PH (01865) 278058

Professor Christopher Howgego, Keeper (Roman)

Professor Nicholas Mayhew, Honorary Curator

Dr Luke Treadwell, Assistant Keeper (Islamic)

Mr Henry Kim, Assistant Keeper (Greek and Medals, on secondment)

Dr Shailendra Bhandare, Assistant Keeper (South Asian and Banknotes)

Dr Volker Heuchert, Collections Manager

Dr Alessia Bolis, Assistant Collections Manager to 31 June 2007

Dr Julian Baker, Finds Adviser, Portable Antiquities Scheme to February 2007 then appointed
Monday Gallery Curator
Dr John Naylor, Finds Adviser, Portable Antiquities Scheme from June 2007

The Coin Room is one of the leading international centres of research in numismatics and monetary history. It houses a systematic collection of about a third of a million coins, medals, and tokens. The department is involved in teaching at both undergraduate and graduate levels.

The main task of the year has been the development of displays for the new Money Gallery, and for many of the other new galleries. We have an unparalleled opportunity to plan systematic numismatic contributions to so many chronological and thematic galleries. The enterprise calls for inspiration, perspiration, and cooperation in equal measure! This creative work has been underpinned by the customization of the new collections management system for use with coins and medals.

The most notable acquisition of the year was a group of 12 gold rings, of a type once used as money in Ethiopia. The intention is to cover the entire world in the Money Gallery. Where coverage in the collection is inadequate, as is the case with some forms of 'ethnographic' money, deficiencies are being made good by selective purchase or by loans. The acquisition was aided by the Carl and Eileen Subak Family Foundation.

The Robinson Charitable Trust helped us to purchase handling collections of Greek, Roman, Anglo-Saxon, and Tudor coins. These handling collections are being built up to complement displays planned to support the history topics covered for Key Stage 2 in the National Curriculum.

The Coin Room's programme of visiting scholars, also funded by the Robinson Charitable Trust, was resumed in more typical form this year. We were particularly fortunate to have Joe Cribb, Keeper of Coins and Medals at the British Museum, as this year's Robinson Visiting Fellow. He was able to draw on his experience in creating the HSBC Money Gallery in the British Museum to help us with the design of a series of thematic displays on Money for our own new Gallery.

Effrosyni Nomikou is undertaking doctoral research at University College, London, which involves an ethnographic study of the exhibition design and development of our Money Gallery. As part of her studies she has taken responsibility for audience consultation and evaluation in relation to the Gallery. So she is being of considerable help to us, even if it is a bit scary being the subject of study for a change!

Julian Baker has moved posts to become Money Gallery Curator, a fixed-term post with particular responsibility for medieval and modern coins. His old post as the Portable Antiquities Scheme Finds Adviser for Medieval and Post-Medieval Coinage has been taken over by John Naylor, who comes from post-doctoral work in Early Medieval archaeology at the University of York.

Numismatic research continues, although inevitably with less emphasis than has been usual. The highlight of the year was the launch of the Roman Provincial Coinage Online: <http://rpc.ashmus.ox.ac.uk/>. This is currently the most advanced coin website in the world. It

potentially comprises one of the largest collections of images and related inscriptions from the ancient world which is searchable by iconography, place, and time. It is an exciting development for those interested in ancient coins, in classical archaeology, and in Roman history. The website received over two million hits within its first year of operation.

It is also a pleasure to report the generous support of the Carl and Eileen Subak Family Foundation for the Ashmolean's publication of Cathy King's book on *Roman Quinarii. From the Republic to Diocletian and the Tetrarchy*. This is an area in which Carl Subak has great expertise and an outstanding collection. The book enshrines traditional scholarship of enduring usefulness.

Environmental Archaeology Unit (University Museum of Natural History)

Parks Road, Oxford, OX1 3PW (01865) 272983; Fax (01865) 272970

Professor M.A. Robinson, Director

A team of students was taken to Herculaneum to sieve and do the initial sorting of a series of samples from a Roman sewer (funded by the Packard Humanities Institute via the Herculaneum Conservation Project). A very wide range of biological remains was found, including items which entered the deposit as sewage, kitchen waste and animals which lived in the sewer. Other finds included glass, gaming counters, cornelian intaglios and cloth fragments mineralized by calcium phosphate replacement. There were no remains of sponges.

Detailed sorting of samples has begun for the mid-Roman phase of the town of Silchester (funded by AHRC via the University of Reading). These deposits present the opportunity to compare the biases inherent in different areas of fossilization, there being material preserved by phosphatic mineralization, combustion and waterlogging. Seven Archaeology and Anthropology and CAAH students participated in helping analyse samples either at Herculaneum or in the Unit.

Archaeometallurgy (Department of Materials)

Oxford University Begbroke Science Park, Sandy Lane, Yarnton, Oxford, OX5 1PF
(01865) 283721; Fax (01865) 848790

Dr J.P. Northover (University Research Lecturer)

C.J. Salter (Research Fellow)

Dr B.J. Gilmour (Academic Visitor)

The group is based at the University's Begbroke Science Park, and is associated with BegbrokeNano-OMCS, the arm of the Department of Materials that provides characterisation services to industry, including museums, galleries and archaeology. Dr Northover has oversight of the specimen preparation and optical microscopy facilities while Mr Salter is responsible for the operation of electron probe and SEM microanalysis. Also at Begbroke there is access to a variety of other techniques such as surface profiling and modelling, Raman, FTIR, X-ray photoelectron spectroscopy, Auger spectroscopy, X-ray diffraction, etc.

The group's research is concerned with all aspects of the metallurgical process, from smelting to metal finishing, and from the first use of alloys in the 5th/4th millennia BC to the

Industrial Revolution and beyond. The themes of the research are both archaeological and metallurgical. In archaeology the research derives from the requirements of post-excavation- and museum-based projects to explore the place of metal in earlier societies and economies and to understand the form and function of individual objects, and these can stimulate the development of new methodologies. Issues relating to the survival of metals and metallurgy in the archaeological record are a continuing concern as is the reconstruction of the original appearance and finish of the artefacts studied.

Current research projects cover a wide spectrum. With ironworking continued support has been given by Mr Salter to the experimental iron-smelting by Peter Crew in the Snowdonia National Park, and Mr Salter has also worked on an excavation in the Crimea studying the ironworking slag there. Projects in prehistory have included hoards of copper ingots from Britain, the Bronze Age shipwreck at Moor Sands, Salcombe, and a number of individual weapon finds. Numismatically attention has been focused on Islamic silver coinage.

Department for Continuing Education

Wellington Square, Oxford, OX1 2JA (01865) 270360; Fax (01865) 270309

Professor Gary Lock (Professor of Archaeology, Director of Studies)
Dr David Griffiths (Staff Lecturer in Archaeology)

The Department offers a wide range of courses in archaeology for adult part-time students. Many of these are accredited within the national CATS scheme (Credit Accumulation Transfer Scheme) including at undergraduate level the Level 1 weekly classes, the Level 1 Certificate in Archaeology, the Level 2 Diploma in British Archaeology and the Level 3 Advanced Diploma in Archaeological Practice. The Department also runs the M.Sc. in Professional Archaeology and the Professional Archaeology short course programme, vocational courses aimed at improving students' employment prospects and providing continuing professional development for working archaeologists (in partnership with English Heritage). Also at postgraduate level is the M.Sc. in Applied Landscape Archaeology, a two-year part-time course, and the part-time D.Phil. Day Schools and Weekend Conferences also take place throughout the year, and a training excavation in summer.

2.3. *General activities*

Seminars, Lectures and Conferences

Sponsored by the School or by members of staff, in addition to the normal lecture programme.

Hillfort Study Group (G. Lock)

Day conference: annual meeting

PADMAC Unit seminars/workshops

Dr Julie Scott-Jackson and Dr William Scott-Jackson

Results and photogrammetry analysis of the Dickett's Field, Palaeolithic site (DFY06) investigations

Dr Julie Scott-Jackson, Dr Sarah Milliken and Dr William Scott-Jackson

Identification of Palaeolithic artefacts/sites in the United Arab Emirates – workshop held in the UAE for new members of the PADMAC Field Team (which included volunteers from the Dubai Natural History Group)

Seminar for Arabian Studies, British Museum, London, UK

Dr Julie Scott-Jackson and Dr Sarah Milliken

Upper Pleistocene Stone-tools from Sharjah, UAE. Initial Investigations: Interim Report

Workshop for Arabian Studies, British Museum, London, UK

Dr Julie Scott-Jackson and Dr William Scott-Jackson

Defining the Palaeolithic of Arabia: Invited workshop

Ancient Architecture Discussion Group (Convenor: Lucy Wadson)

Dr Kalliopi Baika (University of Patras, Greece)

Military harbours of the Classical Mediterranean

Sylvian Fachard (Swiss School of Archaeology, Athens)

Two fortifications from the territory of Eretria (Euboea)

Dr Rune Frederiksen (Cast Gallery)

The Theatre in the Great Temple at Petra

Elif Keser-Kayaalp (Exeter College)

Transverse-hall Churches of Northern Mesopotamia

Dr David Milson

New discoveries and methodologies in Late Antiquesy
synagogue excavations in Israel

Dr Verity Platt (University of Chicago)
Horror Vacui: Framing the dead on Roman sarcophagi

Stella Skaltsa (Merton College)
An overview of the architecture of the Hellenistic Gymnasium

Dr Susan Walker (Ashmolean Museum)
Alexandria in Pompeii

Barbarian Archaeology Group (Convenor: Victoria Jefferson)

Dr Margarita Diaz-Andreu and Dr Lois Armada (Durham University)
Ethnicity in a colonial context: Mediterranean Iberia in the Iron Age

Amelia Dowler (Corpus Christi)
The place of the elite in Hellenistic Bithynia

Dr Matthew Fitzjohn (University of Liverpool)
Colonial landscapes in Iron Age Sicily

Professor Chris Gosden
Prehistoric diaspora of objects and people

Dr Thomas Kiely (British Museum)
Becoming Greek on the margins? Evagoras I and the Hellenisation of Cypriot Salamis

Professor Ian Rutherford (Reading University)
Barbarians beyond the North Wind: Hyperboreans In Ancient Greek Myth

Dr Michael Somer (University of Liverpool)
Networking the Iron Age Mediterranean: The Phoenicians, long distance trade and cultural change

Byzantine Archaeology and Art Seminar (Organizer: Dr M. Mango)

Tara Andrews (Linacre)
Understanding the water supply of Constantinople

Nicholas Lamb (Wolfson)
Churches in Rome

Rebecca McGann (Exeter)
Seeing is believing: the formation of a visual canon in early Christianity

Professor Oriol Olesti-Vila
Landscape and territory in the Roman province of Syria: the centuriation of Emesa (Homs)

Theodore Papaioannou (University)
Amphorae production and trade in medieval Byzantium

Marlena Whiting (Lincoln)
The Finnish Jabal Harun Project: multidisciplinary archaeology in action

Byzantine Archaeology and Art Seminar on Techniques of Execution and Detection (Organizer: Dr M. Mango)

Dr Chris Doherty
Sourcing pottery

Alex Johnson
Magnetometry and excavation

Dr Anthousa Papagiannaki and Priscilla Lange
Carving ivory and bone

Yvonne Stolz (St John's) and Natalija Ristovska (Exeter)
Producing gold jewellery

Professor Michael Vickers
Marble hunting

Byzantine and Islamic Archaeology and Art Seminar on Workshops (Organizer: Dr M. Mango)

Professor Jeremy Johns
Royal textile workshops in Norman Sicily

Dr Elias Khamis
The Fatimid metalwork workshop at Tiberias

Dr Marlia Mango
State and private workshops producing early Byzantine silver plate

Dr Anthousa Papagiannaki
Medieval Byzantine workshops: the case of ivory and bone caskets

Professor Bert Smith
Marble workshops at Aphrodisias

Dr F. Suleiman (London)

Producers and consumers: piecing together the ceramics industry in medieval Cairo

Classical Archaeology Work in Progress Seminar (Convenors: Elizabeth Macaulay, Saskia Stevens, Lydia Carr and Jason Mander)

Alexandra Alexandridou

The North necropolis of Vari in the Attic countryside and its importance for the early Archaic Attic funerary rites

Lydia Carr (Exeter College)

Tessa Verney Wheeler and the Caerleon Amphitheatre

Simon Ford (Exeter College)

Beyond Egypt: Identifying Aristocratic Wealth in Late Roman Syria and Palestine

Jonathan Fowler

Changing perspectives on urban walling in late 2nd century Roman Britain

David Legg (Exeter College)

How the Roman Empire interacted with its neighbours and what happened when it all went to pot in the 5th century

Lizzie Macaulay

How Public?: Use and access in the monumental porticoes and portico-temple complexes of Rome

Lauren McGhee

Recontextualising the painted funerary portrait of Antinopolis: The legacy of Albert Gayet

Jason Mander

Roman children and the nuclear family: Dynamic relationships in funerary portrait monuments of the Western Empire

Benjamin Russell (Lady Margaret Hall)

The production of Roman sarcophagi: Economic considerations

Saskia Stevens

Qua aratrum ductum est. The location of the dead in the Roman urban landscape

Alessandra Sulzer

Centre and periphery: The reception of classical material culture in Madrid and the provinces, 1701–1808

Matt Symonds

Milecastles and Hadrian's Wall: Frontiers through their fortlets

Christina Triantafyllou (Keble College)

Construction man-power for imperial building projects in Trajanic Rome

Donald Baden-Powell Quaternary Research Seminar

Matt Gatton (Louisville)

The Camera Obscura and the Origin of Art: The case for image projection in the Paleolithic

Graduate Skills Seminar (Convenor: Victoria Jefferson)

Paul Booth

Roman and Iron Age Ceramics

Professor Angelos Chantiotis

Epigraphy

Dr Michael Charno (Archaeology Data Services)

Data Archival

Dr John Hobart

Archaeology and Museums

Dr Philip de Jersey

Numismatics

Professor Gary Lock and John Pouncett

Applications of GIS

Ray McGowan

Public Speaking

Dr Thomas Mannack

Beazley Archive

Professor R.R.R. Smith

Classical Sculpture

Dr Roger Thomas (English Heritage)

Archaeology in the Real World 1

Dr Roger Thomas (English Heritage)

Archaeology in the Real World 2

Dr Helen Winton (English Heritage)

Aerial Photography

Greek Archaeology Group (Convenor: Dr Rune Frederiksen)

Sophokles Alevridis (Committee for the Conservations of Apollo Epikourios at Bassae, Athens)

Reconstructing ancient Arcadia: Topography and Monumental evidence from the region of Figalia and its immediate surroundings

Professor Vasilios Aravantinos (Archaeological Museum, Thebes)

Mycenaean Thebes: what do we know so far?

Professor John Boardman

Greeks go East

Olympia Bobou

A god in need is a god indeed. Statues of children from sanctuaries of healing deities

David Blackman

Research on the harbours of Rhamnous

Professor Angelos Chaniotis

Pictorial graffiti from Aphrodisias

Sylvian Fachard (Swiss School of Archaeology, Athens)

Searching for the Artemision of Amarynthos (Euboea)

Marilena Gorrini (Universita' di Pavia)

Statues of Aphrodite from the Gonzaga collection of classical antiquities in Mantua

Maria Relaki (Sheffield University)

Regions within the region: Aspects of community in pre-palatial Messara (Crete)

Sveva Savelli (Istituto Universitario Orientale, Napoli)

New finds from the archaic city walls of Cumae (Italy): Transport amphorae

Simona Todaro (Sheffield University)

Pottery production and social practice in pre-palatial Phaestos: A background for the first Palace

Medieval Archaeology Seminar (Convenors: Professor Helena Hamerow and Dr Lesley Abrams)

David Austin (Lampeter)

The Strata Florida Landscape Project: Cistercians, Land and Identity

Mary Chester Caldwell
Early Anglo-Saxon cemeteries in the Norfolk landscape: Metal-detector finds in context

Jane Kershaw
Anglo-Scandinavian Identity in the Danelaw: A re-consideration of Winchester style metalwork

Chris Lowe (Edinburgh)
Recent Excavations on Inchmarnock – An early monastic site in the Firth of Clyde

Dr Andrew Richardson
Early Anglo-Saxon brooches in southern England: The contribution of the Portable Antiquities Scheme

Dr Jörn Schuster
Post-Roman activity in the Ebbsfleet Valley: Saxon cemeteries, mills and a Visigoth brooch

Professor Dr Klaus Tragbar
The building behind the stripes: New research into Siena Cathedral

Sam Turner (Newcastle)
Bonfires and Buildings on the Beach: Excavations at post-Roman Mothecombe and Atlantic contacts in the 5th and 6th centuries

OUAS (Convenors: Cate Frieman and Simon Hunter)

Christoph Bachhuber
Excavations at Zincirli/Sam'al in south-eastern Turkey

Stella Blockley
Living and dying in transition: Funerary behaviour and subsistence in Britain, 16,000–6,000 cal BP

Mark Bowden
The Malvern Hills: Frontier lands since the Bronze Age

David Griffiths
Settlements Built on Sand: Survey and excavation at Birsay and the Bay of Skail, Orkney

Mahmoud Hawari
The Citadel of Jerusalem: New archaeological and architectural investigation

Dr Linda Hulin
Rethinking the archaeology of Egyptian Imperialism in the Bronze Age

Levant

Alexandre Mitchell

Hercules comicus: A case study in the iconography of natural justice from 6th century BC Greek vases to San Marco's Basilica in Venice

Paul Pettitt

Edge of the World: Recent research into life in Late Upper Palaeolithic Britain 15,000 years ago

Professor Mark Pollard

A scientific career in ruins

David Robinson

Archaeological and ethnographic tensions: Resolving contradictions through 3-D digital site analyses as shown in a case study of Californian indigenous rock-art

Eberhard Sauer

The Persian Empire and its northern neighbours: The joint Iranian and British excavation and survey of one of the world's longest ancient walls at Gorgan (Iran), 2005–2006

Duncan Sayer

Digging into Anglo-Saxon cemeteries

Dr Rick Schulting

Passages, Courts, Portals and Wedges, not necessarily in that order! The dating of Irish Neolithic mortuary monuments

Andrew Selkirk

The future of archaeology in Britain

Dr Sam Turner

Common Culture: Historic landscape character as landscape archaeology for the past and the future

Dr Susan Walker

Crossing Cultures, Crossing Time: Archaeology in the new Ashmolean

Professor Andrew Wilson

Desert trade routes and the spread of *qanat* irrigation technology

Roman Discussion Forum (Convenors: Dr Annalisa Marzano, Professor Andrew Wilson and Zena Kamash)

Professor Peter Bang (University of Copenhagen)

Trade and empire – in search of organising concepts for the Roman economy

- Dr G. Cifani (Cambridge)
The Roman archaic architecture and its social significance
- Kevin Cole (University of Virginia)
The Forum's Footprint: The effects of monumentalisation on the urban core of Pompeii
- Dr Jens-Arne Dickmann (Archäologisches Institute Heidelberg)
Urban Traffic in the Vesuvian: Pompeii and Herculaneum
- Dr Fred Drogula
Carving their Names in the Stone: The Governorship in the Roman Provinces
- Mariana Egri (Cambridge)
Mediterranean wine and Dacian commensality
- Dr Penny Goodman (University of Leeds)
Working together: Clusters of workshops in Roman urban industry
- Dr Kevin Hayward (University of Reading)
Early Roman quarrying and building stone use in South East England
- Professor Bruce Hitchner (Tufts University)
Globalisation before globalisation: Rethinking the history of the Roman World
- Professor C. Howgego/Volker Heuchert
Roman provincial coinage online
- Professor Valentin Kockel (Universität Augsburg)
New research on the Forum of Pompeii
- Professor Gary Lock
Private and public worship in Roman Oxfordshire
- Elizabeth Macaulay
Reconsidering the Roman Porticus
- Stacey McGowan
The 'Altar' of Sulis Minerva at Bath: Rethinking the choice of deities
- Jason Mander
Child portrait on the funerary monuments of the Western Empire
- Dr Elizabeth Meyer (University of Virginia)
Writing and muses in Pompeian wall-painting

Dragana Mladenovic

Female hopes of after-life in Late Antiquity: Two late Roman imperial mausolea from eastern Serbia

Professor Oriol Olesti-Vila (Universitat Autònoma de Barcelona)

Barcino, its *fundi* and *domini*. A methodological approach

Dr Jo Quinn (Worcester)

Negotiating power in the Hellenistic West: Numidian royal architecture in context

Dr Rubina Raja (Hamburg University)

The Artemis coins from Gerasa and other issues of the Decapolis: A comparison

Ferdinando de Simone

Discovering the other side of Vesuvius: The so-called “Villa di Augusto”

Ellen Thiermann (University of Amsterdam)

New evidence from the necropolis of Capua. Answers on questions of ethnic and cultural identity in archaic Campania?

Other lectures

Dr Eleni Hatzaki (British School at Athens)

Fragmentation, feasting and structured deposition at the Bronze Age Palace at Knossos: the Vat Room deposit and temple repositories reconsidered

Dr Caroline Huguenot

The role of Macedonian chamber tombs in the self-definition of the Macedonian ruling class

Tania Kovats

Ride a White Horse

Dr S. Suresh

Roman presence in South India: the evidence of recent finds

Publishing Activities

Journals *Anglo-Saxon Studies in Archaeology and History* (Institute)
Archaeometry (Research Laboratory for Blackwells)
Archaeological Computing Newsletter (G. Lock, Institute)
Oxford Journal of Archaeology (Institute for Blackwells)
Journal of the History of Collections (Ashmolean Museum)

Monographs *Oxford University School of Archaeology Monographs*
65 Barry Cunliffe and Patrick Galiou, *Les Fouilles du Yaudet en Ploulec'h, Côtes-d'Armor. Vol. 3 Du quatrième siècle apr. J.-C. à aujourd'hui*
66 H. Schroeder, P. Bray, P. Gardner, V. Jefferson and E. Macaulay-Lewis, *Crossing Frontiers: The Opportunities and Challenges of Interdisciplinary Approaches to Archaeology*

3. REPORTS FROM PERMANENT ACADEMIC STAFF

Prehistory

Nick Barton, University Lecturer in Palaeolithic Archaeology

Lectures and tutorials were given in ‘perspectives in human evolution’, ‘landscape, evolution and society’ and ‘the archaeology of modern human origins’. He was appointed Director of the Institute of Archaeology and served as Chair of Examiners for the Masters degree. He continues to sit on the National Radiocarbon Dating Committee (NERC) and on the board of three International Committees of the Union International des Sciences Préhistoriques et Protohistoriques. He was a contributing panel member on the English Heritage-sponsored ‘Palaeolithic of England Research Framework’. He made a successful funding application to the British Academy. In September, he was invited to the 15th Union International des Sciences Préhistoriques et Protohistoriques conference in Lisbon, where he organized and chaired sessions on North African archaeology, delivered a paper on the Middle Palaeolithic of Morocco and co-organized a workshop with M. Street and T. Terberger on ‘Humans, environment and chronology of the Late Glacial of the North European Plain’. In November he presented a public lecture on ‘Climate change and Human Prehistory in North Africa’ at the British Museum as part of the finale of the NERC-sponsored EFCHEd programme. In January he participated in a workshop meeting organized through NERC and held in Oxford to discuss the question of early modern human dispersals and climate change in relation to North Africa.

Research activity focused on the Western Mediterranean project. During February he hosted a visit by Dr Abdeljalil Bouzougar (Institut National des Sciences de l’Archéologie et du Patrimoine, Rabat) and arranged access to the Haua Fteah Collection in Cambridge A & E Museum. This was reciprocated by a visit to Rabat in May to study the collections from Taforalt cave and to begin to catalogue material from Dar es-Soltan cave. The May visit coincided with the official press announcement of the discovery of 82,000 year old shell beads from Taforalt cave, which appeared in the *Proceedings of the National Academy of Sciences*.

Current research interests are:

Human dispersals and climatic change in the western Mediterranean; Morocco and Gibraltar Caves Projects; Palaeolithic and Mesolithic archaeology of karstic landscapes in Western Britain

Specific research projects include:

Environmental factors in human evolution and dispersals in the Upper Pleistocene of the western Mediterranean
Late Upper Palaeolithic and Mesolithic settlement of South West Britain
Small mammals and Lateglacial environments in North West Europe

Julie Scott-Jackson, Senior Research Fellow (Pitt Rivers Museum) and Director of the PADMAC Unit (Unit for the study of Palaeolithic artefacts and associated deposits mapped as Clay-with-flints and Palaeolithic artefacts and associated deposits in a Middle-Eastern (Arabian) context)

During the year, she secured further long-term funding for the PADMAC Unit from Oxford Strategic Consulting Ltd. As Director of the PADMAC Unit she supervised the Unit's extensive fieldwork and research programmes in Sharjah, Abu Dhabi and Ras al-Khaimah Emirates, United Arab Emirates; also, fieldwork at Dummer Clump, Hampshire, UK, photogrammetry pilot studies and excavation at Dickett's Field, Hampshire, UK. Alongside post-excavation analyses, she continued work on a monograph that addresses the geo-archaeology of the Palaeolithic site of Rookery Farm, Lower Kingswood, Surrey, and a paper on spatial analysis of the Palaeolithic artefact locations in Dickett's Field. She provided extracts from her 'Gazetteer of Lower and Middle Palaeolithic artefacts found in relation to deposits mapped as Clay-with-flints on chalk Downlands of Southern England' to support the Solent Thames Archaeological Research Framework and was invited to attend workshops to review the reports. She provided support and advice to students from other universities who are studying particular aspects of the Palaeolithic artefacts and associated deposits.

Professional activities outside the University included Palaeolithic geo-archaeological adviser and Committee member of the Avebury Archaeological and Historical Research Group for the Avebury World Heritage site (English Heritage) and advising local (UK and Middle East) archaeological groups on the geo-archaeology of the relevant deposits and associated Palaeolithic artefacts.

Current research interests are:

Geo-archaeology – processes connected with the action of carbonation which have affected the chalk downlands (in the UK and Continental Europe) and other karstic landforms (particularly those in the Near/Middle East) over geological time. Also, the genesis, variability and distribution of associated capping deposits as they relate to the retention of Palaeolithic *in situ* sites on these high levels.

Specific research projects include:

Development of models and methodologies including geophysical applications for the investigation and excavation of Palaeolithic high-level sites on chalk downlands capped with deposits mapped as Clay-with-flints in the UK (currently Dummer Clump, Dummer and Dickett's Field, Alton, both in Hampshire, UK)

Palaeolithic sites in a similar geographic context (i.e. on high-level limestone outcrops) in the Middle East. In particular, her recently discovered Middle Palaeolithic upland site in Sharjah Emirate, UAE, and a further eight newly identified associated Palaeolithic sites in the Emirates of Sharjah and Ras al-Khaimah

Peter Mitchell, University Lecturer in African Prehistory

He continued to teach extensively for the Honour School of Archaeology and Anthropology, but took Hilary 2007 as a sabbatical term. He supervised six doctoral students, co-ordinated the Honour Moderations Paper I course *Introduction to World Archaeology* and served as an Assessor for the Final Honour Schools in Archaeology and Anthropology, and Human Sciences

and the M.St. in World Archaeology. Administratively, he completed his term as Chairman of the Archaeology and Anthropology Tutors' Forum and Organizing Secretary for undergraduate admissions in Archaeology and Anthropology at the end of December 2006, but still organized the subject's presence at four Open Days. He spoke at University College, London, and the University of the Witwatersrand, lectured for the University's Department of Extra-Mural Studies, undertook a further year's work as External Examiner for the Department of Archaeology of the University of Liverpool, continued to serve as Secretary of the British Institute in Eastern Africa, examined doctoral theses at the Universities of Cambridge, Cape Town and the Witwatersrand (and a Masters thesis at the first of these), and participated in the work of the editorial boards of six major journals. Research time was primarily devoted to writing up earlier fieldwork at Likoaeng, Lesotho, completing a co-authored book-length study of Africa's Stone Age archaeology, *The First Africans* (for publication in early 2008) and taking part in the OSL-dating of selected Middle Stone Age sites in Lesotho. Fieldwork there also allowed several rock art sites to be relocated and recorded.

Current research interests include:

- The relations between cultural and environmental change among hunter-gatherer societies
- The history and archaeology of southern African hunter-gatherers
- The archaeology of Africa's relations with the rest of the world
- The history of southern African archaeological collections in Britain

Specific projects include:

- Hunter-gatherer landscapes of the Lesotho highlands
- The southern African archaeological collections of the Pitt Rivers Museum

European

Lisa Bendall, Rachel and Sinclair Hood Lecturer in Aegean Prehistory

Lisa Bendall was on leave in Michaelmas Term to complete work on a book: *Economics of Religion in the Mycenaean World* (published 2007). She submitted two articles for publication in December 2006 and gave an invited lecture (also for publication) on a panel at the 10th International Cretological Congress held in Chania, Crete, in October 2006.

She lectured for undergraduate degrees in Archaeology and Anthropology (Late Bronze Age and Early Iron Age in the Aegean; Introduction to World Archaeology; Urbanisation and Change in Complex Societies) and Classical Archaeology and Ancient History (Homeric Archaeology; Aegean Bronze Age Scripts). She also conducted a graduate class (16 hours) on Linear B and supervised students for the M.Phil. in Classical Archaeology. She was Director of Studies at Keble College for 21 students in two undergraduate degree courses (Archaeology and Anthropology; Classical Archaeology and Ancient History) and was college adviser to a similar number of Masters and Doctoral students in all areas of archaeology.

Bendall served as academic liaison for the Institute of Archaeology Reading Room, and on committees for the Sackler Library, the Centre for the Study of Ancient Documents, the Standing Committee for CAAH, and all other standard Archaeology, Classics and Keble committees. She was Examiner for a D.Phil. and Masters degrees in Classical Archaeology, and

assessor for numerous papers in CAAH, Archaeology and Ancient History, Classics, Art History and Oriental Studies.

Current research interests include:

Linear B and other Aegean Bronze Age scripts, especially the integration of textual and archaeological data; anthropological approaches to Mycenaean religion, feasting and sacrifice; economic history

Specific research projects included:

Book on *Economics of Religion in the Mycenaean World*
Feasting and banqueting in the Mycenaean world (two articles)
Ashmolean Linear B documents
Article on rhyta and Linear B ideogram *211+PO

Barry Cunliffe, Professor of European Archaeology

Research activity during the year has been focused on preparing the reports for the Danebury Environs Roman Project and, when time allowed, continuing to work on the text for a book on the prehistory and early history of Europe which was completed in Trinity Term. He directed an excavation on the island of Sark in July.

He has delivered lectures and seminars in various parts of the country including the Dalrymple Lectures in Glasgow, the McDonald Lecture in Cambridge and a paper at the Dover Boat Conference. He has visited sites and museums in the Channel Islands, France, Holland, Spain and Portugal.

He continues to serve on a number of trusts and editorial boards and is a Commissioner for English Heritage and chairs the English Heritage Advisory Committee, and is a Trustee of the British Museum.

He was awarded the Grahame Clark Medal by the British Academy.

Current research interests are:

Social and economic change in the first millennium BC in Europe. The present emphasis is on Atlantic trading systems, cultural interactions and state formation in southern Iberia and social hierarchies in central southern Britain

Specific research projects include:

The Danebury Environs Roman Project
The Najerilla Project
The Le Yaudet Project, Brittany
The Survey of Sark
Atlantic trade

Helena Hamerow, University Lecturer in Early Medieval Archaeology

In 2006–7 Helena Hamerow held a British Academy Senior Research Fellowship in order to work on a book for OUP on the archaeology of Anglo-Saxon settlements. In October 2006 she acted as External Examiner for a doctoral thesis at the University of Leicester. The summer of 2007 saw the launch of the AHRC-funded website, the *Novum Inventorium Sepulchrale*. Anglo-Saxon Graves and Graves-goods in Kent in the Sonia Hawkes Archive (<http://web.arch.ox.ac.uk/archives/inventorium>). She continued to serve as a member of the editorial boards of *The Oxford Journal of Archaeology* and *Early Medieval Europe* and to act – together with John Blair – as General Editor of the OUP series, ‘Medieval History and Archaeology’. She also, together with Dr Sally Crawford, edits the OUSA series, *Anglo-Saxon Studies in Archaeology and History*. She continued to serve on Oxford Archaeology’s Academic Committee and Council and the Medieval Settlement Research Group.

Current research interests are:

Early medieval settlements in north-west Europe, AD 400–900
‘Special Deposits’ in early medieval Europe
Anglo-Saxon settlements

Specific research projects include:

A book on Anglo-Saxon settlements for OUP
The ‘Discover Dorchester’ Project (jointly with C. Gosden, G. Hey and P. Booth)
The Oxford Handbook of Anglo-Saxon Archaeology (edited jointly with Dr S. Crawford and Professor D. Hinton)
The Wallingford ‘Burh to Borough’ Project (with Dr N. Christie and Dr O. Creighton)

Arthur MacGregor, Senior Assistant Keeper/Acting Keeper in the Department of Antiquities, Ashmolean Museum

Dr MacGregor was Acting Keeper from 1 January to 31 March 2007. Lectured to symposiums on the history of botanical pharmaceutical collections at the University of Marburg and a conference on nineteenth-century archaeology at Wolfson College, Oxford entitled ‘History of British Archaeology at Oxford’. Supervised for the Department of the History of Art and acted as Chairman of Examiners for the Department of Continuing Education. Project Director for both ANRC and Leverhulme projects. Examined for the University of York. Continued as a Vice-President of the Royal Archaeological Institute, as co-general editor of *The Paper Museum of Cassiano dal Pozzo* (Royal Collection) and as editor of the *Journal of the History of Collections* (OUP). Appointed a member of the steering committee for a project on the library of Sir Hans Sloane. On sabbatical leave from 1 April 2007.

Classical and Byzantine

Janet DeLaine, University Lecturer in Roman Archaeology

Dr DeLaine gave undergraduate lectures and tutorials in Roman architecture and Roman art, lectures for the CAAH Roman core paper, and general lectures on the monuments for Rome from Nero to Hadrian, in addition to tutoring Masters students in Classical Archaeology. She supervised five Masters and four D.Phil. students. She was Chair of Examiners for the Masters in

Classical Archaeology, and assessor for several undergraduate papers. She also organized the Graduate Archaeology Seminars for MT, on Pompeii and Ostia. Over the summer she contributed to the Committee for Archaeology/Oxford Archaeology Dorchester-on-Thames project.

Dr DeLaine presented an invited paper at an international colloquium on the Pantheon at the Karman Center for Advanced Studies in the Humanities, University of Bern, and was the keynote speaker at an international colloquium on the Baths of Caracalla, at the Austrian Institute, Rome. She was a visiting speaker at the Department of Classics, University of Leiden, and at the Department of Classics, University at Buffalo (SUNY), giving lectures and seminars on the Roman building industry and on Ostia. She continued to serve the editorial board of the *American Journal of Archaeology*, on the board of the Roman Research Trust, and on the Consultative Committee for the Molly Cotton Foundation.

Current research interests include:

Roman architecture; urbanism in the Roman Mediterranean; the Roman construction industry

Specific projects include:

The urban development of Roman Ostia

Donna Kurtz, Beazley Archivist and Professor of Classical Art

During the year the Archivist tutored for the Faculty of Classics and the Department of the History of Art, examined for both, and acted as Chairman of Examiners for CAAH Mods. She was made a Fellow of the OeRC and an Honorary Life Member of the Hellenic Society.

Irene S. Lemos, Professor in Classical Archaeology (Statuary Reader in Classical Archaeology)

Irene Lemos has lectured and supervised both undergraduate and graduate students. She has also served as college tutor (Merton) of a number of graduate students in archaeology. She was both external and internal examiner of seven Ph.D. theses. She served as convenor in Classical Archaeology for Greats until Trinity Term 2007. In Trinity Term 2007, she organized a series of seminars on Style together with Professors C. Gosden and B. Smith.

She has given a number of papers in conferences and universities (UK, Germany, Greece, and Italy).

Current research interests include:

The archaeology and art of early Greece; state formation in early Greece from the Late Helladic IIIC to the Archaic period; literacy; Late Bronze and Iron Age exchange patterns in the Mediterranean; the archaeology of Ionia

Some specific projects include:

Excavations at Lefkandi (visit website www.classics.lefkandi.ox.ac.uk)

Publication of the Toumba cemetery at Lefkandi

Publication of Early Iron Age material from Oropos, Attica

Editor for Bronze and Iron Age entries of the Blackwell Encyclopedia of Ancient

History

Marlia Mango, Lecturer in Byzantine Archaeology and Art

Dr Mango continued to supervise eight doctoral students and two Masters students. She also taught for the M.St. in Classical Archaeology and the M.St. and M.Phil. in Byzantine Studies, as well as the FHS of Archaeology and Anthropology, of Classical Archaeology and Ancient History, and of History of Art. She remained Organizing Tutor for the Archaeology and Anthropology students at St John's College. She convened the termly seminar in Byzantine Archaeology and Art, and co-convened another in Byzantine Studies. She was Chairman of Examiners for the M.Phil. and M.St. in Byzantine Studies and an Assessor for the M.St. in Classical Archaeology and for the FHS of Archaeology and Anthropology, of Classical Archaeology and Ancient History and of History of Art. She continued to serve as Secretary of the Committee for Byzantine Studies, on the Editorial Board of *Oxford Studies in Byzantium* (OUP), on the Harrison Fellowship Committee, on the Management Committee of the Khalili Research Centre, and on COLPOSANE. She also continued as a member of the Board of Directors of the Saint Catherine Foundation, Inc. in New York. She gave a lecture on her project at Andarin in Syria at the AGM of the Council of British Research in the Levant, London and another, as Guest of Honour Speaker, to the 30th Congress (DOT) of the Deutsche Morganländische Gesellschaft in Freiburg. She also gave a paper at a conference of the German Archaeological Institute in Damascus and a seminar paper in Oxford.

Current research interests are:

Urbanism in the eastern provinces of the Empire; Byzantine trade; late antique secular architecture and 'pagan' art

Specific projects include:

The Androna (Andarin) Excavations and Landscape Study in Syria

The Tchalenko Archive Project

The Laskarina Bouras Archive Project

The Sevso Treasure Documentation Project

Catalogue of Late Antique and Byzantine Antiquities in the Ashmolean Museum

R.R.R. Smith, Lincoln Professor of Classical Archaeology and Art

Smith gave University lectures on *Texts and Contexts: Art and Archaeology* and *Greek Sculpture*, gave a team-taught class (with B. Dignas) on *Rome, Italy, and the Hellenistic East, 300–100 BC*, and organized research seminars on *The Archaeology of Athens and its Empire in the Fifth Century BC*, in Hilary Term 2007, with M. Stamatopoulou, and on *Style in Archaeology*, in Trinity Term 2007, with C. Gosden and I. Lemos.

He continued archaeological fieldwork in Turkey at Aphrodisias in July and August.

He gave research papers in Ankara, Edinburgh, Lecce, London, New York, Oxford and Rome, and made research visits to Jordan and Sicily to see sites and museums.

Current research interests are:

Greek and Roman art; the archaeology of Asia Minor in the Hellenistic and Roman

periods

Specific projects include:

Aphrodisias Excavations

Michael Vickers, Professor of Archaeology; Senior Assistant Keeper, Department of Antiquities, Ashmolean Museum

Professor Vickers directed (together with Professor A. Kalkhidze) the tenth season's work of the Oxford–Batumi Pichvnari Expedition, the excavation of the Greco-Colchian settlement on the Black Sea coast of Georgia. He served as an adviser to the Georgian National Science Foundation and on the advisory board of the Centre for Archaeological Studies of the Georgian Academy of Science, Tbilisi. Continued as Chairman of the Friends of Academic Research of Georgia. Lectured at Tbilisi State University, Bilkent University, Ankara, the University of Gdansk, the University of Lausanne, and the University of Zurich. He supervised one graduate student.

Susan Walker, Keeper of Antiquities, Ashmolean Museum

Dr Walker completed the coordination of scheme design for the Ashmolean Plan with Henry Kim and Nick Butterley; the report was presented to the Museum by the consultant designers Metaphor in December 2006. From 28 December 2006–28 March 2007 Dr Walker was on sabbatical leave as Balsdon Senior Fellow at the British School at Rome. She completed fieldwork for a project on recontextualizing figured Roman cameo glass from Pompeii, and delivered a public lecture at the School on *The fall of Alexandria in early imperial Roman art*. She arranged and led visits for the School students to three new and/or refurbished museums in Rome, and visited special exhibitions and museums in Rome, Naples, Pisa, Florence and Paris. From April– July, aided by Yvona Trnka-Amrhein and Christina Bates, she began work on preparing the object lists for the galleries of Rome and the Mediterranean World AD 300–1700, while managing the next stages of the design process for the Museum with Henry Kim and Nick Butterley. She supervised Arianna Carlini's work on preparing object lists for the Ancient Cyprus Gallery, and supervised three graduate students for the Sub-faculty of Archaeology. In July she visited Professor Vickers' excavations at Pichvnari, Georgia, and other sites and museums in Georgia, with Suzanne Anderson and Professor John Wilkes. She continued to serve on the management committees of the Griffith Institute, the Wainwright Fund and the Society for Libyan Studies.

Andrew Wilson, Professor of the Archaeology of the Roman Empire

Professor Wilson served as Director of Graduate Studies for Archaeology, and supervised eight D.Phil. students. He continued to serve as Honorary Secretary of the Society for Libyan Studies, on Council of the Society for the Promotion of Roman Studies, and on the Faculty of Arts, Humanities and Letters of the British School at Rome.

His research over the year continued his focus on the analysis of archaeological evidence for the economy of the Greek and Roman worlds. Together with Professor Alan Bowman (Oxford), he directed the AHRC-funded Oxford Roman Economy project (OXREP) on *Quantifying the Roman Economy*, working this year on the collation and analysis of

archaeological evidence for urban populations of the Roman empire. A one-day conference on 'Settlement, Urbanisation and Population' was held in September 2007, followed by a one-day discussion workshop involving the speakers and respondents.

He prepared papers on 'Site recovery rates and the ancient population of the Biferno Valley', for *Archaeology and Landscape in Central Italy. Papers in Memory of John A. Lloyd* (ed. G. Lock and A. Faustoferri); 'The castra of Frontinus', for *Res bene gestae. Recherche di storia urbana su Roma antica in onore di Eva Margareta Steinby* (ed. A. Leone, D. Palombi and S. Walker); and on approaches to quantifying Roman trade, for the publication of the first OXREP conference. He presented papers at several conferences and seminars in Rome and Oxford.

He co-directed a finds study season at the Greek colony of Euesperides (Benghazi, Libya) jointly with Paul Bennett of Canterbury Archaeological Trust and Ahmed Buzaian (Gar Yunis University, Benghazi), and continued with writing up his excavations in Rome.

Current research interests include:

Ancient technology, especially mechanization and the use of water-power; the ancient economy, especially urban-based artisanal activities, and long-distance trade in the Greek and Roman periods; ancient water supply and irrigation

Specific research projects include:

Oxford Roman Economy Project: *Quantifying the Roman Economy*
Excavations at Euesperides (Benghazi, Libya)
Excavations in the Roman Forum (Rome)
The Janiculum mills (Rome)

Egyptian and Near Eastern

Helen Whitehouse, Senior Assistant Keeper in the Department of Antiquities, Ashmolean Museum

Dr Whitehouse taught and supervised for the Faculties of Oriental Studies and History of Art, and continued to serve on the Management Committee of the Griffith Institute. In the first half of January she worked with the Dakhleh Oasis Project in Egypt, recording the fragmentary Roman wall paintings from Kellis and Amheida. Together with Liam McNamara, she gave early evening gallery talks to the Friends in October and May, and in May she staged a handling session on Ancient Egyptian faience for the Young Friends: it was particularly pleasing to find some sixth-form school students enrolled amongst them.

Numismatics

Julian Baker, Finds Adviser, Medieval and Post-Medieval Coins, Portable Antiquities Scheme to February 2007, thereafter Money Gallery Curator, Heberden Coin Room, Ashmolean Museum

Dr Baker acted as the Finds Adviser for the Portable Antiquities Scheme until February 2007, when he was appointed Money Gallery Curator. In August he spoke at the International Byzantine Congress in London on medieval Greek monies of account. In September he held meetings with Mark Blackburn and Anna Gannon (University of Cambridge) on a new online

guide to the identification of early Anglo-Saxon coinage. In October he taught medieval numismatics to new Finds Liaison Officers in Winchester. Dr Baker was in Athens during all of November, where he finished cataloguing the British excavation coins of Sparta. This two-year project, funded by the British Academy, was finally closed with the employment, in early 2007, of Effrosyni Nomikou, who worked on databases and photographic archives. Dr Baker taught M.Phil./M.St. students on Byzantine numismatics in Hilary Term. In February he held three training sessions in Oxford, Derby, and Preston, for staff of the Portable Antiquities Scheme. For most of the spring and early summer he worked on the new displays in the Ashmolean Money Gallery. In July Dr Baker visited Professor Daniele Castrizio in Messina, Italy to discuss the final publication of medieval numismatic material from Calabria which they had previously studied jointly. Throughout the academic year 2006–7 he was assisted by volunteers Bronwen Everill and Lucy Moore, to whom he is very grateful.

Current research interests are:

Excavation coins from Sparta and Argos

Shailendra Bhandare, Assistant Keeper (South Asian coins and Banknotes), Heberden Coin Room, Ashmolean Museum

Dr Bhandare visited India from 19 January to 5 March 2007. He worked on documenting new coins from three private collections. In February he spent time at the National Archives of India in New Delhi preparing a paper on coinage during the Indian Mutiny. This paper was entitled ‘Re-thinking the Revolt – coinage in 1857–59’ and he delivered this on 7 February 2007 to the Indian International Centre in New Delhi and then to the National Centre for performing arts in Mumbai on 2 March. Back in England he delivered the paper on 12 May for the Oriental Numismatic Society at the Department of Coins and Medals in the British Museum and on 25 July at the ‘Mutiny on the Margins’ conference at the University of Edinburgh.

In May Dr Bhandare went to Durham to help Dr Derek Kennet, Department of Archaeology, Durham University to finish the excavation report of Paithan, an early historical site in Maharashtra, India. He participated in the Ashmolean Museum’s Education Department event *Funny Money* for the visually impaired on 3 May 2007. On 11 July he visited New York and gave a lecture to the American Numismatic Society entitled ‘Not just a pretty face: interpretations of Alexander imagery on coins from the Hellenic East’. Whilst at the ANS he worked on the Indian coin collections. Dr Bhandare continues to moderate the web-based discussion group ‘southasia-coins’. He is also engaged with conceptualizing and designing parts of the new ‘Money’ gallery in the Ashmolean Plan.

Current research interests are:

Monetary history of India (400 BC–AD 500 and post-16th century)

Volker Heuchert, Collections Manager, Heberden Coin Room, Ashmolean Museum

Dr Heuchert has been working full time as Collections Manager since 1 October 2006. He has also taken curatorial responsibility for Greek coins while Henry Kim is on secondment. In his capacity as Collections Manager he has been closely involved in the introduction of MuseumPlus as a new museum-wide collections management system, both at a museum and departmental level. He also looked after visitors wanting to consult the collection and dealt with photographic and other inquiries. He worked on displays for the new Money Gallery and liaised with lead curators of other galleries. He conducted a coin handling session entitled 'Midas' Touch: Handling Ancient Gold Coins' for the Young Friends of the Ashmolean Museum. He also taught two graduate students and gave tutorials on Roman coinage to four undergraduate students. At the launch of Roman Provincial Coinage Online in October 2006 he gave a demonstration of some of the 'highlights' of the new website. Either jointly with Chris Howgego or on his own he gave further talks and demonstrations of RPC Online to the Roman Discussion Forum (Institute of Archaeology in Oxford), Oxford University Computing Services, the inaugural meeting of the Digital Coins Network, the Annual Meeting of Postgraduates in Ancient History, Oxford University Numismatic Society, the colloquium 'Münzen, Museum, Internet. Rechnergestützte Dokumentationssysteme und Forschungsprojekte im Internet-Zeitalter' at the Pergamonmuseum in Berlin, and to a group of numismatists and computer experts at the Cabinet des Médailles, Bibliothèque nationale de France, in Paris.

Current research interests are:

Roman Provincial Coinage of the Antonine Period (AD 138–92)

Christopher Howgego, Keeper, Heberden Coin Room, Ashmolean Museum; Professor of Greek and Roman Numismatics

Professor Howgego continues to direct the Roman Provincial Coinage in the Antonine Period project and Roman Provincial Coinage Online. The latter was launched in October and received over two million hits within its first year. He delivered 17 University lectures, gave weekly tutorials to three M.Phil. students and two undergraduates, and supervised two doctoral students and one M.Phil. student.

He read a paper on 'Some Numismatic Approaches to Quantifying the Roman Economy' to a colloquium on Approaches to Quantifying the Roman Economy as part of The Oxford Roman Economy Project directed by Alan Bowman and Andrew Wilson. Jointly with Volker Heuchert he gave talks about Roman Provincial Coinage Online to the Roman Discussion Forum at the Institute of Archaeology in Oxford, the Digital Projects Group at Oxford University Computing Services, the Annual Meeting of Postgraduates in Ancient History, Oxford University Numismatic Society, and to a group of numismatists and computer experts at the Cabinet des Médailles, Bibliothèque nationale de France, in Paris. He served on the Appointments Committee for a Curator of Greek coins at the British Museum. He undertook handling sessions for Abingdon School and for potential Classics students under the auspices of the Sutton Trust. He acted as assessor for the numismatics papers in the undergraduate course on Classical Archaeology and Ancient History and for the Masters degrees in Greek and/or Roman History.

Current research interests are:

Roman provincial coinage; Coinage and economic history

Henry Kim, Assistant Keeper (Greek coins and Medals), Heberden Coin Room, Ashmolean Museum; University Lecturer in Greek Numismatics

Mr Kim remains on secondment as Concept and Design Manager to the Ashmolean Development Plan.

Professor Nicholas Mayhew, Honorary Curator of the Heberden Coin Room

Professor Mayhew, as Honorary Curator of the Heberden Coin Room, attended a conference entitled 'Monnaie, crédit et fiscalité dans le monde rural' held in Madrid from 8–10 February 2007. He read a paper on research in university and regional museums at the conference 'Research and Museums' at the National Museum and Nobel Museum in Stockholm from 22–25 May 2007. He also attended the conference in Dijon on 8 September 2007, 'Les modes de rémunération du travail; formes de l'embauche et composition due paiement'.

Current research interests are:

Medieval and early modern coinage and monetary history

John Naylor, Finds Adviser, Portable Antiquities Scheme from June 2007

Dr Naylor joined the Coin Room as the Portable Antiquities Scheme Finds Adviser for Medieval and Post-Medieval Coinage in late June 2007, following post-doctoral work in Early Medieval archaeology at the University of York. He has undertaken various training since commencing his post. In July he delivered a paper at the International Medieval Congress in Leeds on the economy of eighth-century England, where he also organized a strand of five sessions exploring the relationship between urban and rural in early medieval Europe.

Current research interests are:

Early medieval period in northern Europe including the archaeology of trade, production and exchange; monetary history and the role of coinage in society; the evolution of settlement hierarchies and urbanism; and the use of metal-detected artefacts in archaeological research

Luke Treadwell, Assistant Keeper (Islamic), Heberden Coin Room, Ashmolean Museum

Dr Treadwell welcomed two Shamma Visiting Fellows this year, Professor Aleksandr Naymark and Dr Doug Nicol. He attended a conference in December 2006 at the National Museum of Denmark, Copenhagen and gave a paper entitled 'Buyid die-engravers. Islamic coinage in Scandinavia'. He also completed a research visit to the Stockholm Numismatic Institute in November 2006 which included reading a paper at a conference entitled 'From Birka to Byzantium'. Dr Treadwell edited Volume 6 of the *Sylogue of Islamic Coins* in the Ashmolean Museum which was written and compiled by Dr Doug Nicol and is due out in August 2007. He taught in the M.Phil. programme of Islamic art and architecture.

Current research interests are:

Early Islamic coinage: monetary history of the fourth and fifth centuries AH: Islam in central Asia (to the Mongol invasion)

Archaeological Science

Gary R. Lock, Professor of Archaeology

Gary Lock's post is split between the Department for Continuing Education, where he directs the archaeology programme, and the Institute of Archaeology. Fieldwork has continued locally with the Vale and Ridgeway Project based on the later prehistoric landscape of the Berkshire Downs and Vale around Marcham/Frilford (with Professor Gosden). Other research interests include the use of Geographic Information Systems technology in the reconstruction of ancient cultural landscapes, the preparation for publication of the Sangro Valley Project fieldwork results funded by the British Academy and the Leverhulme-funded White Horse Museum Project with artist-in-residence Tania Kovats. Professor Lock also manages the AHRC-funded South Cadbury Environs Project, with Bristol University, which is continuing with extensive fieldwork and GIS-based analysis.

Professor Lock is the Continuing Education representative on the Education Committee of the Council for British Archaeology, a member of SCACE (the Standing Conference on Archaeology in Continuing Education), a member of the National Archaeology Training Forum, a member of the IFA Professional Training Committee, editor of the *Archaeological Computing Newsletter*, on the Academic Committee of Oxford Archaeology and a member of the Arts and Humanities Research Council's Peer Review College.

David Griffiths, Lecturer in Archaeology, OUDCE

David Griffiths's research project on Meols continued to progress towards completion, and is now at the editing stage preparatory to the final text being submitted to the School of Archaeology's monographs series. His Birsay/Skaill Landscape Project in Orkney progressed from the second season of survey and geophysics to a third season involving test excavation at two further sites in July–August 2006.

David Griffiths is Director of the Oxford University M.Sc. in Applied Landscape Archaeology (part-time, two years), run by Continuing Education, which completed its second full cohort in 2005, with three candidates gaining distinctions. There are now 14 students on this course, from a wide variety of backgrounds including several current employees of English Heritage and other professional organizations. He is also Director of the OUDCE Advanced Diploma in Archaeological Practice.

Current research interests:

Early Medieval settlement and economy (Anglo-Saxon/Celtic/Viking); Landscape Archaeology

Specific research projects:

Meols Project
Birsay/Skaill (Orkney) Landscape Project
Maen Achwyfan Project

Trondenes Project

Peter Northover, University Research Lecturer

Dr Northover is responsible for the Materials Science based Archaeology Group in the Department of Materials, and manages specimen preparation and optical microscopy at the Department's site at the OU Begbroke Science Park

His primary activities are post-excavation- and museum-based studies of non-ferrous and precious metals with collaborators in a number of countries. Current research interests are Bronze Age copper ingots in Atlantic Europe, the Bronze Age in Scandinavia, non-ferrous metallurgy in Britain at the Iron Age/Roman transition, Islamic copper alloy and silver metallurgy, and the metallurgy of the Industrial Revolution, especially ships' and coinage copper, and early railways.

During the year Dr Northover has presented papers at the EAA meeting in Krakow, at the Archaeometallurgy in Europe meeting in Aquilea, and at the ICOM-CC metals Working Group meeting in Amsterdam. Topics covered included Chalcolithic metallurgy in the Trentino-Alto Adige, Bronze Age metallurgy in Norway and ships' copper.

Mark Robinson, Professor of Environmental Archaeology and Director of the Environmental Archaeology Unit, University Museum of Natural History

Laboratory practical classes and lectures were given for the undergraduate degrees in Archaeology and Anthropology, and Classical History and Ancient History. Professor Robinson took over as Chairman of Examiners for Archaeology and Anthropology.

There was further progress on the Aggregates Levy-funded 'Thames through Time' project with Oxford Archaeology on the synthesis of the archaeology of the Middle and Upper Thames Valley. A start was made on the Mesolithic to early Bronze Age volume and the Roman to Saxon volume was published. Four weeks were spent at Herculaneum investigating the contents of a Roman sewer. Research was undertaken on the prehistoric volcanic sequence of Pompeii and its relationship to archaeology. The results were presented at a conference in Rome.

Current research interests are:

- Integrated palaeoenvironmental studies of waterlogged plant and invertebrate remains from archaeological sites
- Floodplain palaeohydrology in relation to archaeology
- Late Mesolithic to Bronze Age changes in the British insect fauna
- Plant and invertebrate evidence for diet, ritual and environment in Pompeii and Herculaneum
- The prehistory of Pompeii and the Sarno Valley

Specific research projects include:

- Plant and invertebrate remains from Silchester
- DAI/University of Oxford excavations at Pompeii
- Svenska Institutet i Rom/University of Oxford excavations at Pompeii
- Herculaneum Conservation Project/University of Oxford analysis of sewer contents at

Herculaneum

A.M. Pollard, Director and Edward Hall Professor of Archaeological Science

Professor Pollard joined a small group of staff from the School of Archaeology for a week in Japan from 24 September–1 October, hosted by Tokyo University and Ritsumeikan University, Kyoto. This involved presenting a paper at a seminar held in both Tokyo and Kyoto. He was invited to attend a Deutsche Forschungsgemeinschaft meeting in Bonn, Germany, in October as an international evaluator for the Centres of Excellence funding programme. He co-organized the NERC EFCHED Finale programme at the British Museum in October, chairing one of the sessions and acting as a discussant. At the invitation of the Cultural Heritage and Tourism Organisation, he visited Iran in November, to visit the Chehrabad Salt Mines, Zanzjan, and collect samples from the naturally-mummified ‘salt men’ for scientific investigation.

On 23 November he was invited to attend a discussion meeting in the House of Lords following the publication of the House of Lords Science and Technology Committee Report ‘Science and Heritage’, for which he had previously given oral evidence. He gave an invited talk entitled ‘The archaeological science scene in the UK’ at a meeting held at Tate Modern, entitled ‘Looking Forward to the Past: Science and Heritage’ organized jointly by AHRC and CCLRC.

In December he conducted a Ph.D. viva at the University of York, and in the evening was Master of Ceremonies at a dinner at the University of Bradford in honour of Professor Arnold Aspinall. The following day he chaired a session at the conference organized as Festschrift for Professor Aspinall. From 6–9 December he attended the ‘Preservation of Archaeological Remains in Situ’ conference in Amsterdam, for which he had organized a session.

He organized a discussion meeting in Oxford in February on behalf of NERC to discuss the research potential of the ‘African Pump’ model of later human evolution. He also attended a similar meeting in York on archaeological proteomics. In March he became Chair of the Research Advisory Panel of English Heritage.

In June Professor Pollard was invited back to Bonn by the Deutsche Forschungsgemeinschaft (DFG) as an External Assessor for the second round of the Excellence Initiative ‘Ancient Cultures’ Panel. In September, he carried out fieldwork in Zhejiang Province, China, using money awarded from the Fell Fund. The project is aimed at examining the environmental impact of large-scale and long-term ceramic production in China, and, more specifically, in the Yue kiln region, to test the hypothesis that the decline in Yue production during the Yuan dynasty was the result of over-exploitation of the wood resources. The purpose of this visit was to identify suitable sites for extraction of pollen cores, and this was achieved – some preliminary cores were obtained, and await examination. We have identified a number of suitable sites and plan to return next year for a more rigorous sampling programme.

Robert E.M. Hedges, Deputy Director, Research Laboratory for Archaeology and the History of Art

During this year, apart from teaching M.Sc. course and D.Phil. students, and normal research activities, Professor Hedges was invited to visit and talk to (a) Department of Biochemistry, Dalhousie University, Nova Scotia, (b) Physics Institute, University of Vienna, (c) Weizmann Institute of Science, Israel, (d) Presentation at the NERC-funded EFCHED final meeting (London).

He was awarded two grants: 1) AHRC grant on Measuring the Isotopic landscape: bone chemistry, the environment, and ancient agriculture in the Thames Valley and 2) NERC Joint grant with Earth Sciences on Calcium Isotopes: a new tool to study the spread of dairying in Prehistory. Linda Reynard has been awarded a post of the NERC/Earth Sciences grant. The new Mass Spectrometer, purchased on a John Fell award, has now been installed.

During the Trinity Term Robert Hedges has been on sabbatical leave. In July he participated in excavations of Bronze Age kurgans in the Russian steppe (Kalmykia), as part of his research interest in diet (especially fish consumption) and radiocarbon reservoir effects.

Christopher Ramsey, University Research Lecturer, Archaeological Science

Professor Ramsey attended the Second Carlsberg Dating Conference in Copenhagen, presenting a paper entitled 'Integration of chronological information from multiple records'. Last term also saw the publication in *Antiquity* of a review article on Radiocarbon calibration and the release of a new version of the calibration program OxCal. His other main focus has been the Leverhulme-funded Egyptian Chronology project in conjunction with colleagues in the lab and elsewhere.

His NERC-funded programme 'Dating of the Middle–Upper Palaeolithic transition in western Europe using ultrafiltration AMS radiocarbon' began in October with a large group meeting. This is a three-year research project involving staff in the Research Laboratory, British Museum and University of Southampton. Two doctoral students are involved as well as a soon-to-be-appointed post-doctoral research fellow.

Rick Schulting, Lecturer in Scientific and Prehistoric Archaeology

Dr Schulting arrived in January 2007, taking up a newly created post in the School of Archaeology, bridging the Institute of Archaeology and the Research Laboratory for Archaeology. Major research interests are in AMS dating and stable isotope approaches to palaeodiet across the Mesolithic–Neolithic transition in western Europe, and in the skeletal evidence for interpersonal violence.

Aside from D.Phil. supervision, teaching duties commenced in Michelmas 2007 with taking over the role of co-ordinator for FHS Paper 3, for which four lectures were delivered. He also taught on the M.St. in European Archaeology.

Dr Schulting took a sabbatical in Trinity 2007, which was spent examining British museum collections in relation to a Leverhulme Trust project entitled 'Skeletal evidence for violence in the earlier Neolithic of northwest Europe'. D.Phil. student Linda Fibiger is attached

to the project, and has been investigating skeletal collections in Denmark and Germany. A number of human bone samples were taken and submitted for dating at the RLAHA in relation to this project. A large recently excavated human bone assemblage from a chambered tomb in south Wales was also examined, with a view to applying for funding for a series of AMS determinations to facilitate Bayesian analysis. This proposal (to ORADS) was successful, and the results have recently been obtained and are being written up.

A conference entitled ‘Living Landscapes: Exploring Neolithic Ireland and its Wider Context’ was co-organized with Dr Nicki Whitehouse and Meriel McClatchie (Queen’s University Belfast) (http://www.arch.ox.ac.uk/conferences/living_landscapes), and held in Belfast 31 May–1 June 2007. This brought together scholars from Ireland, Britain and Spain. A conference proceedings volume is nearing completion, and should be published in late 2008.

Conference and seminar papers were presented in Belfast, Bergen, Dublin, Exeter, Oxford, Puerto Rico, Reading and Schwerin.

Editorial work proceeds on the large proceedings volume resulting from the 7th Mesolithic in Europe conference held in Belfast in 2005, with some 140 papers.

An Irish Heritage Council Grant was received in 2006 for small-scale excavations and palaeoenvironmental investigations at an enigmatic Neolithic megalithic monument at Millin Bay, Co. Down. This has revealed evidence for sea-level changes and provided a better understanding of the setting of the monument, and the landscape before and after its use. A series of OSL and AMS ¹⁴C dates have provided the first absolute chronology for the site.

Current research interests are:

Mesolithic of western Europe, Neolithic of Britain, Ireland, southern Scandinavia and western France; North American Northwest Coast and Plateau archaeology and ethnography; complex hunter-gatherers, transition to agriculture, mortuary analysis, stable isotope analysis and dietary reconstruction, skeletal evidence of interpersonal violence

Specific research projects include:

Burial practices of British Mesolithic populations

Dietary variation in coastal Mesolithic populations

The timing of the Mesolithic–Neolithic transition in western Europe and associated dietary changes

The dating of Neolithic mortuary monuments and the implications for exclusivity/inclusivity, re-use of monuments in later periods, and alternative burial practices

Skeletal evidence of interpersonal violence in the Mesolithic and Neolithic of western Europe

4. RESEARCH PROJECTS IN PROGRESS

4.1. *Summary Accounts of Projects*

A. Scientific investigations

Tephra from excavations in Pompeii

Professor M.A. Robinson, with the Research Laboratory for Archaeology and the History of Art

Preliminary analyses were undertaken by the RLAHA of prehistoric tephra sequences which had been collected from various sites at Pompeii. Some had prehistoric archaeology interstratified within them. The results suggested that ash from eruptions of the Campi Flegrei and possibly Ischia was present as well as from various prehistoric eruptions of Vesuvius.

Development of fine probe magnetic susceptibility instrumentation and methodology

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson

The development and experimental use of a ‘Bartington’ fine-probe magnetic susceptibility field instrument capable of measuring *in situ* levels of soil magnetic susceptibility within excavated horizons and sections. Methodology deployed during Dickett’s Field (DFY06) excavation for further analysis.

Sponsor: Oxford Strategic Consulting

Application of Photogrammetry techniques to surface-finds and excavation recording

Dr W.B. Scott-Jackson, Dr J.E. Scott-Jackson

Investigations into the use of photogrammetry to provide detailed spatial records of deposits, clasts and artefacts to allow subsequent analyses and interpretation of destroyed contexts. Deployed during field surveys in Sharjah, United Arab Emirates to map surface-finds and orientations. Also in a wide area spatial survey at Dummer Clump, Hampshire, UK and a detailed multi-layer survey within a 1 metre trench at Dickett’s Field, Alton, Hampshire.

Sponsor: Oxford Strategic Consulting

Magnetic susceptibility, soil analysis and photogrammetry – analyses of post-excavation datasets from the Lower and Middle Palaeolithic site of Dickett’s Field, Alton, Hampshire, UK

Dr W.B. Scott-Jackson, Dr J.E. Scott-Jackson

The main objective of the Dickett’s Field (2006) investigations/excavation was to determine the geomorphological context of a specific previously excavated (2003) area in which Palaeolithic artefacts had been found. A photogrammetry pilot study was also undertaken. Analyses of the magnetic susceptibility, soil analysis and photogrammetry results have, to date, defined a limit and depth of the disturbance associated with the construction of the nearby Iron Age hillfort.

Further analyses of these datasets should contribute to a better understanding of the site formation processes.

Sponsor: Oxford Strategic Consulting

Environmental factors in human evolution and dispersals in the Upper Pleistocene of the western Mediterranean

Professor R.N.E. Barton

The project addresses various questions relevant to the themes of human evolutionary history and climate change in the Mediterranean. North-west Africa is a key region of interest for the understanding of human evolution. It is situated at one of the closest points of contact between Eurasia and Africa, and therefore would have been a potential corridor for the dispersal of early human populations out of Africa. A major factor in this research is to what extent climate influenced or was the principal driving force in cultural and biological evolution. Which human species lived here, and were the population successions predominantly local events, perhaps indicative of isolation and endemism?

Funding of the first phase of work in this project was completed. Amongst the outcomes in 2006–7 was the conclusion of a third season of fieldwork at Taforalt Cave in which Aterian levels of the site were examined and dating and palaeoenvironmental samples were taken for analysis. Further work was conducted relating to the dating of Aterian caves on the Moroccan Atlantic coast.

Papers were given at one international conference in Portugal and lectures delivered at two workshop meetings and at the public finale EFCHED meeting held at the British Museum.

Dr Price finalized her work on the small mammals of caves in Gibraltar and southern Spain, which will be published in a forthcoming monograph and a paper for *Quaternary Science Reviews*, respectively.

B. Excavations

Atlantic Seaways Project: Sark

Professor B. Cunliffe, Ms E. Durham

The survey of the archaeology of the island of Sark (Channel Islands) continued in July 2007 with further excavations at Tanquerel Fields near the Mill. Evidence was found of extensive Mid–Late Bronze Age occupation which was overlain by Late Iron Age and early Roman activity possibly associated with a shrine. A trial trench was also cut across a quarry dug to extract a distinctive porphyritic dolerite: no convincing dating evidence was found.

Sponsors: British Academy, Society of Antiquaries, Royal Archaeological Institute

Aphrodisias Excavations

Professor R.R.R. Smith

The current research project at Aphrodisias in Caria (south-west Turkey) began in 1991 and its aims remain (1) to record, document, and publish the earlier excavations carried out between 1961 and 1990, and (2) at the same time to pursue archaeological investigation of the city's urban plan, street system, and infrastructure.

The campaign of 2007 (June–August) was devoted to excavation in the North Agora and in the Atrium House, to final documentation of the City Wall, to continuing research and publication projects (Basilica, sarcophagi, epigraphy, Agora Gate reliefs), and to anastylosis work on the Sebasteion. Conservation work was concentrated on the preparation of the Sebasteion reliefs for a new museum display. The regional survey (directed by Chris Ratté) was also continued.

Sponsors: The Institute of Fine Arts (New York University), The Faculty of Arts and Science (New York University), The Geyre Vakfi (Istanbul), 1984 Foundation, Malcolm Hewitt Wiener Foundation, Joukowsky Family Foundation, The Friends of Aphrodisias (New York), Aphrodisias Sevenler (Izmir), The Friends of Aphrodisias Trust (London), L'Association des Amis d'Aphrodisias (Paris), other institutional and private donors

The Vale and Ridgeway Project: Excavations at Marcham/Frilford, Oxfordshire

Professor C. Gosden, Professor G. Lock

Excavations were carried out at the site of Marcham/Frilford, where previous excavations in the 1930s revealed a Romano-British temple and underlying Iron Age structures and further excavations in the 1980s uncovered an amphitheatre-like building. Extensive excavations have now been carried out on the Roman period religious complex that have elucidated its layout and function, as well as establishing how it linked to Iron Age activity at the site. In the previous season, excavations took place in the scheduled part of the site that focused on the large Middle Iron Age enclosure and also looked at a small area of the southern part of the temple precinct. In addition, excavations further east in Trendles Field also revealed evidence for an Iron Age settlement. Both these areas are still under investigation. The excavation runs as a training excavation for Department of Continuing Education students as well as people from a wide range of British and international universities and schools.

Sponsors: Oxford University, The Cumber Family Trust, Roman Research Trust, Local Heritage Initiative, The Vale and Ridgeway Trust

The South Cadbury Environs Project

Professor G. Lock, with Dr R. Tabor (Bristol University)

The exploration of the landscape around the Iron Age hillfort of South Cadbury, Somerset, using large-scale field-walking, geophysics and targeted excavation and test-pitting. Includes post-excavation and publication, partly digital including innovative GIS-based analysis.

Sponsor: AHRC

Androna (Andarin) Excavations and Survey, Syria

Co-directors: Dr R. Ugdeh (Hama), Dr M. Mango (Oxford), Professor C. Strube (Heidelberg). Oxford team (for Landscape Study 2006): Dr M. Mango, Dr R. Hoyland, A. Johnson, B. Magee, K. Mohammed, Dr L. Schachner

Also, from 2005: Andarin and Tchalenko Archive Projects, Research Centre, St John's College, Oxford: Research Assistant Dr L. Schachner, Archival Assistant P. Lange

This collaborative project of excavation and survey of a very large non-urban desert site, recorded as a Late Roman *mansio* on a Palmyra–Antioch trade route and as a Byzantine *kome* renowned for its wine, started in 1997 with a topographical survey (by Heidelberg) of the extensive remains which include two concentric circuit walls, 11 churches, and 50 known Greek inscriptions. The programme of fieldwork continued from 1998 with excavations in the centre of the site of a public bath (by Oxford) and barracks (by Heidelberg) – two pretentiously decorated buildings constructed by the same individual in and around AD 558 – and an Ummayyad bath (by Hama), and two domestic complexes (one dated 583/4). Oxford's excavations 2001–3, 2005 of the two large irrigation reservoirs by the site (61 x 61 x c.3 m) revealed inflow and outflow channels, evidence of fish breeding, and elaborate architectural and other sculpture. Study of excavated material continues at Oxford and in London by P. Lange, C. Cartwright, M. Robinson and C. Salter.

In 2004 the Oxford team began a landscape study of the area (22 x 14 km) around the site that includes the limestone plain between Andarin and a basalt jebel to the west. A draft map of this area with its 44 ancient and modern sites has been made, as well as draft plans of six main ancient sites; six qanat systems have been plotted, 131 loose finds (architectural and agricultural) recorded and 7,360 pottery sherds collected at 13 sites. In 2006 a magnetometry survey located key outlet channels at both reservoirs, eight to nine cement kilns at one of them, and a water channel between the two baths within Androna. A survey of water flowing levels in qanats and reservoirs was also carried out for a study of the water supply operation.

In summer 2007 we set up a web page at
http://www.arch.ox.ac.uk/research/research_projects/Andarin

Sponsors of Oxford team for 2007: Council for British Research in the Levant (London); for 2007 and long-term archival work: St John's College (Oxford)

Birsay–Skaill Landscape Project

Dr D. Griffiths

This project was initiated in 2003, with the support of Historic Scotland and Orkney Islands Council, to explore the applications of applied landscape research (particularly geophysics) in areas of known archaeological potential, but limited and/or biased past data capture, in this case due to coastal erosion. At Birsay, the Point of Buckquoy was surveyed – this produced a number of promising multi-period targets for investigation. At Skaill, both the northern fringes of the Bay and the World Heritage Area around Skara Brae were investigated – several very promising targets for further work were revealed. Survey work in 2004 revealed up to three major multi-period foci in the form of settlement mounds around the north of the Bay of Skaill, one of which (the mound of ‘Snusgar’) was subjected to a 20 x 15 m test trench which revealed Viking Age stone structures in its upper layers.

Further survey and excavation in 2006 expanded the number of archaeological foci in the form of sand-enhanced settlement mounds along the north coast of the Bay of Skaill to seven, and Ground Penetrating Radar and exploratory excavation revealed a number of new targets. In a hitherto unpromising location some 60 m to the east of the existing fieldwork focus, excavation revealed a substantially preserved stone building with stone orthostatic ‘furniture’ intact which had been filled with windblown sand – further investigation is planned for 2007.

Sponsors: Historic Scotland, Orkney Islands Council, Private donors to Kellogg College via Americans for Oxford

C. Fieldwork

The Sangro Valley Project Phase II, Italy

Management Committee including Professor G. Lock, Dr E. Bispham (University of Oxford), Dr N. Christie (University of Leicester), Dr S. Kane (Oberlin College, USA)

In collaboration with the Soprintendenza Archeologica dell’Abruzzo, the project is investigating settlement and economy in a region of south-central Italy concentrating on the later prehistoric to medieval periods. Work continues at Monte Pallano and at sites identified during the Phase I work.

Sponsors: British School at Rome, Craven Fund, Oxford University, Oberlin College

Euesperides (Benghazi)

Professor Andrew Wilson, in collaboration with Paul Bennett (Canterbury Archaeological Trust), Ahmed Buzaian (Gar Younis University, Benghazi)

In March–April 2007 a study season took place in Benghazi on the finds from the excavations at Euesperides (1999–2006). Study of the finds included quantification of the pottery assemblages to gain a picture of the city’s trading links, and an extensive programme of soil sampling of occupation deposits to shed light on diet and living conditions.

Sponsors: Society for Libyan Studies (London), Craven Committee (Oxford)

Wallingford and the Anglo-Saxon to Norman Transition

Dr H. Hamerow, Dr N. Christie (University of Leicester)

The project, led by Neil Christie from Leicester University, and involving archaeologists from Oxford, Leicester and Exeter focuses on the exceptionally well-preserved late Saxon *burh* defences at Wallingford, Oxon. and earthworks relating to the Norman castle. Wallingford is a key site for understanding Saxon planned town formation and the impact of the Norman take-over on town planning, yet remarkably little archaeological work has been undertaken here. The summer of 2007 saw small-scale excavation on the putative line of the late Saxon *burh*. An application submitted to the AHRC for a major research grant to enable fieldwork to be undertaken on a larger scale was successful and large-scale work will commence in the summer of 2008.

Sponsor: AHRC

Upper Pleistocene (Middle Palaeolithic) stone-tool manufacturing site in Sharjah Emirate, UAE

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson, Dr H. Walkington (site visit by Dr Adrian Parker)

Following the discovery by Dr J.E. Scott-Jackson (February 2006) of a Middle Palaeolithic stone-tool manufacturing site in Sharjah Emirate, UAE, a series of field investigations (over several field-trips) have been undertaken. These included: initial on-site artefact analysis and recording; aerial photography; detailed photogrammetry. The findings were presented at the ‘Seminar for Arabian Studies’ at the British Museum and will be published in the *Proceedings* (see <http://users.ox.ac.uk/~padmac/>).

Although a Middle Palaeolithic ‘Southern Route’ out of Africa to the Far East has been proposed, with the UAE lying directly on this route – no Palaeolithic sites had previously been unequivocally identified. Following the discovery of this site (which has already contributed to a greater understanding of the migratory patterns of early modern humans and the recent resurgence of interest in the Palaeolithic of the region) we are working closely with others involved in the geo-archaeology of the Arabian Peninsula, namely:

- Dr Sabah Jasim (Director, Department of Antiquities, Sharjah, UAE)
- Professor Hans Peter Uerpmann (University of Tübingen, Germany)
- Dr Walid Yasin al-Tikriti (Head of Archaeology, Abu Dhabi Authority for Culture and Heritage, UAE)
- Dr Mark Beech (Head of Cultural Landscapes, Abu Dhabi Authority for Culture and Heritage, UAE)
- Dr Christian Velde (Director of Archaeology, National Museum of Ras al- Khaimah, Ras al- Khaimah, UAE)
- Dr Abdullah Al Sharekh (Professor, Department of Archaeology, King Saud University, Riyadh, Saudi Arabia)
- Dr Jeffrey Rose (Central Oman Pleistocene Research Project (COPR))

The research in Sharjah Emirate, United Arab Emirates was conducted under the patronage of His Highness Dr Shaikh Sultan Bin Mohammad Al Qasimi, Member of the Supreme Council and Ruler of Sharjah and supported by the Culture and Education Department in Sharjah. Particularly, Dr Sabah Jasim, Director of Antiquities, to whom we are most grateful.

Field Survey in Abu Dhabi Emirate, UAE

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson

A field survey was made to Abu Dhabi Emirate at the invitation of Dr Mark Beech (Head of Cultural Landscapes, Abu Dhabi Authority for Culture and Heritage) and Dr Walid Yasin al-Tikriti (Head of Archaeology, Abu Dhabi Authority for Culture and Heritage). The purpose of the visit was to look for evidence of Palaeolithic occupation. New surface-finds located at Barakah, Abu Dhabi were assigned (on-site) by Dr J.E. Scott-Jackson to the Arabian Middle Palaeolithic.

Sponsor: The research was supported by His Excellence Mohammed Khalaf Al Mazrouie, Secretary-General, Abu Dhabi Authority for Culture and Heritage, Abu Dhabi, United Arab Emirates and funded by Oxford Strategic Consulting

Field Survey in Ras al-Khaimah Emirate, UAE

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson

At the invitation of Dr Christian Velde, Director of Archaeology, The National Museum of Ras al-Khaimah Emirate, UAE. An area previously noted by Professor Andrew Goudie and Dr Adrian Parker was investigated. Dr J.E. Scott-Jackson was able to confirm that the surface-finds in this area appear to be Arabian Middle Palaeolithic and may also have affinities with the sites (newly discovered by the PADMAC Unit team) on the western anticlines of the Hajar mountains in Sharjah Emirate.

Sponsor: The research was supported by Dr Christian Velde, Director of Archaeology, The National Museum of Ras al-Khaimah Emirate, United Arab Emirates and funded by Oxford Strategic Consulting

Field Survey in Sharjah Emirate, UAE

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson, Dr S. Milliken

A workshop was set up to train a team of UAE-based field investigators from the *Dubai Natural History Group* who then undertook an initial programme of geological/stone tools identification field surveys (for the PADMAC Unit) over an area in excess of 7000 kilometres. As a result of these surveys eight new sites with extensive scatters of Palaeolithic artefacts were discovered – these await further investigation and analyses.

Sponsor: The research was supported by the Director of Antiquities, Sharjah Emirate, United Arab Emirates and funded by Oxford Strategic Consulting

Field-walking at Dummer Clump, Dummer, Hampshire, UK

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson, Dr P. Horlick

An extensive programme of field investigations was undertaken on the site of Dummer Clump in Hampshire. Although a number of Palaeolithic finds had been previously recorded, little was known of the site. The aim was to identify any spatial relationships between surface-finds. Artefacts collected have been recorded and prepared for subsequent analysis.

Sponsor: Oxford Strategic Consulting

D. Publication programmes

Danebury Environs Roman Programme

Professor B. Cunliffe, Ms E. Durham

Work continued on the preparation of the excavation reports for the seven sites excavated as part of the Danebury Environs Roman Programme.

Sponsor: English Heritage

King's Low and Queen's Low excavations

Professor G. Lock and members of the Stoke-on-Trent Museum Archaeological Society

The study and final publication of the six years of excavations at this pair of round barrows in North Staffordshire.

Sponsors: Stoke-on-Trent Museum Archaeological Society, City Museum, Hanley, Stoke-on-Trent

The Sangro Valley Project (Phase 1 publication)

Professor G. Lock, Professor A. Wilson, Dr N. Christie (University of Leicester), in collaboration with the Soprintendenza Archeologica dell'Abruzzo

Post-excavation, survey study and publication continue.

Sponsor: British Academy

Hillforts of the Ridgeway Project

Professor G. Lock and Professor C. Gosden.

The White Horse Hill and Segsbury Camp reports are published. Considerable progress has been made on the post-excavation analysis for Alfred's Castle, which should be ready for publication within the next 12 months. This will form the final publication of the Hillforts of the Ridgeway Project.

The Museum of the White Horse

Professor G. Lock and Tania Kovats (artist-in-residence at the Institute of Archaeology)

A touring museum including works of art based on the Uffington White Horse.

Sponsor: Leverhulme Trust

Catalogue of Late Antique and Byzantine Antiquities in the Ashmolean Museum

Dr M. Mango, N. Ristovska

A comprehensive catalogue of the Ashmolean Museum's Byzantine and related collections extending chronologically from Late Roman gold glass, through Byzantine medieval metalware, ceramics, etc., to nineteenth-century Greek and Russian icons. The material will be divided into four volumes: 1. Metalware, 2. Jewellery and Gems, 3. Ceramics and Glass, 4. Painting and Sculpture. Compositional analyses by J. Henderson, C. Mortimer and P. Northover will be included. A grant by the History Faculty has facilitated further preparation of Volume 1 for publication.

Sponsor: History Faculty (Oxford); (Getty Grant Program)

The Hawkes Archive

Dr H. Hamerow

1. The *Novum Inventorium Sepulchrale*. Thanks to an AHRC Resource Enhancement grant, work to create an online database of drawings and photographs of Anglo-Saxon grave-goods from Kent (The *Novum Inventorium Sepulchrale*) was completed in the summer of 2007.

Sponsor: AHRC

2. Work is also ongoing to edit and publish the Iron Age settlement at Longbridge Deverill Cow Down.

Sponsor: English Heritage

Excavations in the Roman Forum (Rome)

Professor Andrew Wilson, in collaboration with Dr Jennifer Trimble (Stanford), Dr Darius Arya (Institute for Roman Culture, Rome)

Work continues on preparing the publication.

The Janiculum Mills (Rome)

Professor Andrew Wilson

Work continues on preparing the final publication.

The Geo-archaeology of Rookery Farm, Lower Kingswood, Surrey: Towards a better understanding of a Palaeolithic high-level site on deposits mapped as Clay-with-flints

Dr J.E. Scott-Jackson and members of the PADMAC Unit

Deep ploughing after the Second World War revealed many Palaeolithic artefacts as surface-finds in the Rookery Farm area at Lower Kingswood, Surrey. Then, in the autumn of 1959 during the construction of a landfill site, an area on the edge of a small dry valley and the high-level plateau was cleared of topsoil exposing a Palaeolithic ‘knapping floor’. This site was subsequently covered with rubbish; however, an area 70 m to the west has continued to produce Palaeolithic artefacts both as surface-finds and excavated artefacts. Lower and Middle Palaeolithic stone tools, evidence of the earliest occupation of Britain, are frequently found to be in association with deposits mapped as Clay-with-flints which cap the highest Chalk downland hilltops and plateaux of southern Britain. These superficial deposits exhibit great lithological variability on both a local and regional geographical scale. Field observations suggest that particular facies of deposits mapped as Clay-with-flints, in addition to the presence of solution features, may be implicated in the retention of Palaeolithic artefacts on these high levels. Determining the integrity of this complex site has been a PADMAC Unit field project since 2002. The results of the Unit’s research will form the core of this publication.

Investigating Upper Pleistocene stone tools from Sharjah, UAE: Interim report

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson, Dr J.I. Rose, Dr S. Jasim

Initial investigations during 2006 and 2007 in Sharjah Emirate (United Arab Emirates) resulted in the new discovery of Middle and Upper Palaeolithic of Arabia stone-tool manufacturing sites on high-level limestone ridges flanking the west of the Hajar mountains in an area which correlates to a proposed ‘southern’ route out of Africa. Although stray finds of stone tools in the Emirates have been tentatively defined as pre-Holocene, this was the first time that well-delineated and essentially *in situ* Palaeolithic sites had been found, represented by prolific surface-scatters. Based on the distribution of unifacial, bifacial and heavy-duty tools, it is clear there are both Middle and Upper Palaeolithic of Arabia elements represented in the various assemblages. The combined attributes of the Sharjah lithic assemblages indicate material manufactured over the course of the Middle (*c.*250–50 ka BP) and Upper (*c.*50–10 ka BP) Palaeolithic periods.

To be published in the *Proceedings of the Seminar for Arabian Studies* Vol. 38.

Palaeolithic stone-tool assemblages from Sharjah and Ras al-Khaimah in the United Arab Emirates

Dr J.E. Scott-Jackson, Dr W.B. Scott-Jackson, Dr J.I. Rose

Over the past 20 years a virtual moribundity has descended on Palaeolithic research in the region of the Arabian Gulf – a situation engendered by the discovery of specific artefact types which had originally been tentatively assigned to the Palaeolithic, in a context that was later deemed to be Neolithic. During 2006 and 2007 initial investigations in the United Arab Emirates (i.e. Sharjah and Ras al-Khaimah) by Dr J.E. Scott-Jackson led to a new discovery of Palaeolithic stone-tool manufacturing sites on high-level limestone ridges flanking the west of the Hajar mountains – in a region which correlates to a proposed ‘southern’ route out of Africa. These well-delineated and essentially *in situ* Palaeolithic sites, represented by prolific surface-scatters, are the first to have been found in UAE (although a number of stray finds of stone-tools in the Emirates had cautiously been defined as pre-Holocene). The prevalence of faceted striking platforms, Levallois cores, retouched points, bifacial pieces, blades, handaxes, and discoids suggests that the artefacts recovered in this collection can be attributed to several different phases between the late Lower Palaeolithic and the early Upper Palaeolithic. Given the uncertainty of characteristics of stone age industries in Arabia, a very conservative classificatory scheme was employed to determine the Levallois category.

To be published in J. Rose and M. Petraglia (eds.), *The evolution of human populations in Arabia: Palaeoenvironments, prehistory and genetics*. Springer Academic Publishers.

Meols Project

Dr D. Griffiths, Dr R.A. Philpott (Liverpool Museum), with Dr G. Egan (Museum of London Archaeology Service)

Full publication of site history, and museum collections of material, from multi-period coastal trading site in north-west England.

The project advanced considerably towards completion during 2006–7, a digital archive of the artefactual material having been completed (held at Liverpool Museum). This will now be constructed as a web-based research resource by the AHDS. A group of specialists has been convened to analyse and write up the artefactual and topographical evidence. Texts of written contributions were assembled for review and editing – it will be published as an Oxford University School of Archaeology Monograph.

Sponsors: National Museums Liverpool, Museums Association Millennium Sharing Skills Fellowship

Gezer VI: The Objects from Phases I and II

Dr Garth Gilmour

This volume will present for the first time all the small finds found during the 11 years of excavation at Tell Gezer in Israel from 1964 to 1974. The project directors were W.G. Dever (1964–71) and J. Seger (1972–4). Five stratigraphic volumes have already appeared, and two more are in preparation. The Gezer Object Volume (*Gezer VI*) will complement these by presenting an illustrated catalogue of all the objects, with discussions of their cultural implications and historical significance. It is scheduled for publication in 2009 as an Annual of the Nelson Glueck School of Biblical Archaeology at the Hebrew Union College, Jerusalem.

Sponsor: The Hebrew Union College

The 1923–1925 P.E.F. Excavations at the City of David, Jerusalem, Final Report

Dr Garth Gilmour

Research and publication of the Final Report on the Palestine Exploration Fund (P.E.F.) excavations from 1923 to 1925 in the City of David (Ophel), Jerusalem, directed by Professor R.A.S. Macalister and assisted by J.G. Duncan. The results of the P.E.F. excavations were originally incompletely published in the *Annual of the Palestine Exploration Fund* Vol. IV (1926). A fresh monograph containing a complete catalogue of artefacts, revised plans, and descriptions of the site and its significance will be published by the Palestine Exploration Fund in 2009/10.

Sponsor: The Shelby White–Leon Levy Program for Archaeological Publications

The hillforts of England and Wales

Dr Ian Brown

A book is being written on the hillforts of England and Wales to be published by Windgather Press in 2008/2009. There is a considerable gap in the literature for a detailed general ‘textbook’ on the subject for researchers and students, as well as the interested reader. Apart from a Shire title, the last full book devoted to hillforts in England and Wales was published in the 1970s. It is envisaged that the book will fill this considerable gap. Continuing work on the draft text, photograph and map illustrations, with considerable fieldwork, took place during the year.

Discovering a Welsh Landscape – archaeology in the Clwydian Range and Dee valley

Dr Ian Brown

The book, *Discovering a Welsh Landscape – the archaeology of the Clwydian Range*, funded by the Welsh Assembly Government, was published by Windgather Press in 2004 and has been well received throughout Wales and nationally. Follow up work involves further study of the Clwydian Range and expanding the research into the Dee valley.

The Iron Age hillforts of Wales and the Marches – their location and social significance

Dr Ian Brown

A series of papers will explore the results of continuing research into the location and social significance of the hillforts of Wales and the Marches and in particular the statistical analyses of hillfort location in the Severn, Wye and Usk catchments.

The archaeology of Pembrokeshire

Dr Ian Brown

Preparation for a possible book on the archaeology and landscape history of Pembrokeshire took place during the year, including potential funding sources.

The City of Ottawa project in association with Denbighshire County Council 1992–2006

Dr Ian Brown

A long-standing project, which began in 1992, to investigate the maritime history and archaeology of the City of Ottawa, a nineteenth century Canadian-built sailing ship, the hulk of which is lying in the Foryd Harbour at Rhyl, reached its conclusion during the year. The eventual development of the harbour requires the hulk to be moved.

E. Corpora, Archives and Computing Systems

Roman Provincial Coinage in the Antonine Period

Professor Christopher Howgego (Project Director), Dr Volker Heuchert

The aim is to produce a standard typology of the provincial coinage of the Roman Empire in the period AD 138–93, together with a commentary and introduction. The catalogue will be based on the ten most important and accessible collections in the world, and on all published material. This will be the first systematic treatment of the civic coinage at the height of the Roman empire, and will have great importance for the study of cultural, religious, political, economic, and administrative history at both a local and an imperial level. The database currently comprises 46,725 specimens from 13,730 types from 386 cities. It is intended to publish the catalogue as *Roman Provincial Coinage* Vol. IV, through the British Museum Press and the Bibliothèque Nationale de France. In addition, a web-based publication, Roman Provincial Coinage Online, has been developed in collaboration with the University's Academic Computing Development Team: <http://rpc.ashmus.ox.ac.uk/>

Sponsors: AHRC, Academic Services (Oxford University), University Collections (Oxford University)

Georges Tchalenko Archive Project

Dr M. Mango, T. Papaioannou, archivist

The Tchalenko Archive housed in the Institute of Archaeology contains the working notes, drawings, maps, up to 20,000 photographs and other papers of Georges Tchalenko who worked on Late Roman/Early Byzantine settlements and architecture in the archaeologically rich area of northern Syria for over 40 years. Much of this material was digitized and a database set up with the help of a grant made jointly to this and the Creswell Archive (Ashmolean Museum) by the Research and Equipment Committee (Oxford) in 1994. A new grant made by the same committee in 2000 and the provision of a new computer by the Committee for Byzantine Studies enabled the digitized Tchalenko material to be transferred to improved software so that the archive may finally be consulted on computer for research purposes. Further funding obtained (summer 2001) from sources at Oxford and abroad has provided for work concentrated on the database. The completion of the Archive database from 2005 is being supported by the Research Centre, St John's College, jointly with 4.1.B Androna (Andarin) Excavations and Survey, Syria (above).

Sponsors: St John's College (Oxford); (Research and Equipment Committee; J. Sturm)

Laskarina Bouras Archive Project

Dr M. Mango, Dr M. Parani

The project compiled an inventory of research materials on Byzantine metalwork left unpublished by the late Laskarina Bouras of the Benaki Museum in Athens. These papers are now housed in the Classics Centre, Oxford. They included a draft text by Dr Bouras on Early Byzantine lighting devices featured in an exhibition in Washington, DC, which has been edited by Dr Parani and now (2006) accepted for publication by Dumbarton Oaks, Washington, DC.

(Sponsor: The A.G. Leventis Foundation, Paris)

Sevso Treasure Documentation Project

Dr M. Mango, Dr M. Parani

This project catalogued the photographic and other visual documentation of the Sevso silver treasure in order to make this material available to interested scholars. The material is housed in the Classics Centre, Oxford and has provided photographs in response to a regular series of requests.

(Sponsor: Lane & Partners, London)

Photogrammetry Software for the PADMAC Unit

PADMAC Unit

Review of available systems and development of specific photogrammetry software, based on *I-Witness*, for wide area and close photogrammetry for spatial analysis of sites, scatters and artefacts.

Sponsor: Oxford Strategic Consulting

An Internet Atlas of the hillforts of Wales and the Marches

Dr Ian Brown

Funded by the Marc Fitch Fund, an Internet interactive atlas is being constructed for Wales and the Marches. There is no up-to-date gazetteer nor atlas of the hillforts of England and Wales, the gazetteer of Hogg (1979), selected lists of the *Bulletin of the Board of Celtic Studies* between 1949 and 1962 and the IASB map of the Ordnance Survey (1962) being the only ones available. The IASB map has over 100 sites missing for Wales and the Marches alone, whilst Hogg's gazetteer is now out of date. There is therefore a serious gap in the literature. The project involves data preparation, photographic input and computer system construction. The work is being undertaken with the support and assistance of the Institute IT Office and is in progress.

Sponsor: Marc Fitch Fund

CONTACT: Romano-British Pottery analysis: actual and virtual resources

Professor C. Gosden, Dr Z. Kamash, Mr P. Booth

This project formed one of 12 projects chosen for funding as part of the wider Collection Networks for Archaeology and Classics Teaching (CONTACT) project (an FDTL5-funded project based at the University of Sheffield, operating with partners in the Universities of Leicester and York). The project aims to provide an online teaching resource comprising a fully-searchable image database of the Oxford Archaeology Romano-British pottery reference collection and online exercises. This is designed to function in parallel with hands-on teaching in pottery analysis skills, the first sessions of which were carried out in Trinity Term 2008 to Arch and Anth Mods students. The online component will be ready to go 'live' early in 2009. This was a joint project with Oxford Archaeology.

Sponsor: CONTACT (Collection Networks for Archaeology and Classics Teaching)

4.2. *Research Sponsors*

1984 Foundation

- Aphrodisias Excavations (Ashmolean/Institute)

Academic Services (Oxford University)

- Roman Provincial Coinage in the Antonine Period (Ashmolean)

Aphrodisias Sevenler (Izmir)

- Aphrodisias Excavations (Ashmolean/Institute)

Arts and Humanities Research Board

- The South Cadbury Environs Project (Institute)
- Wallingford and the Anglo-Saxon to Norman Transition (Institute)
- Roman Provincial Coinage in the Antonine Period (Ashmolean)
- The Hawkes Archive (Institute)

L'Association des Amis d'Aphrodisias (Paris)

- Aphrodisias Excavations (Ashmolean/Institute)

British Academy

- The Sangro Valley Project (Phase 1 publication) (Institute)
- Atlantic Seaways Project: Sark (Institute)

British School at Rome

- The Sangro Valley Project Phase II, Italy (Institute)

City Museum, Hanley, Stoke-on-Trent

- King's Low and Queen's Low excavations (Institute)

CONTACT (Collection Networks for Archaeology and Classics Teaching)

- CONTACT: Romano-British Pottery analysis: actual and virtual resources (Institute)

Council for British Research in the Levant (London)

- Androna (Andarin) Excavations and Survey, Syria (Institute)

Craven Committee (Oxford)

- Euesperides (Benghazi) (Institute)
- The Sangro Valley Project Phase II, Italy (Institute)

The Cumber Family Trust

- The Vale and Ridgeway Project (Institute)

English Heritage

- The Hawkes Archive (Institute)
- Danebury Environs Roman Programme (Institute)

The Friends of Aphrodisias Trust (London)

- Aphrodisias Excavations (Ashmolean/Institute)
- The Friends of Aphrodisias (New York)*
- Aphrodisias Excavations (Ashmolean/Institute)
- The Geyre Vakfi (Istanbul)*
- Aphrodisias Excavations (Ashmolean/Institute)
- The Hebrew Union College*
- Gezer VI: The Objects from Phases I and II (Institute)
- Historic Scotland*
- Birsay–Skaill Landscape Project (Continuing Education)
- History Faculty (Oxford)*
- Catalogue of Late Antique and Byzantine Antiquities in the Ashmolean Museum (Institute)
- Joukowsky Family Foundation*
- Aphrodisias Excavations (Ashmolean/Institute)
- Kellogg College (private donors via Americans for Oxford)*
- Birsay–Skaill Landscape Project (Continuing Education)
- Leverhulme Trust*
- The Museum of the White Horse (Institute)
- Local Heritage Initiative*
- The Vale and Ridgeway Project (Institute)
- Malcolm Hewitt Wiener Foundation*
- Aphrodisias Excavations (Ashmolean/Institute)
- Marc Fitch Fund*
- An Internet Atlas of the hillforts of Wales and the Marches (Institute)
- Museums Association Millennium Sharing Skills Fellowship*
- Meols Project (Continuing Education)
- National Museums Liverpool*
- Meols Project (Continuing Education)
- New York University (the Institute of Fine Arts and the Faculty of Arts and Sciences)*
- Aphrodisias Excavations (Ashmolean/Institute)
- Oberlin College*
- The Sangro Valley Project Phase II, Italy (Institute)
- Orkney Islands Council*
- Birsay–Skaill Landscape Project (Continuing Education)

Oxford Strategic Consulting

- Development of fine probe magnetic susceptibility instrumentation and methodology (Pitt Rivers)
- Application of Photogrammetry techniques to surface-finds and excavation recording (Pitt Rivers)
- Magnetic susceptibility, soil analysis and photogrammetry – analyses of post-excavation datasets from the Lower and Middle Palaeolithic site of Dickett’s Field, Alton, Hampshire, UK (Pitt Rivers)
- Field Survey in Abu Dhabi Emirate, UAE (Pitt Rivers)
- Field Survey in Ras al-Khaimah Emirate, UAE (Pitt Rivers)
- Field Survey in Sharjah Emirate, UAE (Pitt Rivers)
- Field-walking at Dummer Clump, Dummer, Hampshire, UK (Pitt Rivers)
- Photogrammetry Software for the PADMAC Unit (Pitt Rivers)

Oxford University

- The Vale and Ridgeway Project (Institute)
- The Sangro Valley Project Phase II, Italy (Institute)

Roman Research Trust

- The Vale and Ridgeway Project (Institute)

Royal Archaeological Institute

- Atlantic Seaways Project: Sark (Institute)

St John’s College (Oxford)

- Androna (Andarin) Excavations and Survey, Syria (Institute)
- Georges Tchalenko Archive Project (Institute)

The Shelby White–Leon Levy Program for Archaeological Publications

- The 1923–1925 P.E.F. Excavations at the City of David, Jerusalem, Final Report (Institute)

Society for Libyan Studies (London)

- Euesperides (Benghazi) (Institute)

Society of Antiquaries

- Atlantic Seaways Project: Sark (Institute)

Stoke-on-Trent Museum Archaeological Society

- King’s Low and Queen’s Low excavations (Institute)

University Collections (Oxford University)

- Roman Provincial Coinage in the Antonine Period (Ashmolean)

The Vale and Ridgeway Trust

– The Vale and Ridgeway Project (Institute)

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6. RESEARCH STUDENTS STUDYING ARCHAEOLOGY IN 2006–2007
(at Trinity Term 2007)

M.Litt./D.Phil. candidates

- Alexandra-Fani, Alexandridou (Brasenose) PRS
Ceramic production of Attica from Draco to Solon from 625 to 580 BC
Kurtz, D.C.
2005
- Alzola-Romero, Aaron (St Peter's) D.Phil.
Revisiting Celtiberian and Iberian Ethnicity: Material Culture and Identity
Gosden, C./Cunliffe, B.W.
2003
- Audley-Miller, Lucy (Lincoln) D.Phil.
The architectural and urban context of Roman funerary portraiture
Smith, R.R.R.
2005
- Bachhuber, Christoph (St John's) D.Phil.
Emerging Complexity in Third Millennium Anatolia in Light of Mortuary Behaviour
Cunliffe, B.W.
2005
- Bagnall-Smith, Jean (St Cross) D.Phil.
Votive objects from temple sites in Roman Britain south of the Fosse Way
Henig, M.
1994
- Bailey, Diana (Keble) D.Phil.
Developments in the precision and accuracy of optically stimulated luminescence
Bailey, R.M.
2002
- Balco Sulzer, Alessandra PRS
Patronage, archaeology, and the reception of classical antiquity in the courts of Bourbon
Spain and the kingdom of the two Sicilies
Kurtz, D.C.
2005
- Barker, Simon (Hertford) D.Phil.
The reuse of Roman building materials: An analysis of early Medieval building practices
in Anglo-Saxon England
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