



Association for Environmental Archaeology

Newsletter 83
February 2004

ISSN 1363-6553

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; Jane Richardson, Archaeological Services WYAS, PO Box 30, Nepshaw Lane South, Morley, Leeds LS27 0UG, Tel: 0113 3837509; e-mail: membership@envarch.net

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

Contents

| | |
|-------------------------------|----|
| Editorial | 1 |
| News from the Committee | 1 |
| Conferences & Meetings | 2 |
| Workshops & Courses | 4 |
| Employment – vacancies | 6 |
| Publications | 6 |
| Bradford Booking Form | 10 |

EDITORIAL

As this is the first Newsletter of 2004 we would like to wish members a belated Happy New Year! Please remember to check that you have paid the correct subscription, (details of which are given in the News from the Committee section below) as this will be a great help to our new Membership Secretary, Jane Richardson.

This issue of the Newsletter provides information about both of the AEA's meetings in 2004; the April meeting at Bradford and the 25th Anniversary Symposium at Bad Buchau. Please note that the deadline for registration to attend the Bradford Conference is 1st April.

NEWS FROM THE COMMITTEE

SUBSCRIPTION REMINDER

Subscriptions for 2004 are £38 for waged members (plus £6 postage for overseas members) and £28 for student/unwaged members (with no postage charge for overseas). If you have not renewed your AEA membership for 2004, please send in your membership form and payment to the Membership Secretary (address below) as soon as possible to ensure that you continue to receive the Newsletter and issue 9.1 of the journal, *Environmental Archaeology*, due to be published in April (distributed in May).

Downloadable membership forms are available on-line at:

<http://www.envarch.net/aea/membership.html#forms>. Cheques should be made payable to the

Association for Environmental Archaeology. Please note that we can only accept cheques or bank drafts in sterling (£). Overseas members may pay by credit card.

Members paying by standing order. There was a very good response to the Membership Secretary's request for members who pay by standing order to send in revised forms. So, many thanks to all members who did this! In a few cases, however, forms were received too late for the new subscription rate to be implemented on the 1st of January 2004. If it was not possible to update your standing order in time, the Membership Secretary will be in touch to advise you and kindly request that you send a cheque for the outstanding amount. Therefore, please take a moment to check your January bank statement to make sure that your standing order was updated correctly. Members who paid at the 2003 rates will receive *Environmental Archaeology* 9.1, but not 9.2 until the difference is paid (a while away yet, but please take note!). If you have any queries about your membership, please contact the AEA Membership Secretary:

Dr Jane Richardson (AEA Membership Secretary), Archaeological Services WYAS, PO Box 30, Nepshaw Lane South, Morley, Leeds, LS27 0UG.
Tel: +44 (0)113 3837509, Fax: +44 (0)113 3837501, E-mail: membership@envarch.net.

And finally... just a quick reminder to members that if you ever need to change your AEA membership details – for example, to inform the Membership Secretary about a new e-mail address – this can be done by filling in the on-line form:
<http://www.envarch.net/aea/aeaform.html>.

Update on journal subscription offers during 2004

- *Journal of Archaeological Science* offer AEA members individual stand-alone discount rate subscriptions for £73/\$123. Normally, discounted subscriptions are only available to 'Associate Personal' – individuals who are part of an institute which holds a full price subscription – otherwise it is the full institutional rate of \$940.
- *The Holocene* is available at a 10% discount for AEA members.
- *International Journal of Osteoarchaeology* is available for £95/\$150 to AEA members. Individual subscription rates are usually £395 (UK) and \$615 (Rest of World).

For more information of what is on offer and how to obtain your discount, go to:

<http://www.envarch.net/offers/offers.html>

Circaea on the web

Both parts of Volume 5 (1 & 2) are now available on-line. Please see:

<http://www.envarch.net/publications/circaea/index.html>

CONFERENCES & MEETINGS

AEA one-day meeting, Saturday 24th April 2004

Department of Archaeological Sciences, University of Bradford

The themes for this meeting will be managing environmental archaeology on complex, multi-period sites, and diet and health of past human and animal populations. There will also be a general session for papers, and a poster session.

The deadline for registration to attend the meeting is April 1st. The cost of registration is £5 and you may also pre-book a sandwich lunch, for £5. Please register via the meeting website: <http://www.brad.ac.uk/acad/archsci/aea-meeting/> or complete the form at the end of this newsletter.

A full day of papers will run from 10:00-17:30, followed by prizes for outstanding posters, and a wine reception. The programme will include the following presentations:

Jane Bunting (University of Hull)

Modelling past environments: exploring hypotheses from environmental data

Clare Langrick (University of Hull)

Holocene environmental change and valley floor development at Jugger Howe Beck, North York Moors

Jane Wheeler, Gerry McDonnell, Gill Thompson (University of Bradford) and Margaret Atherden (College of York, St John)

Industrial impacts at Rievaulx: linking palaeoecological, archaeological and historical research

Nora Bermingham (University of Hull)

Key developments in a raised bog in Kilnagarnagh, Ireland and implications for human activity in the bog landscape

Graeme Barker (University of Leicester)

Embedding environmental archaeology within an inter-disciplinary research agenda: the Niah Cave Project (Sarawak)

David Gilbertson (University of Plymouth), Richard Mani Banda and Dana Badang (Department of Mineral and Geoscience Malaysia), Michael Bird (University of St Andrews), Alan Dykes and Chris Hunt (University of Huddersfield), Lisa Kealhofer (Santa Clara University), Sue McLaren (University of Leicester), Brian Pyatt (The Nottingham Trent University), James Rose and Mark Stephens (Royal Holloway, University of London) and Gill Thompson (University of Bradford)

Past human activity, geomorphology, taphonomy, and environmental change in the entrance of a guano-rich tropical cave: the Late Quaternary succession in the Great Cave of Niah, Sarawak

Chris Hunt (Huddersfield University)

Palynology of the Pleistocene archaeological sediments at the Great Cave, Niah, Sarawak, Malaysian Borneo

Gavin Gillmore (University of Bradford)

The potential risk from radon²²² posed to archaeologists and earth scientists: reconnaissance study of radon concentrations, excavations and archaeological shelters in the Great Cave of Niah, Sarawak, Malaysia

Gemma Martin, Rebecca Nicholson and Julie Bond (University of Bradford)

All things considered: environmental archaeology and the site of Old Scatness, Shetland

Andrew Jones, Rick Jones, Damian Robinson, Gill Thompson (University of Bradford), Marina Ciaraldi (Coventry University), Jane Richardson (Archaeological Services WYAS) and Robyn Veal (University of Sydney)

Beneath the Pompeii premise: depositional processes in an elite house

Clare Wilson (University of Stirling)

Evaluating the use of multi-element soil analysis in archaeology

Megan Brickley and Rachel Ives (University of Birmingham)

A lack of potatoes? Infantile scurvy in nineteenth century Birmingham

Emma Harvey (UCL)

Early farming communities in Northern and Northeastern India

Antonietta Buglione (University of Foggia)

Diet and environment in *Apulia* in Late Antiquity and the Early Medieval period

Fay Worley, Julie Bond (University of Bradford) and Julian Richards (University of York)

Animal bone in Viking cremations at Ingleby

Julia Cussans (University of Bradford)

Changes in sheep size and shape across the North Atlantic region: A comparison between the Norse period and Iron Age and Pictish periods

The abstracts of these papers are on the website at: <http://www.brad.ac.uk/acad/archsci/aea-meeting/menu.php?0>

There will also be a poster session and **the deadline for submitting a poster, or for attending the meeting, is April 1st**. If you wish to submit a poster please send details via the registration section of the website.

If there are any further queries about the meeting, please contact Jill Thompson:
j.b.thompson@bradford.ac.uk

**AEA 25th Anniversary Symposium in Bad Buchau, Southern Germany,
2-5 September 2004.**

Economic and environmental changes during the 4th and 3^d millennium BC

Organised by the Federseemuseum Bad Buchau, the Nationalmuseum of Denmark and the Landesdenkmalamt Baden-Württemberg

Details of this conference have been advertised in previous newsletters and are available on-line at: <http://www.federseemuseum.de> where a registration form is available for downloading.

If you require further information please contact:

Dr. Ralf Baumeister
Federseemuseum
August Gröber Platz
D-88422 Bad Buchau
Germany
e-mail: rbaumeister@federseemuseum.de

Deadline for abstracts and registration: 1st June 2004. Payment for registration, field trips and the conference dinner must be sent with the conference registration form (upper part of the registration form). Accommodation (lower part of the registration form) is being arranged separately by the tourist office in Bad Buchau and participants will pay this directly to the hotel, apartment owner, etc.

Important advance notice for UK members planning to attend the Bad Buchau conference

As a service to AEA UK members, in the May newsletter the AEA Treasurer will offer members the opportunity to pay for the conference registration, field trips and the dinner in sterling, with the AEA arranging to transfer a Euro payment to Bad Buchau. A strict deadline will be in force, however, as the AEA will only make one transfer to keep costs low. Full details, including currency conversion rates, will be given in the May Newsletter.

WORKSHOPS & COURSES

International Workshop on Soil Micromorphology and Archaeology

The University of Stirling, Scotland, is hosting this workshop on **4th – 6th June 2004**. The workshop is supported by the British Society of Soil Science. The aims as in previous workshops are to (1) provide opportunities for examining thin sections and comparing views, (2) share experiences in the use of new approaches, for example in image analysis, and (3) present research papers. These meetings are always of particular value for new research workers given the emphasis on sharing of experience.

For further information and offers of papers, contact Clare Wilson, School of Biological and Environmental Science, University of Stirling FK9 4LA UK c.a.wilson@stir.ac.uk, or visit our website at <http://www.thin.stir.ac.uk/workshop>

POSTGRADUATE/POSTDOCTORAL WORKSHOP

Wastes and wastelands: historical approaches to contemporary issues

**AHRB Research Centre for Environmental History,
Universities of Stirling and St Andrews
Scotland, UK
29th - 30th June 2004**

The AHRB Research Centre for Environmental History will host a postgraduate/postdoctoral workshop looking at historical approaches to contemporary issues of waste and wastelands. The workshop will examine how communities during the historical period have dealt with waste products and land with a low agricultural potential: were they a valuable commodity or a problem to be disposed of? From middens to landfill sites, and from upland heath and peatland to towns and cities, how have changing patterns of use and shifts in attitudes towards waste and wasteland management affected our environment? This workshop aims to bring together researchers from a wide range of disciplines, including history,

archaeology, sociology, philosophy, economics, geography and environmental science. Part of the workshop remit will be to identify ways to develop interdisciplinary approaches to waste-related research. Papers are welcomed from all disciplines that deal with these subjects. In particular, the workshop seeks to explore ways in which history can inform current issues and policy-making.

The workshop is designed to provide a forum for postgraduate and postdoctoral researchers. In addition to interdisciplinary approaches, we wish to encourage geographical breadth and comparison. Proceedings will, however, be in English. This two-day workshop will be held in St Andrews, Scotland 29-30 June 2004. Abstracts of 200-400 words should be sent to Julia Campbell or Nicola Jeffress by 12th March 2004. UK travel expenses and accommodation and meals will be covered for those participants presenting papers.

Contact:

Nicola Jeffress or Julia Campbell,
AHRB Research Centre for Environmental History,
University of Stirling,
STIRLING UK
FK9 4LA

Tel: +44 (0) 1786 466250; Fax: +44 (0) 1786 466251

E-mail: n.a.jeffres@stir.ac.uk j.e.campbell@stir.ac.uk <http://www.cehp.stir.ac.uk/>

Identification of Wood, Royal Botanic Gardens, Kew 16-20 August 2004

The course is designed for people working with wood: botanists, archaeologists, conservators, furniture and picture restorers, and workers in forensic science and allied professions.

The course will include the following:

- Detailed study of wood structure for both hardwoods and softwoods using light microscopy.
- Methods used for the identification of wood including keys, tables, atlases, computer systems and comparison with authenticated material.
- Two days devoted to lectures and practical identification sessions concentrating on archaeological charcoal and waterlogged wood, root woods and decorative veneers and timbers.
- Tours of the reference collection of microscope slides (Jodrell Laboratory) and wood collection (Museum of Economic Botany).

Course Tutors: Peter Gasson and Rowena Gale (Jodrell Laboratory, Royal Botanic Gardens, Kew)

Maximum number of participants: 10

Course fee: £400 per person. This includes registration pack and course materials, but not travel or accommodation, which must be booked by students themselves. Advice on accommodation may be supplied on request.

For further details please contact:

Dr Peter Gasson,
Jodrell Laboratory,
Royal Botanic Gardens, Kew,
Richmond, Surrey, TW9 3AB. UK.
tel: +44-(0)20-8332-5330
email: P.Gasson@kew.org

EMPLOYMENT - VACANCIES

UNIVERSITY OF LEICESTER, SCHOOL OF ARCHAEOLOGY & ANCIENT HISTORY.

PhD Studentship in Archaeology. Available from 1 May 2004, Postgraduate Doctoral Studentship in Archaeology (3 years)

Applications are invited for a 3 year PhD studentship connected with Dr M. van der Veen's NERC funded project "Long-Distance Trade and Agricultural Development". The research topic of the PhD studentship is the "Introduction and Dispersal of Exotic Food Plants into Europe". Supervisors: Dr Marijke van der Veen and Dr Neil Christie. The award will be equivalent to a fully funded three-year NERC studentship including UK/EU fees and maintenance. Successful applicants will normally hold a Masters degree in Archaeology, have good analytical, data analysis and IT skills (Excel, Access), and a willingness to travel. Knowledge of archaeobotany and the Roman and/or medieval periods is highly desirable. Starting date: 1 May 2004.

Application forms and further particulars are available from Dr Rachel Bown, School of Archaeology & Ancient History, email: reb18@leicester.ac.uk, Telephone 0116 – 252 2777.

Applications should be sent to: Dr Rachel Bown, School of Archaeology & Ancient History, University of Leicester, University Road, Leicester LE1 7RH, UK. In addition to the application form, applicants should also submit a short CV and a 500 word statement of their research interests and experience relevant to the topic.

Closing Date: 25th February 2004

UNIVERSITY OF LEICESTER, SCHOOL OF ARCHAEOLOGY & ANCIENT HISTORY.

Technician in Archaeobotany - Ref: T628 Available from 1 May 2004 for 6 months.

Salary Grade C - £13,547 to £15,131 p.a. (or Graduate Trainee - £13,142).

Applications are invited for a 6 months Technician in Archaeobotany. The post is funded by a NERC grant to Dr M van der Veen. The successful applicant will assist in the analysis of desiccated plant remains, specifically the sorting of archaeobotanical samples as part of the project "Long-Distance Trade and Agricultural Development – Food Plants from Quseir, Egypt". Training in archaeobotany and/or environmental archaeology, and experience in sorting archaeobotanical samples (plant macro-fossils) would be advantageous.

Applicants should possess ONC/BTEC Science, Diploma or equivalent and have relevant experience. Recent graduates will also be considered for appointment as Graduate Trainee at an initial salary of £13,142 p.a.

Informal enquiries are welcome and should be made to Appointments (Support Staff), Personnel Office. Email ek40@le.ac.uk or telephone: 0116 223 1013.

Downloadable application forms and further particulars are available from <http://www.le.ac.uk/personnel/supportjobs/index.html> or in hardcopy from the Personnel Office, tel: 0116 223 1013, Fax: 0116 252 5140, email: ek40@le.ac.uk. *Please note that CVs will only be accepted in support of a fully completed application form.*

Closing Date: 25th February 2004

PUBLICATIONS

We are very grateful to James Greig for continuing to compile a very valuable environmental archaeology bibliography. Most of the bibliography can be accessed at the AEA website <http://www.envarch.net>. Please send further references to jimi.gee@virgin.net

BOOKS

C. Callou (2003) *De la garenne au clapier; étude archéozoologique du lapin en Europe occidentale* [archaeozoology of the rabbit, in French]. (Mémoires du muséum national d'histoire naturelle,), pp.

ISBN 2856535453; £65 hb

A. Hyland (2003) *The horse in the ancient world*. Sutton, Stroud, 210 pp. ISBN 0750921609; £20 hb

S. Jones O'Day, W. van Neer and A. Ervynck (2003) *Behaviour behind bones: the zooarchaeology of ritual, religion and status*. Oxbow, Oxford, 350 pp. ISBN 1842171135; 370 hb

E. Kotjabopoulou, Y. Hamilakis, P. Halstead, et al. (2003) *Zooarchaeology in Greece; recent advances*. (British School at Athens Studies, 9) Oxbow, Oxford, 310 pp. ISBN 0904887413;

R. Lauwerier and I. Plug (2003) *The future from the past; archaeozoology in wildlife conservation and heritage management*. Oxbow, Oxford, 184 pp. ISBN 1842171151; £40 hb

M. Mondini, S. Muñoz and S. Wickler (2003) *Colonisation, migration and marginal areas: a zooarchaeological approach*. Oxbow, Oxford, 128 pp. ISBN 1842171143; £30 hb

P. Murphy and P.E.J. Wiltshire (2003) *The environmental archaeology of industry*. (Symposia of the AEA, 20) Oxbow, Oxford, pp. ISBN 1842170848

K. Neumann, A. Butler and S. Kalheber (2003) *Food, fuel and fields; progress in African archaeobotany*. Heinrich-Barth Institut, Köln, pp.

I.G. Simmons (2003) *The moorlands of England and Wales: an environmental history 8000 BC - AD 2000*. Edinburgh University Press, Edinburgh, pp. ISBN 0747310; £60 hb £24.99 pb

CHAPTERS

C. Bakels (2003) Die neolithischen Weizenarten des südlimburgischen Lö Gebiets in den Niederlanden [Neolithic wheat species in Dutch loess area of south Limburg]. In J. Eckert and U. Eisenhauer (eds.), *Archäologische Perspektiven...* Leidorf, Rahden pp. 225-232.

R.W. Batarbee, S. Juggins, F. Gasse, et al. (2002) North European diatom database (EDDI); an information system for palaeoenvironmental reconstruction. In Proceedings of the European Climate Science Conference, Vienna.

C. Brombacher and S. Jacomet (2003) 6. Ackerbau, Sammelwirtschaft und Umwelt [Farming, gathering and environment]. In H. Zwahlen (ed.), *Die jungneolithischen Siedlung Port-Stüdeli*. (Ufersiedlung Bielersee 7), Bern pp. 66-73.

A. Kreuz and N. Boenke (2003) Zweikörniges Einkorn zur Zeit der Bandkeramik. Archäologisches Indiz oder Laune der Natur? [2-grained einkorn in the Bandkeramik period. Archaeological evidence or trick of nature?]. In J. Eckert, U. Eisenhauer and A. Zimmermann (eds.), *Archäologische Perspektiven, Analysen und Interpretationen im Wandel* (Festschrift Jens Lüning). (Intern Archäol Studia Honoraria) Leidorf, Rahden pp. 233-241.

H. Kroll (2003) Rural plenty the result of hard work. Rich middle Bronze Age plant remains from Agios Mamas, Chalkidike. In G. A. Wagner and E. Pernicka (eds.), *Troia and the Troiad, scientific approaches*. Springer, Berlin pp. 293-301.

M.P. Waller (2002) The Holocene vegetation history of the Romney Marsh region. In A. J. Long, S. Hipkin and H. Clarke (eds.), *Romney Marsh coastal and landscape change through the ages*. (Oxford University Committee for Archaeology Monographs 56) Oxbow, Oxford pp. 1-21.

C. Whitlock and C. Larsen (2001) Charcoal as a fire proxy. In J. P. Smol, H. J. B. Birks and W. M. Last (eds.), *Tracking environmental change using lake sediments. Terrestrial algal and siliceous indicators*. Kluwer, Dordrecht pp. 75-97.

ARTICLES

T. Anderson (2003) A medieval example of a sagittal cleft or butterfly vertebra. *International Journal of Osteoarchaeology* **13**(6): 352-357

D. Arobba, R. Caramiello and M. Firpo (2001) Studio paleobotanico e sedimentologico di un sondaggio alla foce del Fiume Centa (Albenga, Liguria occidentale) [palaeobotanical and sedimentological studies on a core from Fiume Centa, in Italian]. *Allionia* **38**: 147-158

D. Arobba, R. Caramiello and A.del Luccese (2003) Archaeobotanical investigations in Liguria: preliminary data on the early Iron Age at Monte Trabocchetto (Pietra Ligure, Italy). *Vegetation History and Archaeobotany* **12**(4): 253-262

M. Badura (2003) *Pimenta officinalis* Lindl. (pimento, myrtle pepper) from early modern latrines in Gdansk

(northern Poland). *Vegetation History and Archaeobotany* **12(4)**: 249-252

M. Blaauw and B. van Geel (2004) Solar forcing of climatic change during the mid Holocene: indications from raised bogs in the Netherlands. *The Holocene* **14(1)**: 35-44

L. Bouby and P. Marinval (2004) Fruits and seeds from Roman cremations in Limagne (Massif Central) and the spatial variability of plant offerings in France. *Journal of Archaeological Science* **31(1)**: 77-86

F.M. Chambers and D.J. Charman (2004) Holocene environmental change; contributions from the peatland archive. *The Holocene* **14(1)**: 1-6

A.S. Fairbairn (2003) Technical notes on the preparation of leaf and epidermis specimens for reference collections and archaeobotanical investigations. *Environmental Archaeology* **8(2)**: 167-175

R.A. Fyfe, A.G. Brown and S.J. Rippon (2003) Mid to late Holocene vegetation history of greater Exmoor, UK: estimating the spatial extent of human-induced vegetation change. *Vegetation History and Archaeobotany* **12(4)**: 215-232

E. Gobet, W. Tinner, P.A. Hochuli, et al. (2003) Middle to late Holocene vegetation history of the Upper Engadine (Swiss Alps): the role of man and fire. *Vegetation History and Archaeobotany* **12(3)**: 143-163

S. Groves, C. Roberts, C. Johnstone, et al. (2003) A high status burial from Ripon cathedral, North Yorkshire, England; differential diagnosis of a chest deformity. *International Journal of Osteoarchaeology* **13(6)**: 358-368

F. Gyulai (2003) Preliminary notes regarding early 10th century cereal production by the first Hungarian settlers. *Acta Agronomica Hungarica* **51(1)**: 69-75

A.R. Hall, H.K. Kenward and J.M. McComish (2003) Pattern in thinly-distributed plant and invertebrate macrofossils revealed by extensive analysis of occupation deposits at Low Fisher Gate, Doncaster, UK. *Environmental Archaeology* **8(2)**: 129-144

P.S. Henriksen (2003) Rye cultivation in the Danish Iron Age - some new evidence from iron-smelting furnaces. *Vegetation History and Archaeobotany* **12(3)**: 177-185

W. Kuijper and M. Manders (2003) South American palm seeds (*Orbignya* sp.) in Dutch shipwrecks. *Environmental Archaeology* **8(2)**: 185-187

P.G. Langdon and K.E. Barber (2004) Snapshots in time: precise correlation of peat-based proxy climatic records in Scotland, using mid-Holocene tephras. *The Holocene* **14(1)**: 21-33

R.I. MacPhail, G.M. Cruise, M.J. Allen, et al. (2004) Archaeological soil and pollen analysis of experimental floor deposits with special reference to Butser Ancient Farm, Hampshire, UK. *Journal of Archaeological Science* **31(2)**: 175-191

J. Meriläinen, J. Hynynen, A. Palomäki, et al. (2003) Environmental history of an urban lake: a palaeolimnological study of lake Jyväsjärvi, Finland. *Journal of Paleolimnology* **30(4)**: 387-406

T.M. Mighall, J.G.A. Lagheard, F.M. Chambers, et al. (2004) Mineral deficiency and the presence of *Pinus sylvestris* on mires during the mid to late Holocene. Palaeoecological data from Cadogan's Bog, Mizen Peninsular, Co Cork, southwest Ireland. *The Holocene* **14(1)**: 95-109

P.H. Mikkelsen (2002) Fra bondens mark - arkæobotaniske undersøgelser af jernalderens agerbrug [From the farmer's field- archaeobotanical investigations of Iron Age agriculture, in Danish]. *Naturens Verden* **6**: 38-45

L. Moffett and M. Ciaraldi (1999) charred plant remains. *Transactions of the Birmingham and Warwickshire Archaeological Society* **103**: 32-34 (in S. Palmer, Archaeological excavations in the Arrow Valley, Warwickshire, pp. 1-231)

S.D. Muller (2004) Palynological study of antique shipwrecks from the western Mediterranean sea, France. *Journal of Archaeological Science* **31(02)**: 343-349

J. Orschiedt, A. Häußler, M.N. Haidle, et al. (2003) Survival of a multiple skull trauma: the case of an early Neolithic individual from the LBK enclosure at Herxheim, southwest Germany. *International Journal of Osteoarchaeology* **13(6)**: 375-383

A.K. Outram (2003) Comparing levels of subsistence stress amongst Norse settlers in Iceland and Greenland using levels of bone fat exploitation as an indicator. *Environmental Archaeology* **8(2)**: 119-128

- T. Prowse, H.P. Schwarcz, A. Saunders, et al. (2003) Isotopic palaeodiet studies of skeletons of the Imperial Roman Age cemetery of Isola Sacra, Rome, Italy. *Journal of Archaeological Science* **31(3)**: 259-272
- M. Ralska-Jasiewiczowa, T. Litt and T. Goslar (2001) Correlation of main events in Holocene vegetation history of middle Poland and NW Germany based on varve chronologies: climate versus anthropogenic impact in different parts of central Europe. *Terra Nostra* **2001/3**: 162-168
- M. Ralska-Jasiewiczowa, D. Nalepka and T. Goslar (2003) Some problems of forest transformation at the transition to the oligocratic/*Homo sapiens* phase of the Holocene interglacial in northern lowlands of central Europe. *Vegetation History and Archaeobotany* **12(4)**: 233-247
- E.A. Reber and R.P. Evershed (2003) Identification of maize from absorbed organic residues; a cautionary tale. *Journal of Archaeological Science* **31(4)**: 399-410
- D.E. Robinson (2003) Neolithic and Bronze Age agriculture in southern Scandinavia - recent archaeobotanical evidence from Denmark. *Environmental Archaeology* **8(2)**: 145-165
- N. Savukienė, D. Moe and D. Usaityte (2003) The occurrence of former heathland vegetation in the coastal areas of the south-east Baltic sea, in particular Lithuania: a review. *Vegetation History and Archaeobotany* **12(3)**: 165-175
- A. Schlumbaum, G. Stopp, G. Breuer, et al. (2003) Combining archaeozoology and molecular genetics; the reason behind the changes in cattle size between 150 BC and 700 AD in northern Switzerland. *Antiquity* **77(298)**
- C. Skinner and A.G. Brown (1999) Mid Holocene vegetation diversity in eastern Cumbria. *Journal of Biogeography* **26**: 45-54
- D.N. Smith and A.J. Howard (2004) Identifying changing fluvial conditions in low gradient alluvial archaeological landscapes: can coleoptera provide insights into changing discharge rates and floodplain evolution. *Journal of Archaeological Science* **31(1)**: 109-120
- M.J. Smith and M.B. Brickley (2004) Analysis and interpretation of flint toolmarks found on bones from West Tump long barrow, Gloucestershire. *International Journal of Osteoarchaeology* **14(1)**: 18-33
- E. Strouhal, A. Nemeckova and M. Kouba (2003) Palaeopathology of Lifaa and other persons found beside his tomb at Abusir, Egypt. *International Journal of Osteoarchaeology* **13(6)**: 331-338
- W. Tinner, A.F. Lotter, B. Ammann, et al. (2003) Climatic change and contemporaneous land-use phases north and south of the Alps 2300 B.C. to 800 A.D. *Quaternary Science Reviews* **22**: 1447-1460
- A.M.F. Tomescu, V. Radu and D. Moise (2003) High resolution stratigraphic distribution of coprolites within Eneolithic middens, a case study, Harsova Tell, Constanta County, southeast Romania. *Environmental Archaeology* **8(2)**: 97-109
- E. Weiss and M.E. Kislev (2004) Plant remains as indicators for economic activity: a case study from Ashkelon. *Journal of Archaeological Science* **31(1)**: 1-13
- N.J. Whitehouse (2004) Mire ontogeny, environment and climatic change inferred from fossil beetle successions from Hatfield Moors, eastern England. *The Holocene* **14(1)**: 79-93
- L.H. van Wijngaarden-Bakker and K.D. Troostheide (2003) Bones and eggs. The archaeological presence of the grass snake *Natrix natrix* (L.) in The Netherlands. *Environmental Archaeology* **8(2)**: 111-118
- G. Willcox (2004) Measuring grain size and identifying Near Eastern cereal grain domestication, evidence from the Euphrates valley. *Journal of Archaeological Science* **31(2)**: 145-150
- B. Zach and M. Klee (2003) Four thousand years of plant exploitation in the Chad Basin of NE Nigeria, part 2: discussion on the morphology of caryopses of domesticated *Pennisetum* and complete catalogue of the fruits and seeds of Kursakata. *Vegetation History and Archaeobotany* **12(3)**: 187-204
- Y. Zheng, A. Matsui and H. Fujiwara (2003) Phytoliths in rice detected in the Neolithic sites in the valley of the Taihu lake in China. *Environmental Archaeology* **8(2)**: 177-183

WEBSITE

Helmut Kroll's archaeobotanical database; <http://www.archaeobotany.de>

AEA ONE-DAY MEETING 2004: booking form
University of Bradford
Saturday 24th April

Title.....

First name.....

Surname.....

Institution.....

Mailing address.....

.....

Phone.....

Email.....

Contribution:

Paper title and short abstract.....

.....

.....

.....

.....

Poster title and short abstract.....

.....

.....

.....

.....

Please send the registration form and cheque for the conference fee and lunch to:

Dr Jill Thompson,
Department of Archaeological Sciences,
University of Bradford,
Bradford BD7 1DP.

or j.b.thompson@bradford.ac.uk