

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 1st**. Please pay promptly either by **STANDING ORDER** before this date or by **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.

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 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) 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. NOTICE OF THE ANNUAL GENERAL MEETING OF THE QUATERNARY RESEARCH ASSOCIATION

**The 44th Annual General Meeting of the Quaternary Research Association
will take place on Monday 5th January at 19:00 hours*in St Anne's College, Oxford
Chair: Professor James Scourse (President)**

* a later start time may be necessary if the preceding AGM of the JAQR over-runs.

3. NOTICE OF THE ANNUAL GENERAL MEETING OF THE JOINT ASSOCIATION FOR QUATERNARY RESEARCH

**The Annual General Meeting of the Joint Association for Quaternary Research
will take place on Monday 5th January at 18:30 hours in St Anne's College, Oxford
Chair: Dr Simon Carr**

AGENDA

1. Apologies
2. Minutes of the last AGM (published in February 2008 Circular)
3. Proposal to dissolve the JAQR (see below)
4. AOB

Proposal to dissolve the Joint Association for Quaternary Research

Background to the JAQR

The Joint Association for Quaternary Research (JAQR) was proposed and set-up as a bridging organisation between the Geological Society and the QRA in the late 1980s. All members of the QRA are automatically members of the JAQR. The role of the JAQR has been five-fold:

- The activities of the QRA are advertised within the Geological Society as a 'Specialist Group', with meetings publicised in GeoScientist;
- The JAQR provides a means of improved access to Burlington House for JAQR/QRA sponsored meetings;
- As a registered 'specialist group', the JAQR is accorded a seat on the Geological Society Science Committee, which co-ordinates meeting and publication activity, including the prestigious William Smith and Lyell meetings;
- Membership of the Science Committee also allows the JAQR to make nominations for the various Geological Society Awards and Medals. Quaternary Scientists have had significant success in being awarded prestige society medals;
- At the time of the establishment of the JAQR, the constitution of the Geological Society required the setting up of a bridging organisation, rather than direct affiliation, to provide the benefits noted above.

However, with a few exceptions, when directly JAQR-sponsored meetings have run at the Geological Society in the 1990s, the JAQR has operated as something of a 'virtual' society, with no clearly defined role other than providing this very useful link with the Geological Society.

Is the JAQR still necessary?

The JAQR Executive (JAQR Chair, QRA President and Secretary, and 3 ordinary members) met in June 2008 to discuss the future of the JAQR. The JAQR chair has also met with the President and Executive Officer of the Geological Society to discuss the implications of changing the nature of affiliation between the QRA and Geological Society. Changes to the Geological Society constitution mean that the barriers to direct affiliation no longer exist, and that dissolution of the JAQR in favour of direct affiliation would result in no change in the benefits to the QRA. This would result in a situation similar to that of the British Society for Geomorphology, which has direct affiliation with the Geological Society.

Whilst the QRA wishes to retain close affiliation with the Geological Society, having a specific structure 'tying' the QRA to the Geological Society may no longer be necessary or appropriate. A recent survey identified that fewer than 100 QRA members (~10% of QRA members) are currently Fellows of the Geological Society, which is far below what the Geological Society requires for a formally constituted 'Joint Association' (~50%).

The JAQR Executive unanimously agreed that under these circumstances the JAQR is no longer a necessary structure, that streamlining the relationship between the QRA and Geological Society would be desirable, and a more direct connection would promote more active collaboration between the two societies. This was reported back to the Geological Society and QRA Executive, with agreement from both bodies that a motion for dissolution of the JAQR should be proposed at the next JAQR AGM.

The Proposal

The Executive Committee of the JAQR, in agreement with the QRA Executive Committee and Geological Society of London, propose the motion that the JAQR should be dissolved with immediate effect in favour of direct affiliation between the QRA and Geological Society.

This proposal will form the substantive item for discussion at the forthcoming JAQR Annual General Meeting, to be held on 5th January, 2009, in Oxford. If any members of the QRA* would like to discuss this issue in more detail with the JAQR chair prior to the meeting, they should contact the chair at the address below before Monday 15th December.

Dr Simon J. Carr (JAQR Chair)
Department of Geography,
Queen Mary, University of London,
Mile End,
London,
E1 4NS
s.j.carr@qmul.ac.uk

* All members of the QRA are automatically members of the JAQR and therefore have the right to vote on this issue at the AGM.

4. ELECTIONS TO THE EXECUTIVE COMMITTEE OF THE QRA 2009

Five members of the QRA Executive Committee complete their terms of office in January 2009: Rick Shakesby (Treasurer), Pete Langdon (Publications Secretary), Jason Jordan (Publicity Officer), David Anderson (Outreach Officer) and Becky Briant (Ordinary Member). The Executive Committee has nominated the following people for election to these posts. No other nominations were received by the closing date; therefore the following will begin their terms of office in January 2009.

Treasurer:	Dr Peter Allen
Publications Secretary:	Dr Nick Golledge
Publicity Officer:	Dr Fabienne Marret
Outreach Officer:	Dr David Anderson
Ordinary Member:	Professor Chris Turney

Simon Lewis (Secretary)

QRA Publications

The QRA currently has field guides to over thirty destinations available for purchase. Recent additions to the series include:

The Quaternary of Glen Roy and vicinity (Palmer et al.) 2008
The Quaternary of the North of Ireland (Whitehouse et al.) 2008.
The Quaternary of the Brecon Beacons (Carr et al.) 2007

The Technical Guide series includes:

No. 10 *The Identification and Use of Palaearctic Chironomidae larvae in Palaeoecology*. (Brooks et al) 2007.
No. 7 *The Description and Interpretation of Quaternary Stratigraphic Field Sections* (Jones et al.) 1999 (Digitally reprinted version).

More details on QRA publications and an order form can be found on the website (www.qra.org.uk). If you are interested in producing a technical guide please contact the Publications Secretary. If you have a suggestion for a field meeting and accompanying guide book please contact the Meetings Officer.

The Human Dimension in Rapid Environmental Change

University of Oxford
5-7th January 2009.

Abstract submission for oral and poster presentations, within any of the main conference themes, is now open.

Key themes include:

- The geographical backdrop to human colonisation and dispersal.
- Links between abrupt environmental change and 'step changes' in human adaptation and development through the ages.
- Dryland environments.
- High precision archives of past environmental and human change.
- Hominin evolution, interactions and extinctions.
- Interactions of the environment and agricultural development.
- Biological (DNA) evidence for human dispersal and development.

Abstracts should be no more than 500 words in length and all authors should be listed below the title. The presenting author should be highlighted in bold. Please indicate ORAL or POSTER presentation preferences.

Abstracts will be considered for acceptance by a science committee and should be sent to qra.conf@rlaha.ox.ac.uk

Abstract submission deadline: Monday 20th October 2008

Notification of acceptance: Monday 17th November.

Registration:

Online registration is now open for all attendees.

For online registration and payment, please follow the links on:

<http://www.rlaha.ox.ac.uk/QRA/QRA.html>

For payment by cheque, please complete and return the form, overleaf.

Attendance at the meeting is charged per day, with reduced costs for students and unwaged QRA members.

Accommodation is available at St. Anne's College and can be booked as part of the registration process.

Registration closes Friday 28th November 2008

Please note: PAYMENT CANNOT BE ACCEPTED ON THE DAY.

For all further enquiries, please contact the conference convenors by e-mail:

qra.conf@rlaha.ox.ac.uk

6. QRA FIELD MEETING: SOLENT BASIN AND WEST SUSSEX: APRIL 2009

QRA Field Meeting 2009 The Solent Basin and West Sussex 4th - 8th April 2009

A joint meeting with the Prehistoric Society

Leaders: Becky Briant, Martin Bates, Rob Hosfield, Francis Wenban-Smith

This Field Meeting will be based at Southampton University and visit a wide range of sites typifying extra-glacial landscapes in the surrounding regions, which have not been visited by the QRA since 1998 (Sussex) and 1987 (Hampshire and the Isle of Wight).

The field meeting will focus on the following themes:

- Evolution of the extra-glacial coastal / fluvial landscape over multiple cycles of sea-level change
- Dating and nature of the Palaeolithic occupation of the region
- Human use of the landscape during the Holocene

The itinerary for the meeting is as follows:

Saturday 4th April. Introductory evening lecture

Sunday 5th April. The West Sussex coastal plain

Themes: Coastal landscapes, Palaeolithic occupation

Sites: Selsey, Warblington, Boxgrove, Slindon

Coordinator: Martin Bates

Monday 6th April. The Isle of Wight

Themes: Coastal and fluvial landscapes, Palaeolithic occupation

Sites: Priory Bay, Ventnor Late-glacial sequence, St George's Down

Coordinator: Francis Wenban-Smith

Tuesday 7th April. The Solent

Themes: Fluvial and estuarine landscapes, Palaeolithic occupation

Sites: Barton-on-Sea, Lepe (Stone Point interglacial deposits), Tom's Down

Coordinator: Becky Briant

Wednesday 8th April. The New Forest

Theme: Human use of the landscape during the Holocene

Sites: Cranes Moor and Barrow Moor.

Coordinator: Michael Grant

A registration form is included with this Circular.

Further details are listed on the QRA web site, or available from Becky Briant (b.briant@bbk.ac.uk, 07952 766881), Martin Bates (m.bates@lamp.ac.uk), Rob Hosfield (r.hosfield@reading.ac.uk) and Francis Wenban-Smith (ffws@soton.ac.uk).

7. QRA FIELD MEETING: FAR NORTHWEST SCOTTISH HIGHLANDS: MAY 2009

QRA Field Meeting 2009 The Quaternary of the far NW Scottish Highlands 21st – 24th May 2009

Organisers: Sven Lukas (Queen Mary, London), Tom Bradwell (BGS, Edinburgh)

Background

The western part of this remote area of Britain was last visited by the QRA in 1995; the area inland of Assynt (i.e. the interior of Sutherland) has received little research attention until recently. Since the last meeting, a large amount of recent research has led to considerable advances in our understanding of the chronology and dynamics of Late Quaternary ice masses and palaeoecology (see below) that have implications for other areas of the British mainland and offshore. It is thus timely to revisit this spectacular area.

Preliminary programme

The meeting will focus on the late Quaternary of the far NW Highlands and adjacent (offshore) areas. Three and a half field days are planned, and the provisional programme will contain:

Day 1:

The influence of bedrock lithology and structure on Quaternary landform formation; subglacial sediments related to ice-streaming (Allt an Strathan); P-forms, outwash terraces and sea-level evidence (Keanchulish, Strathkanaird); megagrooves (Rhidorroch, Elphin); ice-sheet thickness (Quinag).

Day 2:

Cosmogenic isotope dating of Late Devensian deglaciation (Loanan Valley); speleothems, ¹⁴C and U-Th dates from the Assynt Bone Caves (Allt nan Uamh); karst and post-glacial weathering (Inchnadamph); Holocene peat profiles and environmental change (Inchnadamph).

Day 3:

Rogen moraines and pre-Younger Dryas readvance limits (Loch Shin); Geomorphological evidence of extensive Younger Dryas glaciation, glacier reconstruction and palaeoclimatic significance (Loch Shin, Loch a'Ghriama, Loch More); Younger Dryas "hummocky" moraine sedimentology and glaciodynamic significance (Bealach nam Meirleach).

Day 4:

Large-scale rock-slope failure (Bealach nam Meirleach, Ben Hee); ¹⁴C-chronology (Loch Stack).

Accommodation

The meeting will be based at the Inchnadamph Hotel and Inchnadamph Lodge, Inchnadamph. The venues are both well equipped to cater for the group in all aspects (food, well-stocked bar); a large meeting room for evening presentations and a range of accommodation are also available.

Indicative costs per night per person are c. £17 for bunkhouse accommodation, £25-35 per single or shared twin/triple room, bed and breakfast included and c. £45-50 for a single room including dinner, bed and breakfast. Both en-suites and shared facilities are available. Registration costs will be around £80 (standard) and £40 (students/unwaged members).

Access

It should be noted that, due to the widespread absence of roads and usable tracks, all days of this field meeting will involve long walks across mountainous, partly difficult and possibly water-logged ground. Inchnadamph does not have any alternative facilities, and although we will pass local shops on some days, we would encourage participants planning not to have dinner at the hotel to bring provisions for the whole meeting based on previous experience.

Travel

Transport during the meeting will be in University minibuses, BGS and private vehicles, and we will aim at keeping the number of vehicles to a necessary minimum due to available parking space. The majority of roads in this area of the Highlands are single-track, so that larger buses for group transport are not a feasible option due to road widths.

The closest railway station to the area is Lairg, about an hour's drive south of the proposed meeting place, and pick-up from the station can be arranged if required. For everyone's convenience, we would offer to organise lifts for participants who do not travel to the venue as part of a group.

Further details on the field trip can be obtained by contacting either

Sven Lukas (email: S.Lukas@qmul.ac.uk; Tel.: 020 7882 8417) or

Tom Bradwell (email: tbrad@bgs.ac.uk; Tel.: 0131 650 0284).

8. QRA FIELD MEETING: CANADIAN PRAIRIES: SEPTEMBER 2009

QRA FIELD MEETING 2009 CANADIAN PRAIRIES 1st - 12th September 2009

Organisers: David J.A. Evans (Durham University) & Rene Barendregt (University of Lethbridge)

Co-organisers: Alwyn Beaudoin (Edmonton Archaeological Museum), Hester Jiskoot (University of Lethbridge)

Location: Southern Alberta and Saskatchewan.

Maximum number of participants: 50

A registration form is included in this Circular. The deadline for registering your intention to participate in this field trip is 15th November 2008.

Focus of the meeting:

Late Tertiary to Quaternary stratigraphy, glacial geology/geomorphology, landscape development and archaeology of SW Canada. This is a region rich in Quaternary legacies and has been under-utilized in many respects despite its critical location with respect to Tertiary-Quaternary landscape development, Laurentide Ice Sheet history and dynamics, glacial sedimentology, Quaternary geochronology and human migration routes. This trip provides an excellent opportunity for the QRA to enter into fruitful long term research collaboration with Canadian researchers in North America's best kept secret, the Province of Alberta, where you can experience prairie, foothills, mountain, badlands and monadnock landscapes at a time of year when temperatures are comfortably warm and tourist traffic has dwindled to a trickle. Many participants may want to come to Canada earlier or stay a bit longer after the excursion to experience the wonders of the Icefields Parkway and the Banff and Jasper National Parks in the Rockies or visit Calgary or Edmonton (the latter being the city with the real ice hockey team!).

Sub themes:

- a) Tertiary/early Quaternary river systems and the deposition of preglacial fluvial deposits.
- b) Evidence for the earliest glaciations in westernmost North America based on biostratigraphy and palaeomagnetism.
- c) The sedimentary and stratigraphic evidence for the coalescence of Cordilleran and Laurentide ice in Alberta and the status of the “ice-free corridor” (including chronology of events based on biostratigraphy and CN dating).
- d) Till sedimentology and glacial geomorphology of the SW Laurentide Ice Sheet, focusing particularly on:
 - i) palaeo-ice streams and lobes;
 - ii) till deposition;
 - iii) the megaflood hypothesis for glacial landform development;
 - iv) glacial landsystems;
 - v) glacitectonic landforms and structures
- e) Postglacial evolution of the prairies focusing on:
 - i) palaeoenvironmental reconstructions from lake sediment records;
 - ii) palaeo dunefields;
 - iii) spillway and early river incision and badlands development.
- f) The archaeology and Holocene environmental history pertaining to the people of the first nations, including visits to the interpretive centres at Writing-on-Stone and Head-Smashed-in-Buffalo-Jump.
- g) Paraglacial landslides and rock slope failures, including visits to Frank Slide in the Rockies and to the rotational failures developed in Quaternary valley fills on the prairies.

Programme:

Day 1 - Dinosaur Provincial Park area (preglacial Empress Group sediments and multiple tills + geomorphology of deglacial spillways and scablands + a tour of the Dinosaur badlands). This is a UNESCO World Heritage Site, famous for its palaeontology (dinosaur fossils), badlands and floodplain cottonwood trees.

Day 2 - Wellsch Valley Sections (preglacial and early Quaternary stratigraphy + first evidence of prairie glaciation and a wealth of Quaternary palaeontology related to inter-till stratified sediments)

Day 3 - Medicine Hat sections (preglacial sediments and glacial and glaciallacustrine sediments, particularly multiple tills with interstadial deposits and a wealth of Quaternary palaeontology)

Day 4 - Cypress Hills (glacial geomorphology and sediments at the margins of Tertiary monadnock/Quaternary nunatak + Late Quaternary & Holocene landslides + Holocene lake sediments + archaeology of the Stampede Site)

Day 5 - Bow Island, Wolf Island, and Taber sections (glacial sediments, including multiple tills and spectacular glacitectonic structures in bedrock + archaeology of the Fletcher Site near Taber, a critical site for the postglacial human occupation of the prairies)

Day 6 - Milk River Canyon and Laurentide ice sheet meltwater channels; Pakowki Holocene sand dunes; Red Rock Coulee; push moraine sequences, flutings and glacitected bedrock; Writing on Stone Park archaeological site

Day 7 - Del Bonita Tertiary monadnock and nunatak with periglacial structures; hummocky terrain and moraines of possible subglacial squeeze origin; Lethbridge city sections (multiple tills, bedrock mega-rafts & preglacial sediments); Milk River Ridge Paleosol site

Day 8 – Brocket Section (multiple Laurentide & Cordilleran tills); Head-Smashed-In-Buffalo Jump archaeological site; Frank Slide historical rock slope failure

Day 9 – Waterton National Park (glacial landforms and sediments) and Castle River sections (multiple Cordilleran tills)

Day 10 - Travers Dam/Lake McGregor glacial landforms and sediments including the esker system near Claresholm (central to the Shaw & Munro et al. subglacial megaflood hypothesis + the spectacular Sundial Medicine Wheel archaeological site)

Accommodation:

This will be in motels (twin rooms) in different towns between Wellsch Valley, Saskatchewan and Waterton, Alberta. Breakfast, lunch and evening meals will be provided and dietary requirements will be taken into account.

Travel:

Because some participants will likely want to arrive early or stay on in Alberta for extended travelling we suggest that individuals arrange their own flights. Participants must be at Calgary International airport by noon on September 1st, where they will be picked up and transported for the duration of the meeting in minibuses. Pick up at alternative locations in Calgary will be considered. Drop off at the airport or alternative points in Calgary will be made from 12.00 noon onwards on September 12th.

For further information see the QRA website (<http://www.qra.org.uk>) or contact:

Dr David J.A. Evans
Department of Geography
Durham University
South Road
Durham DH1 3LE
UK

d.j.a.evans@durham.ac.uk

9. QRA POSTGRADUATE SYMPOSIUM 2009

At the last QRA Postgraduate Symposium held in Liverpool, the **University of Manchester** was selected to host the 2009 QRA Postgraduate Symposium.

Participation is particularly encouraged from those at an early stage in their academic career wishing to gain experience in presenting to a friendly audience and foster links with like-minded Quaternary scientists.

Further information on the symposium will appear in due course on the QRA website and in the Circular.

10. 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

Quaternary Research Fund

Purpose: To foster research in any area of Quaternary studies
Eligibility: Members of the QRA of at least one years 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

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: 15th January, 15th May and 15th 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 years standing
Deadlines: 15th January, 15th May and 15th 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: 15th January annually
Award: £800 (maximum)

Lewis Penny Medal

Purpose: 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: Nominations should be submitted by 15th September 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 15th 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 QRA member 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

Radiocarbon Dating Short Course Bursaries

- Purpose:** To enable members to participate in the annual two-day radiocarbon dating short course run jointly by NERC, AHRC and the University of Oxford.
- Eligibility:** The scheme is open to any QRA member (except undergraduates) regardless of length of membership, though preference will initially be given to first year PhD students who are not funded by either NERC or AHRC.
- Deadline:** 15th January annually
- Awards:** Up to three bursaries will be awarded annually and will cover course fees only. Any other attendant expenses must be met by the applicant. Further details about the short course can be found at www.conted.ox.ac.uk/courses.

See the QRA website for forms and additional information on applying for these research grant schemes.

11. RESEARCH GROUPS AND STUDY GROUPS OF THE QRA

Research Groups

The QRA currently has a Research Groups scheme that is intended to bring together researchers in the UK and elsewhere and act as a forum for discussion of research findings, new research initiatives and enable publication of research results. Research Groups receive a small amount of “pump priming” funding (c. £500 p.a. for three years) to assist with these activities.

A number of research groups have been set up since 1995, all of which have been successful and produced a range of outcomes including published research outputs. These include:

- Fluvial Archives Group (FLAG)
- Cryostratigraphy Research Group
- Palaeopeatlands Research Group (PalPeat)
- Quaternary vertebrates Research Group (QUAVER)
- Isotopes and Biogenic Silica Research Group (IBiS)

Study Groups

This new scheme is designed to enable small groups to affiliate to the QRA. Study Groups are approved by the Executive Committee of the QRA for a period of three years, after which time they must reapply or their affiliation will be terminated. Study Groups will not receive any financial support from the QRA.

Individuals who are members of a study group do NOT become members of the QRA (though they may already be so), they are not entitled to receive QRA publications (QN, Circular) and they do not qualify for any reduced rates offered to QRA members. Members of study groups are not covered by the QRA’s insurance on field excursions.

Application Procedure

If you are interested in forming a Research Group to promote an area of research activity and to foster new research linkages and activity, or if you are involved in small but active research organisation that might benefit from affiliation to the QRA please discuss your ideas with the Secretary in the first instance who can also provide details on the application process.

Simon Lewis
Secretary,

12. JOURNAL OF QUATERNARY SCIENCE

Wiley-Blackwell offers a reduced subscription to the *Journal of Quaternary Science* to members of the QRA of £66 per year for 2008 and £33 for postgraduate members. 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.** 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>

13. QUATERNARY NEWSLETTER

Copy deadlines for *QN* are: 1st of January, May and September each year. Material should be submitted to the Editor:

Dr Mark Bateman
Department of Geography,
University of Sheffield
Sheffield, S10 2TN
M.D.Bateman@Sheffield.ac.uk

Quaternary Newsletter

QN is published three times a year and includes short research papers, meeting reports, abstracts, research reports, reviews, news and notices. Short research articles (up to 3000 words in length) would be particularly welcomed by the Editor; all submissions are reviewed prior to acceptance.

If you would like to discuss submission of a short research paper for publication in *QN* please contact the Editor, Dr Mark Bateman (M.D.Bateman@Sheffield.ac.uk).

14. *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: ninfo-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.

15. CALENDAR OF QRA MEETINGS

Offers to arrange meetings are always welcome. Please contact the Meetings Officer: Dr David Roberts (d.h.roberts@durham.ac.uk) to discuss your proposal.

5th-7th January 2009

QRA Annual Discussion Meeting

“The Human Dimension in Rapid Environmental Change”

Venue: University of Oxford

Organisers: Simon Blockley, Nick Barton, Christopher Bronk Ramsey, Peter Ditchfield, Christine Lane, Mark Pollard and Anna Oh

Contact: Simon Blockley (simon.blockley@rhul.ac.uk)

See details and registration form in this circular

4th-8th April 2009

QRA Field Meeting

The Solent Basin and West Sussex

Venue: University of Southampton

Organisers: Becky Briant, Martin Bates, Rob Hosfield

Contact: Becky Briant (b.briant@qmul.ac.uk)

See details and registration form in this circular

21st-24th May 2009

QRA Field Meeting

Far North West Scottish Highlands

Organisers: Sven Lukas, Tom Bradwell

Contact: Sven Lukas (s.lukas@qmul.ac.uk)

See details in this circular

1st-12th September 2009

QRA Field Meeting

Canadian Prairies (Joint with CANQUA)

Organiser: David J.A. Evans and Rene Barendregt

Contact: David Evans (d.j.a.evans@durham.ac.uk)

See details and registration form in this circular

Details of all QRA meetings are also available on the website: www.qra.org.uk

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