

# Quaternary Research Association

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CIRCULAR

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This Circular is also available at:

<http://www.qra.org.uk>

## 1. SUBSCRIPTIONS AND MEMBERSHIP INFORMATION

Members are reminded that **subscriptions are due on January 1<sup>st</sup>**. Please pay promptly by EITHER a STANDING ORDER before this date OR SENDING YOUR CHEQUE punctually. In this way you are reducing the number of reminders and therefore postage costs. Overseas members who have difficulty paying by cheque or standing order can pay by visa (see website for details).

The subscription rates for QRA membership are as follows:

<b>Ordinary Members</b>	<b>£20</b>
<b>Student, retired and unwaged members</b>	<b>£10</b>
<b>Institutions</b>	<b>£35</b>

Dr Rick Shakesby, Department of Geography, University of Wales Swansea, Singleton Park, Swansea, SA2 8PP, Email: R.A.Shakesby@swansea.ac.uk.

Membership of the Association will be terminated for non-payment of subscriptions.

The Membership List of the Association is available on the password-protected members' area of the website (contact the Publicity Officer [jason.jordan@cov.ac.uk](mailto:jason.jordan@cov.ac.uk) for password details). In order to maintain an up-to-date list of members' addresses and emails please advise the Secretary ([s.lewis@qmul.ac.uk](mailto:s.lewis@qmul.ac.uk)) of any changes in your contact details. Currently half the membership is on the email contact list, if you would like to be added to that list please inform the Publicity Officer. The email list is used for important information only, you will not receive large quantities of unwanted email from the QRA.

## 2. NEW MEMBERS OF THE QRA EXECUTIVE COMMITTEE

Following the elections at the Annual General Meeting, we welcome new members of the Executive Committee.

**Vice-President (from 2008):**                      **Professor Barbara Maher (Lancaster)**

Professor Peter Coxon will serve a fourth year as Vice President, Professor Maher will take up the office for a three-year period commencing in 2008.

**Conservation Officer:**                      **Dr Martin Bates (Lampeter)**

**Ordinary member:**                      **Dr Jonathan Lee (British Geological Survey)**

## 3. ADVANCED NOTICE OF THE 2008 ANNUAL GENERAL MEETING OF THE QUATERNARY RESEARCH ASSOCIATION

Following the adoption of the amendments to the Constitution of the Quaternary Research Association at the 2007 Annual General Meeting (see below), future AGMs will be held in January each year during the Annual Discussion Meeting. The 2008 Annual General Meeting of the Association will therefore be held during the Annual Discussion Meeting at the Royal Geographical Society, Kensington Gore, London between 8<sup>th</sup>-10<sup>th</sup> January 2008. Details of the discussion meeting appear in this Circular, details of the AGM will appear in the October Circular. The AGM of the Joint Association for Quaternary Research will also be held at this time.

## **4. MINUTES OF THE 42<sup>nd</sup> ANNUAL GENERAL MEETING OF THE QUATERNARY RESEARCH ASSOCIATION**

**Minutes of the 42<sup>nd</sup> Annual General Meeting of the Quaternary Research Association held at 8.40pm at the Castle of Brecon Hotel, Brecon.**

The President, Professor John Lowe was in the chair, 32 members of the Association attended the meeting.

### **1. Welcome**

The president opened proceedings by welcoming everyone to the meeting and gave a brief explanation of the purpose of the AGM, which is to report on the Association's activities, to consult on new developments and any changes to the Association and its affairs, and to receive comments and views from members.

The President then reported the sad deaths of two members of the Association during the past year; Sybil Watson died on 1st April 2007 and David Keen who died on 16<sup>th</sup> April 2006, both of whom were honorary members of the Association. A moment of silence was observed.

### **2. Apologies**

Apologies were received from David Anderson, Becky Briant, Chris Caseldine, Neil Glasser, Jen Heathcote, Jonathan Lee

### **3. Changes to the Agenda for the meeting**

The President asked that the members allowed some changes to the agenda for the meeting, in order that important items of business could be debated in logical order. In particular two key items of business required discussion: (1) the proposal to change the timing of the Annual General Meeting and (2) the constitutional changes that are necessitated by this change. The proposal to re-schedule the timing of the AGM from its current time in April during the Annual Field Meeting to January each year, to coincide with the Annual Discussion Meeting. was put to the vote and agreed unanimously. The constitutional changes were discussed later in the meeting (see below).

### **4. Minutes of the 41<sup>st</sup> Annual General Meeting**

The minutes of the 41<sup>st</sup> Annual General Meeting of the Quaternary Research Association, held at the Bath Arms Hotel, Cheddar and published in the June 2006 Circular were accepted as a true record of that meeting and signed by the President.

### **5. Matters arising**

There were no matters arising.

### **6. Changes to the Constitution of the Quaternary Research Association**

As a consequence of the vote to change the timing of the Annual General Meeting from April to January, a number of constitutional changes are required. A number of other constitutional changes were proposed to better reflect the present activities and needs of the Association. A paper detailing the proposed changes to the Constitution of the Association had been circulated to members on 22<sup>nd</sup> and 23<sup>rd</sup> April, along with a draft revised constitution. Comments on these papers were invited from the floor. A number of points were raised; making the use of will and/or shall consistently throughout the document; and how the proposed changes might affect our relations with external organisations; the impact on activities of the JAQR - in particular the timing of its AGM. None of these were considered to be insurmountable obstacles to the proposals.

The President asked the members to vote on the changes to the constitution of the Quaternary Research Association, which were formally proposed by Jim Rose and seconded by Simon Carr. The proposals were agreed unanimously by the members present.

## **7. Transition arrangements**

Following the agreement to revise the constitution (item 6 above) arrangements for the transition to the new provisions had become necessary. These transition arrangements relate to (1) the terms of office of Executive Committee members and (2) financial reporting. A series of transition arrangements were proffered and were accepted unanimously.

## **8. President's Business**

### **(i) Honorary Members of the Quaternary Research Association**

The President announced two nominations for honorary membership of the Quaternary Research Association: Professor Geoffrey Boulton and Professor Mike Walker, both of whom have made outstanding contributions to the Quaternary science community and to the work of the Association. These nominations were agreed unanimously.

### **(ii) INQUA 2011 update**

The President announced that the UK would be bidding to host the INQUA 2011 Congress in Edinburgh. The bid is a joint bid between the Quaternary associations of the UK, Ireland, Denmark, Norway and Iceland and represents an important opportunity for the QRA to be involved in hosting INQUA and to develop links with other Quaternary organisations.

### **(iii) Income from Wiley**

The income from John Wiley and Sons from sales of the Journal of Quaternary Science for this year is £29,536, which represents a significant increase on income generated in previous years. This reflects well on the continuing success of the journal and may be expected to increase in the future through the combined impacts of currency fluctuations, the takeover by Wiley of Blackwell publishers and increased market penetration into North America. This income provides significant support to the Association's activities and careful consideration needs to be given to its disposal in accord with the charitable status of the QRA.

Wiley income was used to increase significantly the support for QRA members to attend the forthcoming INQUA Congress in Cairns, though with 78 applications, only half of these could be supported. One possible future use for the augmented Wiley income is to increase the level of support for INQUA attendance by allocating a proportion of the income each year to build a fund for use in the Congress years.

Comments were invited from the floor concerning the use of Wiley income. It was noted that priority should be given to supporting younger scientists (postgraduates, undergraduates) and that providing funds to fulfil the objective of dissemination to a wider audience (outreach) should also be considered. Improving support for amateur Quaternary scientists within the QRA was also suggested. A proposal to instigate a QRA-funded Quaternary monographs series did not receive support.

The President thanked members for their suggestions, which would be given further consideration by the Executive Committee at its future meetings.

## **9. Annual Report of the Secretary**

### **1. Membership**

As of 17<sup>th</sup> April 2007: Total membership stands at **982**; a net decrease on the year of 43 members.

Category	15/04/04	21/03/05	29/3/06	29/3/07	Change (06-07)
Members	<b>926</b>	<b>918</b>	<b>1025</b>	<b>982</b>	<b>-43</b>
<i>Ordinary</i>	600	583	599	562	-37
<i>Postgraduate</i>	220	204	231	223	-8
<i>Unwaged/Retired</i>	106	131	126	131	+5
Honorary members	<b>17</b>	<b>18</b>	<b>15</b>	<b>16</b>	<b>+1</b>
Institutional members*	<b>43</b>	<b>41</b>	<b>40</b>	<b>36</b>	<b>-4</b>
Corresponding members	<b>15</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>-0</b>
<b>Total Membership</b>	<b>1001</b>	<b>991</b>	<b>1025</b>	<b>982</b>	<b>-43</b>

\*Includes copyright member

## 2. Meetings

Three QRA meetings were run in 2006/7. The Executive would like to thank the various meetings organisers, those who supported the meetings through their participation, and those who reported in *QN* for the information of the wider membership.

- i) **Annual Field Meeting: The Quaternary of Somerset**, 2<sup>nd</sup> - 8<sup>th</sup> April 2006  
Organisers: Simon Haslett, Chris Hunt  
Report: Emma Tetlow, Lynda Howard, Lynda Yorke, Paul Rae, *Quaternary Newsletter*, 109, 27-35
- (ii) **Short Field Meeting: The Quaternary of the Isles of Scilly**, 9<sup>th</sup> – 13<sup>th</sup> May 2006  
Organiser: James Scourse  
Report: Colin Whiteman, *Quaternary Newsletter*, 110, 18-25.
- (iv) **Eleventh Annual Postgraduate QRA Symposium**, 29<sup>th</sup> Aug - 1<sup>st</sup> Sept 2006  
Organisers: Huw Jones, Bronwen Whitney and Michael Burn  
Venue: University of Edinburgh  
Report: Lynda Yorke, Lynda Howard, *Quaternary Newsletter*, 111, 60-64.
- (v) **Annual Discussion Meeting: The growth, maximum extent and deglaciation of the Last British and Irish Ice Sheets**, 4-5<sup>th</sup> January 2007  
Organisers: Bill Austin, Collin Ballantyne, Doug Benn, David Evans, Danny McCarroll, James Scourse  
Venue: University of St Andrews  
Report: Forthcoming in *Quaternary Newsletter*

Meetings are a vital part of the QRA's range of activities and depend entirely on the membership for their success. Suggestions for potential field meeting venues and topics for the Annual Discussion Meeting are always welcome, as are offers to organise these meetings.

## 3. Publications

*Quaternary Newsletter*: 3 issues: 109 (June 2006), 110 (October 2006) and 111 (February 2007).  
Editor: Dr Tim Mighall, Coventry University.

*Journal of Quaternary Science*: Volume 21, 8 issues (for 2006).

Six normal and 2 special issues were published in 2006, containing a total of 67 research papers. The special issues were:

**Vol 21 (5)** *The Palaeolithic occupation of Europe: In memory of John J. Wymer, 1928-2006*. Guest Editors: Simon Lewis and Nick Ashton.

**Vol 21 (7)** *Integrating High-resolution past climate records for future prediction in the Australasian region.* Guest Editors: Chris Turney, Peter Kershaw, Amanda Lynch.

On behalf of the QRA, I would like to thank the editor, Professor Chris Caseldine, and the members of the Executive Editorial Board and Editorial Advisory Board for their work to maintain *JQS* as one of the major international Quaternary science journals. In addition I would like to thank the staff at Wiley who work very hard to maintain a high production standard for the journal. The international reputation and income of the QRA are both enhanced by the journal and it continues to be one of the flagship activities of the Association.

*JQS* continues to provide a vital and increasing income line for the QRA, enabling the Association to support a range of research activities through its various awards schemes. Subscription income is increasingly determined by on-line access agreements and it is therefore important that the journal forms part of subscription packages of institutional libraries and that on-line usage of the journal continues to increase. Revenue from the contract with Wiley is also used to further the objectives of the QRA through the **John Wiley Lecture** at the Annual Discussion Meeting. The John Wiley Lecture for 2007, entitled "Pleistocene Glaciations of the North Sea", was delivered by Professor Hans Petter Sejrup (University of Bergen).

On behalf of the QRA, I would like to thank James Scourse who hands over the Assistant Editorship to Antony Long. James has made a significant contribution to the development of the journal over the last ten years as both Assistant Editor and Editor (2000-2005).

**QRA Field Guides:** Two field guides were published in 2006 to accompany QRA field meetings:

*The Quaternary of Somerset* (2006), (Hunt and Haslett)

*The Quaternary of the Isles of Scilly* (Scourse)

**QRA Technical Guides:** No new technical Guides were published in 2006. TG 10: *The Identification and Use of Palaeartic Chironomidae Larvae in Palaeoecology* (Brooks, Langdon & Heiri) has been published in 2007.

The publication of field and technical guides continues to form an important part of the Association's activities and play a major role in raising the profile of the QRA and promoting Quaternary science research. Suggestions for topics for new technical guides or localities for field meetings and accompanying guide books and volunteers to write/edit them are most welcome.

See the Publications Secretary's report for further details.

#### **4. QRA Awards**

During the financial year to end December 2006, £6540 was disbursed by the QRA to 26 members under its various Awards schemes.

Total awards made, compared with monies requested, ran at about **65%** (compared with 63% for 2005). It is hoped that this figure can be increased in 2007.

<b>Fund</b>	<b>No. of applications</b>		<b>No. funded</b>	<b>Total monies requested (£)</b>	<b>Total monies awarded (£)</b>
<b>NRWA</b>	Jan	6	6	2540	1500
	May	4	3	1520	950
	Sept	2	2	1295	1000
	<b>Total</b>	<b>12</b>	<b>11</b>	<b>5355</b>	<b>3450</b>
<b>QCF</b>	Jan	3	3	800	540
	May	5	5	1200	870
	Sept	1	1	254	250
	<b>Total</b>	<b>9</b>	<b>9</b>	<b>2254</b>	<b>1660</b>
<b>QRF</b>	Jan	3	2	1294	600
	May	2	2	932	700
	Sept	–	–	–	–
	<b>Total</b>	<b>5</b>	<b>4</b>	<b>2226</b>	<b>1300</b>
<b>Subtotal</b>	<b>26</b>		<b>24</b>	<b>9835</b>	<b>6410</b>
<b>ADM 07</b>	2		1	550	130
<b>AFM 06</b>	–		–	–	–
<b>OSL 06</b>	1		1	–	–
<b>Bishop</b>	–		–	–	–
<b>Penny</b>	–		–	–	–
<b>Total</b>	<b>29</b>		<b>26</b>	<b>10385</b>	<b>6540</b>

It is disappointing to note that there were no applications for the 2006 Bill Bishop Award or nominations for the 2007 Lewis Penny Medal. The QRA recently took on the administration of the Bill Bishop Award, the remit of which is to support an MPhil/PhD student undertaking research on either Cenozoic stratigraphy, palaeoenvironments and chronology in relation to hominid evolution or British Quaternary stratigraphy, palaeoenvironments and geomorphology. The award is of the order of £800. The Lewis Penny Medal, inaugurated in 2004, is awarded to a young/new research worker, who has made a significant contribution to the Quaternary Stratigraphy of the British Isles and its maritime environment. Applications by postgraduates to attend QRA meetings were also light once again this year.

Full details of all QRA awards are available on the QRA website and published in the Circular.

### **INQUA travel fund**

The QRA received an unprecedented number of applications for support to attend the INQUA Congress in Cairns this year – 78 in total, of which 73 were eligible for consideration. Given the costs of travelling to Australia and the heavy demand, the Executive Committee released additional monies to augment the funds previously allocated for this purpose (£14k from QRA funds, plus £7.4k from the Royal Society-maintained fund). Despite this, however, it was not possible to fund more than 36 applicants (ca. 50%) across the membership, while maintaining a reasonable level of award. A detailed statement as to how the applications were ranked is given on the QRA website.

This unprecedented level of interest from QRA members reflects well upon the vibrancy and strength of the UK Quaternary community, which has also been noted by the INQUA Congress organisers. The Executive Committee regrets that it was not able to support a higher number of the very worthy cases for support that it received. The Committee will be reviewing the overall level of support and the selection criteria in order to provide support for a larger number of QRA delegates attending future Congresses.

## 5. Research Groups

This scheme is designed to provide a small quantity of start-up funding over a three year period for specialist Quaternary research groups, with the aim to bring research communities together, foster communication and provide an opportunity for new research projects to be formulated. The scheme has launched a number of significant research collaborations and new proposals are invited at any time. Ideas and proposals for new research groups may be discussed with the Secretary. These will be put to the membership at an Annual General Meeting. The QRA currently supports two research groups:

**QUAVER (Quaternary Vertebrate Research Group):** established in 2005 with the aim of improving communication between Quaternary vertebrate researchers through regular meetings, a website and a web-based mailing list. The 2007 QUAVER meeting was attended by some 45 people. The organiser is Dr Hannah O'Regan (Liverpool John Moores). <http://cwis.livjm.ac.uk/RCEAP/85952.htm>

**IBiS (Isotopes and Biogenic Silica Research Group):** Established in 2006, its aims include promotion of the study of all forms of biogenic silica and their role in biogeochemical cycling at ecosystem to global scales, advancement of the techniques for the study of biogenic silica, widening access to existing equipment, knowledge and expertise, promotion of interdisciplinary collaboration by identifying foci for future research initiatives and establishing a forum for the exchange of ideas and information. The convenor is Prof. F. Alayne Street-Perrott (University of Wales Swansea). <http://www.bgs.ac.uk/ibis/home.html>

## 6. Joint Association for Quaternary Research

The JAQR maintains the link between the QRA and the Geological Society, principally by the work of the JAQR Chair, John Catt. The main activities of JAQR continue to be meetings (see programme) and contact with the Geological Society at the Standing Science Committee of the Geological Society. Publicity for the QRA activities continues to be obtained through the Geological Society website. 2007 is the bi-centenary of the Geological Society and as part of its celebrations an international conference is taking place in September in London. John Catt has been heavily involved on behalf of the JAQR and QRA in the organisation of a session on Quaternary Science, which has an impressive list of speakers on a wide range of topics. On behalf of the QRA, I would like to thank John Catt, who stands down as JAQR chair, for his hard work in this role to maintain strong links between the Quaternary community and the Geological Society.

## 7. Executive Committee

Two members of the Executive committee complete their terms of office in April 2007 and, on behalf of the Executive Committee, I would like to thank Jen Heathcote (Membership Secretary) and Neil Glasser (Conservation Officer) for their contribution to the work of the QRA. We also welcomed a new postgraduate member of the Executive Committee in September, Christine Lane (University of Oxford), who replaced Lynda Yorke and will represent the QRA postgraduate community for the next two years.

## 8. Postgraduate activities

Postgraduate activities continue to flourish within the Association. The success of the annual postgraduate symposium continues, with over 30 participants at the 2006 symposium held at the University of Edinburgh. Postgraduates are represented on the Executive Committee and their contribution on behalf of the postgraduate community is most welcome. **John Wiley and Sons** have instituted an award for the best presentation at the postgraduate symposium. This went to Barnaby Crocker (RHUL) for his presentation on feeding preference in the woolly rhinoceros (see *Quaternary Newsletter*, 111, 65 for details).

## 9. Outreach

As a registered charity we take our responsibility to the wider science community and the public in general, seriously. Many of our activities (meetings, publications, web site etc.) are already widely publicised and available to this broader community. In addition, individual QRA members support this function in many ways through public and schools lectures, conferences and publications. We also support education through partnerships with statutory conservation agencies. Outreach activities will be of particular importance during 2008, which is the UNESCO International Year of Planet Earth (IYPE). A number of QRA activities have been formally linked to IYPE. As part of its outreach activities the QRA sponsors an Undergraduate Dissertation Prize, aimed at encouraging undergraduates to produce dissertations on a Quaternary topic of the highest standard. 2006 saw only three dissertations submitted for consideration and no prize was awarded this year. Information for the 2007 prize was circulated on the QRA email list in March and can be found on the website.

## 10. Publicity

The web site continues to be the most important resource for QRA publicity and we are increasingly reliant on it to provide information for QRA members. Resources on the site include employment/research opportunities and full details and forms for all meetings and awards. There is also a page for non-QRA meetings to which members are invited to submit details. A password-protected members' area holds the membership list. The email list of members is held by the Publicity Officer and is now used to provide notices and additional information to the membership but the list is still incomplete with around 50% of members included on the email list. We continue to encourage members to register email contact details.

## 11. Future Activities

A calendar for 2007 and 2008 is on the website ([www.qra.org.uk](http://www.qra.org.uk)) and in the Circular.

### (a) Field Meetings:

#### **Annual Field Meeting: April 2008: North of Ireland**

Organisers: Nicki Whitehouse, Helen Roe, Steve McCarron, Chris Hunt  
To be discussed at the AGM

#### **Short Field Meeting: 1<sup>st</sup> 3<sup>rd</sup> May 2007: Trent Valley**

Organisers: Andy Howard, David Bridgland, Mark White, Tom White

#### **Short Field Meeting: 9<sup>th</sup>-12<sup>th</sup> September 2007: Northern East Anglia**

Organisers: Jonathan Lee, Ian Candy, Anna Harrison

### (b) Discussion Meetings:

Annual Discussion Meeting, 8-10 January 2008

Quaternary of the British Isles and adjoining seas

Organisers: Jim Rose, David Bridgland, Dan Charman, Pete Coxon, Mark Maslin, Danny McCarroll, Jon Merritt, Catherine Souch, John Lowe

Venue: Royal Geographical Society, London

#### **12<sup>th</sup> Annual QRA Postgraduate Symposium,**

Organisers: Mikkel Ulfeldt Hede, Jesper Olsen

Venue: University of Copenhagen, Denmark

### (c) Other co-sponsored meetings

**In the Footsteps of Martin Te Punga.** A JAQR sponsored meeting and contribution to the Geological Society Bi-Centenary Celebrations. **23<sup>rd</sup> - 27<sup>th</sup> June 2007**

Organiser: Peter Worsley

Venue: a traverse of southern Britain from Kent to Dartmoor

**Geological Society Bi-Centennial Conference** incorporating a Quaternary Session co-organised by the Joint Association for Quaternary Research. **10<sup>th</sup> - 12<sup>th</sup> September 2007**

Organiser: Geological Society

Venue: Queen Elizabeth II Conference Centre, London

**Group Manche: Cenozoic History of the Channel.** A symposium of the 11<sup>th</sup> Congrès Français de Sédimentologie. **21<sup>st</sup> – 27<sup>th</sup> October 2007**

Organisers: Philip Gibbard (Cambridge) and Jean-Pierre Lautridou (Caen)

Venue: Caen, France

**(d) Planned Publications for 2007**

*Quaternary Newsletter* (3 issues)

*Journal of Quaternary Science* (volume 22, 8 issues).

Field Guides: To accompany field meetings as arranged.

Technical Guides: at least one technical guide is close to completion and may be published in 2007.

Simon Lewis

Secretary

The non-award of the Lewis Penny Medal was commented on and it was suggested that this important award should be publicised more widely to ensure that nominations were forthcoming in future years.

**10. Annual Report of the Treasurer**

**Treasurer's Report for January 1 – December 31, 2006**

**1. Overview**

The results for the year show a surplus on Unrestricted Income and Expenditure of c £5.6k compared with a deficit of c. £3.8k in 2005. This surplus is helping to fund an impressive number of delegates attending the INQUA congress in Cairns, Australia this summer. There are two large changes set to affect the finances of the Quaternary Research Association in the current year. First, the excellent news for the Association is that royalties from Wiley in respect of the *Journal of Quaternary Science* will increase this year substantially from the typical amount of £17-19k in recent years to £29.5k for 2007 and similar amounts can be expected each year from now on. Second, in response to concerns about the relatively small number of members who attend the AGM during the Annual Field Meetings compared with the much large number who attend the Annual Discussion Meeting held in January each year at different venues, the Executive Committee has decided to switch the AGM from the former to the latter. This will necessitate altering the accounting period from January-December to August-July, which will take effect from this year. Consequently, in 2007 there will be a 'one-off' 7-month interim accounting period January-July 2007. The accounts for this period will be presented at the next Annual Discussion Meeting in January 2008.

The Association has net monetary assets of £72950.84, of which £15.3k is ring-fenced (Bill Bishop Memorial Trust), £5k is kept to finance the Lewis Penny Medal award and c. £15.7k kept in a separate deposit account to ensure that the Association has sufficient funds to meet any commitments should a major setback occur. Thus for the present our funds are sound and the Executive Committee is well able to continue to support Quaternary research and Quaternary outreach.

## **2. Income**

- (a) *Membership.* Subscription income has increased by c. £700 since last year, as a result in large part of reminding people to pay the correct subscription amount.
- (b) *Royalties.* Income from the Journal of Quaternary Science royalties increased by c. £1700 from 2005, probably mainly as a result of fluctuations in the \$/£ exchange rate, royalties being paid in dollars. Negotiations with Wiley carried out during 2005 led to an agreement for a considerable increase in royalties beginning this year. As noted in 1, the sum is £29.5k for this year, which will enable the QRA to fund new activities.
- (c) *Donations.* Members will be pleased to learn of donations amounting to £254 during 2006.

## **3. Expenditure**

Total Running Expenditure for 2006 was approximately £500 higher than in 2005. This is explained by a steady increase in costs such as printing and postage. On the other hand, costs pertaining to attendance at Executive Committee meetings were considerably less than in 2005, as a result of less costly travel to the venues. The surplus of income over expenditure during 2006 can be explained in part by (a) the lack of the anticipated large expenditure on the printing costs for a number of QRA guides, which did not actually reach the publication stage in the accounting period, and (b) a relatively small number of applicants for the various research fund categories.

## **4. Reserve fund**

The QRA has a reserve fund in a separate interest-earning deposit account with funds of some £15700, which in the normal turn of events will remain untouched. The Charity Commission requires that each charity should have reserve funds commensurate with their perceived need. The amount and its need have been considered in the past. The Executive Committee considers that the Reserve Fund is needed to cover costs, for example, arising from unexpected eventualities such as the late cancellation of a field meeting (as happened during the Foot and Mouth outbreak a few years ago, although fortunately no costs were incurred on that occasion). The fund could conceivably also be needed to cover the bulk of running costs in the event of income from royalties falling considerably or even ceasing in any year. In this eventuality, the QRA's commitments could be covered in that year giving time to take steps to bring the QRA's finances back onto a sound financial basis.

## **5. Lewis Penny Medal and Bill Bishop Memorial Trust**

The LPM award scheme in 2006 was in its third year of operation. There were no nominations during 2006 for either award.

## **6. Auditing**

Prof. Danny McCarroll (*Member Examiner*) and Mr Tim Fearnside (*External Examiner*) have scrutinised and approved the accounts for 2006.

Dr Rick Shakesby  
Treasurer

The Treasurer's report was accepted. It was noted that running costs exceed running income and it was suggested that the Executive Committee should monitor this situation. In response to a question from the floor the Treasurer noted that an assets and liabilities sheet would be appended to his report for publication in the Circular.

QUATERNARY RESEARCH ASSOCIATION (Registered Charity No. 262124)

SUMMARY OF ANNUAL ACCOUNTS: 1 January - 31 December 2006

			INCOME (2006)				
2005	2005	2005		2006	2006	2006	
Unrestricted	Restricted	Total		Unrestricted	Restricted	Total	
£		£		£		£	
13241.20		13241.20	Subscriptions	13921.66		13921.66	
<b>13241.20</b>		<b>13241.20</b>	<b>Total Running Income</b>	<b>13921.66</b>		<b>13921.66</b>	
7047.39		7047.39	Sales	5618.15		5618.15	
<b>7047.39</b>		<b>7047.39</b>	<b>Total Publications Income</b>	<b>5618.15</b>		<b>5618.15</b>	
680.85		680.85	Surplus on Meetings	500.00		500.00	(Glasgow meeting)
1042.98		1042.98	Interest Received on Bank Accounts	1077.02		1077.02	
3182.00		3182.00	Royal Society: INQUA Subscription Support	2972.00		2972.00	
0.00		0.00	Royal Society: support for delegates to INQUA Conf	0.00		0.00	
17056.35		17056.35	Publisher's Royalties Received	18749.60		18749.60	
			Meetings receipts: Quaternary Research Assoc				
0.00		0.00	Meetings receipts: Euromam	0.00		0.00	
22.50		22.50	Returned grants	350.00		350.00	
115.44		115.44	Donations	253.59		253.59	
	0.00	0.00	Bill Bishop Memorial Fund		0.00		
105.85		105.85	Other income	910.18		910.18	Closed All&Leic acct,publs,)
<b>22205.97</b>		<b>22205.97</b>	<b>Total Other Income</b>	<b>24812.39</b>		<b>24812.39</b>	
<b>42494.56</b>		<b>42494.56</b>	<b>Total Income</b>	<b>44352.20</b>		<b>44352.20</b>	
			EXPENDITURE (2005)				
13067.86		13067.86	Newsletters & Circulars	14307.14		14307.14	
3019.23		3019.23	Executive Committee Meetings	2128.98		2128.98	
73.40		73.40	Other Exec expenses	197.78		197.78	
630.00		630.00	Insurance	630.00		630.00	
			Bank Charges				
289.04		289.04	Web Site Costs	299.32		299.32	
<b>17079.53</b>		<b>17079.53</b>	<b>Total Running Expenditure</b>	<b>17563.22</b>		<b>17563.22</b>	
9016.65		9016.65	Printing	5622.90		5622.90	
16.23		16.23	Postage	0.00		0.00	
147.46		147.46	Bank charges	152.35		152.35	
0.00		0.00	Sub-Committee Expenses	0.00		0.00	
59.25		59.25	Stationery	25.85		25.85	
0.00		0.00	Miscellaneous	132.41		132.41	
0.00		0.00	Refunds	0.00		0.00	
<b>9239.59</b>		<b>9239.59</b>	<b>Total Publications Expenditure</b>	<b>5933.51</b>		<b>5933.51</b>	
122.55		122.55	Meetings expenditure	0.00		0.00	
220.00		220.00	Refund/Reimbursement	380.00		380.00	
4140.00		4140.00	Research Grants	3450.00		3450.00	
				NRWA			
2024.50		2024.50		QRF	1300.00	1300.00	
2420.00		2420.00		QCF	1980.00	1980.00	
166.14		166.14		QRA Conf Fund	130.00	130.00	
0.00		0.00	Delegates to INQUA	0.00		0.00	
100.00		100.00	Lewis Penny Award	0.00		0.00	
12.98		12.98	Lewis Penny Award (engraving)	0.00		0.00	
797.50		797.50	Bill Bishop Memorial Fund Award	0.00		0.00	
345.73		345.73	Postgraduate Conference cost	500.00		500.00	
6208.88		6208.88	INQUA subscription	6220.37		6220.37	
1000.00		1000.00	Euromam	0.00		0.00	
750.00		750.00	QUAVER	750.00		750.00	
1208.75		1208.75	IBIS	400.00		400.00	
440.85		440.85	Other expenditure	100.00		100.00	(Dissertation prize)
<b>19957.88</b>		<b>19957.88</b>	<b>Total Other Expenditure</b>	<b>15210.37</b>		<b>15210.37</b>	
<b>46277.00</b>		<b>46277.00</b>	<b>Total Expenditure</b>	<b>38707.10</b>		<b>38707.10</b>	
<b>-3782.44</b>		<b>-3782.44</b>	<b>NET SURPLUS(+)/DEFICIT(-)</b>	<b>5645.10</b>		<b>5645.10</b>	

QUATERNARY RESEARCH ASSOCIATION (Registered Charity No. 262124)

ASSETS AND LIABILITIES AT 31<sup>ST</sup> DECEMBER 2006

ASSETS

2005		2006
48912.98	Bank of Scotland Treasurer's Account	54072.94
523.17	Alliance & Leicester Account (closed)	0.00
2675.80	Bank of Scotland Publications Account	3160.94
15283.51	Halifax Treasurer's Account	15716.96
<b>67395.46</b>	<b>Total Monetary Assets</b>	<b>72950.84</b>
<b><u>67395.46</u></b>	<b><u>Total Assets</u></b>	<b><u>72950.84</u></b>

LIABILITIES

2119.23	Uncashed cheques (Treasurer)	0.00
<b><u>2119.23</u></b>	<b><u>Total Liabilities</u></b>	<b><u>0.00</u></b>
<b>50021.71</b>	<b>Total Net Assets – Unrestricted</b>	<b>57696.32</b>
<b>15254.52</b>	<b>Total Net Assets – Restricted</b>	<b>15254.52</b>
<b>65276.23</b>	<b>TOTAL NET ASSETS</b>	<b>72950.84</b>

Dr R A Shakesby  
Treasurer

Date

We have examined the books and records of the Quaternary Research Association and confirm that the above accounts are in accord with the figures above.

Prof D McCarroll  
Member Examiner

Date

10/4/07

Mr T Fearnside  
Independent Examiner

Date

12/04/2007

## 11. Annual Report of the Publications Secretary

### 1. Publication Activity 2006

#### 1.1 Field Guides 2006

Field Guide publication was reasonable in 2006. 2 guides were published this year, the *Isles of Scilly* (Scourse), and after some typesetting delays *Somerset* (Hunt & Haslett), which were associated with the 2005 field meetings.

#### 1.2 Field Guides 2007

The *Brecon Beacons* (Carr et al) field guide should be with you, but the *Trent Valley* (Howard & Bridgland) guide will not be ready until around August due to the trip having been brought forward by a year. A paper copy of the draft guide will be available for the field meeting. The *Northern East Anglia* (Lee et al) field guide for the September field meeting is progressing as planned.

#### 1.3 Technical Guides

No Technical Guides were published in 2006, but TG 10 has now finally been published in glorious technicolour in 2007: *The Identification and Use of Palaeoartic Chironomidae Larvae in Palaeoecology* (Brooks, Langdon & Heiri). It is hoped that one other TG will be published in 2007: *A users guide to Fungal Palynomorphs* (Blackford & Innes) which now has a full working draft as is in review.

Other TGs that are currently being produced include:

- *Modelling Pollen Dispersal and Deposition: the PolLandCal approach* (Bunting et al)
- *Tephrochronology: Theory & Practice* (Hunt & Blockley)
- *Clast [Lithological] Analysis* (Bridgland)

### 2. Sales (see table opposite)

Total sales over the last 3 years:	2006	430 guides	(2 published)
	2005	471	(3 published)
	2004	151	(3 published)

The stepped shift in no. of guides sold between 2005 and 2006 has not continued into 2007, and appears to have reached a plateau, although only 2 guides were published in 2006.

### 3. QRA Publications Account

Activity on the QRA Publications account in 2006 is summarized below:

2006	Credit				Total Credit	Debit						Total Debit	Running Balance from 01.01.06
	Interest Current	Book sales	Misc.	Memb. -ship		Print Costs	Station.	Postage	Refund	Misc.	BoS charges		
<b>J</b>	4.41	394.00	0.00	0.00	398.41	0.00	0.00	0.00	0.00	0.00	10.00	10.00	<b>3064.21</b>
<b>F</b>	4.98	939.20	0.00	70.00	1014.18	0.00	0.00	0.00	0.00	0.00	10.00	10.00	<b>4068.39</b>
<b>M</b>	6.89	1053.45	0.00	40.00	1100.34	0.00	25.85	0.00	0.00	132.41	19.48	177.74	<b>4990.99</b>
<b>A</b>	6.74	551.80	0.00	20.00	578.54	0.00	0.00	0.00	0.00	0.00	28.68	28.68	<b>5540.85</b>
<b>M</b>	8.74	0.00	0.00	0.00	8.74	0.00	0.00	0.00	0.00	0.00	10.00	10.00	<b>5539.59</b>
<b>J</b>	6.75	314.20	0.00	80.00	400.95	1780.00	0.00	0.00	0.00	0.00	10.00	1790.00	<b>4150.54</b>
<b>J</b>	6.16	0.00	0.00	0.00	6.16	0.00	0.00	0.00	0.00	0.00	10.00	10.00	<b>4146.70</b>
<b>A</b>	6.80	919.00	0.00	200.00	1125.80	0.00	0.00	0.00	0.00	0.00	10.00	10.00	<b>5262.50</b>
<b>S</b>	7.31	0.00	0.00	0.00	7.31	0.00	0.00	0.00	0.00	0.00	14.19	14.19	<b>5255.62</b>
<b>O</b>	8.06	590.90	0.00	137.86	736.82	0.00	0.00	0.00	0.00	0.00	10.00	10.00	<b>5982.44</b>
<b>N</b>	8.54	0.00	0.00	0.00	8.54	0.00	0.00	0.00	0.00	0.00	10.00	10.00	<b>5980.98</b>
<b>D</b>	7.26	855.60	0.00	170.00	1032.86	3842.90	0.00	0.00	0.00	0.00	10.00	3852.90	<b>3160.94</b>
<b>Total</b>	<b>82.64</b>	<b>5618.15</b>	<b>0</b>	<b>717.86</b>	<b>6418.65</b>	<b>5622.9</b>	<b>25.85</b>	<b>0</b>	<b>0</b>	<b>132.41</b>	<b>152.35</b>	<b>5933.51</b>	

**Publications mail order sales during 2006** (excludes field meeting sales, bookstalls etc)

Title	Date	Editor(s)	Copies sold 2006	No. of copies held
<b>Field Guides</b>				
Somerset	2006	Hunt & Haslett	<b>1</b>	240
Scilly	2006	Scourse	<b>19</b>	220
Rossendale	2005	Crofts	<b>31</b>	248
Quaternary of Central Western Ireland	2005	Coxon	<b>29</b>	122
Nene Valley	2005	Langford & Briant	<b>19</b>	202
Quaternary Mammals of S & E England	2004	Schreve	<b>16</b>	112
Central Grampian Highlands	2004	Lukas <i>et al.</i>	<b>10</b>	233
Isle of Man & North West England	2004	Chiverrell <i>et al.</i>	<b>21</b>	189
Glen Affric & Kintail	2003	Tipping	<b>10</b>	260
W. Highland Boundary	2003	Evans	<b>9</b>	111
South-West Ireland	2002	Harrison & Mighall	<b>8</b>	158
Central Germany (Thuringia)	2002	Meyrick & Schreve	<b>3</b>	80
East Yorkshire & North Lincolnshire	2001	Bateman <i>et al.</i>	<b>12</b>	186
West Wales	2001	Walker & McCarroll	<b>10</b>	75
Banffshire Coast and Buchan	2000	Merritt <i>et al.</i>	<b>7</b>	111
Norfolk & Suffolk	2000	Lewis <i>et al.</i>	<b>25</b>	0
Dumfries & Galloway	1999	Tipping	<b>8</b>	124
West Cornwall	1999	Scourse & Furze	<b>13</b>	67
North East England	1999	Bridgland <i>et al.</i>	<b>10</b>	235
Kent & Sussex	1998	Murton <i>et al.</i>	<b>5</b>	118
Eastern Yorkshire Dales	1998	Howard & Macklin	<b>7</b>	0
South Midlands & Welsh Marches	1997	Lewis & Maddy	<b>8</b>	190
Islay & Jura	1997	Dawson & Dawson	<b>4</b>	124
Devon & East Cornwall	1996	Charman <i>et al.</i>	<b>10</b>	131
Cairngorms	1996	Glasser & Bennett	<b>10</b>	237
Orkney Isles	1996	Hall	<b>10</b>	11
Lower Reaches of the Thames	1995	Bridgland <i>et al.</i>	<b>8</b>	8
Cumbria	1994	Boardman & Walden	<b>14</b>	52
Jersey	1993	Keen	<b>3</b>	218
Shetland Isles	1993	Birnie <i>et al.</i>	<b>7</b>	13
South West Scottish Highlands	1992	Walker <i>et al.</i>	<b>3</b>	4
Central East Anglia & the Fen Basin	1991	Lewis <i>et al.</i>	<b>13</b>	36
Beaulieu to Nairn	1990	Auton <i>et al.</i>	<b>4</b>	9
<b>Technical Guides</b>				
No.4 Quaternary Dating Methods	1991	Smart & Frances	<b>25</b>	4
No.8 Non-marine ostracods and Quaternary Palaeoenvironments	2000	Griffiths & Holmes	<b>13</b>	163
No.9 The Identification of Testate Amoebae in Peats	2000	Charman <i>et al.</i>	<b>17</b>	325
QP 6 Mountain Glaciation			<b>6</b>	

Points to note:

- BoS charges include the use of our credit card facility (£10 minimum)
- Stationary and postage costs are now undertaken by Val Siviter, and paid for from the main account. The stationary costs in March 2006 refer to costs spent in 2005, before Val Siviter took over administration, but only reclaimed by Exeter University in 2006. The miscellaneous costs in the same month also refer to a claim by Exeter University from a van hire to deliver the stock to Val in North Wales.
- Guide Sales may have decreased from last year (2005 c. £7050; 2006 c. £5600), but in the last year membership monies has gone up into the publications account by ca. £300, so we are roughly £1000 down on last year if we include sales plus membership, but still up from 2004.

Peter Langdon  
April 2007

## **12. Changes to QRA image and Journal of Quaternary Science covers**

The President introduced this discussion by noting that the Executive Committee had for some time discussed the need for updating of the QRA's image. Independently of this Wiley have updated the design of JQS and had provided three examples of new cover layouts for the journal. This therefore provided an opportunity for linked and co-ordinated re-design between the QRA and Wiley's plans for JQS. Comments from the floor indicated wide support for of a more up-to-date appearance for publications and a more modern typeface to be used, for example, on the website. Cost implications were discussed and it was hoped that there would be no major costs to the Association. The desirability of a pictorial logo was also agreed. It was agreed that the Executive Committee should take this matter forward.

## **13. Election of new Executive Committee members**

A list of nominations for positions on the Executive Committee were published in the October 2006 Circular, and no other nominations have been forthcoming. Therefore the nominated candidates were duly elected. However as Professor Maher is unable to take up her post as Vice-President until 2008, Pete Coxon was elected to serve a further year.

## **14. Annual Field Meeting 2008**

The Meetings Officer reported on the proposed 2008 Annual Field Meeting to the North of Ireland, to be co-lead by Nikki Whitehouse, Helen Roe, Steve McCarron and Chris Hunt (all Queen's University Belfast). Notwithstanding the absence of precise details on dates and costs of the meeting, this proposal was accepted.

## **15. Any other business**

The President reported that a request has been received from the Royal Geographical Society, who are hosting the 2008 Annual Discussion Meeting, that the QRA enters into an arrangement to share 50/50 any proceeds or deficit arising from the meeting. This was agreed. Jim Rose also reported on planning for this meeting. John Lowe reported that this meeting, together with the September 2008 field meeting to Glen Roy, have been given IYPE approval and will therefore be part of the QRA's contribution to the International Year of Planet Earth.

There being no other business, the meeting closed at 10.00 pm.

Simon Lewis  
Secretary, QRA  
9<sup>th</sup> May 2007





**QRA Annual Discussion Meeting, 2008**  
**Held jointly with the Royal Geographical Society (with IBG)**  
**At the Royal Geographical Society, Kensington Gore, London**

**Quaternary of the British Isles and adjoining seas**

**The Royal Geographical Society (with IBG)**  
**Tuesday 8<sup>th</sup> to Thursday 10<sup>th</sup> January 2008**

**Registration.** - deadline for pre-registration: **Monday 12<sup>th</sup> November 2007**

If there are any questions please contact Catherine Souch at [QRA2008@rgs.org](mailto:QRA2008@rgs.org) (telephone +44(0)20 7591 3022) or Jim Rose at [j.rose@rhul.ac.uk](mailto:j.rose@rhul.ac.uk) (telephone +44 (0) 1784 443 807 or +44 (0) 1784 443 563)

**Methods of Registration**

- 1) **On-line registration is preferred** using credit/ debit card, cheque or invoice. The online registration form is at [www.rgs.org/QRA2008](http://www.rgs.org/QRA2008)
- 2) **Postal registration** is available by completing the form below
- 3) **On site registration** is possible subject to an additional payment of £10.00 per day It is not possible to deal with invoices at on-site registration

**Registration Form** (\* field used for name badges and delegate list which will be made available to all delegates)

Title.....First Name\*.....Surname\*.....

Department: .....

Institution\* .....

Address .....

.....

Telephone:.....Fax:.....

Email .....

Special dietary requirements: .....

Further copies of this form are available at [www.qra.org.uk/meet.html](http://www.qra.org.uk/meet.html) and [www.rgs.org/QRA2008](http://www.rgs.org/QRA2008)

**Registration** includes conference registration, lunch, morning and afternoon refreshments, Conference Proceedings, Book of Published Abstracts, Conference Bag (a successor to the X INQUA Congress Bag).

One day only	Tuesday January 8 <sup>th</sup>	£60	_____
	OR		
	Wednesday January 9 <sup>th</sup>	£60	_____
	OR		
	Thursday January 10 <sup>th</sup>	£60	_____
Two days		£100	_____
Three days		£130	_____

### **Conference dinner**

A dinner, including wine will be held in the RGS at 20.00 hrs on Tuesday 8<sup>th</sup> January £30 \_\_\_\_\_

For logistical reasons over the Christmas/ New Year period it is necessary to know whether you wish to attend the Conference Dinner by December 15 2007.

### **Accommodation**

It is expected that attendees will make their own arrangements for accommodation. Information on hotels and Imperial College halls of residence can be found at: [http://www.imperial.ac.uk/conferences/index.asp?page\\_id=3](http://www.imperial.ac.uk/conferences/index.asp?page_id=3)

### **Payment**

**1) On-line payment is preferred** using credit/ debit card  
The online registration form is at [www.rgs.org/QRA2008](http://www.rgs.org/QRA2008)

**2) Postal registration** is available by completing the form above

Please tick one of the following options:

EITHER

\_\_\_\_\_ I enclose a cheque for £..... Payable to the Royal Geographical Society

OR

\_\_\_\_\_ Please send me an invoice for £..... quoting the following official order number.

Invoices must be settled in full before the conference

**For postal registration** this form should be sent to: QRA 2008 Secretariat, Royal Geographical Society, 1 Kensington Gore, London, SW7 2AR, UK.

Refunds will be provided (minus 10% for handling) up to 1<sup>st</sup> December 2007. After this date we are unable to provide a refund. Substitute participants may be accepted at the discretion of the organisers. The organisers cannot be held responsible for any unforeseen event that may disrupt the conference and in these circumstances refunds will not be possible.

## **5. MINUTES OF THE ANNUAL GENERAL MEETING OF THE JOINT ASSOCIATION FOR QUATERNARY RESEARCH**

**Minutes of the Annual General Meeting of the Joint Association for Quaternary Research (Quaternary Research Association and the Geological Society) held at 10.00pm on Tuesday 24<sup>th</sup> April 2007, at the Castle of Brecon Hotel, Brecon**

Thirty two members of the JAQR attended the AGM. The Chairman opened the meeting by welcoming those present and by commenting briefly on the role and purpose of the JAQR.

### **1. APOLOGIES FOR ABSENCE**

Apologies were received from David Anderson, Rebecca Briant, Chris Caseldine, Neil Glasser, Jen Heathcote, Jonathan Lee.

### **2. MINUTES OF THE LAST ANNUAL GENERAL MEETING**

The Minutes of the Annual General Meeting of the Joint Association for Quaternary Research held on Wednesday 5th April 2006 at the Bath Arms Hotel, Cheddar and published in the June 2006 Circular of the QRA were accepted as a true record of that meeting and signed by the Chairman.

### **3. CHAIRMAN'S BUSINESS**

The Chairman, Prof. John Catt, emphasised the importance of the link between the Geological Society and the Quaternary Research Association, which is maintained formally by the JAQR. This was endorsed by comments from the floor which also indicated that the link with the Geological Society could be used to greater effect, for example by proposing a topic for a William Smith Meeting – one of the flagship meetings of the society.

### **4. REPORT ON JAQR ACTIVITIES 2006-2007**

The JAQR Chair reported that much of his activity this year concerned the planning for the Society's Bi-Centennial conference. Despite the many difficulties in the organisation of the meeting, a session including Quaternary topics is now in place with over twenty distinguished international scientists speaking at the meeting.

An additional meeting involving the JAQR was:

#### **Joint meeting with the British Geomorphological Research Group, 28-30th June 2006, Geomorphology And Earth System Science**

Organisers: Mark Macklin, Stephen Rice  
Venue: Loughborough

### **5. FUTURE PROGRAMME OF THE JAQR**

The chairman outlined the forthcoming programme of JAQR activities:

#### **Joint meeting with the Geologists' Association, 23<sup>rd</sup> – 27<sup>th</sup> June, 2007 In the footsteps of Martin Te Punga**

Organisers: Peter Worsley and Les James  
Venue: a traverse of southern Britain from Kent to Dartmoor

#### **Geological Society Bi-Centennial Conference, 10<sup>th</sup> – 12<sup>th</sup> September, 2007 Theme 4: The Earth System; including Quaternary Climate Change**

Venue: Queen Elizabeth II Conference Centre, London  
[www.geolsoc.org.uk/bicentenaryconference](http://www.geolsoc.org.uk/bicentenaryconference)

A further meeting on sea level change is also planned for 2008 to be held at the University of Durham.

## **6. ELECTION OF OFFICERS**

Before proceeding to the election of officers of the JAQR the chairman reported the death of Professor David Keen, who was at the time of his death an officer of the JAQR and a recent past President of the QRA. He also thanked Professor Phil Gibbard who was standing down after serving on the committee for a number of years. The chairman's term of office also ended at this time, though he would remain on the committee.

The nominees for the committee of the JAQR for 2007-008 are:

Chairman	Dr Simon Carr (2007-2010)
Secretary	Dr Simon Lewis (2006-2010)
Representing the QRA:	Richard Ellison (2007-2010)
	Professor John Catt (2007-2010)
Representing the Geological Society:	Professor Patrick Boylan (2007-2010)
	Professor James Scourse (2005-2008)

These nominations were proposed by Ian Evans, seconded by Jim Rose and agreed unanimously by the members present.

## **7. ANY OTHER BUSINESS**

The chairman noted that following the decision at the AGM of the QRA to move the AGM to January from 2008 onwards, it would be logical to also move the AGM of the JAQR to January. This was agreed, though the chairman would check with the Geological Society that such a move was permissible.

On behalf of the JAQR, the in-coming chairman, Dr Simon Carr, thanked John Catt for his considerable efforts to further the interests of Quaternary Science within the Geological Society.

There being no other business the meeting closed at 10.25pm.

Simon Lewis  
Secretary JAQR  
9<sup>th</sup> May 2007

## 6. CONSTITUTION OF THE QUATERNARY RESEARCH ASSOCIATION

At the 2007 Annual General Meeting changes to the Constitution of the Association were agreed. The revised Constitution is reproduced below.

### CONSTITUTION

1. The name of the Association shall be the Quaternary Research Association.
2. Membership of the Association shall be open to all interested in furthering the objectives of the Association. The Association may elect Honorary Life Members in recognition of distinguished contributions to Quaternary Science.
3. The objective of the Association is the advancement of education and research into the Quaternary period. This shall be achieved through a programme of activities and by series of publications that are of benefit to the public. The aims of such activities shall be: (i) to enhance understanding of the nature of global environmental processes during the Quaternary period, and (ii) the dissemination of this information to the wider public. In furtherance of this objective, but not otherwise, the Association through its Executive Committee shall have the following powers: (a) To hold public meetings and exhibitions; (b) To publish pamphlets, leaflets, etc., (c) To do all such things as will further the objective. The Association shall also agree formal representation on the committees of appropriate scientific organisations, such as INQUA, ICSU and the Royal Society.
4. The association shall hold an Annual General Meeting, to which all registered members will be eligible to attend. The AGM shall be scheduled to coincide with the Annual Discussion Meeting held each January. Members of the Executive Committee of the Association (see below) shall be required to present the following at the AGM: (a) audits of the accounts and of the activities of the association in the preceding year; (b) a list of eligible contenders for office, to serve on the Executive Committee of the association for an agreed period, according to guidelines stipulated below; and (c) plans and proposals concerning future activities and governance of the Association. All proposals and decisions shall be subject to approval of the membership, and contested issues shall be resolved by vote of members attending the AGM.
5. The affairs of the Association shall be handled by an Executive Committee, which shall include the following officers: A President and Vice-President, each of whom may hold office for up to three years; a Secretary, Treasurer, Newsletter Editor, Publications Secretary, each of whom shall hold office for up to four years. The Executive Committee shall also include a Membership Officer, Meetings Officer, Awards Officer, Publicity Officer, Outreach Officer, Conservation Officer and one further ordinary member, each of whom may serve in this capacity for up to three years. The Executive Committee shall include two postgraduate members who may hold office for two years, a new representative being elected at the Annual Postgraduate Symposium in September each year. The Editor, *Journal of Quaternary Science* and Chair of the JAQR (or their nominees) shall be *Ex Officio* members of the Executive Committee for the duration of their respective terms of office. At least two new members of the Executive Committee shall be elected each year. Officers are eligible for election as ordinary members of the Executive Committee on completion of their term(s) of office. Ordinary members of the Executive Committee elected as officers may hold office for the period appropriate to the office. Ordinary members shall be eligible for re-election, but may not serve more than two consecutive three year terms.
6. New members of the Executive Committee shall be elected by postal ballot. Officers and ordinary-members shall be nominated by the Executive Committee, and the list of nominations

shall be published in the June Circular. Members of the Association may make additional nominations up to the publication of the October Circular providing that each nomination is supported by at least two members of not less than one year's standing. Voting shall be on ballot papers published in the October Circular and the result of the ballot shall be announced at the Annual General Meeting.

7. The Executive Committee shall have power to co-opt to fill any vacancies which may arise in the Committee until the next Annual General Meeting of the Association.
8. The quorum for meetings of the Executive Committee is six members attending.
9. The President shall preside at all general and committee meetings at which he is present. In his absence, the Vice-President shall preside. If neither is present, the Secretary shall invite another member of the Executive Committee to preside.
10. The Secretary shall make all arrangements for the general organisation and conduct of meetings. The arrangements for particular meetings may be made the responsibility of a Local Secretary, who shall be appointed by the Executive Committee for this purpose. The Secretary shall arrange for the minutes of the proceedings or the Executive Committee Meetings, the Annual General Meeting and any specific General Meeting to be recorded, and these shall be entered regularly in the minute books. He/she shall keep records of other meetings, conduct the correspondence of the Association and report to the Executive Committee matters relating to the business of the Association.
11. The Treasurer shall receive and keep account of all the monies of the Association. He/she shall produce accounts whenever required by the Executive Committee, and shall also present the accounts for each financial year ending the 31st July, so that they may be audited and submitted to the Annual General Meeting of the Association. All monies received for the Association shall be paid into such bank as the Executive Committee shall appoint.
12. A Special General Meeting of the Association may be called at any time by the President, the Executive Committee, or any twelve registered members on application to the Secretary. Not less than thirty days' notice of the date and purpose of such a Special General Meeting shall be given to members, and no business shall be considered at such a meeting other than that for which it was convened.
13. The Association can only be dissolved through the following procedures. (1) A motion of dissolution of the Association, together with a full explanation of the reasons and letters of support from at least twelve registered members of the Association, should be submitted to the Secretary. (2) The Secretary of the Association shall convene a Special General Meeting of the Association to consider the motion. (3) If the SGM finds the case to merit the fuller consideration of the membership, a ballot (electronic and postal) will be arranged for a vote on the motion. A two-thirds majority of the voting members will be required to proceed to dissolution.
14. In the event of dissolution, the funds and other property of the Association, after the payment of all proper debts and liabilities, shall not be distributed among the members of the Association, but shall be given, paid, transferred or distributed to or among such other charitable institutions having similar objects to those of the Association as the Executive Committee with the approval of the Special General Meeting shall determine.
15. The first Annual Subscription shall be paid on joining the Association, but if a member joins in October, November or December the subscription shall cover the whole of the following calendar year. With this exception, all Annual Subscriptions shall become due on the 1st January for the subsequent year. Members whose subscriptions are in arrears are not liable to receive publications and may be excluded from meetings if attendance is restricted for any reason. Members whose

subscriptions are more than one year in arrears may have their membership of the Association revoked by the Executive Committee, provided that a final reminder has been sent by the Treasurer at the end of the year for which no payment has been received.

16. The Annual Subscription shall be a sum determined at the Annual General Meeting.
17. Any member not in arrears with subscriptions may resign from the Association by giving notice in writing to the Membership Officer.
18. No alteration or addition to the Constitution of the Association shall be made except by a majority of votes of the members present at a General Meeting, and no alteration or addition to the Constitution shall be made which would cause the Association to cease to be a charity in law.
19. The Executive Committee shall have the power to appoint Sub-Committees comprising at least two members of the Executive Committee. At meetings of the Sub-Committees more than half of the Sub-Committee membership is required to form a quorum. The Executive Committee shall have power to co-opt members to assist the Sub-Committees. The Sub-Committees shall be responsible to the Executive Committee and shall report to the Executive Committee at least once a year, normally at the January Executive Committee meeting.
20. The Executive Committee shall delegate authority to an Editorial Board to oversee the Journal of Quaternary Science. Nominations for Journal Editor shall be brought to the January meeting of the Executive Committee for formal ratification. The term of office of the Journal Editor shall normally be five years.

Revised April 2007

## **7. EXECUTIVE COMMITTEE NOMINATIONS**

Three members of the QRA Executive Committee complete their terms of office in January 2008: John Lowe (President), Tim Mighall (Editor, Quaternary Newsletter) and Simon Carr (Meetings Officer). The Executive Committee has nominated the following people to stand for election.

<b>President:</b>	Professor James Scourse (Bangor)
<b>Editor Quaternary Newsletter:</b>	Mark Bateman (Sheffield)
<b>Meetings Officer:</b>	David Roberts (Durham)

Unless other nominations are submitted to the Secretary by 30<sup>th</sup> September 2007, the nominees named above will begin their terms of office at the Annual General Meeting in January 2008. If other nominations are forthcoming, there will be a postal ballot, papers for which will be issued in the October 2007 Circular.

Simon Lewis (Secretary)

<b>8. QRA SHORT FIELD MEETING: NORTHERN EAST ANGLIA</b> <b>9<sup>th</sup> -12<sup>th</sup> September 2007</b>
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**QRA Short Field Meeting: Northern East Anglia**  
**“A Regional Record of Terrestrial and Marine Response to Global Climate Change”**  
**9<sup>th</sup>-12<sup>th</sup> September 2007**

**Organisers:** Jonathan Lee (BGS), Ian Candy (RHUL) and Anna Harrison (BGS)

**THIS MEETING IS NOW FULLY BOOKED**

**Rationale**

The Quaternary deposits of East Anglia have been studied for over 150 years. However, continued research is constantly providing new theories and research agendas that have an impact on internationally important research questions. Recent research projects have been based around; 1) placing the *sedimentary record of geomorphic response* that East Anglia contains into the climatic framework of the marine isotopic record, 2) providing *new chronologies* for glacial and interglacial sequences, 3) understanding the *climates of early Middle Pleistocene interglacials* and 4) understanding the history of early humans in the region and, in particular, the timing of the *earliest known human occupation* in northern Europe. These projects involve the reinvestigation of well-known sequences, the investigation of new sites and the combination of traditional Quaternary techniques with new state-of-the-art technologies. As many of these research projects are now well-advanced or coming to completion, this short field meeting represents a timely opportunity to present the results of recent and ongoing projects. The programme has been specially designed to address the following themes:

- Earth surface process response to gradual climate cooling over the Early and early Middle Pleistocene
- The timing of lowland glaciation in the early and late Middle Pleistocene
- Climates of the early Middle Pleistocene interglacials
- Archaeology of the Cromer Forest bed – the earliest Humans in northern Europe
- Early Middle Pleistocene stratigraphy and correlation of European sequences

**Day 1. Theme:** Introduction to the Quaternary of northern East Anglia

**Venue:** UEA, Norwich (evening)

**Invited Speaker:** Jim Rose

**Day 2. Theme:** Early and Middle Pleistocene environmental change and early humans

**Sites:** Bramerton, Wroxham, Pakefield

**Contributors:** Richard Hamblin, Jonathan Lee, Simon Parfitt, Peter Riches, Danielle Schreve

**Day 3. Theme:** Patterns of Middle Pleistocene fluvial, marine and glacial behaviour

**Sites:** Happisburgh, West Runton, Weybourne

**Contributors:** Nick Ashton, Jane Hart, Jonathan Lee, Simon Parfitt, Steve Pawley, Jim Rose

**Day 4. Theme:** Middle Pleistocene ice-marginal palaeoenvironments of north Norfolk

**Sites:** Glaven Valley, Wiveton Downs

**Contributors:** Andrew Gale, Peter Hoare, Anna Harrison, Steve Pawley

Further particulars available through the QRA web site (<http://www.qra.org.uk>) or can be obtained by contacting Jonathan Lee (E-mail: [jrlee@bgs.ac.uk](mailto:jrlee@bgs.ac.uk); Telephone: 0115-936-3517).

**QRA Annual Discussion Meeting, 2008**  
**Held jointly with the Royal Geographical Society (with IBG)**  
**At the Royal Geographical Society, Kensington Gore, London**

**Quaternary of the British Isles and adjoining seas**

**The Royal Geographical Society**  
**Tuesday 8<sup>th</sup> to Thursday 10<sup>th</sup> January 2008**

A three day meeting on the 40<sup>th</sup> anniversary of the founding of the Quaternary Research Association and as a QRA contribution to the International Year of Planet Earth.

The meeting is held jointly with the Royal Geographical Society and will be held at 1 Kensington Gore, London, home of the RGS.

The meeting is also sponsored by the Geologists' Association, and supported by the Royal Society of London

This is the first meeting to consider this topic in a comprehensive fashion since the X INQUA Congress held in Birmingham 1977. The Birmingham Meeting resulted in the publication of 'British Quaternary Studies' edited by F.W. Shotton, and the X INQUA Congress Excursion Field Guides edited by D.Q. Bowen. It is intended that aspects of the meeting will be published as Special Issues of Quaternary Science Reviews and Journal of Quaternary Science, and as commissioned papers in Geographical Magazine and Geographical Journal. Each of these publications will have a specific objective and are not to be seen as competing with on-another.

**Organising Committee**

Prof. Jim Rose (RHUL)

Dr. David Bridgland (Durham University)

Prof. Dan Charman (Plymouth University)

Prof. Pete Coxon (TCD)

Prof. Mark Maslin (UCL)

Prof. Danny McCarroll (University of Wales, Swansea)

Dr. Jon Merritt (BGS, Edinburgh)

Dr. Catherine Souch (RGS, Head of Research and Higher Education)

Prof John Lowe (RHUL, office of President of QRA)

**Address for Correspondence:**

QRA 2008 Secretariat  
Royal Geographical Society  
1 Kensington Gore,  
London, SW7 2AR, UK.

If there are any questions please contact Catherine Souch at [QRA2008@rgs.org](mailto:QRA2008@rgs.org) (telephone +44(0) 20 7591 3022) or Jim Rose at [j.rose@rhul.ac.uk](mailto:j.rose@rhul.ac.uk) (telephone +44 (0) 1784 443 807 or +44 (0) 1784 443 563)

Information on Abstract Submission can be found in this Circular and at [www.rgs.org/QRA2008](http://www.rgs.org/QRA2008)

**QRA Annual Discussion Meeting, 2008**  
Held jointly with the Royal Geographical Society (with IBG)

**Quaternary of the British Isles and adjoining seas**

The Royal Geographical Society  
Tuesday 8<sup>th</sup> to Thursday 10<sup>th</sup> January 2008

**CALL FOR ABSTRACTS AND INSTRUCTIONS FOR AUTHORS**

**Deadline: Abstracts for oral or poster presentations at the meeting must be submitted by Tuesday October 16<sup>th</sup> 2007**

**Notification of decision: Wednesday October 31<sup>st</sup> 2007**

Abstracts will be published on the RGS Websites with a link to the QRA website and in a Publication of Abstracts that will be available at the Conference.

If there are any questions please contact Catherine Souch at [QRA2008@rgs.org](mailto:QRA2008@rgs.org) (telephone +44(0)20 7591 3022) or Jim Rose at [j.rose@rhul.ac.uk](mailto:j.rose@rhul.ac.uk) (telephone +44 (0) 1784 443 807 or +44 (0) 1784 443 563)

Abstracts should be completed electronically at [www.rgs.org/QRA2008](http://www.rgs.org/QRA2008)

Each Abstract should include the professional title, department, full address, telephone, fax and email address of the presenting author. The presenter will receive all correspondence about abstract acceptance and will be responsible for transmitting this information to co-authors.

Please indicate preference for oral or poster presentation.

**Abstract Format**

The text of the abstract must be no more than 400 words in Times New Roman of font size 12.

- Abstract title should appear in bold at the top of the first page.
- Names of all authors should be listed on a separate line after the title at the top of the first page.
- The name of the presenting author should be marked with an asterisk.
- Author names should be followed by a list of corresponding affiliations and current addresses, each identified by a numbered superscript.
- References should be cited in parentheses (author, year) in the body of the abstract and arranged alphabetically in a "Literature Cited" list at the end of the abstract.
- Figures and tables should be self-explanatory, high quality and black and white.

<b>10. QRA ANNUAL FIELD MEETING 2008: NORTH OF IRELAND</b> <b>10<sup>th</sup> – 13<sup>th</sup> April 2008</b>
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**Organisers:** Nicki Whitehouse, Helen Roe, Steve McCarron and Jasper Knight

Next year, the Annual Field Meeting will be held in the north-east of Ireland, based in Belfast. This region was last visited by a QRA in 1986, but offers a wealth of palaeoecological, archaeological and geomorphological sites covering the late Quaternary.

The field meeting will focus on the following themes:

- Deglacial processes and landscape formation;
- Prehistoric marine cultural and landscape archaeology in the north-east of Ireland;
- Late glacial and Holocene palaeoecology and climate change;
- Coastal evolution and sea level change.

The itinerary for the meeting is broken down into three main field days, with an optional fourth day and will be a joint QRA/IQUA venture to visit this region.

A full programme together with a registration form will be published in the October Circular. A provisional programme is outlined below.

**Provisional Programme:**

**Day 1. The Mourne Plain and Killard Point**

**Theme:** Glacial and de-glacial history of Ireland

**Sites:** Co. Down coast (Mourne Plain); Kilkeel; Bloody Bridge/Annalong; Benderg Bay; Killard Point.

**Coordinator:** Steve McCarron

**Day 2. The Lower Bann Valley and the Glens of Antrim**

**Themes:** Holocene palaeoecology and sea level history; glacial and de-glacial history of the Glens of Antrim.

**Sites:** Lough Neagh and Newferry; Dead Island Bog; Glenariff; Cushendun; Dun Valley; Garron point/Minnis North

**Co-ordinator:** Helen Roe

**Day 3. Strangford Lough and the Ards Peninsula**

**Theme:** Inter-tidal archaeology and palaeoecology of Strangford Lough and Ards Peninsula; ritual monuments of the Lagan Valley;

**Sites:** Grey Abbey Bay, Strangford Lough; Roddans Port inter-tidal late glacial and Holocene deposits; Giants Ring and Ballynahatty landscape palaeoecology

**Coordinator:** Nicki Whitehouse

**Day 4. The Causeway Coast**

**Theme:** Geology of the north-east of Ireland and heritage conservation issues; coastal history and sea level change

**Sites:** Armoy Moraine; White Park Bay; Giants Causeway; Portballintrae; Bushmills.

**Coordinator:** Jasper Knight

Further particulars will be made available through the QRA web site (<http://www.qra.org.uk>) or can be obtained by contacting Nicki Whitehouse ([n.whitehouse@qub.ac.uk](mailto:n.whitehouse@qub.ac.uk), 028 90973978), Helen Roe ([h.roe@qub.ac.uk](mailto:h.roe@qub.ac.uk)), Steve McCarron ([Stephen.mccarron@nuim.ie](mailto:Stephen.mccarron@nuim.ie)) or Jasper Knight ([j.knight@exeter.ac.uk](mailto:j.knight@exeter.ac.uk))

## 11. QRA 6<sup>th</sup> INTERNATIONAL POSTGRADUATE SYMPOSIUM, AUGUST 2007

The QRA Postgraduate Symposia have established a tradition of attracting a diverse group of postgraduate students from around the world. The meeting is designed to provide a forum for delegates to present and discuss their work in a relaxed and informal environment and to facilitate the development of close links within the Quaternary research community.

The 2007 Postgraduate Symposium will be held at the Geocentre, University of Copenhagen, Denmark, 21<sup>st</sup>-24<sup>th</sup> August. For more details, registration and contact information visit the website at: <http://www.qra2007.geol.ku.dk>

## 12. QRA RESEARCH AND CONFERENCE GRANTS

**Please note: Full details of all QRA grants and application forms are available on the website ([www.qra.org.uk](http://www.qra.org.uk)). Applicants for awards should read the details carefully before submitting an application.**

If you require a hard copy, please contact Dr Mick Frogley at:  
Department of Geography, University of Sussex, Falmer, Brighton, BN1 9QJ  
email: [M.R.Frogley@sussex.ac.uk](mailto:M.R.Frogley@sussex.ac.uk)  
tel: 01273 873237

### Quaternary Research Fund

**Purpose:** To foster research in any area of Quaternary studies  
**Eligibility:** Members of the QRA of at least one year's standing (NB postgraduates should apply to the New Research Workers' Awards)  
**Deadlines:** 15<sup>th</sup> January, 15<sup>th</sup> May and 15<sup>th</sup> September  
**Awards:** £50-500

### New Research Workers' Awards

**Purpose:** To foster research in any area of Quaternary studies by postgraduate students  
**Eligibility:** Postgraduate student members of the QRA of at least 6 months' standing  
**Deadlines:** 15<sup>th</sup> January, 15<sup>th</sup> May and 15<sup>th</sup> September  
**Awards:** Up to £500

### Quaternary Conference Fund

**Purpose:** To assist attendance at Quaternary science conferences and field meetings.  
**Eligibility:** Members of the QRA of at least one year's standing  
**Deadlines:** 15<sup>th</sup> January, 15<sup>th</sup> May and 15<sup>th</sup> September  
**Awards:** Normally up to £250

### The Bill Bishop Award

**Purpose:** To provide support for field-based research in the subject of geology and related sciences in the fields of (i) Cenozoic stratigraphy, palaeoenvironments and chronology in relation to hominid evolution and (ii) British Quaternary stratigraphy, palaeoenvironments and geomorphology  
**Eligibility:** Full and part time PhD and MPhil students  
**Deadline:** 15<sup>th</sup> January annually  
**Award:** £800 (maximum)

### **Lewis Penny Medal**

Awarded to a young or new research worker, and who has made a significant contribution to the Quaternary Stratigraphy of the British Isles and its maritime environment.

**Deadline for nominations:** 15<sup>th</sup> November annually.

### **QRA-RLAHA Luminescence Dating Award**

**Purpose:** Set up in collaboration with the Research Laboratory for Archaeology and the History of Art at Oxford University, up to six optically-stimulated luminescence dates (from Pleistocene or Holocene sediments) will be awarded.

**Eligibility:** PhD students

**Deadline:** January 15<sup>th</sup> annually.

### **Postgraduate QRA Meetings Awards**

**Purpose:** To enable a greater number of postgraduates to attend QRA meetings.

**Eligibility:** Any registered postgraduate who has been a member of the QRA for more than **6 months**

**Deadlines:** For Easter Annual Field Meeting or May Short Field Meeting: **January 15<sup>th</sup>**

For September Short Field Meeting: **May 15<sup>th</sup>**

For January Annual Discussion Meeting: **September 15<sup>th</sup>**

**Awards:** 50% of the costs of the meeting (excluding travel to the venue); six awards for the Annual Field Meeting, six awards for the Annual Discussion Meeting and three awards for the Short Field Meeting

See the QRA website for forms and other guidelines on applying for conference awards.

## **13. QRA UNDERGRADUATE DISSERTATION PRIZE**

Entries for the 2007/08 QRA-RGS undergraduate Dissertation Prize are now being accepted. Entries are limited to one per department and may be on any Quaternary theme. The prize is open to any undergraduate, and membership of the QRA or RGS-IBG is not a requirement for entry. The prize is £100, and the abstract of the winning dissertation will be published in the Quaternary Newsletter.

Submitted dissertations (one copy only) should be posted to Dr Catherine Souch, RGS-IBG, 1 Kensington Gore, London SW7 2AR. The closing date for submissions is 15 September 2007.

## **14. JOURNAL OF QUATERNARY SCIENCE**

John Wiley offers *Journal of Quaternary Science* to members of the QRA at £64 per year for the eight issues of 2008. Postgraduate member rates are even lower at £32 for the year. This represents outstanding value for money for the Association's major international journal. **The Executive Committee of the QRA urges all members to consider supporting JQS, the journal of the QRA.** A subscription to JQS has always been a very good deal and an excellent means of extending your support for the Association. The Association gains financially from JQS subscriptions and this is an important means of generating funds for members' scientific activities (see the section on funding). Therefore, we hope that you will give the matter of a JQS subscription very serious consideration.

For further subscription details contact the Journals Subscriptions Department, John Wiley & Sons, Ltd, 1 Oldlands Way, Bognor Regis, W. Sussex, PO22 9SA. Tel: +44 (0) 1243 779777; Fax: +44 (0) 1243 843232; e-mail: [cs-journals@wiley.co.uk](mailto:cs-journals@wiley.co.uk)

<http://www3.interscience.wiley.com/cgi-bin/jhome/2507>

## 15. QUATERNARY NEWSLETTER

Copy for the **October 2007** edition of *QN* should be in the hands of the Newsletter Editor, Dr Tim Mighall (Dr Email: [t.mighall@abdn.ac.uk](mailto:t.mighall@abdn.ac.uk), Department of Geography and Environment, University of Aberdeen, Elphinstone Road, Aberdeen, AB24 3UF, UK), no later than 1<sup>st</sup> September 2007.

## 16. QUATERNARY SCIENCE REVIEWS, THE HOLOCENE

Elsevier offer *Quaternary Science Reviews* to members of the QRA at reduced rates. For further subscription details contact Elsevier Science, Regional Sales Office, Customer Support Department, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. Tel: +31 20 485 3757; Fax: +31 20 485 3432; e-mail: [nlinfo-f@elsevier.nl](mailto:nlinfo-f@elsevier.nl)

*The Holocene* is also available at lower rates. Full details and contacts are available on the journals page of the QRA website

<http://www.qra.org.uk/journals.htm>

## 17. CALENDAR OF QRA MEETINGS

NOTE: Offers to arrange meetings are always welcome and should be forwarded to the Meetings Officer, Dr Simon Carr, Department of Geography, Queen Mary, University of London, Mile End Road, London, E1 4NS. Email: [s.j.carr@qmul.ac.uk](mailto:s.j.carr@qmul.ac.uk)

**21<sup>st</sup>-24<sup>th</sup> August 2007**

**QRA 6<sup>th</sup> International Postgraduate Symposium**

Venue: Geocenter, University of Copenhagen, Denmark

Organisers: Jesper Olsen and Mikkel Ulfeldt Hede, email: [gra2007@geol.ku.dk](mailto:gra2007@geol.ku.dk)

**9<sup>th</sup> – 12<sup>th</sup> September 2007**

**Short Field Meeting: Northern East Anglia**

Venue: UEA Norwich

Organisers: Jonathan Lee, Ian Candy, Anna Harrison

Contact: Jonathan Lee, email: [jrlee@bgs.ac.uk](mailto:jrlee@bgs.ac.uk)

**See details in this circular**

**10<sup>th</sup> – 12<sup>th</sup> September 2007**

**Geological Society of London Bi-centennial Conference, incorporating a Quaternary session co-sponsored by the Joint Association for Quaternary Research**

Venue: Queen Elizabeth II Conference Centre, London

Organisers: Geological Society of London:

Contact: <http://www.geolsoc.org.uk/gsl/society/bicentenary/bicentenaryconference>

**8<sup>th</sup> – 10<sup>th</sup> January 2008**

**QRA Annual Discussion Meeting**

**“The Quaternary of the British Isles and adjoining areas”**

Venue: Royal Geographical Society, London

Organisers: Jim Rose, David Bridgland, Dan Charman, Pete Coxon, Mark Maslin, Danny McCarroll, Jon Merritt, Catherine Souch, John Lowe

Contact: Jim Rose, email: [j.rose@rhul.ac.uk](mailto:j.rose@rhul.ac.uk)

**See details and registration form in this circular**

**10<sup>th</sup> – 13<sup>th</sup> April 2008**

**QRA Annual Field Meeting: The North of Ireland**

Venue: Queen's University Belfast

Organisers: Nicki Whitehouse, Helen Roe, Steve McCarron, Jasper Knight

Contact: Nicki Whitehouse, email: [n.whitehouse@qub.ac.uk](mailto:n.whitehouse@qub.ac.uk)

**See details in this circular**

**September 2008**

**QRA Short Field Meeting: Glen Roy and Adjoining Areas**

Organisers: John Lowe, Adrian Palmer, Jim Rose

Contact: John Lowe, email: [j.lowe@rhul.ac.uk](mailto:j.lowe@rhul.ac.uk)

**May/June 2009**

**QRA Short Field Meeting, Canada (Joint with CANQUA)**

Organiser: David J.A. Evans and Rene Barendregt

Contact: David Evans, email: [d.j.a.evans@durham.ac.uk](mailto:d.j.a.evans@durham.ac.uk)

(note: this meeting has been rescheduled to 2009)

**Regular updates and details of meetings of interest to the QRA are available, along with links to sites of interest to Quaternary scientists, on the WWW at: <http://www.qra.org.uk>**

Web master: [jason.jordan@coventry.ac.uk](mailto:jason.jordan@coventry.ac.uk)

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