

Quaternary Research Association

Registered Charity no: 262124

JUNE 2006

CIRCULAR

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

QRA CIRCULAR: June 2006

1. SUBSCRIPTIONS REMINDER

Members are reminded that **subscriptions for 2006 were due on January 1**. Please assist the Treasurer (address below) by EITHER putting in place a STANDING ORDER (see form in this Circular) 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:

Ordinary Members	£20
Student, retired and unwaged members	£10
Institutions	£35

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

It's worth noting that we have tightened up a lot on non-payment and will no longer send mailings to members who have not responded to subscriptions reminders!

2. NEW MEMBERS OF THE EXECUTIVE COMMITTEE

Following the Annual General Meeting of the Association on 5th April 2006 the following members have joined the Executive Committee from the AGM:

Secretary:	Dr Simon Lewis (Queen Mary, University of London)
Ordinary member (Outreach):	Dr David Anderson (Eton College)
Ordinary member:	Dr Becky Briant (Queen Mary, University of London)

Dr Mick Frogley (Sussex), as an existing member of the committee, will assume responsibility for the awards.

3. MINUTES OF THE 41st ANNUAL GENERAL MEETING OF THE QUATERNARY RESEARCH ASSOCIATION

Minutes of the 41st Annual General Meeting of the Quaternary Research Association held at 8.00pm Wednesday 5th April, 2006 at the Bath Arms Hotel, Cheddar, Somerset.

The Vice-President, Professor Pete Coxon, was in the Chair, and 18 members attended the meeting.

A minute's silence in memory of Professor Sir Nicholas Shackleton and Dr John Wymer, both highly regarded members of the QRA was observed at the start of the meeting.

i) APOLOGIES FOR ABSENCE

Apologies were received from John Lowe, David Anderson, Rebecca Briant, Chris Caseldine, Neil Glasser, Jason Jordan, Jen Heathcote, Danielle Schreve, Della Murton, Kathryn Rose, James Scourse.

ii) MINUTES OF THE 40th ANNUAL GENERAL MEETING

The minutes of the 40th Annual General Meeting of the Quaternary Research Association held at 8.45 p.m. on Thursday 7th April 2005 in the Imperial Hotel, Galway, were published in the June 2005 Circular and were accepted as a true record of that meeting and signed by the Vice-President.

iii) MATTERS ARISING

There were no matters arising.

iv) PRESIDENT'S BUSINESS

- The President said that it was his very pleasant duty to announce three new honorary members for their services to Quaternary science and the QRA: Professor David Keen, Dr Peter Allen and Professor Jan Mangerud. Full citations would appear in *Quaternary Newsletter*.
- Status of the Quaternary. PC noted the recent debate on this issue and outlined the position of the QRA Executive, which had been communicated to INQUA (also publicized on the website, the email list and published in *Quaternary Newsletter*). He noted the agreement throughout the international Quaternary community and that INQUA had formally raised objections to the International Commission for Stratigraphy proposals. There was agreement from members present with the stated position of the QRA Executive committee. Further details on the matter are available on the QRA and INQUA websites.
- The International Year of the Planet Earth (IYPE) will take place in 2008 and will serve to highlight the earth sciences, including Quaternary research. It was expected that a number of QRA events would be formally recognized and promoted as IYPE events.
- It was noted that a new contract for publication of *Journal of Quaternary Science* with Wiley may produce an increase in royalty income to the QRA. The Executive Committee had discussed some possible ideas and was open to additional suggestions from the membership. Members were invited to make suggestions to the President or Secretary.

v) ANNUAL REPORT OF THE SECRETARY

1. MEMBERSHIP

As of **29th March, 2006**:

Total membership **1025**; a net increase on the year of **35** members.

Category	15/04/04	21/03/05	29/3/06	Change (05-06)
Members	926	918	1025	+107
<i>Ordinary</i>	600	583	599	+16
<i>Postgraduate</i>	220	204	231	+27
<i>Unwaged/Retired</i>	106	131	126	-5
Honorary members	17	18	15	-3
Institutional members*	43	41	40	-1
Corresponding members	15	14	14	-0
Total Membership	1001	991	1025	+35

*Includes copyright member

It should be noted that some members have still failed to update their standing orders and payments following the increase in membership dues in 2004.

2. MEETINGS

Four main QRA meetings were run in 2005/6. The Executive would like to thank the various meetings organisers, those who supported them by their participation or attendance, and those who reported in QN for the information of the membership. Meetings remain a key part of QRA activities and depend entirely on the membership for their success.

- i) **Annual Field Meeting: The Quaternary of the West of Ireland, 5-9th April 2005**
Organiser: Pete Coxon
- (ii) **Short Field Meeting: The Quaternary of Rossendale Forest and Greater Manchester, 8-11th September 2005**
Organiser: Richard Crofts
- (iv) **Tenth Annual Postgraduate QRA Symposium, 31st Aug – 2nd Sept 2005**
Main organisers: Katie Szkornik and Becky Turner
Venue: School of Geography, University of Plymouth
- (v) **Annual Discussion Meeting: Isotope (radiogenic, cosmogenic and stable) and noble gas analysis in Quaternary research 2005, 5-6th January 2006**
Organisers: Marian Scott, Paul Bishop, Tony Fallick, Charlotte Bryant, Mike Summerfield.
Venue: University of Glasgow

3. PUBLICATIONS

- (i) ***Quaternary Newsletter***: 3 issues: 106 (June 2005), 107 (October 2005) and 108 (February 2006). Editor: Dr Tim Mighall, Coventry University.
- (ii) ***Journal of Quaternary Science***: 8 issues: Volume 20 (2005). On behalf of the QRA, I would like to thank the editor, Professor Chris Caseldine, and the rest of the editorial team for continuing to maintain *JQS* as one of the major international Quaternary science journals. The international reputation and income of the QRA are both substantially supported by the journal and it continues to be one of the flagship activities of the Association.
A mix of special (2) and regular (6) issues was maintained in 2005. The double special issue was *Records of Late Quaternary Climatic Change from the Western Edge of the Americas: A Special Issue in Memory of Dr. Geoffrey Owen Seltzer* (edited by Don Rodbell), with the Bangor ADM volume *Annually-Banded Records in the Quaternary*, edited by James Scourse, Leon Clarke and Fabienne Marret, becoming a Thematic Set. The Executive Editorial Board (EEB) supports the view that where planned Special Issues did not produce sufficient papers for a full issue we would expedite publication as Thematic Sets.
Other developments included the appointment of an editor for Asia and Australasia, Dr Chris Turney, and other personnel changes to the EEB and the Editorial Advisory Board (EAB) as a result of introducing a policy of regular turnover. These changes will be published in the front pages of the journal. This year also saw the introduction of a new contract with John Wiley & Sons which we believe will increase overall income to the QRA and provide long-term stability for *JQS*. *JQS* remains a valuable source of revenue for the QRA and it important that we maintain the level of subscriptions. Revenue is used to further the objectives of the QRA, particularly through the QRA awards scheme. John Wiley and Sons also support the annual John Wiley lecture at the Annual Discussion Meeting.

- (iii) **QRA Field Guides:** Three field guides were published this year, the *Nene Valley* (Langford & Briant, but dated 2004), *Central Western Ireland* (Coxon) and *Rosendale Forest and Greater Manchester* (Crofts) which were associated with the 2005 field meetings.
- (iv) **Technical Guides** No new technical Guides were published in 2005, but several new guides are close to publication. See Publications Secretary's report for details.

4. QRA Awards

Figures for 2005 are shown below. The total amount of awards is similar to 2004. Most of the funding for QRA research activities continues to come from John Wiley & Sons Ltd generated from subscriptions to *JQS*. During the financial year to end December 2005, £10,059.50 was disbursed by the QRA to 38 members under its Awards schemes. This included 13 New Research Workers Awards totalling £3990, 12 awards from the Quaternary Conference Fund totalling £2360, 9 awards from the Quaternary Research Fund totalling £2774.50, and 2 awards from the Postgraduate QRA meetings awards totalling £45. In addition, the second Lewis Penny Medal was awarded to Com O'Cofaigh. There is some concern that the number of applications for the Postgraduate QRA meetings awards has fallen, and also that there were no applications for the Bill Bishop Award in 2006 and no nominations for the Lewis Penny Medal for 2006. Full details of all QRA awards are available on the QRA web site and published in the circular.

Fund	Number of applications		Funded	Total monies requested (£)	Total monies awarded (£)
NRWA	Jan	6	4	2300	1400
	May	10	8	4137.65	2090
	Sept	1	1	500	500
	Total	17	13	6937.65	3990
QCF	Jan	4	4	970	710
	May	5	4	1290	700
	Sept	4	4	950	950
	Total	13	12	3210	2360
QRF	Jan	5	5	2088.80	1820
	May	4	4	1619.50	954.50
	Sept	2	0	700	0
	Total	11	9	4408.3	2774.50
Subtotal					
	41	34	14555.95	9124.50	
ADM 05	2	2	45	45	
AFM 05	-	-	-	-	
OSL 05	1	1	-	-	
Bishop	3	1	800	790	
Penny	1	1	100	100	
TOTAL					
	47	38	15500.95	10059.50	

5. OTHER QRA FUNDED ACTIVITIES

Research Groups

The scheme to provide start-up funds for specialist Quaternary research groups has proved successful in the past. One research group is currently funded by the QRA and a further group is being funded from 2006. QUAVER (Quaternary vertebrates), was established in 2005 and aims to improve communication between Quaternary vertebrate researchers through regular meetings, a website and a web-based mailing list. Full details can be found at: <http://cwis.livjm.ac.uk/bie/quaver/welcome.htm>. IBiS (Isotopes and Biogenic Silica) is currently being established by the convenor Prof. F. Alayne Street-Perrott (University of Wales Swansea).

6. JOINT ASSOCIATION FOR QUATERNARY RESEARCH

Our relationship with The Geological Society through the JAQR is maintained, 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.

7. EXECUTIVE COMMITTEE

Three members of the Executive committee complete their terms of office in April 2006. Danielle Schreve (Awards officer) and Della Murton (Ordinary Member with responsibility for outreach) have served the QRA extremely well and have earned a rest. As Secretary, I also come to the end of my period of office but won't comment on whether I've done a good job or not. The Executive Committee would like to thank all of the above for their work on behalf of the QRA. We welcomed a new postgraduate member of the Executive Committee in September. Kathryn Rose from the University of Southampton replaces Fionna Ross and will represent the QRA postgraduate community for the next two years.

8. OUTREACH

The Outreach Officer post was created in 2003, broadening the role of the School's liaison post on the Executive Committee. In order to achieve our objectives of advancing education and research in Quaternary science, it is important to reach out to all interested organisations and individuals. 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 many activities of QRA members (public and schools lectures, conferences, publications) support this function in an important way. We also support education through partnerships with statutory conservation agencies.

A major element in our outreach activity is the publication of field guides to various areas of the country, and abroad, and our technical guides. Currently we have 30+ field guides on offer, most of which are available to the public at less than £15. These guides offer the latest research on the Quaternary of their respective areas and so are more up-to-date, more detailed and infinitely cheaper than mainstream publications. The Association also currently has five technical guides in print at £12-17, again more up-to-date and cheaper than their mainstream counterparts. During 2006, a further two field guides and two technical guides will become available. The Association's activities, achievements and research outcomes are reported in the *Quaternary Newsletter*, issued three times a year. The Association is also responsible for the editorship of the *Journal of Quaternary Science*, an international journal with 8 issues a year, distributed throughout the world. Five major meetings were held in 2005/6 with attendance by a variety of members and non-members. A further six meetings will be held in 2006/7. These are all open to members and non-members.

9. 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 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 under 50% of members with working email addresses. This is despite frequent attempts to obtain email contacts from members. We will continue to encourage members to register email contact details.

10. FUTURE ACTIVITIES

A calendar of events exists for 2006 and 2007. Full details are published regularly in the QRA Circular, advertised on the WWW, and on the Geological Society website as they become available.

(a) Field Meetings:

- (i) **Annual Field Meeting:
April 2007 Brecon Beacons**
Organisers: Simon Carr
To be discussed at AGM 2006
- (ii) **Short Field Meeting:
9th-13th May 2006. Isles of Scilly**
Organiser: James Scourse

(b) Discussion Meetings and joint/associated meetings:

- (i) **Annual Discussion Meeting, 5-6 January 2006
The Last British Ice Sheet: Growth, Maximum Extent and Deglaciation**
Organisers: Bill Austin, Colin Ballantyne, Doug Benn, Dave Evans, Danny McCarroll and James Scourse.
Venue: St Andrews
- (ii) **Eleventh QRA Postgraduate Symposium, 29 Aug - 1 Sept 2005**
Organisers: Huw Jones, Bronwen Whitney and Michael Burn
Venue: University of Edinburgh
- iii) **Joint meeting with the British Geomorphological Research Group, 28-30th
June 2006, Geomorphology And Earth System Science**
Organisers: Mark Macklin, Stephen Rice
Venue: Loughborough
- iv) **Geoarchaeology 2006 (Co-sponsored by the QRA) 12-15th September 2006**
Venue: University of Exeter
Organiser: Tony Brown
- iv) **Joint meeting with AFEQ/English Nature, 14-17th September 2006: Cenozoic
history of the English Channel**
Organiser: Martin Bates
Venue: University of Southampton

(c) Planned Publications

- (i) *Quaternary Newsletter* (3 issues) and *Journal of Quaternary Science* (8 issues).
- (ii) Field Guides: To accompany field meetings as arranged.
- (iii) Technical Guides: Two due for publication 2006: *A user's guide to Fungal Palynomorphs* (Blackford & Innes) and *The identification and use of Palearctic chironomids in palaeoecology* (Brooks & Langdon).

Dan Charman
Hon. Secretary
3rd April, 2006

The report was accepted.

vi) ANNUAL REPORT OF THE TREASURER

Treasurer's Report for January 1 – December 31, 2005

1. Overview

The results for the year show a deficit on Unrestricted Income and Expenditure of £3782.44. This is an improvement over 2004 in which there was a deficit of some £7600 in this category. Given our commitment to four guides in the coming year, there is likely to be a larger deficit in the current year. This can be paid for out of the Treasurer's Account for the current year without undue concern, as the account has funds in excess of those needed for the day-to-day running of the Association, and from 2007 a substantial increase in income is anticipated from Wiley royalties for the *Journal of Quaternary Science*. Nevertheless, the situation will be monitored closely.

The Association has net monetary assets of £67395, of which just over £15,000 is ring-fenced to ensure that the Association has sufficient funds to meet any commitments should a major setback occur and £15254 is restricted for the purposes of the Bill Bishop Memorial Trust. Thus for the present our funds are adequate and the Executive Committee will be able to continue to support Quaternary research and Quaternary outreach.

2. Income

(a) Membership

Subscription income has risen slightly since last year. This is disappointing and some members are continuing to pay at the old rate despite reminders in the past. Further personal reminders will be sent out this year to recoup lost funds for this and last year.

(b) Royalties.

Income from the *Journal of Quaternary Science* royalties declined by c. £700 from 2004, 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 in 2007.

(c) Donations

Members will be pleased to learn of donations amounting to £115.

3. Expenditure

Total Running Expenditure for 2005 was approximately £6000 higher than in 2004. This is explained by, first, all Newsletter printing costs for 2005 together with a carried-over bill of c. £1900 from 2004 actually paid in 2005. This accounts for approximately £4000. Second, it was agreed by the Exec at the last AGM in Galway to increase administrative support (dealing, for example, with Newsletter distribution and packing and posting of publications) which accounts for the remaining £2000. This last sum, therefore, is a better guide to the increase in these costs in 2005. Executive meetings were of a similar cost (c. £3000) to those in 2005 and remained fairly high because of relatively high travel costs for the AGM in Galway. Other running expenditure items remain similar to those in 2004.

4. Reserve Fund

The QRA has a reserve fund in a separate interest-earning deposit account with funds of some £15300, which in the normal turn of events remains 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. They were reviewed at the January 2006 meeting of the Executive Committee and will henceforth be reviewed annually. The Committee was agreed that the Reserve Fund was 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 2005 was in its second year of operation. The second presentation of the Lewis Penny Medal was made in Galway at the Annual Field Meeting to Dr Colm O'Cofaigh.

6. Auditing

Prof. Danny McCarroll (*Member Examiner*) and Mr Tim Fearnside (*External Examiner*) were approved as examiners for the accounts of the Association by the Executive Committee in January 2006. They are warmly thanked for taking on this task at no cost to the Association.

Dr Rick Shakesby
Treasurer

The Treasurer's report was accepted without modification and Rick Shakesby was thanked for his efforts on behalf of the Association.

SUMMARY OF ANNUAL ACCOUNTS: 1 January - 31 December 2005

2004		2004		2004		2005		2005		2005	
Unrestricted	Restricted		Restricted	Total		Unrestricted	Restricted	Total	Unrestricted	Restricted	Total
£		£		£	INCOME (2005)	£		£	£		£
13075.30		13075.30		13075.30	Subscriptions	13241.20		13241.20	13241.20		13241.20
13075.30	0.00	13075.30		13075.30	Total Running Income	13241.20		13241.20	13241.20		13241.20
4679.12		4679.12		4679.12	Sales	7047.39		7047.39	7047.39		7047.39
4679.12	0.00	4679.12		4679.12	Total Publications Income	7047.39		7047.39	7047.39		7047.39
335.56		335.56		335.56	Surplus on Meetings	680.85		680.85	680.85		680.85 (PALPEAT refund)
1105.31		1105.31		1105.31	Interest Received on Bank Accounts	1042.98		1042.98	1042.98		1042.98
2972.00		2972.00		2972.00	Royal Society: INQUA Subscription Support	3182.00		3182.00	3182.00		3182.00
0.00		0.00		0.00	Royal Society: support for delegates to INQUA Conf	0.00		0.00	0.00		0.00
17747.60		17747.60		17747.60	Publisher's Royalties Received	17056.35		17056.35	17056.35		17056.35
65.00		65.00		65.00	Meetings receipts: Quaternary Research Assoc						
15171.31		15171.31		15171.31	Meetings receipts: Euromam	0.00		0.00	0.00		0.00
406.85		406.85		406.85	Returned grants	22.50		22.50	22.50		22.50
259.51		259.51		259.51	Donations	115.44		115.44	115.44		115.44
0.00	15254.52	15254.52		15254.52	Bill Bishop Memorial Fund		0.00	0.00	0.00		0.00
					Other income	105.85		105.85	105.85		105.85
38063.14	15254.52	53317.66		53317.66	Total Other Income	22205.97		22205.97	22205.97		22205.97
55817.56	15254.52	71072.08		71072.08	Total Income	42494.56		42494.56	42494.56		42494.56
EXPENDITURE (2005)											
6771.61		6771.61		6771.61	Newsletters & Circulars	13067.86		13067.86	13067.86		13067.86
3089.48		3089.48		3089.48	Executive Committee Meetings	3019.23		3019.23	3019.23		3019.23
45.27		45.27		45.27	Other Exec expenses	73.40		73.40	73.40		73.40
630.00		630.00		630.00	Insurance	630.00		630.00	630.00		630.00
231.64		231.64		231.64	Bank Charges						
292.58		292.58		292.58	Web Site Costs	289.04		289.04	289.04		289.04
11060.58	0.00	11060.58		11060.58	Total Running Expenditure	17079.53		17079.53	17079.53		17079.53
9579.70		9579.70		9579.70	Printing	9016.65		9016.65	9016.65		9016.65
595.33		595.33		595.33	Postage	16.23		16.23	16.23		16.23
52.66		52.66		52.66	Bank charges	147.46		147.46	147.46		147.46
68.55		68.55		68.55	Sub-Committee Expenses	0.00		0.00	0.00		0.00
140.61		140.61		140.61	Stationery	59.25		59.25	59.25		59.25
199.75		199.75		199.75	Miscellaneous	0.00		0.00	0.00		0.00
0.00		0.00		0.00	Refunds	0.00		0.00	0.00		0.00
10636.60	0.00	10636.60		10636.60	Total Publications Expenditure	9239.59		9239.59	9239.59		9239.59
515.00		515.00		515.00	Meetings expenditure	122.55		122.55	122.55		122.55 (Nene Valley Field mtg)
265.00		265.00		265.00	Refund/Reimbursement	220.00		220.00	220.00		220.00
3479.99		3479.99		3479.99	Research Grants NRWA	4140.00		4140.00	4140.00		4140.00
3483.77		3483.77		3483.77	QRF	2024.50		2024.50	2024.50		2024.50
2130.00		2130.00		2130.00	QCF	2420.00		2420.00	2420.00		2420.00
130.00		130.00		130.00	QRA Conf Fund	166.14		166.14	166.14		166.14
0.00		0.00		0.00	Delegates to INQUA	0.00		0.00	0.00		0.00
1770.19		1770.19		1770.19	Lewis Penny Award	100.00		100.00	100.00		100.00
					Lewis Penny Award (engraving)	12.98		12.98	12.98		12.98
					Bill Bishop Memorial Fund Award	797.50		797.50	797.50		797.50
776.00		776.00		776.00	Postgraduate Conference cost	345.73		345.73	345.73		345.73
12457.13		12457.13		12457.13	INQUA subscription	6208.88		6208.88	6208.88		6208.88
16711.63		16711.63		16711.63	Euromam	1000.00		1000.00	1000.00		1000.00
					QUAVER	750.00		750.00	750.00		750.00
					AHOB	1208.75		1208.75	1208.75		1208.75
					Other expenditure	440.85		440.85	440.85		440.85
41718.71	0.00	41718.71		41718.71	Total Other Expenditure	19957.88		19957.88	19957.88		19957.88
63415.89		63415.89		63415.89	Total Expenditure	46277.00		46277.00	46277.00		46277.00
-7598.33		7656.19		7656.19	NET SURPLUS(+)/DEFICIT(-)	-3782.44		-3782.44	-3782.44		-3782.44

vii) ANNUAL REPORT OF THE PUBLICATIONS SECRETARY

1. Publication Activity 2005

1.1 Field Guides 2005

Field Guide publication was healthy in 2005. 3 guides were published this year, the *Nene Valley* (Langford & Briant), although this was given a published date of 2004, as well as *Central Western Ireland* (Coxon) and *Rosendale Forest and Greater Manchester* (Crofts) which were associated with the 2005 field meetings.

1.2 Field Guides 2006

Copies of the *Somerset* guide (Hunt & Haslett) should be with you or will be available shortly. Preparation is well under way for the *Isles of Scilly* (Scourse) for the May short field meeting.

1.3 Technical Guides

No Technical Guides were published in 2005, although 2 are scheduled for 2006, namely *A user's guide to Fungal Palynomorphs* (Blackford & Innes) and *The identification and use of Palearctic chironomids in palaeoecology* (Brooks & Langdon). 2 other TGs are currently in the pipeline for production in 2007:

- Modelling Pollen Dispersal and Deposition: the PolLandCal approach (Bunting *et al*)
- Tephrochronology: Theory & Practice (Hunt & Blockley)

A proposal has also been put forward to produce a second edition of TG3 (or new TG) titled *Clast [Lithological] Analysis* (Bridgland).

2. Sales

Publications mail order sales during 2005 (excludes field meeting sales, bookstalls)

Total sales 471 guides as opposed to 151 in 2004.

3. QRA Publications Account

Activity on the QRA Publications account in 2005 is summarized below:

2005	Credit				Total Credit	Debit						Total Debit	Running Balance from 01.01.05
	Interest Current	Book sales	Misc.	Memb.-ship		Print Costs	Station.	Postage	Refund	Misc.	BoS charges		
J	6.49	0.00	0.00	0.00	6.49	0.00	0.00	0.00	0.00	0.00	10.00	10.00	4368.44
F	6.22	2088.50	0.00	70.00	2164.72	0.00	0.00	0.00	0.00	0.00	10.00	10.00	6523.16
M	4.17	0.00	0.00	0.00	4.17	3917.00	59.25	16.23	0.00	0.00	18.88	4011.36	2515.97
A	3.93	752.40	0.00	190.00	946.33	0.00	0.00	0.00	0.00	0.00	10.00	10.00	3452.30
M	1.77	120.80	0.00	0.00	122.57	2664.00	0.00	0.00	0.00	0.00	12.70	2676.70	898.17
J	0.77	90.82	0.00	0.00	91.59	0.00	0.00	0.00	0.00	0.00	10.00	10.00	979.76
J	1.08	1477.03	0.00	0.00	1478.11	0.00	0.00	0.00	0.00	0.00	10.00	10.00	2447.87
A	3.46	90.00	0.00	0.00	93.46	0.00	0.00	0.00	0.00	0.00	13.24	13.24	2528.09
S	4.38	1380.89	0.00	20.00	1405.27	0.00	0.00	0.00	0.00	0.00	10.00	10.00	3923.36
O	5.87	472.40	0.00	110.00	588.27	0.00	0.00	0.00	0.00	0.00	20.83	20.83	4490.80
N	4.52	0.00	0.00	0.00	4.52	2435.65	0.00	0.00	0.00	0.00	11.81	2447.46	2047.86
D	3.39	574.55	0.00	60.00	637.94	0.00	0.00	0.00	0.00	0.00	10.00	10.00	2675.80
Total	46.05	7047.39	0.00	450.00	7543.44	9016.65	59.25	16.23	0.00	0.00	147.46	9239.59	

**BoS charges included CC facility (£10 minimum)
Sales of Field and Technical Guides**

Title	Copies Sold 2005	No. of copies held
FIELD GUIDES		
Rossendale Forest & Greater Manchester	31	307
Quaternary of Central Western Ireland	74	162
Nene Valley	20	239
Quaternary Mammals of S & E England	28	164
Central Grampian Highlands	22	263
Isle of Man & North West England	38	259
Glen Affric & Kintail	8	285
W. Highland Boundary	45	142
South-West Ireland	6	281
Central Germany (Thuringia)	1	86
East Yorkshire & North Lincolnshire	8	173
West Wales	10	94
Banffshire Coast and Buchan	6	139
Norfolk & Suffolk	11	50
Dumfries & Galloway	3	153
West Cornwall	8	96
North East England	8	178
Kent & Sussex	6	136
Eastern Yorkshire Dales	6	9
South Midlands & Welsh Marches	8	204
Islay & Jura	6	133
Devon & East Cornwall	11	148
Cairngorms	5	266
Orkney Isles	11	29
Assynt & Coigach	6	4
Lower Reaches of the Thames	7	21
Cumbria	8	88
Jersey	3	172
Shetland Isles	8	32
South West Scottish Highlands	9	11
Central East Anglia & the Fen Basin	6	61
Beaulieu to Nairn	3	23
TECHNICAL GUIDES		
No.4 Quaternary Dating Methods	13	37
No. 5 Statistical Modelling of Quat. Science Data	1	1
TG 6 Environmental Magnetism	4	7
No.7 Description & Analysis of Quat. Strat. Field Sections	3	0
No.8 Non-marine ostracods and Quaternary Palaeoenvironments	12	418
No.9 The Identification of Testate Amoebae in Peats	19	371
QP 6 Mountain Glaciation	5	180

Points to note:

- Book sales from 2005 was ca. £2500 up compared with 2004. The major outgoings, print costs, were though still £2000 greater than sales. Current indications are that sales this year will continue to increase, and an optimistic projection would suggest that they might reach £8000+ (£9000 perhaps with increased TGs available as well). This, however, does still not offset printing costs for an average of 3 guides per year. As 4 guides are to be produced this year (x2 FG + x2 TG), plus the possibility of reprinting 2 TGs, extra funds for the publications account will be sought from the general account, in the region of ca. £5000 (see treasurers report).

- The outsourcing of direct sales to Val Siviter has made a big difference to the time available to the publications secretary for pursuing other aspects of the job rather than just fire-fighting sales.

Peter Langdon
March 2006

The report was accepted and Pete Langdon was thanked for his efforts.

viii) ANNUAL GENERAL MEETING VENUES

Simon Carr outlined a proposal for the Annual Field Meeting for 2007 to be held in the Brecon Beacons. The proposal for the meeting was formally agreed and details will appear in future circulars.

ix) ELECTION OF EXECUTIVE COMMITTEE

A list of candidates nominated by the Executive Committee was published in the October 2005 Circular. No further nominations had been received. The composition of the Executive Committee for 2006-2007 would therefore be:

President:	Prof J. Lowe	Royal Holloway
Vice-President:	Prof P. Coxon	Trinity, Dublin
Secretary:	Dr S. Lewis	Queen Mary
Treasurer:	Dr R. Shakesby	Swansea
Newsletter Editor:	Dr T. Mighall	Coventry
Publications Secretary:	Dr P.G. Langdon	Exeter
Editor, JQS:	Prof C.J. Caseldine	Exeter
Publicity Officer:	Dr J. Jordan	Exeter
Awards Officer:	Dr M. Frogley	Sussex
Ordinary members:	Dr S. Carr (Meetings)	Oxford Brookes
	Dr N. Glasser (Conservation)	Aberystwyth
	Dr J. Heathcote (Membership)	English Heritage
	Dr David Anderson (Outreach)	Eton College
	Dr R. Briant	Queen Mary
Postgraduate members:	Ms K. Rose	Southampton
	Ms L Yorke	Hull

The Vice President warmly thanked all outgoing members of members of the Executive Committee.

x) ANY OTHER BUSINESS

PC thanked the organisers of the meeting in Cheddar.

There being no other business the meeting closed at 9.05pm.

4. 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 9.05pm on Wednesday 5th April, 2006, at the Bath Arms Hotel, Cheddar, Somerset

i) APOLOGIES FOR ABSENCE

Apologies were received from John Lowe, David Anderson, Rebecca Briant, Chris Caseldine, Neil Glasser, Jason Jordan, Jen Heathcote, Danielle Schreve, Della Murton, Kathryn Rose, James Scourse.

ii) MINUTES OF THE LAST ANNUAL GENERAL MEETING

The Minutes of the Annual General Meeting of the Joint Association for Quaternary Research (Quaternary Research Association and the Geological Society) held at 9.20pm. on Thursday 7th April 2005 in the Imperial Hotel, Galway, were published in the June 2005 Circular of the QRA and were accepted as a true record of that meeting and signed by the Chairman.

iii) CHAIRMAN'S BUSINESS

The Chairman, Prof. John Catt, outlined the role of the JAQR as a link organisation between the QRA and the Geological Society of London. He highlighted the importance of participation in the GS Standing Committee on Science and the continued development of joint meetings. He also wished to make members aware of the GS Bicentennial Conference in September 2007 in which JAQR is playing a key role. Other QRA activities were expected to be formally associated with the GS Bicentennial in 2007.

iv) REPORT ON JAQR ACTIVITIES 2002-2003

The JAQR Chair had attended the meetings of the Science Committee of The Geological Society of London at Burlington House over the past year. There had been two joint meetings with the Geological Society this year:

Joint meeting with the International Association of Sedimentologists, 23-27th Aug 2005: Glacial Sedimentary Processes and Products

Organisers: Michael Hambrey, Neil Glasser, Bryn Hubbard, Martin Siegert, Peter Jansson
Venue: Aberystwyth

Joint meeting with the Marine Studies Group of the Geological Society, 3-4th October 2005: Biogeochemical controls on palaeoceanographic proxies

Organisers: Rachel James, Bill Austin, Leon Clarke, Ros Rickaby
Venue: Geological Society, London

v) FUTURE PROGRAMME OF THE JAQR

Two joint meetings were planned for 2006/7:

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

Organisers: Mark Macklin, Stephen Rice

Venue: Loughborough

A further proposal was awaiting formal approval for March 2007.

vi) ELECTION OF OFFICERS

The proposed office holders were accepted:

Chairman	Professor J Catt (2004-2007)
Secretary:	Dr S. Lewis (2006-2010)
Representing the QRA:	Professor Phil Gibbard (2004-2007)
	Dr Simon Carr (2006-2009)
Representing the Geological Society:	Professor D.H. Keen (2004-2007)
	Professor J.D. Scourse (2005-2008)

The terms of office for members had been clarified, following comments at last year's AGM. It was noted that the constitutional arrangements for JAQR might need review in future.

vii) ANY OTHER BUSINESS

There being no other business the meeting closed at 9:20pm

5. XVII INQUA CONGRESS 2007

The XVII INQUA Congress will take place in Cairns, Australia from 28th July to 3rd August 2007. Information on the Congress can be obtained from the Congress website where you can also register to receive further information as it becomes available.

<http://www.inqua2007.net.au>

For further information about INQUA, contact Prof. Pete Coxon, Secretary General, International Union for Quaternary Research (INQUA), Department of Geography, Museum Building, Trinity College, Dublin 2, Ireland. <http://www.inqua.tcd.ie/>

6. QUATERNARY NEWSLETTER

Copy for the October 2006 edition of *QN* should be in the hands of the Newsletter Editor, Dr Tim Mighall (Dr Email: t.mighall@abdn.ac.uk, Department of Geography and Environment, University of Aberdeen, Elphinstone Road, Aberdeen, AB24 3UF, UK), no later than 1st September 2006.

<p>7. JOINT MEETING WITH THE BRITISH GEOMORPHOLOGICAL RESEARCH GROUP ON GEOMORPHOLOGY AND EARTH SYSTEM SCIENCE 28-30th June 2006, University of Loughborough</p>
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Rationale

Earth System Science (ESS) is a rapidly emerging paradigm within the geosciences, one of the principal implications of which is the need to understand the relationship between earth surface processes and global change resulting from climatic fluctuations, tectonics and human impact. The science of Geomorphology underpins the study of earth surface dynamics yet the geomorphological community has been relatively slow to engage with recent developments in cognate disciplines that are revealing how the earth system functions and how change is manifested (and propagated) regionally and globally. Conversely, exciting new work on the measurement and modelling of earth surface processes by geomorphologists is being significantly underused to help interpret or validate the results of the ESS community.

Purpose

This conference will, for the first time, critically review the position and role of Geomorphology within ESS with the intention of initiating a dialogue between geoscientists (including relevant social scientist), particularly those who are actively involved in managing and mitigating the effects of environmental change. One of the anticipated outcomes is an improved knowledge of how, and at what rate, climate change, tectonics and human impact signals are processed, propagated and recorded by geomorphic systems. Sessions will consider the relations between environmental change and geomorphic systems over instrumental, Holocene and longer timescales.

Dates and Venue

The meeting will be convened on behalf of the British Geomorphological Research Group (<http://www.bgrg.org/>) by Mark Macklin (Aberystwyth) and Stephen Rice (Loughborough) and will held at the University of Loughborough (<http://www.lboro.ac.uk/>) from Wednesday June 28th to Friday June 30th 2006.

Programme

The conference will be structured around a series of plenary sessions that consider different geomorphological systems (e.g. coastal, glacial) and cross-cutting, integrative themes (e.g. modelling, tectonics, geochronology, human-environment interactions). Each plenary session will include a keynote paper and additional oral presentations. There will also be a dedicated session for publication-quality posters. The Keynote Address will be given by Keith Richards (Cambridge) and invited speakers include Julian Dowdeswell (Cambridge), Rob Kemp (Royal Holloway), Alayne Street-Perrott (Swansea), Ian Shennan (Durham) and David Thomas (Oxford).

Publications

Publication of papers and posters will be in a series of journal special issues including the BGRG's journal *Earth Surface Processes & Landforms*.

Abstracts

Submission of abstracts for this meeting is now closed.

For full and up to date information go to: <http://info.lboro.ac.uk/departments/gy/gess.html>

**8. QRA 5th INTERNATIONAL POSTGRADUATE SYMPOSIUM
29th AUGUST to 1st SEPTEMBER 2006, University of Edinburgh**

Registration is now open for all postgraduate research students wishing to attend the QRA 5th International Postgraduate Symposium at the Institute of Geography, University of Edinburgh. Building upon recent successes in Plymouth and Brussels, we hope to continue the Symposium's tradition in 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.

Two registration packages are on offer, with discounts for early registration. Both registration packages include tea, coffee and lunch throughout the conference, evening wine reception (Tuesday 29th August), conference dinner (Thursday 31st August), field day (Friday 1st September) and a book of abstracts.

- Basic £38 (before 5th June 2006) £48 (after 5th June 2006)
- Basic + 3 nights Bed and Breakfast £110 (before 5th June 2006) £120 (after 5th June 2006)

For more information about the Symposium and how to register please visit the web site:

<http://www.geos.ed.ac.uk/conferences/qrapg2006>

**9. GEOARCHAEOLOGY 2006 (Co-sponsored by the QRA)
University of Exeter, 12th-15th September 2006**

CALL FOR PAPERS AND POSTERS

The conference will cover all aspects of geoarchaeology but sessions will include:

- Fluvial geoarchaeology, floodplains and terraces
- Coastal environments and archaeology
- Geoarchaeology and environmental change
- Soils and archaeology
- New techniques in geoarchaeology

In addition there will be a session devoted to recent Aggregate Levy Sustainability Fund (ALSF) Projects

Invited keynote speakers include Karl Butzer, Graeme Barker and Jim Rose

Further details will be sent out by email and will be available at <http://www.ex.ac.uk/sogaer/>

For pre-registration and to receive the first circular, please email the details below to Tony Brown (a.g.brown@exeter.ac.uk): Name, Address, Email, Provisional title of paper.

<p>10. GROUP MANCHE MEETING (QRA/AFEQ/ENGLISH NATURE) CENOZOIC HISTORY OF THE ENGLISH CHANNEL University of Southampton, 14th-17th September 2006</p>
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Announcement and Call for papers

The Quaternary history of the English Channel has most recently been reviewed in a special issue of the Journal of Quaternary Science produced by Groupe Manche members. This emphasised the importance of the channel region to a wide range of specialists including geographers, geologists, biologist, archaeologists and climate specialists, and a wide range of topics were covered in these reviews. More recently within the British sector of the channel substantial funding has been made available by English Heritage in the last 3 years for evaluation of the submarine component of the archaeological record and its associated geological and biological context. We propose that a review of all the relevant projects working in or adjacent to the channel is now timely and necessary in order to direct research priorities over the next decade. It is proposed that this meeting addresses these issues through a series of presentations and group discussions.

Proposed subject areas:

- Modelling Quaternary sediments in the submarine zone: methods and results
- Integration of the marine and terrestrial records of the Channel region
- Ecology and landscapes of the Channel floor area during periods of emergence
- Human occupation and utilisation of the Channel floor region: fact or fiction?

Venue and timing

This meeting will be held at the University of Southampton between Wednesday 13 September and Sunday 17 September 2006 and has been arranged to include 2 days of formal meetings with an additional 2 days visiting areas of importance to the evolution of the Channel area in the Sussex/Hampshire Coastal Corridor and the Solent region.

Outline Programme

Arrive Southampton, evening Wednesday 13th September
Presentations and discussions, Thursday 14th and Friday 15th
Field trips to coastal sites, Saturday 16th and Sunday 17th am
Depart Sunday 17th afternoon

Contact in Britain:

Dr. Martin Bates,
Department of Archaeology,
University of Wales, Lampeter,
Lampeter, Ceredigion,
Wales, UK SA48 7ED

m.bates@lamp.ac.uk

<p>11. QRA ANNUAL DISCUSSION MEETING THE GROWTH, MAXIMUM EXTENT AND DEGLACIATION OF THE LAST BRITISH ICE SHEET University of St Andrews, 4-5th January 2007</p>

A two day meeting with an optional field excursion, Saturday 6th January 2007:

A transect from the coast of Fife to the Drumochter Pass.

Leader: Professor Colin Ballantyne.

Organizing Committee

Dr William Austin (University of St Andrews)
Professor Colin Ballantyne (University of St Andrews)
Dr Doug Benn (University of St Andrews / UNIS)
Dr David Evans (University of Durham)
Professor Danny McCarroll (University of Swansea)
Professor James Scourse (University of Wales)

Address for correspondence:

QRA 2007 Secretariat
School of Geography and Geosciences
University of St Andrews
Irvine Building
North Street
St Andrews, Fife, KY16 9AL
Phone: 01334 462894
Fax: 01334 463949
Email: gg@st-andrews.ac.uk

Web: <http://www.st-andrews.ac.uk/gg/>

Information on Abstract submission can be found overleaf.

A registration form can also be found in this Circular.

CALL FOR ABSTRACTS & INSTRUCTIONS TO AUTHORS

QRA Annual Discussion Meeting, 2007
The Growth, Maximum Extent and Deglaciation of the last British Ice Sheet
The University of St Andrews
4-5th January 2007

Deadline: Abstracts for oral or poster presentations at the meeting must be submitted by 1 November 2006.

Notification of Acceptance: 30 November 2006

Correspondence Information

Send abstracts in Word format by e-mail to:

Helen Olaez ho10@st-andrews.ac.uk

If you have any questions, please email Helen or call her on 01334 462894.

Include the full name, professional title, department, full address, telephone, fax, and e-mail of the presenting author. The presenter will receive all correspondence about abstract acceptance and will be responsible for transmitting this information to any co-authors. Please let us know your preference for oral or poster presentation.

Abstract Format

The text of the abstract must be 400 words or less. Use font Times New Roman, size 12.

Abstract titles 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. Identify each author and corresponding address with numbered superscripts.

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.

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). 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
tel: 01273 873237

The main schemes and deadlines are:

Quaternary Research Fund

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: 15th January, 15th May and 15th September

Awards: £50-500

New Research Workers' Awards

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: 15th January, 15th May and 15th September

Awards: Up to £500

Quaternary Conference Fund

To assist attendance at Quaternary science conferences and field meetings.

Eligibility: Members of the QRA of at least one year's standing

Deadlines: 15th January, 15th May and 15th September

Awards: Normally up to £250

The Bill Bishop Award

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: 15th January annually

Maximum award: £800

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: 15th November annually.

QRA-RLAHA Luminescence Dating Award

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 15th annually.

Postgraduate QRA Meetings Awards

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 15th**

For September Short Field Meeting: **May 15th**

For January Annual Discussion Meeting: **September 15th**

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

13. JOURNAL OF QUATERNARY SCIENCE

John Wiley offers *Journal of Quaternary Science* to members of the QRA at £60 per year for the eight issues of 2006. Postgraduate member rates are even lower at £30 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

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

14. QUATERNARY SCIENCE REVIEWS, THE HOLOCENE AND BOREAS

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

The Holocene and *Boreas* are 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>

15. BRITISH GEOLOGICAL SURVEY SCHOOL OF FIELD GEOLOGY

The British Geological Survey has established a School of Field Geology, which aims to support teaching of field mapping skills to PhD students at UK university geoscience departments. Funds are available from BGS for a limited number of PhD students to attend our core courses. Two of the courses, which are run by and for BGS staff, specifically relate to training in Quaternary mapping techniques in Devensian and Anglian terrains. The Lowland Quaternary Field Mapping Course, based in the Vale of York and East Anglia, is scheduled to be run from 18-29 September 2006. The Upland

Quaternary Field Mapping Course, based in the Inverness area, is scheduled for 21-29 September 2006. Nominations to receive funding to attend either of these courses are required by 31 July 2006. Successful courses have been run as mix of BGS staff and postgraduates, and the Survey is keen to extend this invitation to other postgraduates.

Details on all of the School of Field Geology courses and how to apply to attend are available at www.bgs.ac.uk/services/school/home.html or by contacting:

Dr Colin Waters, School of Field Geology Manager, BGS, Kingsley Dunham Centre, Keyworth Notts NG12 5GG. Tel: +44 (0)115 9363144 or Email: cnw@bgs.ac.uk .

16. PALAEOLITHIC-MESOLITHIC CONFERENCE IN HONOUR OF JOHN WYMER British Museum, London 21st-22nd September 2006

This year's Palaeolithic-Mesolithic Meeting is to be held in honour of John Wymer, who sadly died in February this year. The meeting will be at the British Museum on the 21st and 22nd September 2006. The first day will consist of a series of papers by former colleagues and friends of John's covering new work that reflects the full breadth of his interests. Contributions will include papers by Simon Parfitt, Jim Rose, Chris Stringer, John McNabb, Mark White, Pablo Arias, Jean Clottes and Roger Jacobi. For the second day there is a call for short papers on recent research. As an innovation, there will be a £100 book token award to the best paper presented by contributors who have been full-time or part-time students at some point in the past three years.

For further details, please contact Nick Ashton, Department of Prehistory & Europe, British Museum, Franks House, 56 Orsman Road, London N1 5QJ, or email: nashton@thebritishmuseum.ac.uk

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, Oxford Brookes University, Gipsy Lane Campus, Headington, Oxford, OX3 0BP, Email: sjcarr@brookes.ac.uk

28th - 30th June 2006

Joint Meeting with the British Geomorphological Research Group On Geomorphology And Earth System Science

Venue: University of Loughborough

Organisers: Mark Macklin, Stephen Rice

Contact: Mark Macklin, mvm@aber.ac.uk

See details in this circular

29th August - 1st September 2006

QRA 5th International Postgraduate Symposium

Venue: University of Edinburgh

See details in this circular

12th - 15th September 2006

Geoarchaeology 2006 (Co-sponsored by the QRA)

Venue: University of Exeter

Organiser and contact: Tony Brown, a.g.brown@exeter.ac.uk
See details in this circular

14th - 17th September 2006

**Group Manche Meeting (QRA/AFEQ/English Nature)
“Cenozoic History of the English Channel”**

Venue: University of Southampton,

Organiser and contact: Martin Bates, m.bates@lamp.ac.uk

See details in this circular

4th – 5th January 2007

QRA Annual Discussion Meeting

“The Growth, Maximum Extent and Deglaciation of the last British Ice Sheet”

Venue: University of St Andrews

Organisers: Bill Austin, Colin Ballantyne, Doug Benn, Dave Evans, Danny McCarroll and James Scourse.

e-mail: Bill Austin, wena@st-andrews.ac.uk

See details and registration form in this circular

April 2007

Annual Field Meeting: Brecon Beacons

Venue: Brecon

Organisers: Simon Carr, Chris Coleman, Dave Evans

Contact: Simon Carr, sjcarr@brookes.ac.uk

Email: sjcarr@brookes.ac.uk

May 2007

Short Field Meeting: Trent Valley

Venue: TBA

Organiser: Andy Howard, David Bridgland and Mark White

Contact: Andy Howard

Email: a.j.howard@bham.ac.uk

September 2007

Short Field Meeting Northern East Anglia

Venue: Norwich/Cromer

Organisers: Jonathan Lee, Ian Candy, Anna Jarrow, Brian Moorlock

Contact: Jonathan Lee

Email: jrlee@bgs.ac.uk

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: J.T.Jordan@exeter.ac.uk

QRA Circular compiled for QRA members by

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