



Edited by Wendy Carruthers and Vanessa Straker

Copy dates for Items for the Newsletter may be submitted by e-mail or on disk. Newsletter: 20th of the following months - January / April / July / October. Short typed manuscripts can be sent to Wendy Carruthers.

(e-mail addresses: wendy.carruthers@virgin.net; vanessa.straker@english-heritage.org.uk

Vanessa Straker, English Heritage SW, 29 Queen Square, Bristol BS1 4ND

Wendy Carruthers, Sawmills House, Castellau, Llantrisant, Mid Glamorgan CF72 8LQ (Tel: 01443 223462).

AEA Membership Secretary: Dr Nicki Whitehouse, Palaeoecology Centre, School of Geography, Archaeology and Palaeoecology, Queen's University Belfast, Belfast, BT7 1NN, UK.; e-mail: membership@envarch.net

AEA website <http://www.envarch.net/>

Contents

Editorial	1
News from the Committee	1
Conferences & Meetings	6
Employment	9
Conference Feedback	10
AEA Bibliography	10

EDITORIAL

This edition of the Newsletter contains information about the next two AEA meetings; the Autumn Conference in Poznan and the One-day Spring Meeting in Cardiff on St David's Day, 2008. We would be grateful for offers to report on these meetings for future issues of the Newsletter.

Please also note that biographies of candidates for the Committee elections at the AGM in Poznan are provided in this Newsletter. Members can vote by proxy if they are unable to attend the AGM, as described on page 3.

NEWS FROM THE COMMITTEE

THE ROLE OF ENVIRONMENTAL ARCHAEOLOGISTS IN PROFESSIONAL ARCHAEOLOGY

Earlier this year, the AEA was advised of redundancies and restructuring affecting environmental archaeological specialists at a number of UK archaeological companies/organisations. After lengthy discussion, the Committee felt that, whereas it could not on the AEA's behalf comment on specific cases, it would be worthwhile to issue a general statement outlining the importance of environmental archaeology in professional archaeology and the great benefits of retaining in-house specialists

AEA Committee statement

Environmental Archaeology – the recovery, recording, analysis and interpretation of ancient bioarchaeological and geoarchaeological remains – plays a key role in developing our knowledge and

understanding of the past and is central to current archaeological practice and theory. The Association for Environmental Archaeology is committed to promoting best practice through integration of environmental archaeology at all stages of field and research projects. To this end, we actively encourage and support opportunities for the involvement of qualified environmental archaeological specialists in the full range of archaeological institutions and organisations: museums, commercial archaeological units, state archaeological services and academic departments. In addition to broadening the general professional environment, the specific benefits of establishing and developing specialist teams in these various institutions include:

- Integration of environmental recovery strategies into project designs;
- Daily exchange of information between and amongst archaeological specialists;
- Possibility of greater efficiency;
- Continuity of specialist input from the project design stage, through recovery, to post-excavation analysis and interpretation;
- Publication of key archaeological projects providing a holistic understanding of past landscapes, narratives and ways of life.

Further information on this subject is available by contacting the AEA Committee (Secretary: Meriel McClatchie. Email: meriel.mcclatchie@gmail.com).

JOURNAL

AEA Journal receives A-rating

The European Reference Index for the Humanities, funded by the European Science Foundation, has now produced its ABC-ranked lists of archaeological journals. The list and supporting information are available at: <http://www.esf.org/research-areas/humanities/activities/research-infrastructures/faq-sheet/scope-initial-lists.html>

We are delighted to inform the membership that *Environmental Archaeology* has been ranked as an A-grade journal. Congratulations are due to the current and previous co-ordinating editors of the journal, Dr Ingrid Mainland and Prof. Glynis Jones respectively, for their hard work over the years.

Issues 12 and 13

All paid-up AEA members should by now have received issue 12.1. Issue 12.2 is now with Maney and publication is anticipated for early autumn 2007.

In issue 12.2 you will find an interesting and informative set of articles and book reviews that consider various aspects of environmental archaeology in a diverse range of settings throughout the world. Two papers focus on the implications of environmental change and woodland exploitation for human populations living within the Brazilian Highlands during the Holocene (**Sceel-Ybert and Dias; Iriarte and Behling**). A further two consider faunal evidence from Africa: **Lesur et al.** discuss the exploitation of wild animals in Ethiopia during the Holocene while **Luff** presents research on Monastic diet in Late Antique Egypt.

Sveinbjarnardóttir et al. exploit a range of environmental techniques to give novel economic and palaeoenvironment insights into a high status farmstead in Iceland. Finally, a methodological question of some importance is addressed by **Vandorpe and Jacomet's** article which reviews the impact of recovery method on waterlogged plant remains. In addition, there are five book reviews: Dhavalikar 2002 - *Environment and Culture* (**Madella**); Reitz and Mascussi 2004 – *Guangala Fishers and Farmers* (**Cooke**); Mondini et al. 2004 – *Colonization, Migration and Marginal Areas* (**McGovern**); O'Day et al. 2004 – *Behaviour Behind Bones* (**Forstenpointner**); Boivin and Owoc 2004 – *Soils, Stones and Symbols* (**Ayala**).

We are still accepting copy for issue 13 and would particularly like to encourage AEA members to submit research papers, review articles or short contributions on any aspect of environmental archaeology. Full details regarding submission to the journal can be found on <http://www.maney.co.uk/search?fwaction=show&fwid=671>, or contact Ingrid Mainland for further information (address below).

Dr. Ingrid Mainland
Co-ordinating Editor, Environmental Archaeology: The Journal of Human Palaeoecology,
Division of Archaeological, Environmental and Geographical Sciences,
University of Bradford
Bradford BD7 1DP
Email: i.l.mainland@bradford.ac.uk

WEBSITE

The AEA website is currently being revised and is due to go online in the coming months. The revised website will incorporate our new logo, and the overall image and layout of the website will also be revised.

AEA AGM & ELECTIONS 2007

The Annual General Meeting for the AEA will be held at the Poznan conference (12-15 September).

Draft agenda:

1. Report on the committee's activities
2. Treasurer's report
3. Election of new committee members
4. Any other business

Accounts

A summary of the AEA financial accounts will be presented at the meeting.

Elections

Elections for new members of the committee will be held at the AGM.

The current committee structure is as follows:

ELECTED COMMITTEE MEMBERS (elected term in []; * indicates committee members retiring or stepping down at the AGM)

Gianna Ayala (Sheffield, England) – Conference Officer [2005-2009]
Amy Bogaard (Oxford, England) [2006-2010]
Ralph Fyfe (Plymouth, England) [2006-2010]
Andy Hammon (English Heritage, York, England) [2006-2010]
Jen Heathcote (English Heritage, Cambridge, England) – [2005-2009]
Ingrid Mainland (Bradford, England) – Co-ordinating Editor of the Journal [2004-2008]
Miroslaw Makohonienko (Adam Mickiewicz University, Poznan, Poland) – [2005-2008]
Meriel McClatchie (Dungarvan, Republic of Ireland) – Secretary [2005-2009]
Peter Hambro Mikkelsen (Moesgård Museum, Højbjerg, Denmark) – [2005-2009]
Alan Outram (Exeter, England) – [2003-2007*]
David Earle Robinson (Archaeological Sciences, English Heritage, Portsmouth, England) – Chair [2003-2007*]
Richard Thomas (Leicester, England) – Publicity Officer [2004-2008]

CO-OPTED COMMITTEE MEMBERS

Wendy Carruthers (Llantrisant, Wales) – Co-editor of the Newsletter
Paul Davies (Bath Spa, England) – JISC-mail Manager
Jacqui Huntley (Durham, England) – Treasurer
Anna Mukherjee (Bristol, England)
Vanessa Straker (English Heritage, Bristol, England) – Co-editor of the Newsletter
Nicki Whitehouse (Belfast, Northern Ireland) – Membership Secretary

In the last Newsletter, vacancies for the position of Chair, Treasurer and three ordinary committee members were advertised. To date, we have received one nomination for Chair, one nomination for Treasurer and four nominations for Ordinary Committee members. Brief personal statements by the nominees appear in this newsletter. Further nominations can be received up to the time of the AGM.

Please send or e-mail any nominations (which must be seconded and accompanied by a personal statement by the nominee) to the AEA Secretary: Meriel McClatchie, 40 Tournore Court, Abbeyside, Dungarvan, Co. Waterford, Republic of Ireland. E-mail: meriel.mcclatchie@gmail.com

ABSENTEE VOTING

If you cannot attend the AGM, but would like to vote in the elections, you can do so through a **proxy** (someone who is attending the meeting and is willing to vote on your behalf as well as their own). All you have to do is **give a signed statement** or **send an e-mail** appointing whoever you wish to be your proxy to any member of the Committee at any time before the AGM (and tell your proxy how you want them to vote!).

If you wish, a member of the committee (see <http://www.envarch.net/aea/committee.html>) will act as your proxy.

If you have any queries about absentee voting, please contact the AEA Secretary (m.mcclatchie@ucc.ie). Your vote matters!

BIOGRAPHIES OF CANDIDATES FOR AEA COMMITTEE

As Chair:

Nicki Whitehouse (Queen's University Belfast)

BA (Newcastle-upon-Tyne), MSc (University of Sheffield), PhD (University of Sheffield), F.R.E.S. (Fellow of the Royal Entomological Society).

I am an environmental archaeologist and palaeoecologist based at Queen's University Belfast. I came here following a Masters and PhD (under the supervision of Prof Paul Buckland) at the University of Sheffield and post doc at the University of Exeter. I have a wide range of interests in environmental archaeology (beyond my interests in fossil beetles!), but especially in the development of the "natural" and "cultural" landscape, in particular the earlier part of the Holocene and the intensification of use of the landscape associated with the development of agriculture. The interplay between human and natural ecosystems and landscapes is a particular research interest, including loss of biodiversity, as is the climate context and prelude to the Holocene. My research is currently focused on Britain and Ireland, I also undertake some climate research in New Zealand. I teach Environmental Archaeology to Level 2 students and a course on my own specialism to Level 3 students.

I have been an active member of the AEA for about 13 years or so, regularly attending meetings, giving papers, hosting sessions and conferences on its behalf. Since 2002, I have served on the Committee in various roles, Conference Officer and more recently, Membership Secretary. I have a good understanding of the organisation and the diverse interests we must represent on behalf of our members. The organisation has gone through enormous changes over the last 5 years or so – our membership is constantly increasing and we have moved from being a solely UK based organisation to representing members from across the World. This increasing internationalisation comes as a response to an increasing appreciation of the opportunities available to the Association, and the exciting roles we can potentially play both within archaeology as well as wider concerns of sustainability and climate warming. If elected, my intention would be to continue this move towards greater internationalisation. Greater internationalisation will lead to other challenges, including making sure that the organisation and its activities are still accessible to the majority of our members and facilitating attendance at meetings for students. The last 10 years have been a period of enormous change within archaeology and especially within the commercial sector, presenting major opportunities but also challenges. I would like to see greater interaction with this group. The funding of science based archaeology is another area which I believe we can have an influence upon and ensure dialogue is maintained between the different funding bodies which represent archaeological science.

I have fairly extensive experience in chairing groups and organisations. Most recently, I chair the Northern Ireland Archaeology Forum, which is attempting to raise the political profile of archaeology in Northern Ireland and especially Stormont. I therefore feel I have the necessary experience and expertise to offer the AEA as we move into a few phase.

Proposed by: David Earle Robinson, Seconded by: Meriel McClatchie.

As Treasurer:

Jacqui Huntley (English Heritage NE Regional Advisor in Archaeological Science, Department of Archaeology, Durham University)

I have been the Association's Treasurer for 4 years now and would be happy to continue. The money flows smoothly and, although it now takes longer to deal with a multitude of payment types, I have a streamlined system that works efficiently. The calculator is now solar-powered so no more expenses on batteries!

Proposed by: Meriel McClatchie, Seconded by: David Earle Robinson.

As Ordinary Committee member:

Lucy Cramp (University of Reading/University of Bristol)

I gained my undergraduate degree in Archaeology and Anthropology at Oxford University in 2003, whilst working during vacations as a technician in Environmental Archaeology at the University Museum of Natural History. This sparked an interest in palaeodietary reconstruction which I pursued during a Masters in Archaeological Science at Oxford, where I specialised in the use of carbon and nitrogen stable isotopes in

ancient bone collagen for the reconstruction of past diet during the Neolithic in Hungary. In the meantime I continued to work part-time as a research assistant in environmental archaeology in the University Museum.

In 2004, I sought to further broaden my understanding of scientific techniques applied to past diet through a PhD which is currently being undertaken in the department of Archaeology at the University of Reading and the School of Chemistry at the University of Bristol. This research uses the technique of organic residue analysis to detect and identify ancient lipid residues absorbed into the walls of non-glazed ceramics *via* solvent extraction and analysis by gas chromatography (GC) and GC/Mass Spectrometry. This technique is applied to specialised vessels (*mortaria*) from the Roman period in order to examine the incorporation or rejection of 'romanised' food-ways into post-Conquest Britain, and results have been presented at both UK and international conferences. In addition, I now work freelance as an Environmental Archaeologist, specialising in carbonised plant remains and charcoal.

With experience and an active involvement in the fields of both macrobotanical plant remains and archaeological chemistry, I believe that my interdisciplinary background allows me to fully appreciate and promote the importance of integrating both traditional and recently-developed biomolecular approaches to ancient biological remains for the investigation of past environments and subsistence strategies. The field of archaeological chemistry is one which is dynamic and rapidly developing, and I would welcome the opportunity to represent this exciting area of research by serving on the committee.

Proposed by: Anna Mukherjee, Seconded by: Alan Outram

Maaike Groot (Archeologisch Centrum Vrije Universiteit Amsterdam)

I graduated in provincial-Roman archaeology at the Vrije Universiteit Amsterdam in 1998. Since Environmental Archaeology was not yet part of our course, I followed modules in zooarchaeology and physical anthropology at the Universities of Amsterdam and Leiden. For my dissertation, I analysed the animal bones from a small Roman rural settlement in the western Netherlands. After graduation I went to work as a zooarchaeologist on the Roman site of Tiel-Passewaaij, analysing animal bones from two rural settlements and a cremation cemetery. Being part of the excavation team was great, since seeing the bones and especially the special animal deposits in the field helped with my understanding of the taphonomy. In 2001-2002 I studied for a second MA degree in Osteoarchaeology at the University of Southampton. Here, I further developed my knowledge of both animal and human bone analysis.

I then went back to the Netherlands to finish identifying the animal bones from Tiel-Passewaaij. This data set formed the basis of my PhD research, which was funded by the Netherlands Organisation for Scientific Research (NWO). My research focused on three themes: the rural economy of the settlements and the possibility of production for the Roman market, ritual use of animals in the settlements, and animals in funerary ritual. I started this research in November 2003 and will defend my thesis later this year.

At the moment, I am working full-time in contract archaeology, analysing animal bone assemblages from a variety of sites, dating from the Bronze Age to the Late Middle Ages.

In my daily work, I am confronted with the realities and frustrations of modern rescue archaeology.

Environmental archaeology still receives a smaller budget than the study of material culture, and it is not easy to make archaeologists understand the importance of large samples.

Apart from doing contract work, I teach Environmental Archaeology to second-year students at the Vrije Universiteit, together with two colleagues. At the moment, we are also developing a first-year module. I am proud to say that the Vrije Universiteit, after having had a long-standing reputation of neglecting environmental archaeology, is now increasingly focusing on environmental studies. I have only recently become a member of the AEA but look forward to getting more involved into the international Environmental Archaeology community.

Proposed by: Richard Thomas, Seconded by: Andy Hammon

Andy J. Howard (*Institute of Archaeology & Antiquity, University of Birmingham*)

After graduating with a first degree in Geography and Geology, I studied for a PhD elucidating the Pleistocene drainage history of the Trent Valley using a combined sedimentological and palaeoecological approach. I subsequently spent five years working for Trent & Peak Archaeological Trust at Nottingham University as their geoarchaeologist and a further seven years as a research fellow, firstly at the University of Leeds and latterly Newcastle, studying Holocene climatic and cultural signals of environmental change in river valleys. In 2001, I moved to a lectureship in Geoarchaeology and Remote Sensing at the Institute of Archaeology and Antiquity at the University of Birmingham, where I am Programme Leader for the MSc in Environmental Archaeology and Palaeoenvironments, a Principal Investigator on a number of environmental

projects funded by the ALSF, and Director of Birmingham Archaeoenvironmental, a specialist research and consultancy practice within Birmingham Archaeology. I've previously served as a member of the AEA committee (2001-2004) as well as the Publication's Secretary on the executive committee of the Quaternary Research Association (2001-2005).

Proposed by: Nicki Whitehouse, Seconded by: Jen Heathcote

Naomi Sykes (University of Nottingham)

I gained my BSc in Archaeology from the Institute of Archaeology, London, where I also studied for my MSc in Bioarchaeology and Geoarchaeology. In 1997 I moved to the University of Southampton to undertake a PhD on the zooarchaeological evidence for the Norman Conquest, which involved the analysis of animal bone assemblages from England and northern France. Between 2001 and 2005 I was a Research Fellow at Southampton, undertaking a wide range of commercial zooarchaeological work whilst also lecturing in the department. In 2006, following a one year lectureship (Environmental Archaeology) at the University of Cardiff, I took up a lectureship in the Department of Archaeology, University of Nottingham.

My research focuses on human-animal interactions and how they inform on the structure, ideology and practice of past societies. I am particularly interested in the social meaning of food, the role of hunting in farming societies and the social history of British fauna. As such, my research has wide geographical and temporal applicability and I have worked on sites across Britain, in France, Israel and Palestine.

Throughout my career I have attempted to bridge the divides between the academic and commercial world (co-founding the Professional Zooarchaeology Group with EH and Wessex Archaeology); between 'specialist' and 'mainstream' archaeologists (Member of Council for Society of Medieval Archaeology); and between professional and non-professional practitioners (working on numerous community projects). I have been a member of the AEA for some years, have published in its journal and I would welcome the opportunity to broaden its scope, activities and membership.

Proposed by: Amy Bogaard, Seconded by: Richard Thomas

CONFERENCES & MEETINGS

AEA Autumn Conference 2007

12th-15th September 2007, Poznan, Poland

Conference theme: *Eurasian Perspectives on Environmental Archaeology*

This AEA conference – held for the first time in Eastern Europe – is intended to provide a forum for discussion on recent research in Environmental Archaeology in the broad context of temperate areas of Eurasia. The focus will be on the following themes: the development of cultural landscapes of northern Eurasia through a long-time perspective, cultural and environmental diversity, dynamics of climate and vegetation as a background for cultural processes.

Organisers: Mirek Makohonienko (Adam Mickiewicz University of Poznań, Poland), Mayke Wagner (Deutsches Archäologisches Institut, Eurasien Abteilung, Berlin) and Pavel Tarasiv (Alfred Wegener, Institute for Polar and Marine Research in Potsdam)

Further information is available at: <http://www.envarch.net/latest/events.htm#poznan>

AEA Spring One-day Meeting 2008

Saturday 1st March 2008, Cardiff University, Wales

Meeting theme: *Unconsidered trifles? Environmental archaeology at a small scale.*

The 2008 Association of Environmental Archaeology one-day meeting is to be held on Saturday 1st March (*St David's Day*) at Cardiff University. The theme for the conference is the *little things in life* that fill the majority of peoples' lives and how these intersect with larger events.

Archaeology has many grand narratives covering huge sweeps of time, mass accumulations of individuals and materials. Whilst an increasing interest in identifying smaller acts of 'ritual' significance has resulted in a

greater understanding of more distinctive patterns in archaeological accumulations – the smaller scale practises of daily life remain largely unconsidered. As a science based discipline the need for valid sample sizes coupled to the cost of fine-grained analyses often result in an agglomeration of data that produces unrealistic archaeological results (e.g. considering hundreds or thousands of years as one cultural event). By examining what can be achieved through a detailed consideration of small scale acts different tales can be told about the human experience in the past. This conference seeks papers that explore the minor and intimate stories in environmental archaeology: the domestic and the mundane experiences that are played out on a daily, monthly, yearly or lifetime cycle and the effects that individual events have on people and places in the past.

Suggested topics include, but are not limited to:

- Understanding time in archaeological contexts: Discrete acts and practises;
- Preservation and storage, cooking, consumption and cleaning;
- Animal, human and plant biographies;
- Daily and seasonal hunting, arable and pastoral activities;
- Individuals, families and groups.

Proposals from for papers are invited by email to: aea2008@cardiff.ac.uk Proposal outlines should include a 300 word abstract for a 20 minute paper and must be submitted by **30th November 2007**. Individual poster proposals are also very much welcomed by **30th November 2007**.

Registration information is forthcoming and a small fee will be necessary to cover costs. Please send any questions or queries to aea2008@cardiff.ac.uk. For further, up-to-date information on registration, accommodation, amenities and travel, please consult the Association for Environmental Archaeology Meeting web pages at the Cardiff University Archaeology and Conservation Website.

Organiser: Jacqui Mulville

Cod and Herring: The Archaeology and Early History of Intensive Fishing
Westray, Orkney, Scotland, 4-8 June, 2008
First Announcement and Call for Papers

A workshop of the International Council for Archaeozoology, the History of Marine Animal Populations, the Global Fisheries History Network and the McDonald Institute for Archaeological Research

The development of intensive cod and herring fisheries in medieval and early modern times has had a profound and ongoing impact on the political economy, social history and historical ecology of the Northern Hemisphere. This workshop aims to bring together archaeologists and historians in order to elucidate the early origins, causes and consequences of commercial fishing for these once superabundant species.

Contact:

CodHerring2008@mcdonald.cam.ac.uk

Webpage (forthcoming July 2007):

www.mcdonald.cam.ac.uk/CodHerring2008/

Please note that workshop numbers are limited – Westray is a small island. Early expressions of interest are strongly advised.

Sixth World Archaeology Congress
WAC-6 First Announcement

The organising committee of the Sixth World Archaeology Congress (WAC- 6) are delighted to now invite colleagues from across the globe to come to University College Dublin, Ireland from June 29-July 4, 2008 for this spectacular archaeological conference. We are planning a varied and engaging thematic program and a wide range of social events that will provide opportunities to experience the cultural and social life of Dublin and Ireland and to sample this island's outstanding archaeological heritage.

WAC is committed to diversity and to redressing global inequities in archaeology through conferences, publications and scholarly programs. It has a special interest in protecting the cultural heritage of Indigenous peoples, minorities and peoples from a range of countries. WAC-6 will continue the established practice of previous international congresses in facilitating the participation and empowerment of indigenous peoples and researchers from economically disadvantaged countries.

This first announcement is a call for themes, sessions, papers and posters. See www.ucd.ie/wac-6 for details of application, program, accommodation, costs and grant opportunities.

Hope to see you all there!

Dr Helen Lewis
(Deputy Academic Secretary, WAC-6), WAC-6 organising committee

Deadline for theme proposals: **September 30 2007**

Deadline for session proposals: **November 1 2007**

Final announcement: early December 2007

Confirmation of acceptance of paper & posters: March 14 2008 Early registration: up to March 30 2008

NB: join WAC for cheaper registration!

Contacts:

wac6programme@ucd.ie

+353-1-716-8163 (tel)

+353-1-716-1184 (fax)

WAC-6 website is at www.ucd.ie/wac-6

8th Palaeopathology Short Course **10th to 22nd August 2008**

The 8th Palaeopathology Short Course will take place from Sunday 10 August (arrival) through Friday, 22 August 2008 at the Biological Anthropology Research Centre, Archaeological Sciences, University of Bradford. Registration will take place on the morning of Monday, 11 August.

Course Synopsis



Delegates in the Keith Manchester Lab during the 7th Palaeopathology Short Course in 2005.

The course will cover topics in the study of health and demographic characteristics of past human populations, including age estimation and sex determination, estimates of body proportion and stature from human remains, specific and non-specific infectious disease, degenerative joint disease, metabolic disease, congenital abnormality, dental disease, activity-related skeletal change, and the use of histological

techniques in the differential diagnosis of ancient disease. The course will also include a number of special lectures on ancient DNA, the analysis of ancient and modern human hair, and isotopic analyses that complement and extend the macro and microscopic analysis of palaeopathological conditions. Dr. Frank Rühli will also contribute on the use of radiography and Ct-scanning to aid differential diagnosis of palaeopathological lesions.

Course lecturers/tutors:

- | | |
|---|---|
| <input type="checkbox"/> Dr. Christopher Knüsel (Bradford) | <input type="checkbox"/> Professor Charlotte Roberts (Durham) |
| <input type="checkbox"/> Mrs. Anthea Boylston (Bradford) | <input type="checkbox"/> Dr. Frank Rühli (University of Zurich) |
| <input type="checkbox"/> Dr. Megan Brickley (Birmingham) | <input type="checkbox"/> Professor Michael Schultz (Göttingen) |
| <input type="checkbox"/> Professor Andrew Chamberlain (Sheffield) | <input type="checkbox"/> Dr. Holger Schutkowski (Bradford) |
| <input type="checkbox"/> Dr. Mary Lewis (Reading) | <input type="checkbox"/> Dr. Mike Taylor (University College London) |
| <input type="checkbox"/> Dr. Simon Mays (English Heritage) | <input type="checkbox"/> Dr. Darlene Weston (Max Planck Institute, Leipzig) |
| <input type="checkbox"/> Dr. Janet Montgomery (Bradford) | <input type="checkbox"/> Dr. Andrew Wilson (Bradford) |
| <input type="checkbox"/> Dr Alan Ogden (Bradford) | |

For further information and application forms, please contact:

Dr. Christopher Knüsel
Biological Anthropology Research Centre (BARC)
Archaeological Sciences
University of Bradford
Bradford
West Yorkshire
BD7 1DP
United Kingdom
Tel: +44 (0)1274 233545
Fax: +44 (0)21274 235190
E-Mail: c.knusel@bradford.ac.uk

EMPLOYMENT

F1170
Environmental Archaeologist (Pollen)
£18,450 - £20,235 per annum
37 hours per week
University of Worcester

The Historic Environment and Archaeology Service are looking for an Environmental Archaeologist to fill a recent vacancy in the environmental archaeology team. We need an archaeologist/palynologist who can undertake full analyses of archaeological pollen and write reports. Laboratory facilities are available at Worcestershire County Council laboratories in Stourport, Worcs. The post-holder will need to be able to manage their own work program and write proposals. You will work as one of a team of three environmental archaeologists, within the County Council Field Archaeology Section. A degree in Biological Sciences, or Environmental Archaeology and/or an equivalent qualification are essential. Previous relevant experience on pollen is essential, and experience of archaeological contract work (in Europe) would be an advantage. Our aim is to undertake excellent analytical projects and provide professional advice relating to environmental archaeology within the context of contract archaeology. A temporary contract is offered until the end of March 2008, due to levels of available funding. It is anticipated that the contract will be renewed for 2008-9

Enquiries/Forms: Please phone (01905) 765765

Closing Date: **17th August 2007**

Interview Date: **11th September 2007**

<http://worcestershire.whub.org.uk/home/wccindex/wcc-job-index/wcc-jobs-view-job.htm?urn=12665>

CONFERENCE FEEDBACK

A Life of Its Own or Casting Bread upon the Waters

The presentation of a poster at the AEA spring meeting in Cork has led to some unexpected feedback. A message was received to contact the planning authority at Wrexham, North Wales. It transpired that some buildings had been erected without permission on a small holding and the owner was appealing against the enforcement order to remove them, on the grounds that they were necessary for his part in an international study of DNA from Dexter cattle. The planners were making further enquiry about this research project and it turned out that the abstract for my poster had been lifted from the UCC website and was being used to substantiate this claim. I took rather a dim view of this misappropriation, so was pleased to confirm to counsel for the council that I did not know this person and was not involved in any research project with him.

Louisa Gidney

AEA BIBLIOGRAPHY

We are very grateful to James Greig for sending us the following information. James sends thanks to Sue Colledge, Monika Hellmund, Stefanie Jacomet and Jorn Zeiler for information. Please send information to jimi.gee@virgin.net

BOOKS

H. Becker, J. Döhle, M. Hellmund, et al. (2005) *Schafburg, nach dem großen Brand - Verbrennung auf dem Scheiterhaufen - ein interdisziplinärer Ansatz* [Schafburg after the great fire, burnt on the pyre, an interdisciplinary work, in German]. (Berichte der Römisch-germanischen Kommission, 86), Mainz, pp. 61-195

S.M. Colledge and J. Conolly (2007) *The origins and spread of domestic plants in southwest Asia and Europe*. Left Coast Press, California. (This is the correct title of the book, which is about to appear, my apologies for having given a different version before)

H. Hüster-Plogmann (2006) *Fisch und Fischerei aus zwei Jahrtausenden; eine fischereiwirtschaftliche Zeitreise durch die Nordwestschweiz* [Fish and fishing through two millennia; a fishing time journey through northwest Switzerland]. *Forschungen in Augst*, 39

CHAPTERS

Michael Allen (2007) Molluscs, In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, CD-Rom.

C.C. Bakels (2006) Pollen analysis and the reconstruction of the former vegetation. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38) Leiden University, Leiden pp. 305-315.

R.M. Ballantyne (2005) Plants and seeds. In R. W. Mortimer, R. Regan and S. Lucy (eds.), *The Saxon and medieval settlement at West Fen Road, Ely: the Ashwell site*. (East Anglian Archaeology 110) Cambridge Archaeological Unit, Cambridge pp. 100-112.

J.J. Boon (2006) Analytical report on some archaeological charred residues from Schipluiden. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 353-361.

D.C. Brinkhuizen (2006) Fish. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 449-470.

P.C. Buckland, J.R.A. Greig, C. Frederick, et al. (2006) The Iron Age and Roman landscape. In I. M. Stead, J. L. Flouest and V. Rigby (eds.), *Iron Age and Roman burials in Champagne*. Oxbow, Oxford pp. 133-156.

Wendy J. Carruthers (2006) The Charred Plant Remains, In Laurent Coleman, Annette Hancocks & Martin Watts, *Excavations on the Wormington to Tirley pipeline, 2000*. Cotswold Archaeology Monograph 3, pp.79-87.

Wendy Carruthers (2007) Environmental overview. In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, pp.187-193.

- Wendy Carruthers (2007) Charred Plant remains, In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, CD-Rom.
- Dana Challinor (2007) Charcoal. In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, CD-Rom.
- S. Deschler-Erb (2006) Tierknochen [Animal bones]. In C. Schucany (ed.), *Die römische Villa von Biberist-Spitalhof/SO*. Greiner, Remshalden pp. 635-665.
- Denise Druce (2007) Pollen, In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, CD-Rom.
- Emma-Jane Evans (2007) Animal Bone, In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, CD-Rom.
- A.L.van Gijn (2006) Implements of bone and antler, a mesolithic tradition continued. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 207-224.
- A.L.van Gijn and J.J. Boon (2006) Birch bark tar. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 261-266.
- T. Gilmore (2006) The Human Remains, In Laurent Coleman, Annette Hancocks & Martin Watts, *Excavations on the Wormington to Tirley pipeline, 2000*. Cotswold Archaeology Monograph 3, pp.63-67.
- E. Grüger, B. Thulin, J. Müller, et al. (2002) Environmental changes in and around Lake Avernus in Greek and Roman times. A study of plant and animal remains preserved in the lake's sediments. In W. F. Jashemski and F. G. Meyer (eds.), *The natural history of Pompeii*. Cambridge University Press, Cambridge pp. 240-273.
- T. Hakbijl (2006) Insects. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 471-482.
- Lorrain Higbee (2006) The Animal Bone, In Laurent Coleman, Annette Hancocks & Martin Watts, *Excavations on the Wormington to Tirley pipeline, 2000*. Cotswold Archaeology Monograph 3, pp.67-78.
- H. Hüster-Plogmann (2006) Die Tierknochen aus den Schlammproben [Animal bones from the sieved samples]. In C. Schucany (ed.), *Die römisch Villa von Biberist-Spitalhof/SO*. Greiner, Remshalden pp. 665-675.
- S. Jacomet (2007) Use in environmental archaeology. In S. Elias (ed.), *Encyclopedia of Quaternary Science*. Oxford University Press, Oxford pp. 2384-2412.
- L.I. Kooistra (2006a) Fabrics of fibres and bark strips. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 253-260.
- L.I. Kooistra (2006b) Wood and charcoal. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 363-374.
- L. Kubiak-Martens (2006) Roots, tubers and processed plant food in the local diet. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 339-352.
- W.J. Kuiper (2006) Molluscs. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 297-300.
- L. Kubiak-Martens (2006) Botanical remains and plant food subsistence. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 317-338.

Jacqui McKinley (2007) Human Remains, In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, CD-Rom.

P. Mikkelsen (2003) Slag - with an impression of agricultural practices. In L. Norbach (ed.), *Prehistoric and medieval direct iron smelting in Scandinavia and Europe. Aspects of technology and society*. University Press, Aarhus pp. 43-48.

K. Molloy (2005) Holocene vegetation and land-use history at Mooghaun, south-east Clare, with particular reference to the Bronze Age. In E. Grogan (ed.), *The later prehistoric landscape of south-east Clare* (The north Munster project, Vol 1), Wordwell, Bray pp. 255-301.

M. O'Connell and K. Molloy (2005) Native woodland composition and dynamics: a long-term perspective based on a Holocene pollen profile from Inis Oírr, Aran Islands, western Ireland. In C. Doyle and D. Little (eds.), *Ireland's native woodlands* (on CD ROM). Woodlands of Ireland, Dublin pp. 20-47.

Mark Robinson (2007) Insect Remains, In J. Timby, R. Brown, E. Biddulph, A. Hardy & A. Powell, *A Slice of Rural Essex. Archaeological discoveries from the A120 between Stansted Airport and Braintree*. Oxford Wessex Archaeology Monograph No. 1, CD-Rom.

S. Stead (2006) Human and animal bones. In I. M. Stead, J. L. Flouest and V. Rigby (eds.), *Iron Age and Roman burials in Champagne*. Oxbow, Oxford pp. 99-133.

C. Vermeeren and M. van Waijjen (2006) Coprolites, macroscopic analysis. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 301-304.

H. de Wolf and P. Cleveringa (2006) Diatoms. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 285-295.

J.T. Zeiler (2006a) Background fauna: small mammals, amphibians and reptiles. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 443-448.

J.T. Zeiler (2006b) Birds. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 421-442.

J.T. Zeiler (2006c) Mammals. In L. P. Louwe Kooijmans and P. F. B. Jongste (eds.), *Schipluiden. A Neolithic settlement on the Dutch North Sea coast c. 3500 cal B.C.* (Analecta Praehistorica Leidensia 37/38), pp. 375-420.

ARTICLES

V. Andrieu-Ponel, P. Ponel, H. Bruneton, et al. (2000) Palaeoenvironments and cultural landscapes of the last 2000 years reconstructed from pollen and coleopteran records in the lower Rhône valley, southern France. *The Holocene* **10**: 341-355

I. Caroli and M. Caldara (2007) Vegetation history of the Lago Battaglia (eastern Gargano coast, Apulia, Italy) during the middle-late Holocene. *Vegetation History and Archaeobotany* **16(4)**: 317-327

L. Doner (2003) Late-Holocene palaeoenvironments of northwest Iceland from lake sediments. *Palaeogeography Palaeoclimatology Palaeoecology* **193**: 535-560

M. Dorado-Valiño, A. Valdeolillos, M.B. Ruiz-Zapata, et al. (2002) Climatic changes since the late glacial/Holocene transition in La Mancha plain (south central Iberian peninsula, Spain) and their evidence in the Tablas de Daimiel marshlands. *Quaternary International* **93-94**: 73-84

R. Drescher-Schneider, J.L. de Beaulieu, M. Magny, et al. (2007) Vegetation history, climate and human impact over the last 15,000 years at Lago dell'Accesa (Tuscany, central Italy). *Vegetation History and Archaeobotany* **16(4)**: 279-299

J.L. Fuller (2002) Past vegetation and land-use dynamics in Mayo Abbey, central Mayo. *Archaeology Ireland* **16**: 20-23

D. Galop, F. Monna, A. Beyrie, et al. (2002) Métallurgie et histoire de l'environnement au cours de cinq millénaires en Pays basque nord (Vallée de Baigorri, Pyrénées-Atlantique, France): résultats préliminaires d'une

approche interdisciplinaire [Metallurgy and environmental history through five millennia in the northern Basque country]. *Archaeologia Postmedievale* **6**: 155-169

M. Giardini (2007) Late Quaternary vegetation history at Stracciaccappa (Rome, central Italy). *Vegetation History and Archaeobotany* **16(4)**: 301-316

M.J. Gil García, M.B. Ruiz Zapata, J.I. Santisteban, et al. (2007) Late Holocene environments in Las Tablas de Daimiel (south central Iberian peninsular, Spain). *Vegetation History and Archaeobotany* **16(4)**: 241-250

M. Hellmund (2005) Pflanzenkohlen und Pollenkörner - botanische Befunde [charcoal and pollen grains, botanical finds, in German]. *Archäologie in Sachsen-Anhalt* Sonderband **2**: 15-22 (in H. Meller and V. Dresely, Quer-Schnitt, Ausgrabungen an der B6 Benzingerode - Heimbürg)

M. Hellmund (2006a) Geböttcherte Eibenholzeimer aus dem römischen Kaiserzeit - Funde von Gommern, Ldkr. Jerichower Land, Sachsen-Anhalt [Stave built yew wood bucket from the Roman period, Gommern, in German]. *Der Eibenfreund* **12**: 157-164

M. Hellmund (2006b) Pollen und Sporen aus dem schnurkeramischen Brunnen [Pollen and spores from the Corded Ware culture well]. *Archäologie in Sachsen-Anhalt* Sonderband **4**, *Archäologie* **30**: 93-95 (in H. Meller, V. Dresely and others, Archäologie an der B6n im Landkreis Quedlinburg)

G. Jalut, A. Esteban Amat, L. Bonnet, et al. (2000) Holocene climatic changes in the western Mediterranean, from south-east France to south-east Spain. *Palaeogeography Palaeoclimatology Palaeoecology* **160**: 255-290

I. Jouffroy-Bapicot, M. Pulido, S. Baron, et al. (2007) Environmental impact of early palaeometallurgy: pollen and geochemical analysis. *Vegetation History and Archaeobotany* **16(4)**: 251-258

H. Kierdorf, J.T. Zeiler and U. Kierdorf (2006) Problems and pitfalls in the diagnosis of linear enamel hypoplasia in cheek teeth of cattle. *Journal of Archaeological Science* **33(12)**: 190-195

E. Kvavadze, I. Gambashidze, G. Mindiashvili, et al. (2007) The first find in southern Georgia of fossil honey from the Bronze Age, based on palynological data. *Vegetation History and Archaeobotany* **16(5)**: 399-404

B. Leinthal, H.-J. Döhle and M. Hellmund (2006) Rossen in der Grube [Horses in the pit]. *Archäologie in Sachsen-Anhalt* Sonderband **5**: 26-33 (in H. Meller, V. Dresely and others, Archäologie auf der Überholspur - Ausgrabungen an der A38)

M.M. Lippi, M. Guido, B.I. Menozzi, et al. (2007) The Massaciuccoli Holocene pollen sequence and the vegetation history of the coastal plains by the Mar Ligure (Tuscany and Liguria, Italy). *Vegetation History and Archaeobotany* **16(4)**: 267-277

J.A. Luque and R. Julià (2002) Lake sediment response to land-use and climate change during the last 1000 years in the oligotrophic Lake Sanabria (northwest of Iberian Peninsula). *Sedimentary Geology* **148**: 343-355

A.M. Mercuri, C.A. Accorsi and M. Bandini Mazzanti (2004) Genesis and evolution of the cultural landscape in Italy as suggested by central Adriatic pollen diagrams (PALICLAS project). *Polen* **14**: 229-230

F. Monna, C. Petit, J.P. Guillet, et al. (2004) History and environmental impact of mining activity in Celtic Aeduan territory recorded in a peat-bog (Morvan - France). *Environmental Science and Technology* **38**: 665-673

D. de Moulins (2007) The weeds from the thatch roofs of medieval cottages from the south of England. *Vegetation History and Archaeobotany* **16(5)**: 385-398

C. Muñoz Sobrino, P. Ramil-Rego and L. Gómez-Orellana (2003) La vegetación postglaciar en la vertiente meridional del Macizo del Mampodre (sector central de la Cordillera Cantábrica)[Postglacial vegetation on the southern side of Macizo del Mampodre, Cantabrian Cordillera]. *Polen* **13**: 31-44

C. Muñoz Sobrino, P. Ramil-Rego and L. Gómez-Orellana (2005) Palynological data about major Holocene climatic events in NW Iberia. *Boreas* **34**: 381-400

C. Muñoz Sobrino, P. Ramil-Rego and L. Gómez-Orellana (2007) Late Würm and early Holocene in the mountains of northwest Iberia: biostratigraphy, chronology and tree colonization. *Vegetation History and Archaeobotany* **16(4)**: 223-240

F. Neumann, C. Schölzel, T. Litt, et al. (2007) Holocene vegetation and climate history of the northern Golan heights (Near East). *Vegetation History and Archaeobotany* **16(4)**: 329-346

C. Newman, M. O'Connell, M. Dilton, et al. (2007) Interpretation of charcoal and pollen data relating to a late Iron Age ritual site in eastern Ireland: a holistic approach. *Vegetation History and Archaeobotany* **16(5)**: 349-365

- R. Pérez-Obiol and L. Sadori (2007) Similarities and dissimilarities, synchronisms and diachronisms in the Holocene vegetation history of the Balearic Islands and Sicily. *Vegetation History and Archaeobotany* **16(4)**: 259-265
- J. Schibler (2007) Knochen, Zahn, Geweih und Horn: Werkstoffe der prähistorischen und historischen Epoche [Bone, tooth, antler and horn, raw material of the prehistoric and historic epochs]. *Nova Acta Leopoldina* NF94 (**348**): 45-63
- A. Schmidl, S. Jacomet and K. Oeggl (2007) Distribution patterns of cultivated plants in the Eastern Alps (central Europe) during the Iron Age. *Journal of Archaeological Science* **34**: 243-254
- J.E. Spangenberg, S. Jacomet and J. Schibler (2006) Chemical analyses of organic residues in archaeological pottery from Arbon Bleiche 3, Switzerland - evidence for dairying in the late Neolithic. *Journal of Archaeological Science* **33**: 1-13
- M.P. Waller and J.E. Schofield (2007) Mid to late Holocene vegetation and land use history in the Weald of south-eastern England: multiple pollen profiles from the Rye area. *Vegetation History and Archaeobotany* **16(5)**: 367-384