

The Chairman's Bit

The Great Orme proved to be a very interesting venue for the AGM at the end of January, and the record-breaking attendance testified to Rob Crossley's inspiration in organising the event there. I am pleased to say that some connections made while we were there may prove fruitful during the forthcoming year, and look forward to developing some interesting meetings. It was good to get down the mine, close to the rocks and out of the wind and rain.

You will find a membership renewal form with this newsletter, unless you have paid for a year's membership within the last months of 2003, in which case it will be automatically extended for 2004. Yes, we are that generous. On the other hand, some renewal reminders have been ignored for too long. If you have not paid a subscription within the last year this will be the last reminder that you will receive - and the last newsletter. It is simply too time-consuming to produce copies for

past-members who value our Association so lightly that they do not even tell us if they have moved or lost interest.

We have decided, reluctantly, that our attempt to organise a field meeting in Ireland was too ambitious. One person outside the committee expressed interest in the idea, and it is simply unreasonable to ask a field leader to give up time for so tiny a party.

We are very anxious to recruit new blood to the committee, and ask you all to consider what you might be able to do for the Association in the next few years. I announced at the AGM that I will be retiring from the Chair at the next AGM. In our tenth anniversary year we face a real crisis in our organisational capacity due to the professional commitments of the active membership. Thank you for your support over those ten years, and please put a cheque in the post today.

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Ten Years On.....

As usual at this time of year, we would like to receive suggestions from members about topics that you would like to see as talks, or places you would like to visit on field trips.

To help you with this process, we include a listing of events over the last ten years. You might like to repeat something, or might have an idea that we just haven't thought of. Either way, see if the list sparks any thoughts.

The other reason for publishing the list is to celebrate the activities we have been involved in over the ten years. For most of this time Jonathan has been at the helm, and the list helps us appreciate the enormous contribution he has made.

So, make his final year as Chairman another good one, by coming along to the events. The three key events on the horizon are listed on the back page—hope to see you at them.....

NWGA
: **The**
First
Ten
Years

*: with
OUGS,
**: with
RIGS,
***: with
SWGGA

31-Jan 2004	Llandudno	AGM & Visit	AGM, Great Orme Copper Mine
03-Dec 2003	Wrexham	Talk	An Introduction to Trace Fossils Joe Crossley
12-Nov 2003	Conwy	Talk	Pea Soup and Diamonds Rob Crossley
12-Oct 2003	South Wales	Field Trip	Jurassic and Triassic*** Steve Howe
11-Oct 2003	South Wales	Field Trip	Carboniferous*** Geraint Owen
08-Oct 2003	Wrexham	Talk	Women in Geology Cynthia Burek
10-Sep 2003	Mold	Field Trip	Caer gwrle Castle Will Jones
05-Oct 2003	East Wales	Field Trip	Minera Quarry* Wendy Owens
29-Jun 2003	Cheshire	Field Trip	Holt/Farndon Geoconservation Project* Cynthia Burek
15-Jun 2003	Dolgellau	Field Trip	Gold mineralisation John Mason
12-Jul 2003	Llangollen	Field Trip	Castell Dinas Bran Will Jones
21-May 2003	Cheshire	Field Trip	Daresbury Laboratory *
10-May 2003	Halkyn	Field Trip	Pant Limestone Quarry* Wendy Owens
27-Apr 2003	Llandudno	Field Trip	Great and Little Ormes* Gladys Dinnacombe
09-Apr 2003	Conwy	Talk	Landslips and glaciation John Reynolds
29-Mar 2003	Wrexham	Display	Science and Technology Festival*,**
24-Mar 2003	Wrexham	Talk	Volcanoes Peter Kokelaar
05-Mar 2003	Wrexham	Talk	Uses of synchrotron radiation Richard Patrick
18-Jan 2003	Ruthin	AGM & Visit	AGM, rock & fossil show, Triassic dune outcrops
03-Dec 2002	Wrexham	Talk	Geology and Castles in the Wrexham Area Will Jones
13-Nov 2002	Conwy	Talk	Palaeozoic succession of North Wales Peter Kokelaar
27-Oct 2002	East Wales	Field Trip	Criggion dolerite quarry* Sue Hughes
15-Sep 2002	Snowdonia	Field Trip	Moel Siabod*,*** Hadyn Roberts
14-Sep 2002	Anglesey	Field Trip	Tertiary Dyke Swarm*,*** Rob Crossley
11-Sep 2002	Conwy	Talk	Mines and Mineralisation in Wales John Mason
14-Jul 2002	Clwyd	Field Trip	Ogof Hen Ffynhonnau Caves Stephen Brown
26-Jun 2002	Anglesey	Field Trip	Interglacial, glacial and post-glacial Rob Crossley
22-Jun 2002	Penmaenmawr	Field Trip	Intrusion at Hanson Quarry Rob Crossley
16-Jun 2002	Holt /Farndon	Field Trip	Geoconservation* Cynthia Burek
29-May 2002	Great Orme	Field Trip	Interglacial, glacial and post-glacial Rob Crossley
15-May 2002	Conwy	Talk	Stone Polishing Through The Ages David Wilson
12-May 2002	Snowdonia	Field Trip	Cwm Idwal-Nant Francon Jonathan Wilkins
28-Apr 2002	Lleyn Peninsula	Field Trip	Pleist. & Palaeozoics Hell's Mouth* Norman Harrison
10-Apr 2002	Wrexham	Talk	Seismic hazard effects Tim Allmark
10-Apr 2002	Wrexham	Talk	Seismo-tectonics of North Wales Andy Chadwick
23-Mar 2002	Wrexham	Display	Science and Technology Festival*,**
18-Mar 2002	Wrexham	Talk	Monitoring Volcanoes Mark Davies
17-Mar 2002	Wirral	Field Trip	Triassic sandstones* Brian Waugh/Rob Crossley
13-Mar 2002	Conwy	Talk	Pot Luck Rob Crossley
20-Feb 2002	Conwy	Talk	Simple methods to tackle complex problems David Peacock
19-Jan 2002	Prestatyn	AGM & Visit	BHP Billiton Petroleum Centre, Point of Ayr
12-Dec 2001	Wrexham	Talk	Geology of India Gordon Hillier
14-Nov 2001	Conwy	Talk	Mauritius, Reunion & Madagascar Rob Crossley
2-Nov 2001	Liverpool	Display	Geologists Association Festival of Geology
29-Oct 2001	Styal	Field Trip	Styal Country Park Geology Trail* Fred Owen
17-Oct 2001	Wrexham	Talk	Weathering of building stones Prof. D. Motterhead
16-Sep 2001	North Anglesey	Field Trip	Glacial and Palaeozoic Deposits* Rob Crossley
12-Sep 2001	Conwy	Talk	Alpine Geology Bill Fitches
4-Aug 2001	Denbigh	Display	National Eisteddfod**
20-Jun 2001	Conwy	Talk	Patagonia Field Trip Fred Owen
17-Jun 2001	Hilbre Islands	Field Trip	Triassic Oil Field Analogues* Rob Crossley
13-Jun 2001	Llandudno	Field Trip	Orme Glacial & Post-Glacial** Nigel Bannerman
6-Jun 2001	Conwy	Field Trip	Town Geology Trail Rob Crossley
16-May 2001	Conwy	Talk	Poster display and discussion
13-May 2001	Wrexham	Field Trip	Town Geology Trail Will Jones
9-May 2001	Penmaenmawr	Field Trip	Drowned Forest & Glacial Deposits Rob Crossley
29-Apr 2001	Llangollen	Field Trip	Town Geology Trail* Wendy Owens
25-Apr 2001	Wrexham	Talk	Radon hazards Derek Jones
31-Mar 2001	Wrexham	Display	Science and Technology Festival*,**
14-Mar 2001	Conwy	Talk	Geology of Telemark, Norway Frank Richards
14-Feb 2001	Conwy	Talk	Caves and Stone Age in Wales Will Jones
10-Jan 2001	Conwy	Talk	Annual General Meeting
15-Nov 2000	Conwy	Talk	100 Million Years of Climate Change Paul Markwick

4-Nov	2000	Pant Quarry	Field Trip	Carboniferous Quarry Visit*	Richard Wilcox
18-Oct	2000	Wrexham	Talk	Rift Valley Lakes of Central Africa	Rob Crossley
13-Sep	2000	Conwy	Talk	Carb. Limestones of N. Wales	Rob Crossley
5-Jul	2000	Anglesey	Field Trip	Carboniferous Sequence & Structure, Penmon	Rob Crossley
21-Jun	2000	Penmaenmawr	Field Trip	Civil Engineering Beach Protection	Jonathan Wilkins
14-Jun	2000	Conwy	Talk	Hawaii Volcanoes Field Trip	Fred Owen
11-Jun	2000	Hilbre Islands	Field Trip	Modern and Triassic sediments*	Geoff Willett
24-May	2000	Deganwy	Field Trip	Pleistocene Deposits	Jonathan Wilkins
17-May	2000	Wrexham	Talk	Oil, Gas and Rocks	Rob Crossley
14-May	2000	Blaeneau Ff.	Field Trip	Granites & Palaeozoic sequence	John Wadsworth
10-May	2000	Conwy	Talk	Mud Glorious Mud	Joe Macquaker
19-Apr	2000	Conwy	Talk	Cave Geology	Zoe Sayer
16-Apr	2000	Lleyn Peninsula	Field Trip	Glacial Deposits*	Norman Harrison
18-Mar	2000	Mold	Field Trip	Sand and Gravel Quarries*	Self Help
15-Mar	2000	Wrexham	Talk	Sun, Sand and the Sahara	Will. Jones
26-Jan	2000	Conwy	Talk	Annual General Meeting	
8-Dec	1999	Conwy	Talk	Basement Geology of New Zealand	Roddy Muir
10-Nov	1999	Conwy	Talk	Geochemistry in Oil Exploration	Richard Hatton
13-Oct	1999	Menai Br.	Talk	Mapping N. Atlantic Ridge	Simon Allerton
22-Sep	1999	Wrexham	Talk	Deserts Ancient & Modern	Brian Waugh
20-Mar	1999	Snowdonia	Field Trip	Caledonian Structure	Bill Fitches
18-Mar	1999	Conwy	Talk	Caledonian Basin Development	Bill Fitches
25-Feb	1999	Conwy	Talk	Plants and Animals to Oil/Gas	Colin Darlington
20-Jan	1999	Wrexham	Talk	AGM and Members	
12-Nov	1998	Wrexham	Talk	Fossil Forum, Yale College	Jo Conway
12-Sep	1998	Leeswood	Field Trip	Open Cast Mine	Simon Green (Onyx)
21-Jun	1998	Wrexham	Field Trip	Minera	Will Jones
16-May	1998	Anglesey	Field Trip	Coedana Granite	Jonathan Wilkins
2-Apr	1998	Conwy	Talk	Bronze Age Coastline	Nigel Bannerman
4-Mar	1998	Wrexham	Talk	North Wales Coalfield	Ros Todhunter
20-Jan	1998	Conwy	Talk	A. G. M. + Contributions	
27-Nov	1997	Conwy	Talk	Ho Chi Min Trail, Laos, Fieldwork	Rob Crossley
10-Oct	1997	Wrexham	Talk	Iceland Volcanoes & Icecap	Chris Hunt
14-Sep	1997	Snowdonia	Field Trip	Cwm Idwal Volcanics	Malcolm Howells
9-Aug	1997	Snowdonia	Field Trip	Nant Ffrancon Pleistocene	W Jones & A. Rogers
17-Jan	1997	Wrexham	Talk	Man & Volcanoes in Greece	Will Jones
7-Nov	1996	Conwy	Talk	Insects, Amber & Dinosaurs	Paul Whalley
9-Jul	1996	Snowdonia	Field Trip	Cwm Idwal Glacial	Tony Rogers
8-Jun	1996	Padeswood	Field Trip	Castle Cement Quarry	Castle Cement
11-May	1996	Anglesey	Field Trip	Devonian & Carboniferous, Lligwy Bay	Tim Guy
17-Apr	1996	Wrexham	Talk	Steps of Charles Darwin	Michael Roberts
5-Mar	1996	Conwy	Talk	Research at Parys Mountain	Bill Charter, D. Jenkins
9-Jan	1996	Conwy	AGM & Short	Talk Topics	JW, WJ
10-Nov	1995	Wrexham	Talk	Limestone Caves of Clwyd	T. Smith
5-Oct	1995	Conwy	Talk	Geotechnics at Pen y Clip	P. Selley
10-Sep	1995	Arenig	Field Trip	Sediments and intrusions	J. Zalasiewicz
16-Jul	1995	Pontnewydd	Field Trip	Geo archaeology of caves	W. Jones
28-Jun	1995	Wrexham	Talk	Hamilton Oil Pipeline	BHP Visitor centre
11-Jun	1995	Deganwy	Field Trip	Wireline Logging	J. Wilkins
21-May	1995	Aberogwen	Field Trip	Field day	K. Addison
13-May	1995	Glyn Bends	Field Trip	Civil engineering	Miller Civil Engineering
6-Apr	1995	Conwy	Talk	Snowdonia Volcanoes	M. Howells
1-Apr	1995	Llandulas	Field Trip	Carboniferous and land fill	C.O'Brien, D.Hartill
8-Mar	1995	Wrexham	Talk	African Rift Valley	W. Jones
10-Jan	1995	Wrexham	Talk	AGM & William Smith	Hilary Davis
15-Nov	1994	Conwy	Talk	Short Topics	JF, JW, WJ, CoB
12-Oct	1994	Menai Br.	Talk	Irish Sea Oil & Gas	S. Trueblood
9-Jul	1994	Llangollen	Field Trip	Palaeozoic sediments	W. Jones
11-Jun	1994	Conwy	Field Trip	Volcanics & sediments, Conwy Mtn	J. Wilkins
11-May	1994	Wrexham	Talk	Ice Age North Wales	K. Addison
6-Apr	1994	Conwy	Talk	Spitzbergen	Jim Fenton
3-Mar	1994	Conwy	Inaugural Talk	Geology & Scenery of North Wales	Prof. Dennis Wood

Talk Venues

NEWI (North East Wales Institute of Higher Education), Wrexham. Derek Jones, NEWI Natural and Built Environment Dept. 01978 293098, d.jones@newi.ac.uk

CONWY, Library and Civic Hall, Castle Street, Conwy (door by pedestrian crossing) (map on website)

EVENT NOTICES: Fred Owen, 01565 651004, fredowen@tinyworld.co.uk
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Visit our website:
www.ampyx.org.uk/cdgc

*North Wales:
Geology
On Our Doorstep*

NORTH WALES GEOLOGY DIARY: (FOR DETAILS SEE INSIDE)

March 17 Wed, Conwy, 7.30 pm, Global Warming and Sea Level Rise: The Geological Context, a talk by Paul Markwick of Robertson Research. Paul's academic and commercial research over the past 10 years makes him well-placed to put these "hot topics" in perspective.

March 27 Sat, NEWI, Wrexham, Scientriffic, our annual showcase for North Wales geology. This year entitled "**LIFE, DEATH AND FOSSILS**". The more hands we can have helping on the day the better (allows folk to have free time to visit the other exhibits). So if you would like to be involved, please give Jonathan 01492 583052 or Will Jones (01492 580056) a call.

April 21 Wed, NEWI, Wrexham, 7.30 pm, The Life and Work of Alfred Wegener, a talk by Clare Dudman. The extraordinary life of the scientist who developed the revolutionary theory of Continental Drift, Alfred Wegener, remains largely unknown: an Arctic explorer and war hero, he died heroically on the Greenland ice sheet aged just 50. The speaker will illustrate her talk using her own and contemporary photographs collected during her research for her novel: **WEGENER'S JIGSAW.**

"I do have specimens from Greenland- gneisses from the Pre Cambrian part of a pre Pangaea shield I believe - some of the oldest rocks in the world. I picked them up near to where Alfred Wegener perished on the ice sheet. I'll bring them along."

