



DROPPINGS
FROM THE
GEOLOGICAL
CURATORS
GROUP

Coprolite is compiled and produced by David Craven, Renaissance North West, Room 1.13, The Manchester Museum, Oxford Road, Manchester M13 9PL (tel.01612752660, email david.craven@manchester.ac.uk). It is published three times a year in March, June and November. Any material for inclusion should be sent to David by the first of the previous month, i.e. by 1 February, 1 May or 1 October.

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GCG website: <http://www.geocurator.org>

A new editor for Coprolite

It can't have escaped your attention that I've really struggled to get Coprolite out this year. My work schedule just doesn't allow the time Coprolite requires, so I'll be stepping down from the role, and from Committee, at the AGM in Leeds. Secretary Helen Kerbey has kindly agreed to take over in addition to her other work. I'd urge you all to make the effort to send material to Helen, as the battle with Coprolite is when you are writing and compiling, not just editing.

David

A few words from the Chair

It would appear that I have taken over as Chair of the Geological Curators' Group at a time when Museums and Collections are probably under their greatest threat. The December 2010 "AGM" in Belfast was symbolic of the problem, although in this case it was the snow that kept members away. The fact that attendance at the meeting was insufficient to ensure that the AGM was quorate was not appreciated until later, and an EGM/AGM was rapidly convened for the committee meeting in January. This meeting was well attended, with 11 committee members and several ordinary members. Sadly, the next committee meeting in May was less well attended, and only just quorate. I guess this is a sign of the times and reflects the pressures that we are all under. I believe it also reflects the need to review how we work as a committee, and consider whether any of the new work tools and methods now available could help us to work more effectively.

One method I should like to trial is community access to common documents provided by such networks as "I-share", "Sharepoint" – or more simply by "Google Documents". I am convinced that if the GCG is to make a positive contribution to alleviating the current threats we need the means to keep in touch and share information between us on a more regular basis, and at the same time to do this in the least time consuming manner possible. Also, working with a non-museum based geological collection, I know I miss out on some of the current museum news, and I would value a simple means of keeping in touch on a week-to-week basis.

The suggestion is simply that we use Google Docs to host various common access documents, starting with this – a community newsletter that we can all contribute to, all learn from and (I hope) all enjoy. I will host it within my directory in Google Docs, but I will set access such that anyone with the file reference can read and edit the document. If you have not used Google Docs before, simply open a free account. Google Docs can then be accessed from the "more" menu on the Google home page. All you need to do is cut and paste the document reference into any web browser, and you should have read and edit access to this newsletter. Please add some news or comments and save the file – it is a very simple operation. I know some organisations block their staff from using the new innovative and efficient ways of working, but perhaps you might steal a few moments to look at the newsletter at home.

My hope is that we can use this site to share news. There will be plenty of bad news, but we can at least share our views on how to deal with it. There could also be good news, and possibly opportunities that might benefit at least some us. It will also provide the Coprolite editor with another source of news and should make their job a little easier. Please give it a try.

To get access to the document, please contact Mike Howe

**GCG Seminar and 38th AGM
6 and 7 December 2011**

**Managing Geology Collections and Data – current developments
for future uses!**

Leeds Museum Discovery Centre, Carlisle Road, Leeds, LS10 1LB

At a time when many of our authorities are making cuts, and the temptation is to reduce collection services, it is ever more important to find ways of efficiently managing collections and making information about them as accessible as possible. From collection mergers to digital coding to on-line applications, this seminar aims to give an insight into some of the, predominantly digital, developments in collections management and interpretation, and how these provide interesting opportunities to make efficiencies and/or engage with old and new audiences.

This two-day event includes a visit to the recently refurbished Leeds City Museum as well as a tour of the geological collection at the Leeds Museum Discovery Centre.

Leeds Museums and Galleries is the second largest local authority museum service in the country. Recent years have seen a series of capital investment projects including a new City Museum – the first in the city since 1966 – opened on Millennium Square in 2008 and the opening of 'Leeds Museum Discovery Centre', a purpose built 'open' museum store, in 2007. The designated geology collection numbers about 20,000 objects and is held in store at the Discovery Centre.

Tuesday 6 December 2011

- 1030 **Registration, tea and coffee**
- 1100 **Welcome from John Roles, Head of Leeds Museums and Galleries**
- 1115 **The EMu is Coming: Using the implementation of a new collections management system to trigger a new approach to public (and researcher) participation.** Mel Whewell, Head of Collections, Tyne & Wear Archives & Museums.
- 1145 **The Application of RFID tagging to collections management. An experiment at the Great North Museum.** Jo Anderson, Storage Project Coordinator (Great North Museum project)
- 1215 **From Ignorance to Igneous - Geological Data Sources and Open Culture.** Mike Hirst, Managing Director, DAS-360°.
- 1245 **Talking Objects: Tales of Things at the Museum.** Jane McDonald, TOTeM (Tales of Things and Electronic Memory) Project Coordinator, Edinburgh University
- 1315 Lunch. A buffet will be provided.
- 1415 **Merging collections: a Shropshire example.** Daniel Locket, Ludlow Museum Resource Centre
- 1445 **GB3D Fossil Types Online: A JISC project to work with museums and GCG.** Mike Howe, British Geological Survey
- 1505 **Barcodes – some dos and don'ts. Case studies of their use at the British Geological Survey.** Mike Howe, British Geological Survey
- 1530 **Rapid data entry – how much does it really cost?** Giles Miller, Natural History Museum London
- 1600 **Geological Curators' Group 38th Annual General Meeting**
- 1700 **Meeting Ends**

There will be the opportunity to go for an evening meal. When booking please indicate if you would like to attend.

Wednesday 7 December 2011

- 0930 **Leeds Museum Discovery Centre: How we got here.** Camilla Nichol, Head of Collections, Leeds Museums and Galleries
- 1000 **Tour of Leeds Museum Discovery Centre, and the geology collections** with Clare Brown and Camilla Nichol

1200 **Lunch.** This will be taken at a local hostelry and will be payable on the day.

1330 **Tour of Leeds City Museum and the "Life and Earth" gallery** with Clare Brown and Camilla Nichol

1530 Meeting ends

A booking form is at the back of the newsletter

GEOLOGICAL SOCIETY PRESIDENT'S DAY

I recently represented the GCG at the Geological Society's President's Day and AGM on 8th June. After a rather traditional AGM in which I was left contemplating what would have happened if I had scored out various names on the pre-elected ballot paper, an excellent lunch, and an awards ceremony, we were treated to some first rate talks. They are all on line, but I would particularly recommend looking at Bryan Lovell's presidential address in which he explores the relationship between rapid changes of relative sea level and crustal highs spreading out from mantle plumes. Could the thick sands of the Forties oil field be due to the Tertiary volcanism in western Scotland? He went on to suggest that the only safe way of transporting the fragile cores of Forties sand from the BGS store at Gilmerton to Keyworth was for the BGS Director to drive him in the back of a Bentley, with the core on his knees wrapped in a fur rug and stopping at every pub on the A1.....

Mike Howe

INTERNATIONAL RECOGNITION FOR SPECIMENS?

The American Geophysical Union holds a regular annual meeting just before Christmas, the "AGU Fall Meeting". This year the meeting will take place from the 5th – 9th December in San Francisco. One of the Scientific Sessions, IN24, will address "*Physical Specimens in the Digital Age: Collections and Catalogues on the Web*"

Sponsor: Earth and Space Science Informatics (IN)

Co-Sponsor(s): Study of Earth's Deep Interior (DI), Paleoceanography and Paleoclimatology (PP), Volcanology, Geochemistry, and Petrology (V)

Conveners: Sky Bristol, Jens Klump, Kerstin Lehnert, Lesley Wyborn

Description: In the digital age, physical specimens are gaining relevance due, for example, to the globalization of research projects and the in-

creasing use of specimens for calibrating remotely sensed and/or proxy data sets with real world observations. Collections and catalogs on the web facilitate the discovery of and access to samples and sample information, promoting sharing and re-use. An internationally unified approach is urgently needed for registration and discovery of physical specimens with a standardized approach to describing, identifying, and linking not only specimens and subsamples derived from each specimen, but also the diversity of data generated on each specimen/sample.

<<http://sites.agu.org/fallmeeting/scientific-program/session-search/537>>

I intend to submit an abstract or two, and I believe online access to catalogues and data about specimens is a real opportunity for many UK collections to raise their international profile. Most museums probably have at least one or two type or figured specimens, and possibly 19th century shell collections that could be of use to ocean acidification research – and so on.

Mike Howe

UK FOSSIL TYPES ONLINE - JISC DIGITISATION PROJECT

I am working on an application for submission in mid-August under Strand B : Mass Digitisation of the JISC Grant Funding 06/11 – see http://www.jisc.ac.uk/fundingopportunities/funding_calls/2011/06/econtentcapital.aspx for details.

The objective is to provide online access to a significant proportion of UK fossil types. Most will be high resolution images, with associated specimen metadata, but about 6,000 would be as downloadable 3D digital models. If successful, BGS could provide a bureau service for other collections for the duration of the project, and the data would be made available through a common website, badged with the logos all the participating institutions, including the GCG. Anyone interested in joining the collaborative project?

Mike Howe

FIVE CURATORS OF THE NEW YORK STATE MUSEUM TO BE LAID OFF ON JULY 23rd

News from a recent contribution by Edward Davis, Fossil Collection Manager, University of Oregon to Paleonet:

It has come to my attention (see link: <http://tinyurl.com/6x6qrb5>) *that 5 curators of the NY State Museum are set to be laid off on July 23rd. This accounts for about 1/3 of the curators at the museum, and includes the State Archaeologist, the State Paleontologist, the Curator of Prehistoric Archaeology, the Curator of Historic Archaeology, and the Curator of Mineralogy. With these layoffs there will be no Curators left in the Department of Archaeology at all. In total, the specimens in the collections to be left without a curator will number conservatively about 10 million specimens. With the lack of Curators most of these collections will be mothballed, and no researchers will be able to access them. These collections include some of the earliest museum collections in the entire country. The NY State Museum is the oldest State Museum in the country being now 175 years old. With the loss of curators the museum will also lose many of the Teacher's Workshops that are performed as well as an Archaeological field school meant to educate teachers and students. The positions were targeted. The State Education Department was required to let 15 people go. 5 of the 15 were chosen to be these curators. It seems a conscious decision to eliminate Research and Collections from the Museum.

The position of State Paleontologist was established for James Hall in 1841, has been a hallmark of the State Museum for more than 170 years and has lasted through numerous national calamities including the Great Depression. This position is critical not just for New York, but is of importance both nationally as well as internationally

Mike Howe

Archaeopteryx at 150

Germany is celebrating the discovery and description of Archaeopteryx. The German Federal Bank have issued a commemorative €10 coin to mark the occasion. It will cost €19.87 +p&p, if you can manage to set up an account.

Slightly cheaper, at 55 c, are the commemorative stamps issued by German Post Office (DeutschePost) which shows the Berlin specimen.

Tony Morgan

***Archaeopteryx* exhibition opens in Cardiff**

From October 18th 2011 until the end of February 2012 this is an exciting opportunity to see side by side representations of all 10 known *Archaeopteryx* specimens.

This exhibition was put on to honour the 150th anniversary of the finding and describing of the first specimen, but is also proud to be able to show for the first time in the UK, the **original specimen** of no.8 - The Phantom. Kindly loaned by its owner, this specimen is usually housed in the Bavarian State Collections in Munich, but has not been seen on display anywhere since its initial unveiling at the Munich Show in 2009. It is displayed here along with casts of the London, Berlin, Eichstätt, Haarlem and Thermopolis specimens, and life size images of the other four. Also on show are several other exquisite Solnhofen fossils, including a pterosaur, dragonfly and shrimp also loaned for the occasion.

Entry to the museum and this display is free. The museum is closed to the public on Mondays.

<http://www.museumwales.ac.uk/en/cardiff/>

If you'd like any more information, please contact me.

Cindy Howells

New Micropalaeo blog

Just a quick message to advertise my blog which is written to advertise the uses and relevance of the micropalaeontology collections at the Natural History Museum.

<http://www.nhm.ac.uk/natureplus/blogs/micropalaeo/>

I have written an entry describing the project that I will be describing in my talk at the AGM. It is near the start of my blog and can be found at:

<http://www.nhm.ac.uk/natureplus/blogs/micropalaeo/2011/07/06/working-while-i-sleep>

If you find the blog interesting and want to subscribe to future posts then from one of the blog pages, follow the links to create an account in Nature

-Plus (don't worry no spam will come your way as a result). An option will then appear on the right hand side to "follow blog" once you are logged in.

You can expect future blogs on "Microfossils and ancient humans occupying Britain", "Christmas card microfossils" and possibly "Microfossils at the Olympic site".

Giles Miller

Geology for Schools in Ireland

www.geoschol.com

This website is a residual resource from a project that supplied the much neglected primary school sector with teaching resources on geology. A range of posters, activity books, county geology leaflets and a rock set of basic rock types, with an explanatory booklet were sent to all schools in Ireland and Northern Ireland. The project was funded by the Griffith Geoscience Award Scheme, administered by the Geological Survey of Ireland. The partners were Patrick Wyse Jackson of Trinity College Dublin Geology Museum, Matthew Parkes of the Natural History Museum in Dublin and Mike Simms of the Ulster Museum.

All the project materials are available for download on the website along with additional resources we have added since. Please contact us via the website if you have suggestions or ideas for extra material, primarily aimed at junior age levels.

Matthew Parkes

Irish Historical Geological Maps

<http://www.geologicalmaps.net/IrishHistMaps/index.cfm>

This website provides a wide range of historical geological maps of Ireland, pooled from the resources of the Geological Survey of Ireland, the Geological Survey of Northern Ireland and the British Geological Survey. A great new (ish) resource to use if you are looking for localities and data on Irish material in your collections.

Matthew Parkes

Meet your Committee

Matthew Parkes – Journal Editor

My earliest memory of being 'a geologist' was collecting fossils at Charmouth on a family holiday, aged around 7 I think. It stuck with me, being nurtured through Chris Darmon's excellent Nationwide Geology Club and building with a self-taught O-level in Geology at school. An A-level in Geology after one year of an evening course taught by Roger Mason of *Charinia masoni* fame further developed my interest, which led to a part-time geology degree course at Luton, whilst working for the Soil Survey of England and Wales. Full time study was too enticing and after one year I went to Sheffield University (also centre of the rock climbing world at the time) for an excellent course.

Palaeontology beckoned for the future, and Ph.D projects aplenty were applied for. I was lucky enough to be offered two and the decision was tough, though in the end I went to Galway University in the west of Ireland, to work on Ordovician brachiopods with David Harper. My curatorial nature led to several jobs there working on collections storage, and then as a postdoc in Trinity College Dublin (TCD), a museum based career seemed my first choice. A lucky break in Cardiff, doing curatorial work whilst others developed the fine *Evolution of Wales* exhibition, was followed by a project curating the long neglected, but important fossil collection of the Geological Survey of Ireland (GSI), which I had sought a grant for before leaving Ireland.

A year or two of self unemployment followed attempting to develop geotourism, museum geology and collections ideas in Ireland, but I quickly went back to the GSI when a post working on geological heritage came up. For 7 years I worked on the Irish equivalent of the GCR, but also developing a wide range of schools outreach, exhibitions, collections and other projects.

In 2005 I moved to the Natural History Museum in Dublin as the geological curator, but still retain close ties with GSI and also with TCD. I am very fortunate that the Keeper of Natural History, Nigel Monaghan is also a geologist, a long time member of GCG, and someone who understands the need for involvement in professional groups like GCG, and he supports my role. Sometimes we look with envy on better resourced museums with a proper ration of geological staff, but our minimal staff also means that by necessity I am now a generalist and can be covering any aspect of geology on a day to day basis. I get to work with fossils, and minerals and rocks and meteorites and everything!

Like most committees, in GCG we struggle to find enough people with

time to commit. I have been Journal Editor for several years now and enjoy the task, apart from time constraints, but if there is any member who is dead keen to take over the role, I would happily let go. However, we plan to produce a new *Guidelines for the Curation of Geological Materials*, and this will be a priority for the small team involved for the immediate future, as well as a personal target for me. So, whilst I should be replaced on committee by fresh energy and talent at some point, I aim to continue contributing to GCG as I think it is a vital support to all geology and natural science curators.

Musical Curators

Bob Owens, Head of Palaeontology at the National Museum of Wales, retired this spring after over 40 years in post, and has been replaced by Caroline Buttler, formerly Senior Natural Sciences Conservator within the same department.

Mike Taylor, NMS - early retirement

Mark Graham has recently been appointed palaeontological preparator of the Natural History Museum.

Jeff Liston has left the Hunterian

Joe Botting (formerly at Leeds Museum) and Lucy Muir (formerly at NHM) have moved overseas to take up posts in China (Nanjing Institute of Geology and Palaeontology)

Alan Thomas (Birmingham University) and Mark Dean (BGS Edinburgh) have retired

Huw Bolton (previously of Cardiff University) is going to be the new conservator in the National Museum of Wales, Dept of Geology

Workshop Review: Yorkshire Museum - So you've got a geology collection – now what?

A small group met up for this day seminar aimed at museums with a geological collection but no geology curator. Unfortunately one of the participants collapsed during the second talk and we had to change the schedule. They recovered enough to walk to the ambulance but we were all slightly unsettled. Several of us felt that we should be better prepared such as having a list of participants and phone numbers. The event had only just started and we didn't really know who everyone was. Attached lower down are some first aid tips from reputable sources for what to do if someone faints and what health and safety planning organizers might need.

The first speaker was Will Watts from the Rotunda Museum in Scarborough. He talked about the renovations to the museum that saw it reopen in 2008 and how they have been making it into a geological centre of excellence the way it used to be in William Smith's time. The museum now contains more stories about individuals, and more opportunity for broader themes such as looking at geological dating or geophysics with the Grisholm Man exhibit. Despite the fact that there is no Geological Curator they have kept links with researchers and kept on running activities by using outside professionals - mainly for the Jurassic Dinosaur Coast events. Will said that they tried to exploit any connection they had to help with publicity, charity events, or sponsorship to keep the geological interest in the area going.

Next up was Nicci Tofts from Keswick Museum who gave an enthusiastic talk about the geology of the Keswick area and the museum's collections. The museum had received help with their geological collections from the NW hub of Renaissance. Nicci also brought along part of a rock xylophone made of hornfels which caused much distraction during the breaks and can be seen being played on Pathe news archives at <http://www.britishpathe.com/record.php?id=36305>.

Vicky Tunstall from Stoke-on-Trent Museums then talked about her work visiting orphan geological collections all around the West Midland. All the visited collections were assessed (around 40) and given a basic advice pack and some basic curation and conservation. They then created a touring display that went to local libraries along with activity boxes. Vicky then talked about the broadness of geological themes and how it can be

integrated into many other disciplines, such as other displays, which they had done at Stoke Museum.

David Craven then did a useful top ten for the non geologists present who had geology collections back in their museum.

- 1) Don't be frightened of geology specimens
- 2) Make sure the specimens have some space, especially if you are going to sort them out.
- 3) Call on any friends you have who may be able to help
- 4) Remember - there is more than one way to do things - you don't have to have all your minerals sorted by Hey number just because someone else does it.
- 5) Do the basics - follow good museum procedures for all your collections
- 6) Make some new friends by joining local societies
- 7) Be sensible - get hazards identified in your collection or take reasonable precautions
- 8) Start learning - you do need to be prepared to take in some basic geological information
- 9) Know your institutions history - is that dull looking specimen collected by someone famous to the local area?
- 10) Get the specimens used

I then also talked about integrating geology into other displays such as art (for example a piece of natural jadeite in with some ornamental jadeite) and then discussed using geology for simple workshops covering many different aspects of the curriculum from science to creative writing and music at the National Museum of Wales. I also mentioned some useful websites such as the British Geological Survey (www.bgs.ac.uk) for educational material on geohazards such as earthquakes or volcanic ash that can get people worried and/or asking questions in your museum.

Finally Nigel Larkin talked about being a freelance consultant and how museums could get consultants to help all aspects of geological curation from conservation to exhibitions and running workshops, and importantly including help with finding funding. With conservation work it often ended up with publications so also helping to increase the status of the collections. There was also a good incentive to get the project finished in a professional way if it was contracted out. Nigel and other speakers covered a number of useful forums where advice can be sought for free: NHCOLL, Geo curators on JISC mail, Mindat, VertPaleo, Conservation on line.

During the day we toured the new galleries with the curators responsible. I always find this a very useful exercise as it gives you all the background information on why a display is the way it is. The curators (Isla Gladstone & Stuart Ogilvy) had found it difficult working with an external company for the displays, especially when the company wanted exact information about ideas that are more open – such as why did the dinosaurs die? The main natural history theme chosen was extinction which worked quite well in going from geological extinctions through to present day biological extinctions, and I especially enjoyed the room at the end with the passenger pigeon.

Overall the day was very interesting and I hope any non-geologists present found it useful. What was apparent was that there are many people in the geological community ready to help, and many things you can do with your geological collections if you get a little help. Many thanks to Martin Watts, Isla Gladstone, and Stuart Ogilvy of the York Museums Trust for hosting the meeting, and all the other enthusiastic staff there for giving us guided tours of their galleries.

Helen Kerbey

First aid and health and safety

Since we often hold one day meetings where people get up early and travel long distances only to sit in a warm room drinking copious amounts of coffee it is probably quite likely that one or two of us will faint at some point so it is worth preparing for if you are the organiser of an event e.g. make sure people sign in when they first get there so you know who they are. Though all sorts of things can be the problem when someone passes out, most often they come round as soon as they are placed flat on the floor. The person who has just fainted/collapsed will also then be quite embarrassed if there is a whole room of people staring at them so it is best to clear the area. At York, Isla quickly took all of the onlookers on a tour of the museum leaving just a few people in the room to look after the casualty. I would add to any event planning just to have a quick think about who you would call and what you would do if someone does collapse.

www.Nhs.uk.

If someone is about to faint:

If you know or suspect that someone is going to faint, you should help the person to lie down, preferably in a position where their head is low and their legs are raised.

If it is not possible for the person who is feeling faint to lie down, sit them down with their head between their knees. Gently, but firmly, push their head down while they try to push their head upwards. This will encourage the blood to flow to their brain, reducing their symptoms and helping them to recover more quickly.

If someone has fainted:

If a person faints and does not regain consciousness within one or two minutes, you should put them into the recovery position. To do this, you should:

place the person on their side so they are supported by one leg and one arm

open their airway by tilting their head back and lifting their chin
monitor their breathing and pulse continuously

You should then dial 999 to request an ambulance and stay with the person until medical help arrives.

Redcross.org.uk

How to deal with collapsed casualties:

- Check for danger.
- Find out if they are conscious by gently shaking their shoulders and speaking to them.
- If they don't respond, open the airway by putting one hand on their forehead and gently tilting their head back. Then lift the chin using two fingers.
- Look, listen and feel for normal breathing for up to ten seconds.
- If they are, put them in the recovery position.
- Put the arm closest to you at a right angle. Place the back of their other hand against their cheek.
- Grab their far leg and pull the casualty towards you.
- Open their airway as before and check for normal breathing again.
- Adjust their leg to make sure they are stable.

Standing for committee

Every year two ordinary committee posts become vacant, and we would urge members to consider standing. Any member can stand for any officer post, just let the Secretary know you are interested.

My five years on committee have been very interesting, and very enjoyable. It's an ideal opportunity for members to get out, to meet more people, and to get yourself 'known' in the geological community.

David Craven

And finally...

Ending on a lighter note, Steve Tunnicliff shared these links which you'll probably enjoy

<http://www.youtube.com/watch?v=B7zo2zY1Zqg>

I Am a Paleontologist - They Might Be Giants w/Danny Weinkauf

We get so used to worrying about the creationist side of American culture that something like this is reassuring, I think.

The Youtube page also provides links to such as

<http://www.youtube.com/watch?v=W0FOZ0-VpcU&feature=related>

The Dinosaur Song

and even, for the puerile amongst us,

<http://www.youtube.com/watch?v=aPOF0sMhhAg&feature=related>

How the Dinosaurs Really Died.

GCG Committee 2011

Chair:	Mike Howe, British Geological Survey
Secretary:	Helen Kerbey, National Museum of Wales
Treasurer:	John Nudds, The University of Manchester
Programme Secretary:	Steve McLean, Great North Museum, Newcastle
Minutes Secretary:	Tony Morgan, World Museum Liverpool
Journal Editor:	Matthew Parkes, National Museum of Ireland, Dublin
Newsletter Editor:	David Craven, Renaissance North West, Manchester
Webmaster:	Hannah Chalk, University of Manchester
Committee Members:	Jeff Liston, Hunterian Museum, Glasgow Mark Evans, New Walk Museum, Leicester Jon Radley, Warwickshire Museum Owen Green, Dept. Earth Sciences, University of Oxford
Membership Secretary:	Cindy Howells, National Museum of Wales, Cardiff
NatSCA Representative:	Vacant
ICON Representative:	Adrian Doyle, Museum of London
Co-opted member:	Tom Sharpe, National Museum of Wales, Cardiff

The NatSCA representative post is currently vacant as Leslie Noe has stood down to take a new job in Colombia. Leslie will be lecturing in Geosciences at the Universidad de Los Andes. I'm sure we all wish him well, and he'll be greatly missed on committee.

GCG Mailing List

As is traditional, Coprolite ends with the suggestion you should sign up for the GCG JISCMail list?

It's an excellent way to share the latest news, jobs and developments. It's also the best possible font of knowledge for your questions. A simple email is sent out to all members, and the answers come flooding back!

You can join at: <http://www.jiscmail.ac.uk/lists/geo-curators.html>

Booking Form

GCG Seminar and 38th AGM 6 and 7 December 2011

**Managing Geology Collections and Data – current developments
for future uses!
Leeds Museum Discovery Centre, Carlisle Road, Leeds, LS10 1L**

BOOKING FORM

Event	Tick
I will be attending the GCG Seminar and AGM on 6 December (£20)	
I will be attending the evening meal on 6 December (payable on day)	
I will be attending the Discovery Centre Tour on 7 December (£1.50)	
I will be attending lunch on 7 December (payable on day)	
I will be attending the tour of Leeds City Museum on 7 December	
I require details of local accommodation	
I enclose a cheque made payable to "Geological Curators Group" for £20 (Day 1) / £21.50 (Days 1 & 2) / £1.50 (Day 2 only) (underline)	

Title.....Name.....

Address.....

.....Postcode.....

Telephone.....e-mail.....

Please enclose this booking form with a cheque for £20 (Day 1) or £1.50 (Day 2) or £21.50 (Days 1 and 2) made payable to "Geological Curators Group" and send **by** 25 November to: Sharon Lewis, Great North Museum: Hancock, Barras Bridge, Newcastle upon Tyne, NE2 4PT. Tel: 0191 222 6765, Fax: 0191 222 6753. E-mail: sharon.lewis@twmuseums.org.uk

GEOLOGICAL
CURATORS
GROUP



Affiliated to the
Geological Society of London
registered charity no. 296050

Concessionary membership

It has been agreed that a new category of Concessions, covering retired, volunteers and unwaged, be set up and agreed at the next AGM. A rate of £10 was suggested.

✂.....

GCG Personal Subscription 2012

I enclose a cheque for £15.00/£18.00* payable to "Geological Curators Group"

Title.....Name.....

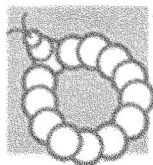
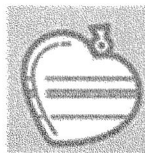
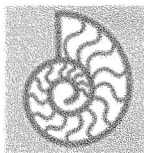
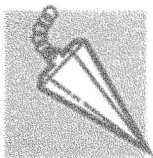
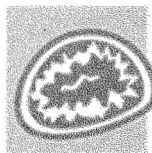
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