



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 includes a request for nominations for Committee members, and reminders about the AEA Conference fund and John Evans dissertation prize (see the 'News from the Committee' section below). The programme for the AEA Autumn Conference in Amsterdam is also outlined. Please note that reduced early registration fee for the Conference ends on **30th June**.

NEWS FROM THE COMMITTEE

NOMINATIONS TO THE AEA MANAGING COMMITTEE

The AEA Managing Committee seeks nominations for the following positions:

- Three Ordinary committee members (each a four-year position);
- Student Representative (two-year position)

Elections will be held at the AEA AGM, will be held at the autumn meeting, October 21-22nd 2011, Amsterdam.

General Committee information

The AEA Managing Committee usually meets four times a year (usually in April, July, October and January). The main items of business discussed are the organisation of conferences and the publication of the Journal, as well as issues relating to the Newsletter, website maintenance and membership. All nominees must be AEA members in good standing.

The role of Student Representative

Student Representatives have sat on the AEA committee for the past two years, one new Student Representative being elected every year, and their term of office lasting two years. The post is open to both undergraduates and postgraduate students. During their first year of office, the newly elected Student Representative will 'shadow' the student completing their second year of office. During their second year of office, the student representative will take a more active role in the Committee, as well as guiding the newly elected student representative. The Student Representative will be expected to promote the AEA within the undergraduate and postgraduate communities, and also encourage the establishment of student-led meetings/seminars.

To make your nomination: Any AEA member can make a nomination, but this must be seconded by another AEA member. 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, posted 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 2011).

Nominations and personal statements can be e-mailed or posted to the AEA Secretary, Fay Worley.

E-mail: fay.worley@english-heritage.org.uk

Postal address: See: <http://www.envarch.net/membership/committee.html>

Current Committee details can be found at: <http://www.envarch.net/membership/committee.html>

The AEA constitution is also on the AEA website: <http://www.envarch.net/membership/constitution.html>

THE JOURNAL

The Journal's editor, Ingrid Mainland, would 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 at the following website: <http://www.maney.co.uk/journals/env>, or contact Ingrid Mainland for further information.

Journal Editor:

Dr Ingrid Mainland,
Co-ordinating Editor of Environmental Archaeology,
Department of Archaeology
UHI Millennium Institute
Orkney College
Kirkwall
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Tel: +44 1856 569323

Email: ingrid.mainland@orkney.uhi.ac.uk

Online access for all subscribers

Online access to all volumes of *Environmental Archaeology* is now available to all AEA members. If you would like to register for access the Journal online, please email Rob Craigie, the AEA Webmaster (r.craigie@envarch.net), with your chosen username and a password. When your registration has been accepted, access to the Journal will be available through a link on the AEA website (www.envarch.net). Please note that access will only be made available to fully paid-up members.

Institutional subscription to *Environmental Archaeology* is £154 (\$285 in USA) and includes online access to the full text. Institutional subscription with online access only is £145 (\$268 in USA). If your institution is not currently subscribing to the Journal, please encourage them to do so. Information on institutional subscriptions to the Journal is available at: <http://www.maney.co.uk/journals/env>

AEA CONFERENCE FUND

The AEA has five awards of £200 each available to members of the Association who need assistance in attending the Autumn 2011 conference in at the **VU University of Amsterdam - themed 'Subsistence and surplus production' on the 21-22 October 2011**. Priority will be given to those with limited alternative sources of funding (particularly postgraduate students and those in the commercial field). An application form can be found at the back of this newsletter, as can further details and a booking form for the conference.

Applications for the fund should be returned to Dr R.A. Nicholson, AEA conference Organiser, Oxford Archaeology South, Janus House, Osney Mead, OXFORD OX2 OES, UK before the deadline of **30th June**.

JOHN EVANS DISSERTATION PRIZE

John Evans (1941-2005) was an inspirational environmental archaeologist, responsible for advancing the discipline and fostering many of today's top researchers in the field. His many books continue to make a contribution to practical and theoretical aspects of environmental archaeology.

To honour the memory of John and his achievements within environmental archaeology, the AEA is announcing its annual dissertation competition. Prizes of £75 will be awarded to the best undergraduate and Masters dissertation, which may be on any aspect of environmental archaeology worldwide. Abstracts from the winning dissertations will be published in the AEA newsletter and the winners will also be encouraged to submit an abridged version of their dissertation for publication in the Association's journal, *Environmental Archaeology*, subject to the usual review process.

We invite each Department of Archaeology (or other relevant department) to submit the dissertation of their best candidate by **31st July 2011**. Submissions from individual students are not accepted. The dissertation must be written in English.

All submitted dissertations will be read by two AEA committee members, with a short list of four being read by a third member of the committee. The result will be announced at the AEA meeting in Amsterdam, October 2011.

Bound copies should be sent to Dr Naomi Sykes, who should also be contacted for further information:

naomi.sykes@nottingham.ac.uk

Department of Archaeology

University of Nottingham

NG7 2RD

U.K.

CONFERENCES & MEETINGS

AUTUMN MEETING ASSOCIATION FOR ENVIRONMENTAL ARCHAEOLOGY 'Subsistence and surplus production'

VU University Amsterdam

21-22 October 2011

The programme for the autumn conference 2011 of the Association for Environmental Archaeology has now been finalised. We are excited about the wide range of topics covered in the papers, and we hope this will bring many of you to Amsterdam in October! The programme is outlined below and the abstracts for oral presentations can be found on our website: www.acvu.nl/aea2011
Poster abstracts will be added later.

Abstracts for posters can be submitted until 30 June. Please note that the AEA offers two poster prizes.

Early registration ends on **30 June**, after which the fees will go up. Registration includes:

- conference folder
- book with abstracts
- morning and afternoon coffee or tea
- lunch on Friday and Saturday
- welcome reception on Friday

We would advise anyone wishing to attend to book a hotel room in Amsterdam as soon as possible.

We hope to see you in Amsterdam!

The organizing committee:

Maaïke Groot

Laura Kooistra

Daphne Lentjes

Jørn Zeiler

PROGRAMME: Friday 21 October

Session 1: Subsistence and surplus production (Abstracts)

1. James Walker, *Finding the Famine? An integrated approach to testing hypotheses of shellfish as a starvation food*
2. Canan Çakırlar, *Re-thinking Neolithic subsistence at the gateway to Europe in the light of new archaeozoological evidence from Istanbul (Yenikapı-Marmaray site, ca. 6500-5500 BC)*
3. Stefanie Kloöß, Wiebke Kirleis and Helmut Kroll, *Neolithic food production within Northern German settlement systems*
4. Julia Elise Cussans and Julie M. Bond, *Ewe are What Ewe Eat: Increased Cereal Production and Biometrical Changes in Domestic Mammal Bones in the Later Iron Age of the Scottish Isles*
5. Ilse Kamerling, Kevin J. Edwards and J. Edward Schofield, *Cultivation, reindeer herding and 'Norse'-indigenous interactions in northern Sweden - a palynological analysis*

Session 2: Emerging markets (Abstracts)

1. Sue Stallibrass, *Keeping your options open: a SWOT analysis of northern Britain during the Roman period (SWOT: Strengths, Weaknesses, Opportunities & Threats)*
2. Sabine Deschler-Erb and Örneker, *Swiss cows for the Roman army. A synthesis of archaeobiological data from villae in Roman Switzerland (1st century AD)*
3. Kelsey J. Noack, *Provisioning a New World: multisourcing and the meat diet at Jamestown*
4. Anja Fischer and Heleen van Londen, *Forum Hadriani, a consuming market for food from Midden-Delfland?*
5. Alejandro Valenzuela, *The animal production and consumption in Mallorca (Balearic Islands, Western Mediterranean) during the Late Iron Age-Roman transition*

AEA organization meeting

Welcome reception

Saturday 22 October

Session 3: Urban societies (Abstracts)

1. Ceren Kabukcu, *Early Agriculture in North Eastern Syria: Botanical Remains from Jerablus Tahtani*
2. Fabienne Pigière and Annick Lepot, *Food production and exchanges in the civitas Tungrorum*
3. Matilda Holmes, *Entrepreneurs and Traditional Farmers: the Effects of an Emerging Market in Middle Saxon England*
4. Kristopher Poole, *Waste not, want not: the effect of urbanisation on patterns of production, consumption and disposal in Anglo-Saxon England*
5. Don O'Meara, *Scant evidence of great surplus: Investigations into the Monastic Site of Holm Coultram, Cumbria, England*
6. Lee Broderick, *Make Do and Spend (the zooarchaeological assemblage from Mediaeval Exeter)*

Session 4: Methodology (Abstracts)

1. Michèle Wollstonecroft, *More than simply saving it for later: the role of food plant preservation in human subsistence and surplus production*
2. Elizabeth Henton, *1200 years of sheep herding success: the use of oxygen isotope and dental microwear analysis in elucidating effective herding practices in later Neolithic Çatalhöyük, Central Anatolia*
3. Anke Marsh, *Modelling subsistence, surplus and sustainability: a multidisciplinary approach*
4. Nicole Boenke, *Modelling the past – A calculation model for the food requirement at the Iron-age Salt-mining settlement at Dürrenberg near Hallein*
5. Marieke van Dinter, Laura I. Kooistra, Monica K. Dütting, Pauline van Rijn, Chiara Cavallo, *Could the local population of the lower Rhine delta supply the Roman army? A conceptual and computational model research based on interdisciplinary research*

Conference dinner

Sunday 23 October
Excursions

**Two day interdisciplinary conference on:
HUMAN SOIL LEGACIES**

Stirling University, Scotland, UK, on the 1st and 2nd of September 2011.

For a detailed overview we direct your attention to the website below.

HuSLe organising committee.

Dr. Clare Wilson, University of Stirling (c.a.wilson@stir.ac.uk)

Dr. Emma Tilston, SUERC, University of Glasgow (E.Tilston@suerc.gla.ac.uk)

Dr. Kirsty Golding, University of Stirling (k.a.golding@stir.ac.uk)

Website: <http://www.sbes.stir.ac.uk/husle/index.html>

ENVIRONMENTAL ARCHAEOLOGY OF URBAN SITES

Gdańsk, Poland, 5-10 September 2011

7th Symposium & 4th International Conference of the Polish Association for
Environmental Archaeology

The Conference is dedicated to Professor Krystyna Wasylikowa.

Urban archaeological sites are important archives for different kinds of environmental data describing living conditions in the past as well as the different use of plants and animals by ancient societies. They are distinct in several specific features which determine not only a range of scientific problems that may be investigated but also clearly defined methodological problems. Topics based on archaeobotany, archaeozoology, dendrochronology, anthropology, geoarchaeology and other disciplines related to urban sites are expected. Special attention will be paid to examples of multidisciplinary approaches successfully integrating the results of different environmental analyses and archaeological data.

The Conference will be an occasion to present and discuss all aspects of scientific co-operation related to the environmental archaeology of urban sites, stimulating further development in this field.

Deadline for abstract submission: 15th June 2011.

Organizers:

Laboratory of Palaeoecology and Archaeobotany Department of Plant Ecology
University of Gdańsk, Poland

www.biology.ug.edu.pl/ker/html/prac_paleo.html

Polish Association for Environmental Archaeology www.geoinfo.amu.edu.pl/sas

Archaeological Museum in Gdańsk www.archeologia.pl

For more information please visit: <http://www.archbot.ug.edu.pl>

We hope to meet you in Gdańsk.

Monika Badura

Dr Monika Badura

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'DEER AND PEOPLE: PAST, PRESENT AND FUTURE'

University of Lincoln 8 – 11 September 2011:

Hunting and Poaching – definitions, meaning and impact

Douglas Macmillan¹ and Sykes Naomi²

¹ Durrell Institute of Conservation and Ecology, School of Anthropology and Conservation, University of Kent, Canterbury, England, CT2 7SR, dcm@kent.ac.uk

² Department of Archaeology, University of Nottingham, Nottinghamshire, UK, naomi.sykes@nottingham.ac.uk

Few forms of animal-killing are as controversial as hunting and poaching, both activities having been the subject of considerable debate within popular media and academic literature. Questions surround their motivation: are they sport/recreation, mechanisms for obtaining cheap meat, social inventions, necessities (e.g. for hunter-gatherers and deer managers) or are they driven by more complex issues? Their impact (social, economic and environmental) has been equally contested.

Regardless of your perspective on hunting, it is undeniable that the activity has provided a legacy of great works of art, literature and music – our cultural heritage is a richer place thanks to hunting. The same is true of poaching, the song of the Lincolnshire Poacher and the legend of Robin Hood being good examples of the heroic status that poachers can achieve. It is interesting to contrast these attitudes to historic poachers with those expressed towards modern poachers – why is one admired whilst the others reviled? Indeed, why is it even possible to steal a wild animal when, in theory, they are no-ones property?

In this session we seek to gain a deeper understanding of the motivation and meaning of hunting and poaching. We invite papers and posters from individuals of different backgrounds, disciplines and perspectives who will consider the following questions:

- What are hunting and poaching – how are they defined?
- How can two activities that yield the same result (a deer carcass) be classified in such different ways?
- How have these activities contributed to human culture?
- What have their negative impacts been?
- Can our understanding of hunting/poaching in other cultures help to understand and manage these activities in our own?

To submit a paper/poster proposal please visit the conference website

<http://www.nottingham.ac.uk/archaeology/research/conferences/deer-people.aspx>

ICAZ NEOTROPICAL ZOOARCHAEOLOGY WORKING GROUP

The recently created Neotropical Zooarchaeology Working Group (NZWG) of the International Council for Archaeozoology (ICAZ) has so far more than 60 members from different countries. Information on the Working Group and its activities can be found at <http://alexandriaarchive.org/bonecommons/exhibits/show/nzwg>, including Newsletter N° 1, just edited.

The first meeting of the NZWG took place in Paris, within the eleventh ICAZ Conference held there in August 2010. There the first academic meeting was proposed for **May 2012** at Santiago de Chile, along with the II Encuentro Latinoamericano de Zooarqueología.

All interested parties are invited to participate in the Working Group, subscribing via email so as to receive the biannual Newsletters. In addition, we are currently surveying the existing bibliography on Neotropical zooarchaeology and taphonomy for an open database, for which any collaboration is welcome. We would also appreciate the spread of this news in your different countries.

For further information, please contact the NZWG Coordinators:

Isabel Cruz, isabelcruz55@yahoo.com.ar

Pablo M. Fernández, pfernand@retina.ar

Mariana Mondini, mmondini@filo.uba.ar

A. Sebastián Muñoz, amunoz@filo.uba.ar

EUROPEAN ASSOCIATION FOR ARCHAEOLOGISTS

Oslo, 14th-18th September 2011.

Session: 'Exploring Neolithic landscapes: relationships between society, economy, environment and climate change'.

For further details see;

<http://www.eaa2011.no/home.cfm>

ZOOARCHAEOLOGY IN ARID LANDS

The Laboratorio de Zooarqueología y Tafonomía de Zonas Áridas (LaZTA), in the Museo de Antropología, UNC-CONICET, Argentina, is focused on the study of human-animal interactions and the formation of the zooarchaeological record in arid areas of southern South America. It periodically updates its web page: <http://blogs.ffyh.unc.edu.ar/zooarqueologia>, where news and publications can be found. You are all invited to visit.

For further information, please contact Mariana Mondini or A. Sebastián Muñoz at: LaZTA.zooarqueologia@gmail.com

NEW JOURNAL FOR 2011

This year Elsevier are launching the [*International Journal of Paleopathology*](#), the official journal of the [Paleopathology Association](#). The new journal is under the editorship of **Professor Jane E. Buikstra**, *Arizona State University, USA*. The first issue is now freely available for AEA members to download on [ScienceDirect](#).

To read the articles in the first issue and to find out all of the latest journal news click on the links below:

- [Journal introductions from the Editor-in-Chief](#)
- [Download the first issue](#) today:

Volume 1, Issue 1, Pages 1-74 (March 2011)

[Welcome to the International Journal of Paleopathology](#)

Jane E. Buikstra

[Human skeletal paleopathology](#)

Donald J. Ortner



[Tuberculosis in the non-adults from Romano-British Poundbury Camp, Dorset, England](#)

Mary E. Lewis

[Pre-Columbian Andean sickness ideology and the social experience of leishmaniasis: A contextualized analysis of bioarchaeological and paleopathological data from San Pedro de Atacama, Chile](#)

Sara J. Marsteller, Christina Torres-Rouff, Kelly J. Knudson

[Survival against the odds: Modeling the social implications of care provision to seriously disabled individuals](#)

Lorna Tilley, Marc F. Oxenham

[Articular depressions in domestic cattle phalanges and their archaeological relevance](#)

Richard Thomas, Niels Johannsen

[Bilateral talipes equinovarus from Tikal, Guatemala](#)

Lori E. Wright

[Congenital aural atresia in an adult female from Apollonia Pontica, Bulgaria](#)

Anne Keenleyside

[A demographic analysis of Maiden Castle hillfort: Evidence for conflict in the late Iron Age and early Roman period](#)

Rebecca C. Redfern, Andrew T. Chamberlain

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- [Subscribe to the journal](#)

Visit the [journal homepage](#) to find out more and [register your interest](#) in the new journal today!

PUBLICATIONS

Many thanks to James Greig for the following information:

Please send information to jimi.gee@virgin.net

ARTICLES

N. Alonso, R. Buxó and N. Rovira (2007) Recherches sur l'alimentation végétale et l'agriculture du site de Lattes-Port Ariane: étude des semences et fruits. *Lattara* 20: 219-249

F. Antolin and R. Buxó (2011) Proposal for the systematic description and taphonomic study of carbonised cereal grain assemblages: a case study of an early Neolithic funerary context in the cave of Can Sadurni, (Begues, Barcelona province, Spain). *Vegetation History and Archaeobotany* 20(1): 53-66

H-J. Beug (2011) Vegetation changes during the Slavic period, shown by a high resolution pollen diagram from the Maujahn peat bog near Dannenberg, Hanover Wendland, Germany. *Vegetation History and Archaeobotany* 20(3): 199-206

K. Borojevic (2011) Interpreting, dating and re-evaluating the botanical assemblage from tell Kedesh: a case study of historical contamination. *Journal of Archaeological Science* 38(4): 829-842

K. Britton and J. Huntley (2011) New evidence for the consumption of barley at Romano-British military and civilian sites, from the analysis of cereal bran fragments in faecal material. *Vegetation History and Archaeobotany* 20(1): 41-52

C. Brun (2009) Biodiversity changes in highly anthropogenic environments (cultivated and ruderal) from the Neolithic to present day in the eastern part of France. *The Holocene* 19: 861-871

C. Brun (2011) Anthropogenic indicators in pollen diagrams in eastern France: a critical review. *Vegetation History and Archaeobotany* 20(2): 135-142

P.I. Buckland, E. Eriksson, J. Linderholm, et al. (2011) Integrating human dimensions of Arctic palaeoenvironmental science: SEAD - the strategic environmental archaeology database. *Journal of Archaeological Science* 38(2): 345-351

J. Conolly, S. Colledge, K. Dobney, et al. (2011) Meta-analysis of zoological data from SW Asia and SE Europe provide insight into the origins and spread of animal husbandry. *Journal of Archaeological Science* 38(3): 538-545

R. De Jong and P. Lagerås (2011) Exploring the patterns and causes of land use changes in south-west Sweden. *Vegetation History and Archaeobotany* 20(1): 15-27

D. Druce (2007) Charred plant remains. *Proceedings of the Cambridge Antiquarian Society* 96: 101-105 (in L. Webley, Prehistoric Roman and Saxon activity on the fen hinterland at Parnwell, Peterborough, pp 79-114 of above)

E. Fischer, M. Rösch, K. Schatz, et al. (2010) Rinder, Körner, Schweinespeck - Landnutzung und Ernährung in der Eisenzeit [Cattle, grain, bacon – land use and food in the Iron Age, in German]. *Archäologie in Deutschland* 5/2010: 34-37

B.R. Geary, D.J. Charman and M. Kent (2007a) Palaeoecological evidence for the prehistoric settlement of Bodmin Moor, Cornwall, southwest England. Part 1, the status of woodland and early human impacts. *Journal of Archaeological Science* 27: 423-438

B.R. Geary, D.J. Charman and M. Kent (2007b) Palaeoecological evidence for the prehistoric settlement of Bodmin Moor, Cornwall, southwest England. Part 2, land use changes from the Neolithic to the present. *Journal of Archaeological Science* 27: 493-508

G. Gustavsson, G. Lehmdahl and M.J. Gaillard (2009) Abrupt forest ecosystem change in SW Sweden during the late Holocene. *The Holocene* 19: 691-702

S. Kacki, L. Rahalison, M. Rajerison, et al. (2011) Black Death in the rural cemetery of Saint-Laurent de la Cabresse, Aude-Languedoc, southern France: immunological evidence. *Journal of Archaeological Science* 38(3): 581-587

A. Livarda (2011) Spicing up life: exotic food imports in the Roman and medieval world. *Vegetation History and Archaeobotany* 20(2): 143-164

E. Marinova and J. Atanassova (2006) Anthropogenic impact on vegetation and environment during the Bronze Age in the area of Lake Durankulak, NE Bulgaria: pollen, microscopic charcoal, non-pollen palynomorphs and plant macrofossils. *Review of Palaeobotany and Palynology* 141: 165-178

P. Rasmussen (2005) Mid to late Holocene land use change and lake development at Dallund Sø, Denmark: vegetation and land use history inferred from pollen data. *The Holocene* 15: 1116-1129

L.M. Reynard, G.M. Henderson and R.E.M. Hedges (2011) Calcium isotopes in archaeological bones and their relationship to dairy consumption. *Journal of Archaeological Science* 38(3): 657-664

S. Riehl, K.E. Pustovoytov, S. Hotchkiss, et al. (2009) Local Holocene environmental indicators in upper Mesopotamia: pedogenic carbonate record vs archaeobotanical data and archaeoclimatic models. *Quaternary International* 209: 154-162

F. Rivals, A. Gardeisen and J. Cantuel (2011) Domestic and wild ungulate dietary traits at Kouphovouno, Sparta, Greece: implications for livestock management and paleoenvironment in the Neolithic. *Journal of Archaeological Science* 38(1): 528-537

J.E. Schofield and K.J. Edwards (2011) Grazing impacts and woodland management in Eriksfjord: *Betula*, coprophilous fungi and the Norse settlement of Greenland. *Vegetation History and Archaeobotany* 30(3): 181-197

T. Tolar, S. Jacomet, A. Velušček, et al. (2011) Plant economy at a late Neolithic lake dwelling site in Slovenia at the time of the Alpine Iceman. *Vegetation History and Archaeobotany* 20(3): 207-222

S. Tonkov, H.J. Beug, E. Bozilova, et al. (2011) Palaeoecological studies at the Kaliakra area, northeastern Bulgarian Black Sea coast: 6000 years of natural and anthropogenic change. *Vegetation History and Archaeobotany* 20(1): 29-40

V. Yanko-Hombach, A. Gilbert and P. Dolukhanov (2007) Controversy over the great flood hypothesis in the Black Sea in light of geological, palaeontological and archaeological evidence. *Quaternary International* 167/168: 91-113

CHAPTERS

A. Alsleben (2007) Food consumption in the Hanseatic towns of Germany. In S. Karg (ed.), *Medieval food traditions in northern Europe*. (Studies in Archaeology and History 12) Nationalmuseet, Copenhagen pp. 13-37.

J. Greig (2011) Prehistoric limewoods of Herefordshire: pollen and seeds from Wellington Quarry. In R. Jackson and H. Dalwood (eds.), *Wellington Quarry, Herefordshire (1986-96) Investigations of a landscape in the lower Lugg valley*. Oxbow, Oxford, Oakville pp. 34-43.

A. Hall and H. Kenward (2011) Plant and invertebrate indicators of leather production. In R. Thomson and Q. Mould (eds.), *Leather tanneries: the archaeological evidence*. Archetype, London pp. 9-32.

H. Kenward, A. Hall, E. Allison, et al. (2011) Environment, activity and living conditions at Deer Park Farms: evidence from plant and invertebrate remains. In C. J. Lynn and J. A. McDowell (eds.), *Excavation of a raised rath at Deer Park Farms, Glenarm, Co. Antrim*. Northern Ireland Archaeological Monographa, p. chapter 28.

M. Latałowa, M. Badura, J. Jarosińska, et al. (2007) Useful plants in medieval and post-medieval archaeobotanical material from the Hanseatic towns of northern Poland (Kolobrzeg, Gdańsk and Elbląg). In S. Karg (ed.), *Medieval food traditions in northern Europe*. (Studies in Archaeology and History 12) Nationalmuseet, Copenhagen pp. 39-72.

E. Pearson (2011) Environment. In R. Jackson and H. Dalwood (eds.), *Wellington Quarry, Herefordshire (1986-96) Investigations of a landscape in the lower Lugg valley*. Oxbow, Oxford, Oakville pp. 93-99, 139-143.

BOOKS

Z. Bochenski and T. Tomek (2009a) *A key to the identification of domestic bird bones in Europe: Galliformes and Columbiformes*. Institute of Systematics, Polish Academy of Sciences, Kraków, 111 pp. ISBN 978 83 61358 08 4 45.50

Z. Bochenski and T. Tomek (2009b) *A key to the identification of domestic bird bones in Europe: preliminary determination*. Institute of Systematics, Polish Academy of Sciences, Kraków, 109 pp. ISBN 978 83 61358 04 6 45.50

U. Emanuelsson (2009) *The rural landscape of Europe. How man has shaped European nature*. The Swedish Research Council Formas, Stockholm, 383 pp. ISBN 978-91-540-5977-5

**Registration AEA meeting 'Subsistence and surplus production'
VU University Amsterdam, 21-22 October 2011**

Name:			
Affiliation:			
Address:			
Email address:			
Special food requirements:			
	2 days	Friday	Saturday
Registration, AEA member*	..... 100 €	..... 70 €	..... 70 €
Registration, AEA student*	..... 80 €	..... 50 €	..... 50 €
Registration, non-member*	..... 120 €	..... 90 €	..... 90 €
Registration, student*	..... 100 €	..... 70 €	..... 70 €
Conference dinner on Saturday 22 October	..... x 42,50 €		
Excursion 1 (23 October), City walk and Hortus Botanicus Amsterdam	..... x 35 €		
Excursion 2 (23 October), Oostvaardersplassen	..... x 45 €		
Sum €		

*includes lunch, coffee and tea, welcome reception on Friday and abstract volume

Please email your completed form to AEA2011@let.vu.nl, or send it to:

Maike Groot
Department of Archaeology, Faculty of Arts
Vrije Universiteit Amsterdam
De Boelelaan 1105
1081 HV Amsterdam
The Netherlands

Bank transfer to:

IBAN: NL61INGB0755094743 (for transfers within the Netherlands, the account number is 755094743)

BIC/Swift Code: INGBNL2A

Account holder: M. Groot, Amstelveen

This account has solely been installed for the purpose of the conference fees. It is therefore not necessary to state any payment purposes on the bank transfer form. **However, please indicate your full name in the reference field when making your payment, or we will not know who the payment is from.**

Payment is expected before June 30 at the latest, after this date the registration fee is increased with 20 euros. Avoid paying a higher fee by transferring the registration fee at the same time as sending in your form!

AEA CONFERENCE FUND

Name:

Address:

E-mail:

Occupation:

Date when you joined the AEA:

Conference title and location:

Dates:

I am presenting a Paper/ Poster (please delete as appropriate) entitled:

Please provide full breakdown of costs

Registration:	Cost:
Mode of transport (rail/air etc):	Cost:
Type of accommodation:	Cost:
Meals included:	Cost:
Other (Please specify):	Cost:

Total Cost:

Have you attempted to obtain funding from other sources? Yes / No
If not, why not?

If yes, how much have you requested?
How much have you obtained?
If other applications are still pending, when do you expect to hear the outcome?

How much do you request from the AEA:

I certify that the information I have given is true.

Signature:

Postgraduate applicants should include a letter of support from their supervisor.

Please return to:
Dr Rebecca Nicholson
Oxford Archaeology South,
Janus House,
Osney Mead,
OXFORD OX2 0ES.
UK

Deadline: **30th June.**