



Association for Environmental Archaeology

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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.

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

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EDITORIAL

This edition of the Newsletter contains a final reminder that the deadline for registration and submission of abstracts for the AEA's 25th Anniversary Conference in Bad Buchau is not far away, on **1st June 2004**. Please see the website (details in the 'Conferences & Meetings' section) or the back of this newsletter for a registration form. Please note that the AEA is offering a payment service for this conference for members in the UK, as outlined on page.4. Block bookings via the AEA must be received by **10th June**.

NEWS FROM THE COMMITTEE

NOMINATIONS TO THE AEA MANAGING COMMITTEE

The AEA Managing Committee seeks nominations for **three ordinary committee members** and **the position of Secretary** (four vacancies altogether, each a three-year position). Elections will be held at the AEA AGM to be held at the annual conference in Bad Buchau, 2-5 September 2004.

The AEA Managing Committee usually meets four times a year (usually in March, June, September and December). The main items of business discussed are the organisation of conferences and publication of conference proceedings, and publication of the journal, as well as issues relating to the Newsletter, Website maintenance, and membership. In addition to elected office of Secretary, we are also looking for candidates interested in taking on the roles of Publicity Officer and Conference Officer, each of which is performed by an ordinary committee member. We particularly encourage candidates who are prepared to

take on one of these specific jobs of the AEA Managing Committee. Nominees must be current AEA members.

The role of Secretary (elected officer)

The role of the Secretary is to facilitate communication between members of the AEA Managing Committee and, with the AEA Chair, between the Committee and AEA members. The main practical duties involve the drawing up of agendas, keeping accurate minutes, and writing and encouraging notices for the Newsletter and Website. The Secretary works in close co-operation with the AEA Chair, but is also available to assist other Officers and committee members of the Association.

To make your nomination

Any AEA member can make a nomination, but this must be seconded. Please state whether you are nominating a candidate for one of the three ordinary positions or the position of Secretary. A brief personal statement from the nominee (which implicitly indicates the nominee's willingness to stand) should accompany nominations. This can be received by e-mail or regular mail. This statement will be published in the August Newsletter or, if received afterwards, read at the AGM.

Nominations can be received up to the time of the AGM, although the committee would like to encourage members to submit nominations before the August Newsletter deadline (20th July). Nominations and personal statements can be e-mailed or posted to:

Carol Palmer, AEA Secretary, Department of Archaeology, University of Sheffield, Northgate House, West Street, Sheffield, S1 4ET, UK

E-mail: c.palmer@sheffield.ac.uk

Elections will be held at the annual conference in Bad Buchau – for more details see below.

AEA BOOKS

Oxbow Books are offering the AEA a 50% discount on the following titles:

published now:

From the 2002 ICAZ Conference (available now, despite what it may say on Oxbow's web pages!):

Colonisation, Migration, and Marginal Areas: A Zooarchaeological Approach

edited by Mariana Mondini, Sebastián Muñoz and Stephen Wickler

AEA Price £15 plus p&p

The Future from the Past: Archaeozoology in Wildlife Conservation and Heritage Management

edited by Roel C G M Lauwerier and Ina Plug

AEA Price £20 plus p&p

Behaviour Behind Bones: The Zooarchaeology of Ritual, Religion, Status and Identity

edited by Sharyn Jones O'Day, Wim Van Neer and Anton Ervynck

AEA Price £35 plus p&p

expected late summer 2004:

From the 2001 AEA Conference

Atlantic Connections and Adaptations: Economies, Environments and Subsistence in Lands Bordering the North Atlantic

edited by Rupert A Housley and Geraint Coles

AEA Price £30 plus p&p

Please let me know as soon as possible if you would be interested in purchasing any of these and I will make up orders in due course. Anyone who has already contacted by e-mail should have received an acknowledgement of their message; please let me know if you have written but received no response.

Sale of old stock

I am offering the following titles at serious discounts to clear old stock which is gathering dust in my office:

Bailey, G., Charles, R. and Winder, N. (eds.). 2000. *Human ecodynamics*. Symposia of the AEA 19. £12.50 (£25)

Brothwell/Pollard: *Handbook of Archaeological Science*. Wiley £94.50 (list price £135) [one copy left]

Dobney/O'Connor: *Bones and Man* (Festschrift for Don Brothwell). Oxbow. £15 (£30)

Kenward H and Hall A 1995. *Biological evidence from Anglo-Scandinavian Coppergate*. Archaeology of York 14/7. York: CBA. £7.50 (publisher's price £32)

Moe D, Dickson J H and Jorgensen P M (eds) 1994. *Garden History...* PACT. £15 (£38)

Rackham: *Ancient Woodland* (new edition): £50 (£60) [one copy only]

Please note that we *no longer have* any stock of the following:

Dobney D, Jaques, S and Irving B [1996]. *Of Butchers and Breeds*. Lincoln.

de Boe G and Verhaege F (eds.) 1997. *Environment and subsistence in medieval Europe*. Pre-printed papers of the 'Medieval Europe Brugge 1997 Conference', Vol. 9. IAP Rapporten 9. Zellik.

Rowley-Conwy, P. (ed.) 2000. *Animal bones, human societies*. Oxford: Oxbow.

Huntley, J.P. and Stallibrass, S. (eds.) 2000. *Taphonomy and interpretation*. Symposia of the AEA 14. Oxford: Oxbow.

... and a special offer from the publishers of *World Archaeology*, who have agreed to sell the WA volume on 'Luxury Foods', edited by Marijke van der Veen, at a special price of £15 to AEA members. Below is a list of the papers in the volume. Anybody interested can **get a copy of the order form** (as a PDF file) from Allan Hall (biol8@york.ac.uk).

SPECIAL BOOK PRICE AVAILABLE TO AEA MEMBERS

M. van der Veen (ed) LUXURY FOODS - WORLD ARCHAEOLOGY 34(3)2003 – (subject to availability) at a special price of £15 to AEA members

Volume content:

When is food a luxury?

van der Veen, Marijke page: 405

Beyond affluence: the zooarchaeology of luxury

Ervynck, Anton - Van Neer, Wim - Hüster-Plogmann, Heide - Schibler, Jörg page: 428

Did East Polynesians have a concept of luxury foods?

Leach, Helen page: 442

Were luxury foods the first domesticates? Ethnoarchaeological perspectives from Southeast Asia

Hayden, Brian page: 458

Pre-Columbian Andean animal domesticates at the edge of empire

Stahl, Peter page: 470

New archaeological insights into food and status: a case study from pre-contact Hawaii

Kirch, Patrick - O'Day, Sharyn Jones page: 484

The noble beast: status and differential access to animals in the Maya world

Emery, Kitty page: 498

Brewing beer: status, wealth and ceramic use alteration among the Gamo of south-western Ethiopia

Arthur, John page: 516

Pomegranates in eastern Mediterranean contexts during the Late Bronze Age

Ward, Cheryl page: 529

Access to luxury foods in Central Europe during the Roman period: the archaeobotanical evidence

Bakels, Corrie - Jacomet, Stefanie page: 542

Archaeology, luxury and the exotic: the examples of Islamic Gao (Mali) and Bahrain
MacLean, Rachel - Insoll, Timothy page: 558

'Luxury foods' in medieval Islamic societies
Waines, David page: 571

Allan Hall

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434950/fax: 433902 (biol8@york.ac.uk)

CONFERENCES & MEETINGS

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

Economic and environmental changes during the 4th and 3rd 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

In view of the fact that the conference organisers cannot accept payment other than in Euros or by Giro, and that British Banks have a steep charge for individual money drafts/orders, the Association will offer a service to British attendees in relation to the direct conference costs. This does NOT include accommodation or food, these must be organised by the individual attendees themselves.

<i>10th May exchange rate, rounded.</i>	Euro	Sterling
Conference fee (waged)	47	37
Conference fee (unwaged or student)	32	22
Conference dinner including beverage	27	18
Field trip 1 (Saturday)	27	18
Field trip 2 (Sunday)	10	7
Administration fee	-	2

The administration fee will cover the cost of raising one banker's draft and any variation in the exchange rates before the end of June.

If you would like to use this service, please complete the registration form and send it with a sterling cheque, payable to the Association for Environmental Archaeology, for the required amount as detailed above to: Jacqui Huntley (Treasurer), at the Department of Archaeology, University of Durham, South Road, Durham DH1 3LE by the **30th June 2004 at the latest**. Late arrivals will be returned to sender!! I regret that the Association cannot accept card payments for the conference. If attendees have to change their plans, for whatever reason, they are requested to do so with the conference organisers and not the Association (primarily because the Treasurer will be unavailable for much of the summer).
Jacqui Huntley (Treasurer). 10th May 2004.

The 6th Annual Conference of the British Association for Biological Anthropology and Osteoarchaeology (BABAO)

This will take place on 10th-11th September 2004 at the Comparative Morphology Centre, University of Bristol. Planned sessions include osteoarchaeology, evolutionary anthropology, biomechanics and human ecology. There will also be a poster session. For further details contact Kate Robson-Brown (Tel: 0117 9546060; email: kate.robson-brown@bristol.ac.uk)

EVENTS CALENDAR – IN BRIEF

The following workshops, courses and meetings coming up in the next few months have been mentioned in past Newsletters, but are listed briefly here as a reminder. Please refer to the relevant Newsletters for further information about these events.

International Workshop on Soil Micromorphology and Archaeology:

University of Stirling, Scotland, 4th – 6th June 2004.

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> (Newsletter 83, Feb 04)

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

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/> (Newsletter 83, Feb 04)

Identification of Wood, Royal Botanic Gardens, Kew

16-20 August 2004

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 (Newsletter 83, Feb 04)

INTERNATIONAL JOURNAL OF OSTEOARCHAEOLOGY

International Journal of Osteoarchaeology is available to all AEA members at the special annual subscription price of \$145.00/£90.00. The journal provides six issues per year of peer-reviewed articles on human and animal bone research worldwide and is the ONLY journal to cover both human and non-human archaeology!

Special Issue News

A Special Double Issue, "Neanderthal Ecology" will be publishing at the end of May 2004 (Volume 15 Issues 3 / 4 and is edited by Terry O'Connor, UK and Ariane Burke, Canada. To see the table of contents and view free abstracts visit: www.interscience.wiley.com/journal/oa

View detailed information on *International Journal of Osteoarchaeology*, including: Aims and Scope, Editorial Board and the Tables of Contents of all published issues at: www.interscience.wiley.com/journal/oa

To take advantage of the special rate, please contact cs-journals@wiley.co.uk and mention your AEA membership number.

PUBLICATIONS

We are very grateful to James Greig for compiling the following 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.

James sends thanks to I.L. Baxter, K.-E. Behre and M. Ciaraldi for publications

BOOKS

I. Chenal-Velarde (2002) La faune du site néolithique de Sion-Avenue Ritz (Valais, Switzerland) [The fauna from the neolithic site Sion Avenue Ritz, Switzerland]. (*BAR International Series*, **1081**) Hedges, Oxford, 151 pp.

C.E. Price (2003) Late Pleistocene and early Holocene small mammals in SW Britain. (*BAR British Series*, **347**) Hedges, Oxford.

M.P. Ruas (2002) Productions agricoles, stockage et finage en Montagne Noire Médiévale; le grenier castral de Durfort (Tarn). (*Documentes Archéologiques Françaises*, **93**), Paris, 231 pp.

CHAPTERS

I.L. Baxter (2003) The mammal and bird bones. In M. Hinman (ed.), A late Iron Age farmstead and Romano-British site at Haddon, Peterborough. (*BAR British Series* **358**) Hedges, Oxford pp. 119-132. (and appendix 2 (22 pp.))

K.E. Behre (2002) Pollen, Samen, Früchte, Geschichte der Pflanzelwelt und der Ernährung [Pollen, seeds fruits, history of the plant world and of food]. In U. von Freeden and S. von Schnurbein (eds.), *Spuren der Jahrtausende*. Theiss, Stuttgart pp. 786-810.

S. Jacomet and M. Petrucci-Bavaud (2004) Archäobotanische Untersuchungen der Kulturschichten der Holzbauphase [Archaeobotanical investigation of the occupation layers of the wooden building phase]. In P. A. Schwarcz (ed.), Kastelen; die prähistorische Siedlungsreste und die frühkaiserzeitlichen Holzbauten auf dem Kastelenplateau. Die Ergebnisse der Grabungen 1991-3. (*Forschungen in Augst* **21**), pp. 241-299.

K.H. Knörzer, J. Meurers-Balke, K. van der Borg, et al. (2002) Archäobotanische Untersuchungen zur Latènesiedlung von Porz-Lind [archaeobotanical investigation of the La Tène settlement at Porz-Lind]. In H. E. Joachim (ed.), Porz-Lind; ein mittel- bis spätlatènezeitlicher Siedlungsplatz im 'Linder Bruch' (Stadt Köln). (*Rheinische Ausgrabungen* **47**), pp. 93-196.

P. Vandorpe, L. Wick, A. Schlumbaum, et al. (2003) Ch 7: Biesheim-Kunheim, analyses botaniques préliminaires des échantillons archéobiologiques [preliminary archaeobotanical analyses of the samples]. In M. Reddé (ed.), Oedenburg (Haut Rhin). *Rapport 2003 sur les fouilles Franco-Germano-Suisses.*, Paris pp. 193-220.

B. Zach-Obmann (2003) 7500 year old imprints of *Panicum turgidum* in a Sahara potsherd. In K. Neumann, A. Butler and S. Kalheber (eds.), Progress in African Archaeobotany. (*Acta Prehistorica* **15**), Köln pp. 123-128.

ARTICLES

T. Alenius, E. Grönland, H. Simola, et al. (2004) Land-use history of Riekkalansaari Island in the northern archipelago of lake Ladoga, Karelian Republic, Russia. *Vegetation History and Archaeobotany* **13(1)**: 23-31

F. Alhaique (2003) The role of small carnivores in the accumulation of bones in archaeological deposits; the cave of the Fucino basin sites (central Italy). *Archaeofauna* **12**: 61-71

F. Alhaique and E. Cerilli (2003) Handicraft, diet and cult practices in the late Antique villa rustica of Brega (Rosà, Vicenza, NE Italy). *Archaeofauna* **12**: 95-111

- M.J. Allen, R. Gale, J. Heathcote, et al. (2003) environment. *Proceedings of the Prehistoric Society* **69**: 117-131 (in C.J. Ellis et al, an early Mesolithic hunting site in the Kennet valley, southern England, pp 107-135)
- R.M. Arbogast, P. Petrequin, A.M. Petrequin, et al. (2003) Instances of animal traction in the Neolithic village of Chalain (Jura, France), end of the 31st century BC. *Archaeofauna* **12**: 175-181
- L.H. Barfield, M.A. Borello, S. Buteux, et al. (2002) Scavi preistorici sulla Rocca di Manerba, Brescia [prehistoric excavations at Rocca de Manerba, Brescia]. *Quaderni del Museo Archeologica del Friuli Occidentale* **4**: 291-309 (i macroresti vegetale [plant macrofossils], p 307)
- I.L. Baxter (2002) The animal bone. *Transactions of the Bristol and Gloucestershire Archaeological Society* **120**: 96-98 (in T. Catchpole, Excavations at West Drive, Cheltenham, Gloucestershire 1997-9)
- I.L. Baxter (2004a) animal bones. *Northamptonshire Archaeology* **30**: 78-79 (in J. Murray, Excavations at the former Cantor and Silver site, Brackley, Northamptonshire)
- I.L. Baxter (2004b) Donkey skeleton. *Medieval Archaeology* **47**: 41-52 (in J. Murray, 17 Dean's Yard, Westminster; archaeological investigations)
- I.L. Baxter and S. Hamilton-Dyer (2003) Foxy in furs? A note on evidence for the probable commercial exploitation of the red fox (*Vulpes vulpes* L.) and other fur bearing animals in Saxo-Norman (10th-12th century AD) Hertford, Hertfordshire, UK. *Archaeofauna* **12**: 87-94
- K.-E. Behre (2002) Zur Geschichte der Kulturlandschaft Nordwestdeutschlands seit dem Neolithikum [Landscape development in nw Germany since the Neolithic, English summary p 65]. *Berichte der Römisch-Germanischen Kommission* **83**: 39-68
- K.-E. Behre (2004) Coastal development, sea-level change and settlement history during the later Holocene in the clay district of Lower Saxony (Niedersachsen), northern Germany. *Quaternary International* **112**: 37-53
- P. Boscato, V. Fronza and F. Salvadori (2003) The proposal for a faunal remains database. *Archaeofauna* **12**: 113-126
- S. Brewer, R. Cheddadi, J.L.de Beaulieu, et al. (2002) The spread of deciduous *Quercus* throughout Europe since the last glacial period. *Forest Ecology and Management* **156**: 27-48
- A. Broström (2002) Estimating source area of pollen and pollen productivity in the cultural landscape of southern Sweden - developing a palynological tool for quantifying past plant cover. *Lundqua Thesis* **46**
- J.S. Carrión, E.I. Yll, M.J. Walker, et al. (2003) Glacial refugia of temperate, Mediterranean and Ibero-north African flora in south-eastern Spain: new evidence from cave pollen at two Neandertal man sites. *Global Ecology and Biogeography* **12**: 119-129
- T. Clare, D.M. Wilkinson and S.R. Pile (2002) Environmental change and Castlerigg stone circle. *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* **2** (3rd series): 302-305
- A.L. Davies and R. Tipping (2004) Sensing small scale human activity in the palaeoecological record; fine spatial resolution pollen analysis from Glen Affric, northern Scotland. *The Holocene* **14(2)**: 233-245
- S.J.M. Davis, C. French, P. Murphy, et al. (2003) animal bone, soil micromorphology, plant macrofossils and molluscs, insects and pollen. *East Anglian Archaeology* **103**: 69-144 (in C. Evans, Power and island communities; excavations at the Wardy Hill [Iron Age] ringwork, Coveney, Ely)
- S. Davis and S. Payne (2003) 101 modos de tratar un erizo muerto [101 ways of dealing with a dead hedgehog, notes on the preparation of vertebrate skeletons for zooarchaeological use]. *Archaeofauna* **12**: 203-211

- F. Facchini, E. Rastelli and P. Brasili (2004) Cribra orbitalia and cribra cranii in Roman skeletal remains from the Ravenna area and Rimini (AD 1st-4th C). *International Journal of Osteoarchaeology* **14(2)**: 126-136
- C. French, H. Lewis, M.J. Allen, et al. (2003) Archaeological and palaeoenvironmental investigation of the upper Allen valley, Cranborne Chase, Dorset 1998-2000; a new model of earlier Holocene landscape development. *Proceedings of the Prehistoric Society* **69**: 201-234 (molluscs, pollen)
- V. Fryer, F.M. Green, P. Murphy, et al. (2003) plant macrofossils, pollen, insects, foraminifera and ostracoda. *Proceedings of the Prehistoric Society* **69**: 38-57 (in M. Brenn and M. Taylor, the survey and excavation of a Bronze Age timber circle at Holme-next-the-Sea, Norfolk 1998-9, pp 1-58)
- R.M. Fyfe, A.G. Brown and B.J. Coles (2003) Mesolithic to Bronze Age vegetation change and human activity in the Exe valley, Devon. *Proceedings of the Prehistoric Society* **69**: 161-181 (pollen)
- E. Gál (2003) Bird remains from curata and Bordu Mare caves, Romania. *Archaeofauna* **12**: 183-192
- J. Giorgi, L. Blackmore and J. Liddle (2002) Environment, diet and economy. *MoLAS Monograph Series* **10**: 59-68 (in B. Barber and Thomas, C. The London Charterhouse)
- W. Groenman-van Waateringe, M. Kooistra and L. Bakker (2003) Formation and land-use history of Celtic fields in nw Europe; an interdisciplinary case study at Zeijen, The Netherlands. *European Journal of Archaeology* **6(2)**: 141-173
- C. Guarino and R. Sciarillo (2004) Carbonized seeds in a protohistoric house: results of hearth and house experiments. *Vegetation History and Archaeobotany* **13(1)**: 65-70
- R. Heawood and E. Huckerby (2002) Excavation of a burnt mound at Sparrowmire Farm, Kendal. *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* **2** (3rd series): 29-49 (pollen pp 39-45)
- L.M. Hodgetts, M.A.P. Renouf, M.S. Murray, et al. (2003) Changing subsistence practices at the Dorset palaeoeskimo site of Phillip's Garden, Newfoundland. *Arctic Anthropology* **40(1)**: 106-120
- E. Ioannidou (2003) The effect of dog scavenging on a modern cattle pig and sheep bone assemblage. *Archaeofauna* **12**: 47-59
- H. Joosten and P.D. Klerk (2002) What's in a name? Some thoughts on pollen classification, identification and nomenclature in Quaternary palynology. *Review of Palaeobotany and Palynology* **122**: 29-45
- G.J.R. Maat (2004) Scurvy in adults and youngsters, the Dutch experience. A review of the history and pathology of a disregarded disease. *International Journal of Osteoarchaeology* **14(2)**: 77-81
- A. Malgosa, A. Alesau, S. Safont, et al. (2004) A dystocic childbirth in the Spanish Bronze Age. *International Journal of Osteoarchaeology* **14(2)**: 98-103
- N. Manaseryan (2003) Hunting tackle, animals and objects in rock engravings from Armenia. *Archaeofauna* **12**: 193-201
- P. Marival (2003) Les curcurbitacées antiques, melon, concombre, pastèque etc. [the ancient curcurbits, melon, cucumber, water melon etc] *Archéologie* (Dijon) **405**: 22-29
- D. Martinoli and S. Jacomet (2004) Identifying endocarp remains and exploring their use at Epipalaeolithic Öküzini in southwest Anatolia, Turkey. *Vegetation History and Archaeobotany* **13(1)**: 45-54
- R. Masefield et al. (2003) A later Bronze Age well complex at Swalecliffe, Kent. *The Archaeological Journal* **83**: 47-121 (environment 82-88)
- N.D. Melton and R.A. Nicholson (2004) The mesolithic in the northern isles; the preliminary evaluation of an oyster midden at West Voe, Sumburgh, Shetland, UK. *Antiquity* **78(299)**: pp? (mollusc shells, bones)

- C. Muñoz Sobrino, P. Ramil-Rego and L. Gómez-Orellana (2004) Vegetation of the Lago de Sanabria area (NW Iberia) since the end of the Pleistocene: a palaeoecological reconstruction on the basis of two new pollen sequences. *Vegetation History and Archaeobotany* **13(1)**: 1-22
- A. Nardini and F. Salvadori (2003) A GIS platform dedicated to the production of distribution models of archaeozoological remains. *Archaeofauna* **12**: 127-141
- C. Newton (2004) Plant tempering of Predynastic pisé at Adaïma in Upper Egypt: building material and taphonomy. *Vegetation History and Archaeobotany* **13(1)**: 55-64
- A.B. Nielsen and B.V. Odgaard (2004) The use of historical analogues for interpreting fossil pollen records. *Vegetation History and Archaeobotany* **13(1)**: 33-43
- R. Pelling (2002) charred plant remains. *Transactions of the Bristol and Gloucestershire Archaeological Society* **120**: 78-79 (in A. Brossler et al, Shornecote quarry; excavation of a late prehistoric landscape in the Thames valley, 1997-8, pp 37-87)
- T. Prowse, H.P. Schwarcz, S. Saunders, et al. (2004) Isotopic palaeodiet studies of skeletons from the Imperial Roman age cemetery of Osola Sacra, Rome, Italy. *Journal of Archaeological Science* **31(3)**: 259-272
- J. Rackham (2003) animal bone. *The Archaeological Journal* **83**: 258-273 (in G. Taylor, An early to middle Saxon settlement at Quarrington, Lincolnshire, pp. 231-280)
- S. Räsänen, S. Hicks and B.V. Odgaard (2004) Pollen deposition in mosses and in a modified Tauber trap from Hailuoto, Finland; what exactly do the mosses record? *Review of Palaeobotany and Palynology* **129(1-2)**: 103-116
- M. Robinson (2002) waterlogged plant and insect remains, molluscs. *Transactions of the Bristol and Gloucestershire Archaeological Society* **120**: 74-79 (in A. Brossler et al, Shornecote quarry; excavation of a late prehistoric landscape in the Thames valley, 1997-8, pp 37-87)
- T. Stöllner (2003) The economy of Dürrenberg-bei-Hallein: an Iron Age mining centre in the Austrian Alps. *The Archaeological Journal* **83**: 123-194 (faeces p 146, parasites p 152, pollen pp 154-8, meat pp 164-171)
- R.J. Telford, E. Heegard and H.J.B. Birks (2004) All age-depth models are wrong: but how badly? *Quaternary Science Reviews* **23(1-2)**: 1-5
- C. Timé and J.-D. Vigne (2003) Roe deer (*Capreolus capreolus*) age at death estimates: new methods and modern reference data for tooth eruption and wear, and for epiphyseal fusion. *Archaeofauna* **12**: 157-173
- S.D. Turner and A.G. Brown (2004) *Vitis* pollen dispersal in and from organic vineyards, 1. Pollen trap and soil pollen data. *Review of Palaeobotany and Palynology* **129(3)**: 117-132
- B. Zolitschka, K.E. Behre and J. Schneider (2003) Human and climatic impact on the environment as derived from colluvial, fluvial and lacustrine archives - examples from the Bronze Age to the Migration Period, Germany. *Quaternary Science Reviews* **22**: 81-100

Registration form
AEA - Association for Environmental Archaeology
25th Anniversary Symposium in Bad Buchau, Southern Germany
02nd– 05th September 2004

Economic and Environmental changes during the 4th and 3rd millennium BC

	Number required
Conference fee (includes: Tea & Coffee, and abstract volume)	
Employed	47,- Euro
Unwaged and Students	32,- Euro
Conference dinner (incl. beverages) any special dietary requirements (e.g. vegetarian)	27,- Euro
Field-trip 1	27,- Euro
Field-trip 2	10,- Euro
Total	EUR

Enclose cheque payable to / Banking transfer to: Dr. Ralf Baumeister / Federseemuseum
Code: AEA-Tagung, Account: 8313926, Banking Code: 654 500 70, Bank: Kreissparkasse Biberach
BIC No: SOLADES1BCR, IBAN: DE41654500700008313926

Accommodation

3 categories can be offered and will be arranged by the tourist office Bad Buchau.

Category 1: Hotel (per night incl. breakfast) single room	27–35 Euro
double room	43–63 Euro
Category 2: Apartments (2–4 persons, per person/night)	10–15 Euro
Category 3: Private rooms (per night/1 person incl. breakfast)	12–16 Euro

	Number required
Wednesday 01.09.2004	Category
Thursday 02.09.2004	Category
Friday 03.09.2004	Category
Saturday 04.09.2004	Category
Sunday 05.09.2004	Category
Further days	Category

Name

Address

Telephone

e-mail

Contributions

I wish to submit an oral paper entitled:

I wish to submit a poster paper entitled:

I am interested in contributing a paper to the conference volume:

Abstracts should be submitted by the 1st of June 2004

Registration form to be sent to:

Dr. Ralf Baumeister, Federseemuseum, August Gröber Platz, D-88422 Bad Buchau (Germany)
FAX: +49-(0)7582-933 810 e-mail: rbaumeister@federseemuseum.de