



Geologists' Association - South Wales Group

Cymdeithas Y Daearegwyr - Grŵp De Cymru

Registered Charity Number 1054303

50 YEAR ARCHIVES 1960-2010 - MEMBERSHIP CARDS

This section includes membership cards issued from 1960 to 2010.

In fact, membership cards were first introduced in 1964; these gave the winter programme for each session.

From 2001 onwards, a card with the summer programme and a shortened version of the Field Safety Policy and Code was also printed.

The compilation has been taken from the membership cards given in 2010 by Alun J Thomas (Secretary 1966-1989).

Alun's collection holds almost all the membership cards issued over the years. Missing are:

Session 18,	1976-77	(missing but scanned)
Session 48,	2007 summer	(?not printed)
Session 49,	2007-08	(?not printed)
Session 49,	2008 summer	(not printed)
Session 51,	2009-2010	(missing but scanned)

The missing cards for sessions 18 1976-77 and 51 2009-10 were borrowed from Malcolm Shaw (Treasurer 1999-2008) for scanning.

Alun's cards were often altered by him when changes to the programme were made after the beginning of a session – this has proved very useful.

Alan J. Thomas.

OFFICERS

Chairman **Mr. David J. W. Thomas,**
63 St. Michael's Road,
Llandaff (Tel. 73743)
Cardiff.

Secretary **Mr. George Askey,**
102 Ty Glas Road,
Llanishen,
Cardiff (Tel. 53663)

Excursion
Secretary **Mr. Trevor M. Thomas,**
Ty Derw,
Talbot Green.

Treasurer **Mr Roland Parsons,**
Greenacre,
St. Martins Crescent,
Caerphilly.

Subscriptions
Members of Parent Association 2/-
Senior Members 5/-
Student Members 2/-



GEOLOGISTS ASSOCIATION

South Wales Branch

MEMBERSHIP CARD

1964-65

Walter Ellis and Son (Printers) Ltd., Caerphilly

6th session

LECTURE PROGRAMME

1964

OCTOBER 17th

At UNIVERSITY COLLEGE SWANSEA, GEOLOGY
DEPARTMENT 11 a.m.

DR. R. J. G. SAVAGE (Geology Department, Bristol University)
"Finding Fossil Mammals."

NOVEMBER 14th

At UNIVERSITY COLLEGE CARDIFF, GEOLOGY
DEPARTMENT 11 a.m.

PROFESSOR F. H. T. RHODES (Geology Dept University College
Swansea) "Australia—An Isolated Continent."

DECEMBER 12th

at SWANSEA 11 a.m.

DR. V. G. WALMESLEY (Geology Department University College
Swansea) "The Silurian of South Wales"

1965

JANUARY 16th

at CARDIFF 11 a.m.

MR. BRIAN SIMPSON (Geology Department, University College
Swansea) "Gemstones"

FEBRUARY 13th

at SWANSEA 11 a.m.

MR. J. W. BAKER (Geology Department University College
Cardiff)

"The O.R.S. of South Wales and the Welsh Borderland"

MARCH 13th

At CARDIFF 11 a.m.

ANNUAL GENERAL MEETING followed by
DR. R. H. CUMMINGS (Robertson Research Institute Llandulas
Denbighshire)

"Geology in Industry—A Neglected Tool?"

Details of Summer Excursions will be published during the
Spring.

Alun J. Thomas

OFFICERS

Chairman **Mr. David J. W. Thomas**
63, St. Michael's Road,
Llandaff,
Cardiff (Tel. 73743)

Secretary **Mr George Askey**
102, Ty Glas Road,
Llanishen,
Cardiff (Tel. 53663)

Excursion Secretary **Mr Trevor M. Thomas,**
Ty Derw,
Talbot Green.

Treasurer **Mr. Roland Parsons**
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St. Martin's Crescent,
Caerphilly (Tel. 2578)

Subscriptions :
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Senior Members 5/-
Student Members 2/-

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GEOLOGISTS ASSOCIATION

South Wales Group

MEMBERSHIP CARD

1965 - 66

LECTURE PROGRAMME

7th session

1965

OCTOBER 9th

At UNIVERSITY COLLEGE CARDIFF,
GEOLOGY DEPARTMENT 11 a.m.
DR. D. A. BASSETT (National Museum of
Wales)—"Geology and Geologists in Wales
and the Welsh Borderland."

November 6th

At UNIVERSITY COLLEGE SWANSEA,
GEOLOGY DEPARTMENT 11 a.m.
MR. K. J. HILTON, LL.B. (University College,
Swansea)—"The Lower Swansea Valley
Project."

DECEMBER 11th

At UNIVERSITY COLLEGE CARDIFF,
GEOLOGY DEPARTMENT 11 a.m.
PROFESSOR T. NEVILLE GEORGE, F.R.S.,
(Professor of Geology, University of Glasgow)
—"Aspects of the Geomorphology of Western
U.S.A."

1966

JANUARY 15th

At UNIVERSITY COLLEGE SWANSEA
GEOLOGY DEPARTMENT 11 a.m.
MEMBERS DAY—Mr J. M. N. FIRTH B.Sc.
and others. Mr Firth's topic will be entitled
"Minerals of Glamorgan."

FEBRUARY 5th

At UNIVERSITY COLLEGE, CARDIFF
GEOLOGY DEPARTMENT 11 a.m.
MR. T. M. THOMAS, M.Sc., (Ministry of
Town and Country Planning)—"Landforms
and Scenery in Western Canada".

MARCH 12th

At UNIVERSITY COLLEGE SWANSEA
GEOLOGY DEPARTMENT 10.40 a.m.
ANNUAL GENERAL MEETING
followed by Chairman's address Mr. D. J. W.
THOMAS, B.Sc., "The Personality of Geology"

Details of Summer Excursions will be issued
during the Spring.

OFFICERS

- Chairman** Mr T. R. Owen, M.Sc.
Department of Geology,
University College,
Swansea.
- Secretary** Mr Alun J. Thomas, B.Sc.,
Schools Service Officer
in Geology,
National Museum of Wales,
Cardiff.
Tel. : Cardiff 26241
- Excursion
Secretary** Mr Trevor M. Thomas, M.Sc.
Welsh Office,
Cathays Park,
Cardiff.
- Treasurer** Mr Roland Parsons, B.A.
Greenacre,
St. Martin's Crescent,
Caerphilly.
Tel. : Caerphilly 2578
- Subscriptions
Member of Parent Assoc. 2/-
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GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1966-67

LECTURE PROGRAMME

8th session

1966

September 24th

At UNIVERSITY COLLEGE, CARDIFF,
GEOLOGY DEPARTMENT, 10.30 a.m.
Dr. W. J. Phillips (Geology Department,
University College of Wales, Aberystwyth).
"Aspects of Ordovician Volcanicity"

October 29th

At UNIVERSITY COLLEGE, SWANSEA,
GEOLOGY DEPARTMENT, 11 a.m.
Dr. H. Squirrel (H.M. Geological Survey)
Lecture title to be announced later.

November 19th

At UNIVERSITY COLLEGE, CARDIFF,
GEOLOGY DEPARTMENT, 11 a.m.
Dr. C. R. K. Blundell (Geology Department
University College, Cardiff).
"The Geology of the Moon"

December 10th

At UNIVERSITY COLLEGE, SWANSEA,
GEOLOGY DEPARTMENT, 10.45 a.m.
Members Meeting
1. Exhibition of Colour Slides.
2. Papers by Members.

1967

January 21st

At UNIVERSITY COLLEGE, CARDIFF,
GEOLOGY DEPARTMENT, 11 a.m.
Dr. F. Trotter (late H.M. Geological Survey)
"The Genesis of Coal Seams."

February 18th

At UNIVERSITY COLLEGE, SWANSEA
GEOLOGY DEPARTMENT, 11 a.m.
"Symposium on Applied Geology".
Speakers will include :—
Professor J. G. C. Anderson (University
College, Cardiff). Dr. R. Cummings (Robert-
son Research Co. Ltd., Llanddulas).

March 11th

At UNIVERSITY COLLEGE, CARDIFF,
GEOLOGY DEPARTMENT, 10.45 a.m.
"Annual General Meeting," followed by
Dr. J. Ineson (Water Resources Board)
"Geological Aspects of Water Supply in
Wales"

Details of Summer Field Excursions will be
issued during the spring.

OFFICERS

Chairman **Mr. T. R. Owen, M.Sc.**
14, Wimmerfield Crescent,
Killay, Swansea. Tel: 23053

Secretary **A. J. Thomas, B.Sc.,**
34, Porth-y- Castell,
Barry. Tel: 5279

Excursion **T. M. Thomas, M.Sc.,**
Secretary Ty Derw, Ely Valley Road,
Talbot Green.

Treasurer **R. Parsons, B.A.,**
Greenacre, St. Martin's Cresc.
Caerphilly. Tel: 2578

SUBSCRIPTIONS

Senior Members	5/-
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Student Members	2/-

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GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1967-68

LECTURE PROGRAMME

1967

October 14th

At UNIVERSITY COLLEGE, SWANSEA,
GEOLOGY DEPARTMENT, 11.00 a.m.

EXTRA-ORDINARY GENERAL MEETING
followed by :

MEMBERS' MEETING :

A. Criddle (Dept. of Mining, U. Col. Cardiff)
'Mineral formation in the Carboniferous
of South Wales.' *not available*

J. Hartwell (Midland Silicones Ltd.) :
'Expedition to Balinka Pit, Yugoslavia'.

Dr. D. Keatch (Dept. of Geography, City
College of Education, Cardiff) :
'Aspects of the transportation of coastal
sediments along part of the Glamorgan
Coast'.

November 18th

At UNIVERSITY COLLEGE, CARDIFF,
GEOLOGY DEPARTMENT, 11.00 a.m.

Dr. T. W. Bloxham (Dept. of Geology,
Un. Coll. Swansea):
'The Geochemistry of Sediments'.

December 16th

At UNIVERSITY COLLEGE SWANSEA,
11.00 a.m.

T. M. Thomas (Welsh Office) -
'Landforms and geology of "Canyonlands,"
S.E. Utah - America's new national park.'

1968

January 27th

At UNIVERSITY COLLEGE, CARDIFF,
11.00 a.m.
Professor D. H. Griffiths (Dept. of Geology,
Birmingham Uni.) :
'Recent discoveries in marine geophysics.'

February 17th

At UNIVERSITY COLLEGE, SWANSEA,
11.00 a.m.
Professor C. Kidson (Dept. of Geography,
Uni. Coll. of Wales, Aberystwyth) :
'The Pleistocene development of the Bristol
Channel coastline with special reference
to the Somerset coast.'

March 16th

At UNIVERSITY COLLEGE CARDIFF,
11.00 a.m.

Symposium on Palaeontology.

Morning :

Dr. J. W. Cope, (Dept. of Geology,
Un. Coll. Swansea) :
'Recent Researches on Ammonites.'

Afternoon :

Dr. I. Strachan (Dept. of Geology,
Birmingham Uni.) : 'Graptolites.'
Professor H. B. Whittington (Dept. of
Geology, Cambridge Uni.) :
'The Natural History of Trilobites.'

April 6th

At UNIVERSITY COLLEGE, SWANSEA,
11.00 a.m.

The ANNUAL GENERAL MEETING
followed by The PRESIDENTIAL ADDRESS-
'Problems associated with the evolution of
surface and drainage in South Wales.'

Details of summer excursions will be pub-
lished during Spring, 1968.

OFFICERS

Chairman:

I. W. BAKER, Ph.D.,
1 Charlotte Square,
Rhiwbina,
Cardiff. Tel. 63075.

Vice-Chairman:

T. M. THOMAS, M.Sc.
Ty Derw,
Ely Valley Road,
Talbot Green.

Secretary:

A. J. THOMAS, B.Sc.,
14 Porth y Castell,
Barry CF6 8QD. Tel. 5279.

Treasurer:

R. PARSONS, B.A.,
Greensacre,
St. Martin's Crescent,
Casrphilly. Tel. 2578.

SUBSCRIPTIONS

Senior members £1
Junior members 2/-



**GEOLOGISTS'
ASSOCIATION**

SOUTH WALES GROUP

MEMBERSHIP CARD

1968-69

10th session

Programme of Meetings

1968

October 19, 11.00

At University College Cardiff,
Dept. of Geology:

Dr. F. T. BANNER (Dept. of Geology, University College
Swansea),
OCEANOGRAPHY'.

November 16, 11.00

At University College Swansea,
Dept. of Geology:

MEMBERS' MEETING

An exhibition displaying activities by members.

December 14, 11.00

At University College Cardiff,
Dept. of Geology:

SYMPOSIUM ON PALAEOLOGY.
(details to be announced).

1969

January 18, 11.00

At University College Swansea,
Dept. of Geology:

Dr. D. Q. BOWEN (Dept. of Geography, University
College, Aberystwyth),
**'THE PLEISTOCENE HISTORY OF SOUTH WALES
AND THE BRISTOL CHANNEL'.**

February 15, 11.00

At University College Cardiff,
Dept. of Geology:

Professor D. L. DINELEY (Dept. of Geology,
University of Bristol),
'THE LOST CONTINENT OF THE DEVONIAN'.

March 15, 11.00

At University College Swansea,
Dept. of Geology:

TENTH ANNUAL GENERAL MEETING.

'SYMPOSIUM ON THE IRISH SEA';

Contributors will include—

Dr. D. J. BLUNDELL (Dept. of Geology, University of
Birmingham),

Dr. M. R. DOBSON (Dept. of Geology, University
College, Aberystwyth),

Dr. J. E. WRIGHT (Institute of Geological Sciences,
London).

Details of field excursions to be announced during
Spring 1969.

Alan J. Thomas

OFFICERS

- Chairman** J. W. BAKER, Ph.D.,
1 Charlotte Square,
Rhiwbina, Cardiff
Tel. 63075
- Vice-Chairman** T. M. THOMAS, H.Sc.
Ty Derw, Ely Valley Road,
Talbot Green
- Secretary** A. J. THOMAS, B.Sc.,
34 Porsh y Castell, Barry CF6 8QD
Tel. 5279
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Carmphilly
Tel. 2578

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Junior members 2/-



GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1969-70

Programme of Meetings

11th session

1969

October 18, 11.00
At University College Cardiff,
Department of Geology:
'Kashmir and Bohemia, or how I did not represent the
G.A. at two international congresses':
Professor D. V. Ager (University College Swansea
Department of Geology).

November 15, 11.00
At University College Swansea,
Department of Geology.
'Ancient quicksands':
Dr. Gwyn Thomas (Imperial College London
Department of Geology).

December 13, 11.00
At University College Cardiff,
Department of Geology.
'William Smith and his work':
Mrs. J. M. Eyles

1970

January 17, 11.00
At University College Swansea,
Department of Geology:
'The formation of caves with special reference to
South Wales':
Dr. G. T. Warwick (University of Birmingham
Department of Geography).

February 21, 11.00
At University College Cardiff Department
of Mineral Exploitation.
Visit to the department:
Professor J. Platt, Professor A. P. Millman

March 14, 11.00
At University College Swansea
Department of Geology
ELEVENTH ANNUAL GENERAL MEETING
followed by the PRESIDENTIAL ADDRESS—
'In Wales before the Cambrian'.

Details of field excursions to be announced during
Spring 1970.

OFFICERS

Chairman :

T. M. THOMAS, M.Sc.,
Ty Derw, Ely Valley Road,
Talbot Green.

Vice-Chairman :

M. J. BROOKS, Ph.D.,
8 Beeches Close,
Sketty, Swansea.
Tel. Swansea 23116

Secretary :

A. J. THOMAS, B.Sc.,
34 Porth y Castell, Barry. CF6 8QL
Tel. Barry 5279

Treasurer :

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Greenacre, St. Martin's Crescent,
Caerphilly.
Tel. Caerphilly 2578

SUBSCRIPTIONS

Senior members £1
Junior members 2/- (10p.)



GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1970 - 71

1/2 the session

Programme of Meetings

1970

October, 17, 11.00

At University College, Cardiff,
Department of Geology :
'Life in Pre-Cambrian and early
Cambrian times' :
Dr. J. W. Cowie, (University of Bristol)

November, 21, 11.00

At University College, Swansea,
Department of Geology :
'The Severn, an Estuary in question' :
J. N. M. Firth, (University of Bristol)

December, 19, 11.00

At University College, Cardiff,
Department of Geology :
'New eyes in the Ice Age' :
Dr. G. R. Coope, (University of
Birmingham)

1971

January, 16, 11.00

At University College, Swansea,
Department of Geology :
'Hydrogeological aspects of the Bunter
Sandstone in the East Midlands' :
Dr. B. P. J. Williams, (University of
Bristol)

February, 20, 11.00

At University College, Cardiff,
Department of Geology :
'Early development of the mineral
industry' :
Dr. J. W. Barnes, (University College,
Swansea)

March, 20, 11.00 **AGM.**

At University College, Swansea,
Department of Geology :
'Geology in the service of the Iron and
Steel Industry' :
Dr. W. Davies, (University College of
Wales, Aberystwyth)

Details of field excursions to be announced
during Spring, 1971.

OFFICERS

Chairman :

T. M. THOMAS, M.Sc.,
Ty Derw, Ely Valley Road,
Talbot Green.

Vice-chairman :

M. BROOKS, Ph.D.,
8 Beeches Close,
Sketty, Swansea.
Tel. Swansea 23116

Secretary :

A. J. THOMAS, B.Sc.,
34 Porth y Castell, Barry. CF6 8QI
Tel. Barry 5279

Treasurer :

R. PARSONS, B.A.,
Greenacre, St. Martin's Crescent,
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Tel. Caerphilly 2578

MEMBERSHIP SUBSCRIPTION

Senior £1.00
Junior £0.10



GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1971 - 72

Thirteenth session — Programme of meetings

1971

October 16, 10.45

at University College Swansea,

Department of Geology :

Extraordinary general meeting, followed
by 'The formation of post-orogenic
mineral veins' :

Dr. W. J. Phillips, University College of
Wales, Aberystwyth.

November 20, 11.00

at University College Cardiff,

Department of Geology :

(provisional title) 'Geological mapping
in Great Britain' :

Dr. A. W. Woodland, deputy director
Institute of geological sciences.

December 18, 11.00

at University College Swansea,

Department of Geology :

'The Variscan fold-belt' :

Dr. S. C. Matthews, University of Bristol.

1972

January 22, 11.00

at University College Cardiff,

Department of Geology :

'Source-rocks and depositional environ-
ments of the Old Red Sandstone, Anglo-
Welsh basin' :

Dr. J. R. L. Allen, University of Reading.

February 19, 11.00

at University College Swansea,

Department of Geology :

'The Bristol Channel' :

Symposium by members of staff,
University College Swansea Department
of Geology.

March 19, 11.00

at University College Cardiff,

Department of Geology :

13th annual general meeting, followed
by retiring chairman's address :
'Western U.S.A.—a geological and
geomorphological showhouse, an arena
of physical fantasy'.

Details of field excursions to be announced
during Spring 1972.

OFFICERS

Chairman :

M Brooks PhD,
8 Beeches close, Sketty,
SWANSEA
tel Swansea 23116

Vice chairman :

D E Evans B Sc,
10 Lisnagarvey court,
Caer Wenallt,
CARDIFF
tel Cardiff 66726

Secretary :

A J Thomas B Sc,
34 Porthycastell
BARRY CF6 8QD
tel Barry 5279

Treasurer :

R Parsons BA,
Greenacre, St Martins crescent,
CAERPHILLY
tel Caerphilly 2578

MEMBERSHIP SUBSCRIPTION

Senior £0.50
Junior £0.10



GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1972-73

Fourteenth session — Programme of meetings

1972

October 21, 11.00

at university college Cardiff,

department of geology :

'The Arctic caledonides and their bearing
on a caledonian ocean' :

Dr R A Gayer, university college Cardiff.

November 18, 11.00

at university college Swansea,

department of geology :

'Plate tectonics and the pre-Mesozoic
history of Britain' :

T R Owen, university college Swansea.

December 16, 11.00

at university college Cardiff,

department of geology :

(provisional) film on geology

(to be arranged).

1973

January 20, 11.00

at university college Swansea,

department of geology :

'Periglacial deposits and landforms in
mid-Wales' :

Dr E Watson, university college Aberyst-
wyth.

February 17, 11.00

at university college Cardiff

department of geology :

'The Variscides of the British isles' :

Professor S Simpson, university of
Exeter.

March 17, 11.00

at university college Swansea,

department of geology :

14th annual general meeting followed by
'The Bristol channel' : a symposium by
members of staff, department of geology,
university college Swansea.

Details of field excursions to be announced
during Spring 1973.

OFFICERS

Chairman :

M Brooks Ph D
8 Beeches close, Sketty
SWANSEA
tel Swansea 23116

Vice chairman :

D E Evans B Sc
10 Lisnagarvey court
Caer Wenallt
CARDIFF
tel Cardiff 66726

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A J Thomas B Sc
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tel Barry 5279

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tel Caerphilly 882578

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Senior £0.50
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GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1973-74

1973-74

Fifteenth session — programme of meetings

1973

October 20, 11.00

at university college Swansea
department of geology;
'The early history of The Earth':
Professor J Sutton,
Imperial college London

November 17, 11.00

at university college Cardiff
department of geology;
'Climatic belts and sedimentation in Phanerozoic
times'; Dr. ATS Ramsay
university college Swansea

December 22, 11.00

at university college Swansea
department of geology;
'Problems of the Welsh Quaternary':
Dr D Q Bowen,
university college Aberystwyth
(postponed to am 16.2.74)

1974

January 19, 11.00

at university college Cardiff
department of mineral exploitation;
Symposium on 'Mineral resources and
the "energy gap" with particular refer-
ence to the UK':
Speakers to include Professor J Platt,
dept of mineral exploitation, T M Thomas,
Welsh office

February 16, 11.00

at university college Swansea
applied science lecture theatre A;
'Films on Earth sciences, 3':
(jointly with national museum of Wales
schools service)

March 16, 10.45

at university college Cardiff
department of geology;
15th annual general meeting, followed by
'The role of experimental studies in understanding the
dynamics of rock preservation and development';
Dr J A E Hubbard, Kings college London

Details of field excursions to be announ-
ced during Spring 1974

OFFICERS

Chairman

DE Evans BSc
10 Lisnagarvey court
Caer Wenallt
CARDIFF CF1 1BP
tel 0222 66726

Vice chairman

RA Gayer PhD
14 Millbrook park
Lisvane
CARDIFF CF
tel 0222 751916

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AJ Thomas BSc
34 Porthycastell
BARRY CF6 8QD
tel 04462 5279

Treasurer

R Parsons BA
Greenacre, St Martins crescent
CAERPHILLY CF8 1ER

MEMBERSHIP SUBSCRIPTION

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Junior £0.10



GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1974-75

SIXTEENTH SESSION — PROGRAMME OF MEETINGS

1974

October 12, 10.30
at the national museum of Wales
Reardon Smith lecture theatre;
'Films on Earth sciences, 4'

October 18-20
field excursion to 'Pembrokeshire' at
St. Davids—'Structural and sedimentological techniques in field geology—Pembrokeshire'; leaders Drs PL Hancock and BPJ Williams, uni of Bristol

November 16, 11.00
at university college Cardiff
department of geology;
'Variscan structures in Pembrokeshire';
Dr PL Hancock, uni of Bristol

December 14, 11.00
at university college Swansea
department of geology;
'The volcanic geology and petrology of the Lesser Antilles'; Dr WJ Rea, uni coll of Wales Aberystwyth

December 14, 11.00
at university college Swansea
department of geology;
a lecture for junior members by
Dr W John Phillips, uni coll of Wales
Aberystwyth—(title to be arranged)

A volcano in action

1975

January 18, 11.00
at uni of Bristol
department of geology;
a visit to the department of geology with
Professor DL Dineley and members of
staff; followed by a field excursion to
the Aust district (*leader D Hamilton*)

February 15, 11.00
at university college Swansea
department of geology;
'The geology of the Alps';
Professor JG Ramsay FRS, uni of Leeds

March 15, 11.00
at university college Cardiff
department of geology;
(to be arranged) *16th AGM*
Dr Alan Smith The geology of the English channel
March 22, 11.00

at the national museum of Wales
Reardon Smith lecture theatre;
a lecture for junior members.
(title to be arranged) *Hunting for dinosaurs in*
England
Dr Alan Charig, British museum (natural
history) London *Peter J Whybrow*

OFFICERS:

Chairman:

D. Emlyn Evans, B.Sc.,
10 Lisnagarvey Court,
Caer Wenallt,
Cardiff. Tel.: Cardiff 66726

Vice-Chairman:

Dr. Rodney A. Gayer,
14 Millbrook Park,
Llsvane,
Cardiff. Tel.: Cardiff 751916

Secretary:

Alun J. Thomas, B.Sc.,
34 Porth-y-Castell,
Barry. Tel.: Barry 5279

Treasurer:

Roland Parsons, B.A.,
Greenacre,
St. Martins Crescent,
Caerphilly. Tel.: Caerphilly 882578

Members Subscription—Senior £1.00
Junior £0.10



GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD
1975-76

Seventeenth session — programme of meetings

1975

Saturday, 18th October 11.00

University College, Cardiff,
Department of Geology.
'Leonardo Da Vinci and Geology'
R. Bradshaw,
University of Bristol.

Saturday, 15th November 11.00

University College, Swansea,
Department of Geology.
'Aspects of the Geology of Central Wales'
Dr. M. Anketell,
University of Manchester.

Saturday, 13th December 11.00

University College, Cardiff,
Department of Geology.
'Early Ordovician Faunas and
Environments of the Carmarthen Area'
Dr. R. M. Owens,
National Museum of Wales.

National Museum of Wales 14.00

Reardon Smith Theatre.,
'Films on Earth Sciences 5'
(In collaboration with
Museum Schools Service).

1976

Saturday, 17th January 11.00

University College, Swansea,
Department of Geology.
'Deep Structure of South Wales and the
Bristol Channel based on recent
Explosion and Quarry-Blast Techniques'
Lecture/Demonstration.
Dr. M. Brooks,
University College, Swansea.

Saturday, 21st February 11.00

University College, Swansea,
Department of Geology.
'Symposium on Local Geology'

Saturday, 13th March 11.00

University College, Cardiff,
Department of Geology.
17th A.G.M. followed by the
Trevor Thomas Memorial Lecture
'Invertebrate Skeletal Growth and
Continental Drift'
Professor Alwyn Williams, F.R.S.,
University of Birmingham.

Details of Field Excursions to be
announced during Spring 1976.

OFFICERS

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Department of Geology,
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GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

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1976-77

Eighteenth session - programme of meetings

1976

Saturday, 16th October 11.00

Department of Geology
University College, Cardiff:
'Mid Plates',
Dr. E. R. Oxburgh, University of Oxford.

Saturday, 20th November, 11.00

Department of Geology and Oceanography
University College Swansea:
'Sedimentary basins associated with
strike-slip faulting',
Dr. H. G. Reading, University of Oxford

Saturday, 11th December, 10.30

National Museum of Wales, Cardiff
(Reardon Smith lecture theatre).
'Films on Earth Sciences, 6'
a two and a half hour programme of films
including 'The drifting of the Continents',
'A case history of the Gower coast'
(in collaboration with the Museum
schools service).

1977

Saturday, 15th January 11.00

Department of Geology and Oceanography
University College Swansea:
'Did the Chalk sea cover Wales?'
Dr. J. M. Hancock, University College
London.

Saturday, 19th February 11.00

Department of Geology
University College, Cardiff :
The Trevor M. Thomas Memorial lecture:
'Limestone caves and mineralisation'
given by
Dr. T. D. Ford, University of Leicester

Saturday, 19th March 11.00

Department of Geology and Oceanography
University College, Swansea :
The 18th Annual General Meeting
followed by
'Silurian Studies in
Britain and Scandinavia,''
Dr. M. G. Bassett,
National Museum of Wales.

Details of the field excursion programme
to be published in early 1977.

OFFICERS

Chairman : Dr. R. A. Gayer,

Department of Geology,
University College, Cardiff CF1 1XL
Tel.: Cardiff 44211, ext. 2076.

Vice-Chairman : Professor D. V. Ager,

Dept. of Geology,
University College, Singleton Park,
Swansea, SA2 8PP
Tel.: Swansea 25678, ext. 345

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GEOLOGISTS ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1977-78

Nineteenth session - programme of meetings

1977

Saturday, 15th October

Field Meeting 'The Carboniferous Limestone of the Abergavenny district' :
Leaders : W. J. Barclay and D.I. Jackson,
(IGS London).
Meet 10.00 at Cwar yr Hendre quarry entrance (grid square SO1015).

Saturday, 22nd October 11.00 a.m.

University College of Swansea, Dept of Geology :
'Plate tectonics and the early history of the Earth' :
Dr. Brian F. Windley (University of Leicester)
The lecture will follow an
EXTRAORDINARY GENERAL MEETING
to be held at 11.00 a.m.

Saturday, 12th November

Field meeting : 'The geology of the Llangynog district' :
Leader : Dr. J.C.W. Cope, (University College of Swansea).
Meet 10.00 a.m. at sliproad from the A40 to B4312 (grid ref SN398194).

Saturday, 19th November 11.00 a.m.

University College of Cardiff Dept. of Geology :
'Early Ordovician volcanism in North Pembrokeshire'.
Dr. Robert L. Roach (University of Keele)

Saturday, 26th November 10.30 a.m.
National Museum of Wales Cardiff,
Reardon Smith Lecture Theatre :
'Films on Earth Sciences, 7' (in conjunction with the Museum Schools Service) includes :

San Francisco, the city that waits to die :
Plate tectonic processes : Rivers at work :
North sea oil :

Saturday, 17th December, 11.00 a.m.
University College of Swansea, Dept of Geology : 'The geology of Wine'.
Dr. Peigi Wallace (Imperial College London)

1978

Saturday, 21st January, 11.00 a.m.
University College of Cardiff, Dept of Geology :
'Recent advances in sedimentology illustrated in the Geology of South Wales' :
Dr. Trevor Elliott (University College of Swansea).

Saturday, 18th February, 11.00 a.m.
National Museum of Wales, Cardiff
Short symposium of aspects of Welsh palaeontology : 'Recent discovery of Ediacara from the Cambrian of Carmarthen' : Dr. J. C. W. Cope (University College of Swansea); 'Triolite trace fossils' - Dr. T. P. Crimes (University of Liverpool); 'Welsh graptolites' - Dr. R. B. Rickards, (University of Cambridge).

Saturday, 18th March, 11.00 a.m.
University College of Cardiff, Dept. of Geology :
19th ANNUAL GENERAL MEETING
followed by the Chairman's Address :

'Iapetus, the Caledonian ocean'.

Dr. R. A. Gayer (University College, Cardiff)

OFFICERS

Chairman: Professor D V Ager

Department of Geology, UCS
Singleton Park
SWANSEA SA2 8PP
Tel: 0792 25678 ex 345

Vicechairman: J W Perkins

Department of Extramural Studies, UC
38-40 Park Place
CARDIFF CF1 3BB
Tel: 0222 44211 ex 2547

Secretary: A J Thomas

c/o Department of Geology
National Museum of Wales
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SOUTH WALES GROUP

MEMBERSHIP CARD
1978-79

Twentieth session - programme of meetings

1978

21 October

University College of Swansea
C 09.45 Committee meeting
O 11.00 'Deformation and metamorphism in overthrust belts'
Dr. G. Williams (UC Cardiff)

28 October,

Ogmore by Sea
F 14.00 'Aspects of the palaeoecology of the Carboniferous and Jurassic strata in the Ogmore-Southerndown district'

Leader, Professor D.V. Ager (UC Swansea)

Meet in main car park at north end of village (map ref SS 863756). Please inform excursions secretary if you intend to come.

18 November,

University College Cardiff
O 11.00 'Pleistocene geology in South Wales'
Dr C Harris (UC Cardiff)

25 November,

National Museum of Wales Cardiff
O 11.00 'Films on Earth Sciences, 8' (in conjunction with the Museum Schools Service); programme - The drifting of the continents (BBC), Plate tectonic processes (inc Anglesey), A case study of the Gower coast (inc marine biol), A case study of Cwm Idwal and Nant Ffrancon (all 3 OU). Story in the rocks (Shell).

16 December,

University College of Swansea
O 11.00 'New thoughts on the Old Red (Sandstone)'
Dr BPJ Williams (Bristol)

1979

20 January,

University College Cardiff
C 09.45 Committee meeting
O 11.00 'Some ophiolites and their tectonic setting'
Dr AG Smith (Cambridge)

10 February,

Last date for receipt of nominations for Committee

17 February,

University College Cardiff
O 11.00 'Geology of the Costa Blanca (Alicante)'
JW Perkins (UC Cardiff)

10 March,

University College of Swansea
C 09.45 Committee meeting
A 10.45 20th ANNUAL GENERAL MEETING
O 11.15 'Organic reefs, ancient and modern'
Dr RH Riding (UC Cardiff)

Ordinary (O) meetings are held at 11.00 on a Saturday (usually the 3rd of the month), Field (F) meetings usually on a Saturday, Committee (C) meetings usually on a Saturday.

OFFICERS

Chairman: Professor D. V. Ager
Department of Geology, UCS
Singleton Park
SWANSEA SA2 8PP
Tel: 0792 25678 ex 345

Vice-chairman: J. W. Perkins
Department of Extramural Studies, UCC
38-40 Park Place
CARDIFF CF1 3BB
Tel: 0222 44211 ex 2547

Secretary: A. J. Thomas
c/o Department of Geology
National Museum of Wales
CARDIFF CF1 3NP
Tel: 0222 397951 ex 214

Treasurer: R. Parsons
Greenacre, St. Martins Crescent
CAERPHILLY CF8 1ER
Mid Glamorgan
Tel: 0222 882578

Field excursions Secretary: Dr. R. M. Owens
Department of Geology
National Museum of Wales
CARDIFF CF1 3NP
Tel: 0222 397951 ex 213

Editor: Dr. M. G. Bassett
Department of Geology
National Museum of Wales
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GEOLOGISTS ASSOCIATION

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MEMBERSHIP CARD
1979-80

Twenty First session - programme of meetings

1979

20 October

University College of Swansea
C 09.45 Committee meeting
O 11.00 "The geological evolution of
Wales - 25 years after 'OT' "
Professor Richard Owen, UC of Swansea
(Chairman 1966-1968)

17 November

University College Cardiff
O 11.00 "Problems of the Caledonides"
Dr. Rodney Gayer, UC Cardiff (chairman -
1976-1978)

8 December

University College Cardiff
O 11.00 "Recent geological investigations
in the North Aegean Sea"
Professor Michael Brooks, UC Cardiff (chair-
man 1972-1974)

16-19 December

University College Cardiff
Meeting of the Palaeontological Association
any Group members wishing to attend
should contact the organiser - Ted Nield
at UCC.

20-21 December

University College of Swansea
Meeting of the British Sedimentological
Research Group; any Group members
wishing to attend should contact the orga-
niser - Dr. Trevor Elliott at UCS.

1980

26 January

University College Cardiff
C 09.45 Committee meeting
O 11.00 "Mineralogy in the modern
world"
Dr. A.C. Bishop, British Museum (Natural
History) London (President 1977-1980, Geo-
logists Association)

9 February last date for receipt of nomina-
tions for committee.

16 February

University College of Swansea
O 11.00 "Standing on Carboniferous
shoulders"
Dr. Douglas Bassett, National Museum of
Wales Cardiff (founder chairman 1960-1962)

15 March

University College of Swansea
C 09.45 Committee meeting
AGM 10.45 TWENTY FIRST ANNUAL
GENERAL MEETING
O 11.00 Retiring chairman's address
"The Mesozoic opening of the
Atlantic or what the Brachio-
pod saw" -
Professor Derek Ager, UC of Swansea
(chairman 1978-1980)

Ordinary (O) meetings are held at 11.00 on a
Saturday (usually the 3rd in the month). Field
(F) meetings usually on a Saturday, Com-
mittee (C) meetings usually on a Saturday.

OFFICERS 1980 - 1981

- Chairman:** JOHN W. PERKINS, Department of Extramural Studies, University College, 38-40 Park Place, Cardiff CF1 3BB; tel (0222) 44211 ext. 2547
- Vice Chairman:** Dr. JOHN W. COPE, Department of Geology, University College of Swansea, Singleton Park, Swansea SA2 8PP; tel (0792) 25678 ext 348
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- Field Excursions Secretary:** Dr. ROBERT M. OWENS, Department of Geology, National Museum of Wales, Cardiff CF1 3NP; tel (0222) 397951 ext 213
- Editor:** Dr. MICHAEL G. BASSETT, Department of Geology, National Museum of Wales, Cardiff CF1 3NP; tel (0222) 397951 ext. 212.

Membership

Subscriptions: (due 1st September)

Ordinary £2.00

Student 20p

GEOLOGISTS ASSOCIATION SOUTH WALES GROUP

CHAIRMAN: JOHN W PERKINS BSC

PROGRAMME OF MEETINGS

1980 - 1981



MEMBERSHIP CARD

TWENTY SECOND SESSION

1980

- 18 October University College Cardiff
C 09.45 "Problems of the British Pleistocene" -
O 11.00 Dr. David Q. Bowen, UCW Aberystwyth

Dr. D.Q. Bowen is a leading authority on the Pleistocene in Wales and has written extensively on the period. He has led several field excursions for the Group and last lectured to us in 1974. A native of Llanelli he is senior lecturer in the Dept of Geography at Aberystwyth.

- 15 November University College Cardiff
O 11.00 "Palaeomagnetism" -
Dr. John Shaw, UC Cardiff

Dr. John Shaw lectures in geophysics and is carrying out research on the Earth's magnetic field during the Tertiary. Formerly at Liverpool he is now a lecturer in the Department of Geology at Cardiff.

- 22 November Excursion to Clydach gorge area: leader,
F 11.00 VP Wright, Polytechnic of Wales
Venue: So 233 137, S of A465 WSW of
Gilwern (details on booking form)

As a result of work since 1977, features will be seen at 3 localities demonstrating aspects of the palaeogeography of Carboniferous Limestone times. Mr. Wright is presently completing his Ph D thesis.

- 13 December University College of Swansea
O 11.00 "Anglesey - old rocks and new ideas" -
Dr. Dennis E.B. Bates, UCW Aberystwyth

Dr. Dennis Bates, a Belfast graduate, is a senior lecturer in the Dept of Geology at Aberystwyth. He has worked for some years in northwest Wales, especially on the Lower Palaeozoic rocks of Anglesey. This will be his first visit to the Group.

PROGRAMME OF MEETINGS

1981

- 17 January University College Cardiff
C 09.45 "A geological visit to China" -
O 11.00 Dr. Austin W. Woodland, CBE

Dr. Austin Woodland was formerly Director of the Inst. of Geological Sciences and has recently retired to Cardiff. In 1979 he was leader of the scientific delegation which made an official visit to the People's Republic of China.

- 14 February Last date for receipt of nominations for committee

- 21 February University College of Swansea
O 11.00 "Ordovician volcanism in North Wales" -
Dr. Malcolm F. Howells, IGS Leeds

Dr. Malcolm Howells is a Nottingham graduate whose career has been spent mainly in IGS. He is interested in pyroclastic rocks, ancient and recent, and has taken part in the current mapping of the Snowdon district. Dr. Howells is from Caerphilly.

- 21 March University College of Swansea
C 09.45 TWENTY SECOND ANNUAL GENERAL MEETING
AGM 11.00 "Deep-sea trenches - ancient and modern" -
O 11.15 -Professor Gilbert Kelling, University of Keele

Professor G. Kelling, Head of the Department of Geology at Keele University since 1978, formerly lectured at Glasgow and later was a senior lecturer in the Swansea dept. He has lectured to the Group and led several field excursions. His work on sedimentation, especially in the Upper Carboniferous, is widely known.

- Ordinary (O) meetings are held at 11.00 on a Saturday (usually the 3rd in the month).
Field (F) meetings usually on a Saturday.
Committee (C) meetings usually on a Saturday.

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Vice Chairman: Dr. JOHN W. COPE, Department of Geology, University College of Swansea, Singleton Park, Swansea SA2 8PP: tel (0972) 205678 ext 348

Secretary: ALUN J. THOMAS, Department of Geology, National Museum of Wales, Cardiff CF1 3NP; tel (0222) 397951 ext 214

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Editor: Dr. MICHAEL G. BASSETT, Department of Geology, National Museum of Wales, Cardiff CF1 3NP: tel (0222) 397951 ext. 212

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GEOLOGISTS ASSOCIATION SOUTH WALES GROUP

CHAIRMAN: JOHN W PERKINS B SC

PROGRAMME OF MEETINGS

1981 - 1982



MEMBERSHIP CARD

TWENTY THIRD SESSION 1981-2

PROGRAMME OF MEETINGS

1981

12 September
F 11.00
(postponed)
Field excursion to Builth Wells; leaders Dr JW Baker, P Sheldon (University College Cardiff)
26 September
F 13.00
Field excursion for students to Southern-down Coast SSSI; leader, AJ Thomas (National Museum).
10 October
F 11.00
(postponed)
Field excursion to the Barry district; leader, RA Waters (IGS London)
17 October
C 09.45
O 11.00
University College Swansea:
"The green invasion of the land" - Dr Diane Edwards (Dept of plant sciences, UC Cardiff)
21 November
O 11.00
University College Cardiff:
"Recent geological research in Peary Land, North Greenland" - Dr RE Bevins (NMW Cardiff)
12 December
O 11.00
University College Swansea:
"An Ordovician chronicle: the development of the Ordovician System in Great Britain" - Dr MG Bassett (NMW Cardiff)

1982

16 January
C 09.45
O 11.00
University College Cardiff:
"The seafloor - spreading history of the Red Sea and the Gulf of Aden"
- Dr P Styles (University College Swansea)
13 February
O 11.00
University College Swansea:
"Aspects of sedimentation in a Kenyan coral reef lagoon" - Dr ATS Ramsay (UC Swansea)
13 March
O 09.45
AGM 11.00
University College Cardiff:
TWENTY THIRD ANNUAL GENERAL MEETING
Chairman's Address - "City centre geology (a means of conservation)"
- JW Perkins (University College Cardiff)

Ordinary
Field
Committee

(o) meetings are held at 11.00 on a Saturday (2nd or 3rd on the month)
(f) meetings usually on a Saturday
(c) meetings usually on a Saturday

OFFICERS 1982-1983

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Singleton Park
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Vice Chairman: Professor W T Dean
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GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD 1982-83

Twenty fourth session - programme of meeting

1982

15 October

National Museum of Wales Cardiff
O 19.30 'The work of the Institute of Geological Sciences'. Dr G M Brown (director, IGS London), followed by formal opening of exhibition 'Geological surveying in Wales'

6 November

Dr A T S Ramsay (UC of Swansea)
F Carboniferous sediments and palaeoecology in the Gower peninsula.
Details to follow.

13 November

University College of Swansea
C 09.30
O 11.00 'Volcanoes of the solar system' Professor M J OHara (UCW Aberystwyth)

11 December

National Museum of Wales Cardiff
O 10.00 Symposium 'The geological evolution of Wales'. Chairman: Professor M Brooks (UC Cardiff); speakers: Dr A J Barber (Chelsea C, U of London), Professor W T Dean (UC Cardiff), Dr P L Hancock (U of Bristol), Dr J C W Cope (UC of Swansea), Professor E H Brown (UC London), Dr D Q Bowen (UCW Aberystwyth). There will be morning and afternoon sessions.

1983

14 January

University College of Swansea
O 19.30 'Turning points in the evolution of the continents'—Professor J V Watson (Imperial C, U of London)

12 February

University College Cardiff
C 09.30
O 11.00 'The seafloor-spreading history of the Red Sea and the Gulf of Aden' — Dr P Styles (UC of Swansea)

26 February

Drs M G Bassett and R M Owens (both F National Museum of Wales), The Silurian of the Usk district.
Details to follow.

12 March

University College of Swansea
C 09.30
11.00 TWENTY FOURTH AGM
O 11.15 'Burgess Shales animals' — Dr D Briggs (Goldsmiths C, U of London)

13 - 15 May

Dr J C W Cope (UC of Swansea), F Mesozoic rocks of the Dorset coast.
Details to follow.

OFFICERS 1983-1984

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Dept of geology UC of Swansea
SWANSEA SA2 8PP
0792 205678 ex 421

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CARDIFF CF1 1XL
0222 44211 ex 2400

Hon treasurer: Roland Parsons
St Martins School
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Dept of geology NMW
CARDIFF CF1 3NP
0222 397951 ex 214

**Hon Field Excursions
secretary:** Dr Robert M Owens
Dept of geology NMW
CARDIFF CF1 3NP
0222 397951 ex 213

Hon editor: Dr Michael G Bassett
Dept of geology
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CARDIFF CF1 3NP
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ALUN J. THOMAS
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BARRY CF6 8QD
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GEOLOGISTS' ASSOCIATION

One Hundred and Twentyfive Years
1858-1983

SOUTH WALES GROUP
Twentyfive Years
1959-1984

MEMBERSHIP CARD
1983-84

Twenty fifth session - programme of meetings

1983

15 October 11.00 UC Cardiff
THE GEOLOGISTS' ASSOCIATION
125th ANNIVERSARY LECTURE
Professor J L Knill, Imperial C
(President, Geologists' Association)—
"The role of the geologist in the
construction industry"

22 October 11.00 Field Meeting
Dr A E Annels, UC Cardiff—"Ogofau gold
mines, Dolaucothi"

19 November 11.00 UC Swansea
Dr A E Annels, UC Cardiff—"Metal mining
in Wales"

3 December 10.00 NMW Cardiff
Symposium "Lower Palaeozoic Wales"
Keynote Speakers Dr M G Bassett, NMW
Cardiff; Dr R E Bevins, NMW Cardiff;
Dr N G Woodcock, U of Cambridge.
Shorter contributions from S D G Campbell,
IGS Aberystwyth; Dr R A Fortey, British
Museum (NH) London and Dr R M Owens,
NMW Cardiff; Dr F A Gibbons, UC Cardiff

1984

14 January 10.00 UC of Swansea
Symposium "Upper Palaeozoic Wales"
Keynote speakers Professor T R Owen, UC
of Swansea; Dr W H C Ramsbottom, (lately)
IGS Leeds; Dr B P J Williams, U of Bristol.
Shorter contributions from J Davies, IGS
Aberystwyth; Dr R A Waters, IGS
Aberystwyth; V P Wright, Oll Milton
Keynes.

10 February 19.30 UC of Swansea
Dr A Charig, BM (NH) London—
"Dinosaurs—some myths and
misconceptions"

25 February
Field Meeting. To be arranged

10 March 11.00 UC Cardiff
**TWENTY FIFTH AGM and Retiring
Chairman's Address—**
"The Llangynog inlier—new discoveries in
the Carmarthen area"

19-20 May 10.00
Field meeting in Preseli Dyfed
Drs R E Bevins and R M Owens, NMW
Cardiff—"Recent work on Lower
Palaeozoic of 'North Pembrokeshire'"

OFFICERS 1984-1985

Chairman: Alan G Thomas
NCB (SW) Maritime labs.
Woodland terrace
PONTYPRIDD CF37 1DZ
0443 405821 ext 23

Vice-chairman: Dr Anthony T S Ramsay
Dept of geology UC of Swansea
SWANSEA SA2 8PP
0792 205678 ext 4658

Hon treasurer: Roland Parsons
Greenacre, St. Martins crescent
CAERPHILLY CF8 1ER
0222 882578

Hon secretary: Alun J Thomas
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 214

Hon field excursions secretary: Dr Robert M Owens
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 213

Hon editor: Dr Michael G Bassett
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 212

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ALUN J THOMAS
34 PORTHYCASTELL
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GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1984-85

Twenty sixth session - programme of meetings

1984

1830 Committee

12 October (Fri) 19.30 UC Cardiff

Dr P W Francis, Open Uni

"Mount St Helens revisited"

(45)

17 November (Sat) 11.00 UC Cardiff

Dr H S Torrens, Uni of Keele

"Coal prospecting in Britain 1650-1900"

(42)

8 December (Sat) 11.00 UC Cardiff

Dr A T S Ramsay, UC of Swansea

"The Carboniferous Limestone of the Gower"

(38)

1985

1830 Committee

18 January (Fri) 19.30 UC of Swansea

Professor D Taylor Smith, UCNW Bangor

"Geophysical predictions : civil engineering site investigations" *postponed through snow (16 Oct 85)*

0930 Committee

16 February (Sat) 11.00 UC of Swansea

J Thackray, BGS London

"Early years of the Geological Survey" (33)

0945 Committee

9 March (Sat) 11.00 UC of Swansea

TWENTY SIXTH AGM followed by

Professor W T Dean, UC Cardiff

"The Cambrian-Ordovician Boundary" (36)

The Spring programme of field visits will be circulated in January

OFFICERS 1985-1986

Chairman: Alan G Thomas
8 Mountain Way
NELSON CF46 6NY
927 450435

Vice-chairman: Dr Anthony TS Ramsay
Dept of Geology UC of Swansea
SWANSEA SA2 8PP
0792 205678 ext 4658

Hon treasurer: Roland Parsons
Greenacre, St Martin's Crescent
CAERPHILLY CF8 1ER
0222 882578

Hon secretary: Alun J Thomas
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 214

Hon field excursions
secretary: Dr Robert M Owens
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 213

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Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 212



GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1985-86

Name

Alun J Thomas

Membership subscriptions (due 1st September)
Ordinary £3.00 Student 50p

Twenty seventh session - Programme of meetings

1985

- 11 October (Friday) 19.30 UC Cardiff 50
Dr D Robinson, U of Bristol
"Diagenesis and low-temperature metamorphism: an introduction to its uses and importance in geological studies"
- 27 October (Sunday) 10.00 Meet at ST 465765
(Portishead seafront pool) 20 + 45
Field meeting (jointly with West of England group)
"Upper Palaeozoic and Mesozoic structure and sedimentology of the Clevedon and Portishead coast". Leaders—Dr BPJ Williams and Dr PL Hancock, U of Bristol. From about 16.00 a social gathering in the new premises of the department of geology in the Wills memorial building, university of Bristol (by courtesy of Professor DL Dineley)
- [2 November (Saturday) UC London
Annual reunion meeting of the Geologists' Association]
- 16 November (Saturday) 11.00 UC of Swansea 40
Dr RAB Bazley, BGS Aberystwyth
"Geological survey in Wales 1980-1995: a review of achievements and a look at the future"
(1985 is the 150th anniversary of BGS)
- 7 December (Saturday) 11.00 UC of Swansea 38
Dr DEB Bates and Dr N Kirk, UCW Aberystwyth

"Graptolites through the looking-glass or An electron microscope investigation of some retiolitid graptolites"

1986

- 17 January (Friday) 19.30 UC of Swansea 36
Dr W Gibbons UC Cardiff
"Anglesey geology: a review of recent research work"
- 15 February (Saturday) 10.00 till 16.30 UC Cardiff 130
Symposium "The offshore geology of Wales and adjacent districts".
Speakers include—Dr MG Bassett (NMW Cardiff), Professor M Brooks (UC Cardiff), Dr MB Collins (UC of Swansea), Dr JCW Cope (UC of Swansea), Dr CM Davies (UWIST Cardiff), Drs M Dobson and R. Whittington (UCW Aberystwyth), Professor D Taylor Smith (UCNW Bangor), Dr A Whittaker (BGS Keyworth)
- 0945 Committee meeting
- 8 March (Saturday) 11.00 UC Cardiff 30
TWENTY SEVENTH AGM and Retiring Chairman's address "Reflections in coal: 35 years in the South Wales coal industry"
- 2-5 May (Friday till Monday) 22
Field meeting in Anglesey
Leaders Dr W Gibbons UC Cardiff and Ms J Horak NMW Cardiff
Details of the Spring programme of field excursions to be circulated in early 1986

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Chairman: Dr Anthony TS Ramsay
Dept of geology UC of Swansea
SWANSEA SA2 8PP
0792 205678 ext 4658

Vice-chairman: R Alan Stevens
65 Danygraig
Pantmawr Whitechurch
CARDIFF CF4 7HL
0222 626405

Hon treasurer: Roland Parsons
Greenacre St Martins Crescent
CAERPHILLY CF8 1ER
0222 882578

Hon secretary: Alun J Thomas
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 214

**Hon field excursions
secretary:** Dr Robert M Owens
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 257

Hon editor: Dr Michael G Bassett
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 213

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GEOLOGISTS' ASSOCIATION

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MEMBERSHIP CARD

1986-87

Name Alun J Thomas

Twenty eighth session — Programme of meetings

1986

17 October, Friday 19.30 UC Swansea:
Professor RJG Savage (U of Bristol)—
"Biogeographic evolution of South American
mammal faunas"

[8 November, Saturday 14.00 University coll
London: Annual Reunion of GA]

15 November, Saturday 11.00 UC Cardiff:
Dr HG Owen (UC Swansea)—
"Soft-sediment deformation structures:
products of ancient earthquakes?"

6 December, Saturday 11.00 UC Swansea:
Mr R Donnelly (UC Cardiff)—
"Quaternary sediments at sites of opencast
coal mining in South Wales"

1987

7 January, Wednesday 19.00 National museum of
Wales (Reardon Smith lecture theatre) Cardiff:
Dr MG Bassett (NMW)—
"The exhibition at the National museum of
Wales of dinosaurs from China"
(this meeting is a joint one with Cardiff
scientific society)

16 January, Friday 19.30 UC Cardiff:
Dr EB Selwood (U of Exeter)—
"A new look at the geology of central
Southwest England"

14 February, Saturday 11.00 UC Cardiff:
Mr B Isaac (Poly of Wales)—
"Gemstones"

7 March, Saturday 11.00 UC Swansea:
TWENTY EIGHTH AGM followed by
Dr D Edwards (UC Cardiff)—
"In search of fossil plants"

Details of the field excursion programme will be
circulated to members in early 1987

OFFICERS 1987-1988

Chairman: Dr Anthony TS Ramsay
Dept of geology UC of Swansea
SWANSEA SA2 8PP
0792 295523

Vice-chairman: R Alan Stevens
65 Danygraig
Pantmawr Whitechurch
CARDIFF CF4 7HL
0222 626405

Hon treasurer: Roland Parsons
Greenacre St Martins Crescent
CAERPHILLY CF8 1ER
0222 882578

Hon secretary: Alun J Thomas
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 214

Hon field excursions
secretary: Dr Robert M Owens
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 255

Hon editor: Dr Michael G Bassett
Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 212

Membership subscription (due 1st September)
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GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1987-88

Name *Alun J Thomas*

Twenty ninth session — Programme of meetings

1987

16 October Friday 19.30 UC Swansea:
Dr EB Selwood (U of Exeter)—
"Recent developments in the understanding of
the Variscan geology of Southwest England"

[7 November Saturday 14.00 University Coll
London:
Annual Reunion and Exhibition of GA]

14 November Saturday 11.00 UC Swansea:
Professor RB Kidd (UC Swansea)—
"Radioactive waste disposal beneath the
sea-bed?"

5 December Saturday 11.00 UC Cardiff:
Professor JRL Allen FRS (U of Reading)—
"The changing shoreline of the Severn
Estuary"

1988

15 January Friday 19.30 UC Swansea:
Dr P Styles (UC Swansea)—
"Micro-seismic research in the South Wales
Coalfield"

13 February Saturday 11.00 Reardon Smith
lecture theatre National Museum of Wales
Cardiff:
Dr LB Halstead (U of Reading)—
[title to be announced]
The life and times of dinosaurs

(this meeting is a joint one with several
other societies)

5 March Saturday 11.00 UC Cardiff:
TWENTY NINTH AGM followed by the
Chairman's Address: Dr ATS Ramsay (UC
Swansea)—

"The Carboniferous limestone of the North
and South crop—problems and discoveries"

Details of the Field Excursions programme will
circulated to members later

Committee meetings will be held before the
Ordinary meetings 14 November, 13
February, March

OFFICERS 1988-1989

Chairman: R Alan Stevens

65 Danygraig, Pantmawr
CARDIFF CF4 7HL
0222 626405

Vice-chairman: Alun J Thomas

34 Porthycastell
BARRY CF6 8QD
0446 735279

Hon treasurer: Roland Parsons

Greenacre, St Martins Crescent
CAERPHILLY CF8 1ER
0222 882578

Hon secretary: Alun J Thomas

Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 214

Hon field excursions

secretary: Dr Robert M Owens

Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ex 255

Hon editor: Dr Michael G Bassett

Dept of geology NM of Wales
CARDIFF CF1 3NP
0222 397951 ext 212

Membership subscriptions (due 1st September)
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GEOLOGISTS'
ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1988-89

Name *Alun J Thomas*

Thirtieth session — Programme of meetings

1988

14 October Friday 19.30 UWC Cardiff

The 1988 Student Lecture;

Professor DQ Bowen (UCW Aberystwyth)—
"Time and Space in the Quaternary Ice Ages"

(5 November Saturday 14.00 University Coll
London:

Annual Reunion and Exhibition of GA)

19 November Saturday 11.00 UC Swansea:

Dr J Alexander (UWC Cardiff)—

"Sedimentation and tectonics in the Pindus
Foreland Basin of Greece"

10 December Saturday 11.00 UWC Cardiff:

Dr D Powell (RH, New Coll U of London)—
"Mountain building" (provisional)

1989

20 January Friday 19.30 UWC Cardiff:

Dr WA Wimbledon (NCC Peterborough)—
"Practical geological conservation"

18 February Saturday 10.30 UC Swansea:

Dr R A Bazley and Dr A J Reedman (BGS
Aberystwyth)—

"BGS in Wales—research and application"

11 March Saturday 10.00 UC Swansea:

THIRTIETH AGM followed by—

"Symposium on Paleobiology in Wales"
(all day; details of speakers later)

Details of the Field Excursions programme will
be circulated to members later

Committee meetings will be held before the
Ordinary meetings on 19 November, 18 February
and 11 March

OFFICERS 1989-1990

Chairman : R. Alan Stephens
65 Danygraig, Pantmawr
CARDIFF CF4 7HL
0222 626405

Vice-Chairman : Alun J. Thomas
34 Porthycastell, BARRY CF6 8QD
0446 735279

Hon Treasurer : Roland Parsons
Greenacre, St. Martins Crescent
CAERPHILLY CF8 1ER
0222 882578

Acting
Hon. Secretary : D.N. Roberts
Centre for Curriculum Support &
Development, Southfields
LLANDRINDOD WELLS,
Powys LD1 5LG
0597 826729

Hon. Field
Secretary : Dr. G. Owen
Dept. of Geology UCW Swansea
Singleton Park, SWANSEA
0792 295141

Hon. Editor : Dr. Michael G. Bassett
Dept. of Geology NM of Wales
CARDIFF CF1 3NP
0222 397141 Ext. 212

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Ordinary £3.00 Student 50p



GEOLOGISTS'
ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1989-90

Name:

Alun J Thomas

Thirtyfirst Session

Programme of Meetings

1989

1990

Saturday, October 14th
Sewern Estuary Field Excursion. 10.00 am
Leader : Prof. J.R.L. Allen (PRIS Reading)

Saturday, October 21st
Fossil Fire
Prof. W. Chaloner (RHBNC)
Venue : UC Cardiff Geology Dept. 11.00 am

Wednesday, November 15th
'The Student Lecture'
Dr. R. Owens (Nat. Mus. Wales)
Venue : UC Swansea Geology Dept. 7.30 pm

Saturday, November 18th
Aspects of Vulcanicity
Dr. Tim Druitt (UWC Cardiff)
Venue : UC Swansea Geology Dept. 11.30 am

Saturday, November 25th
Field Excursion to the North Crop of the South
Wales Coal Field. 10.30 am
Leaders: Dr. A. Ramsay (UWCC) & *Dr. G. Owen (UCS)*

Saturday, December 9th
Sedimentation and Tectonics in early Palaeozoic
Wales
Dr. N. Woodcock (Cambridge)
Venue : UWC Cardiff Geology Dept. 11.30 am

Saturday, January 20th
Rhynchosaurs & the origin of Dinosaurs
Dr. M. Benton (Bristol)
Venue : UCW Swansea Geology Dept. 11.00 am

Saturday, February 2nd ^{3rd}
Conodont Colour and the Thermal History of
Wales
Dr. R. Aldridge (Leicester)
Venue : UCW Cardiff Geology Dept. 11.00 am

Saturday, March 10th
31st Annual General Meeting.
President's Address
Venue : UCW Swansea Geology Dept. of Geography
AGM : 11.00 am - 12.00 pm followed by
President's Address : 12.00 - 1.00 pm
Addressing Chairmen

Saturday, March 17th
Field Excursion to Builth Wells
Leader : Dr. P. Sheldon (UWC Cardiff)

May 4th - 7th *cancelled*
Field Excursion to the Isle of Wight
Leader : Dr. John Cope (UWC Cardiff)

Details of field excursions are included with the
pre-session newsletter.
Committee Meetings will be held before the
Ordinary Meeting : 1.10.89 at 10.00 am;
20.1.90 at 10.00 am and before the AGM of
10.3.90 at 10.00 am

Chairman: Alun J Thomas
34 Porthycastell
BARRY CF6 8QD
0446 735279

Vice-Chairman: Dr Michael G Bassett
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

Ion Treasurer: Tom Sharpe
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

Ion Secretary: Dr Geraint Owen
Dept of Geography UC Swansea
SWANSEA SA2 8PP
0792 295141

Ion Field Secretary: Dr John CW Cope
Dept of Geology UWC Cardiff
PO Box 914 CARDIFF CF1 3YE
0222 874327

Ion Editor: Dr Michael G Bassett

Membership Subscription (due 1st September)
Ordinary £5.00 Student £1.00



GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

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1990-1991

Name *Alun J Thomas*

Thirty-Second Session

1990

Saturday 20 October 11.00 am UC Swansea
'Hard Bottoms'
Dr TJ Palmer (UCW Aberystwyth) *25*

Saturday 3 November Field Meeting
Excursion to Barry *15*
Alun Thomas

Wednesday 7 November 7.30 pm UWC Cardiff
Annual Student Lecture
'Earthquakes: Agents of Devastation or
Destruction?' *Discovery?*
Dr P Styles (University of Liverpool) *74*

Saturday 17 November 11.00 am UWC Cardiff
'Stratigraphical Evolution and Petroleum
Geology of Southern England'
Dr BW Sellwood (PRIS Reading)

Saturday 8 December 11.00 am UC Swansea
'Geological Controls on the Production of
Wine'
Prof J Hancock (Imperial College)

Coffee and biscuits are available for $\frac{1}{2}$ hour
before each lecture meeting.
Booking forms for field excursions are in
members' newsletter.

Programme of Meetings

1991

Saturday 19 January 11.00 am UWC Cardiff
'Tectonic History of the Circum-Atlantic
Region in the Early Palaeozoic - Iapetus in
its plate tectonic context'
Dr KT Pickering (University of Leicester)

Saturday 16 February 11.00 am UC Swansea
'Magnetic Polarity Reversals and Sea-Floor
Spreading'
Dr E Hailwood (University of Southampton)

Saturday 23 February Field Meeting
Precambrian of the Llangynog Inlier
Dr JCW Cope & Dr RE Bevins

Saturday 9 March 11.00 am UWC Cardiff
Annual General Meeting followed by
'Volcanoes of the Andes'
Prof RSJ Sparks FRS (University of Bristol)

Sunday 14 April Joint Field Meeting with
Open University Geological Society
Carmarthen Bay - Dr G Owen

Friday 26 - Sunday 28 April Field Weekend
Mesozoic Geology of W Dorset & SE Devon
Dr JCW Cope

Committee meetings will be held before the
meetings of 20 October, 19 January & 9 March

OFFICERS 1991-1992

Chairman: Alun J Thomas
34 Porthycastell
BARRY CP6 8QD
0446 735279

Vice-Chairman: Dr Michael G Bassett
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

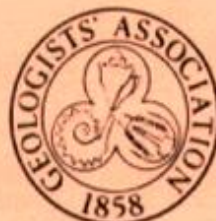
Hon Treasurer: Tom Sharpe
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

Hon Secretary: Dr Geraint Owen
Dept of Geography UC Swansea
SWANSEA SA2 8PP
0792 295141

Hon Field Secretary: Dr John CW Cope
Dept of Geology UWC Cardiff
PO Box 914 CARDIFF CF1 3YE
0222 874327

Hon Editor: Dr Michael G Bassett

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GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1991-1992

Name ALUN J THOMAS

Thirty-Third Session

1991

Saturday 19 October 11.00 am UWC Cardiff
'The Glaciation of Wales: a Return to the Flood?' 30
Dr D McCarroll (UC Swansea)

Wednesday 6 November 7.30 pm UWC Cardiff
Annual Student Lecture 52
'Dinosaur Extinctions'
Dr A Charig (ex Brit Mus Nat Hist)

Saturday 16 November 11.00 am UC Swansea
'Wales and Geology' 25
Dr DA Bassett (ex Nat Museum of Wales)

Saturday 30 November Field Meeting 32
Old Red Sandstone of the Talgarth area
Duncan Hawley

Saturday 7 December 11.00 am UWC Cardiff
'Geology and Mineralogy of the Caldebeck Fells, Cumbria' 25
Dr RJ King (John Moore Mus Tewkesbury)

Refreshments are available ½ hour before each lecture meeting.
Details of field excursions are in members' newsletter.

Programme of Meetings

1992

Saturday 18 January 11.00 am UC Swansea
'Exploring the Subsurface: the Practical Application of Geophysics to Engineering and Environmental Studies' 24

Dr P Brabham (UWC Cardiff)
Sat 2 February field meeting. Addressing the Environment. 50

Saturday 15 February Field Meeting 26
Cwm Craig Ddu - Dr RM Owens

Friday 21 February 7.30 pm Cardiff 175
Reardon Smith Lecture Theatre, NMW
'The Natural History of the Mammoth'
Dr A Lister (University of Cambridge)
and viewing of the Museum's exhibition

Saturday 7 March Field Meeting 24
Jurassic of the western Vale of Glamorgan
Dr JCW Cope

Wednesday 18 March 7.30 pm UC Swansea
Annual General Meeting and Chairman's Address: 'The South Wales Group: a Geological Perspective' 35
Mr AJ Thomas

Spring 1992 Field Weekend 26-28 06
Llyn Peninsula - Dr Wes Gibbons

Committee meetings will be held in November, January & March.

OFFICERS 1992-1993

Chairman: Dr Michael G Bassett
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

Vice-Chairman: Dr Peter Hodges
29 Cefn Coed
BRIDGEND CF31 4PH
0656 650385

Treasurer: Tom Sharpe
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

Secretary: Dr Geraint Owen
Dept of Geography UC Swansea
SWANSEA SA2 8PP
0792 295141

Field Secretary: Dr John CW Cope
Dept of Geology UWC Cardiff
PO Box 914 CARDIFF CF1 3YE
0222 874327

Editor: Dr Michael G Bassett

MEMBERS OF COMMITTEE

Brenda Bruck, Jim Chetcuti, Mervyn
Howells, Sid Howells, Mike Lees

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SOUTH WALES GROUP

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1992-1993

Name *John Thomas*

Thirty-fourth Session

1992

Saturday 10 October 11.00 am UC Swansea
'Britain through Time: Palaeogeographical
Evolution of the British Isles'
Dr John C W Cope (UWC Cardiff)

Saturday 24 October Field Meeting
'Silurian Rocks of the Usk Inlier' No
Drs M G Bassett & R M Owens
Meet 11.00 am, The Square, Usk

Wednesday 4 November 7.00 pm UWC Cardiff
5th Annual Student Lecture
'Wise Men Build on Sand as well as Rock -
Practical Engineering Geology'
Mr E Thomas (Golder Associates)

Saturday 21 November 11.00 am UWC Cardiff
'Coal Measure Forests'
Dr B Thomas (Nat Museum of Wales)

Saturday 12 December 11.00 am UC Swansea
'Volcanic Rocks of the Lower Palaeozoic
Welsh Basin'
Dr R Bevins (Nat Museum of Wales)

Refreshments are available 1/2 hour before each
lecture meeting.

Details of field excursions are in members'
newsletter.

Programme of Meetings

1993

Fri 20 Jan Field Meeting Cardiff (6.30 Hants) No
Saturday 16 January 11.00 am UWC Cardiff
'Glaciation of the Brecon Beacons'

Mr M Francis (Christ College, Brecon)
Saturday 6 February Field Meeting No
Saturday 20 February 11.00 am UC Swansea

Joint meeting with Geological Society No
Southern Wales Regional Group
'Aspects of Groundwater in Mining'
Mr R Connolly (Steffen Robertson Kirsten)

Thursday 4 March 7.30 pm NMW Cardiff
By invitation of Cardiff Naturalists' Society
on their 125th anniversary
'Geology for the Public - the Work of FJ
North'
Dr DA Bassett (past Director, NMW)

Friday 26 March 7.00 pm NMW Cardiff
Annual General Meeting followed by
Members' Evening and Social Event

Spring 1993 18-20 June Field Weekend: SW Dyfed
Sunday 23 May (Provisional) Field Meeting
Glaciation of the Brecon Beacons
Mr M Francis

Thursday 1 July Ystradgynlais Miners' Welfare
Hall: 3rd T R Owen Memorial Lecture
'Mining and Geology'
Prof EH Francis (ex-Uni of Leeds)

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Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

Vice-Chairman: Dr Peter Hodges
29 Cefn Coed
BRIDGEND CF31 4PH
0656 650385

Treasurer: Tom Sharpe
Dept of Geology NM of Wales
CARDIFF CF1 3NP
0222 397951

Secretary: Dr Geraint Owen
Dept of Geography UC Swansea
SWANSEA SA2 8PP
0792 295141

Field Secretary: Dr John CW Cope
Dept of Geology UWC Cardiff
PO Box 914 CARDIFF CF1 3YE
0222 874327

Editor: Dr Michael G Bassett

MEMBERS OF COMMITTEE

Brenda Bruck, Jim Chetcuti, Mervyn
Howells, Sid Howells, Mike Lees

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GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1993-1994

Name ALUN J THOMAS

Thirty-fifth Session

1993

Saturday 16 October 11.00 am UWC Cardiff
'New Timescales for Geology using Orbital
Forcing'
Prof M House (Southampton)

22-24 October Field Weekend
The Black Mountains
Duncan Hawley & Geraint Owen

Wednesday 3 November 7.00 pm UC Swansea
6th Annual Student Lecture
'Unsettled Weather in the late Triassic'
Dr MJ Simms (Nat Museum of Wales)

Sunday 7 November Field Meeting
Silurian of the Builth Area
Dr Lesley Cherns & Dr Michael G Bassett
Meet 10.30 am Llangammarch Wells

Saturday 20 November 11.00 am UC Swansea
'Recent Advances in the Understanding of
the Geology of Central Wales'
Dr CJN Fletcher (BGS Aberystwyth)

Saturday 11 December 11.00 am UWC Cardiff
'Pterosaurs: New Views on Some Ancient
Fliers'
Dr D M Unwin (Bristol)

Refreshments are available $\frac{1}{2}$ hour before each
lecture meeting.
Details of field excursions are in members'
newsletter.

Programme of Meetings

1994

Saturday 15 January 11.00 am UC Swansea
'Origami Tectonics'
Dr R J Lisle (UWC Cardiff)

Friday 28 January Evening visit
to National Museum of Wales Exhibition:
'The Evolution of Wales'

Saturday 19 February 11.00 am UC Swansea
Joint meeting with Geological Society
Southern Wales Regional Group
'The Diamond Industry'
Mr N Young (De Beers)

Saturday 12 March Field Meeting
Mesozoic Rocks of the Severn Estuary
Dr M J Simms

Saturday 19 March 10.30 am Cardiff
Annual General Meeting followed by
Lower Palaeozoic Palaeogeography and
Biogeography with Dr MG Bassett's
Retiring Chairman's Address

Saturday 23 April 10.30 am UWC Cardiff
Conservation Forum

Sunday 22 May Field Meeting
Ramsey Island: Mr Sid Howells

17-19 June Field Weekend
Central Wales
Led by staff from BGS Aberystwyth

OFFICERS 1994-1995

Chairman: Dr Peter Hodges

29 Cefn Coed
BRIDGEND CF31 4PH (01656 650385)

Vice-Chairman: Ms Lynda Garfield

16 Penffordd
Penttyrch
nr CARDIFF CF4 8TJ (01222 869224)

Treasurer: Tom Sharpe

Dept of Geology NM of Wales
CARDIFF CF1 3NP (01222 397951)

Secretary: Dr Geraint Owen

Dept of Geography UW Swansea
SWANSEA SA2 8PP (01792 295141)

Field Secretary: Dr John CW Cope

Dept of Earth Sciences
UW Cardiff PO Box 914
CARDIFF CF1 3YE (01222 874327)

Editor: Dr Michael G Bassett

Dept of Geology NM of Wales
CARDIFF CF1 3NP (01222 397951)

MEMBERS OF COMMITTEE

Mike Brown, Brenda Bruck, Jim Chatcuti,
Mervyn Howells, Sid Howells, Mike Lees

Membership Subscription (due 1st September)
Ordinary £5.00 Senior Citizen & Student £1.00

ALUN J THOMAS
34 PORTH Y CASTELL
B A R R Y CF62 6QD
SOUTH GLAMORGAN UK
TEL 0446 735279



GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1994-1995

Name *Alun J Thomas*

Thirty-sixth Session

1994

Saturday 22 October 11.00 am UW Swansea
'Stonehenge and the Origin of the
Bluestones'
Dr DG Jenkins

Monday 9 November 7.00 pm UW Cardiff
7th Annual Student Lecture
'Ancient Biomolecules - Is Jurassic Park
a Real Possibility?'
Prof G Hallinton FRS (Bristol University)

Monday 13 November Field Meeting
Llandello of Dinefwr Park
Dr Mike Bassett
Meet 10.00 am Wildlife Trust car park

Saturday 19 November 11.00 am UW Cardiff
'Fossil Insects from the Writhlington
Geological Reserve'
Dr EA Jarzembowski (Brighton)

Sunday 10 December 11.00 am UW Swansea
'The Tertiary Evolution of Wales'
Dr JCN Cope (UW of Wales Cardiff)

Treatments are available 1/2 hour before
each lecture meeting.
Details of field excursions are in members'
newsletter.

Programme of Meetings

1995

Friday 20 January 7.00 pm UW Cardiff
'The Westbury Pliosaur'
Dr PR Croucher (City of Bristol Museum)

Saturday 11 February Field Meeting
Treifgarne: Mr Sid Howells

Saturday 25 February 11.00 am UW Swansea
Joint meeting with Geological Society
Southern Wales Regional Group
'Mineral Deposits of Europe'
Prof D Rickard (UW of Wales Cardiff)

17-24 March National Science Week
Various Field Meetings

Saturday 25 March 10.30 am UW Cardiff
Annual General Meeting followed by
'Geology of the Second Severn Crossing'
Mr A Thomas (Halcrow)

Sunday 23 April Field Meeting
Solva - to be confirmed

6-8 May Field Weekend
Isle of Wight: Dr John Cope

Friday 9 June 7.00 pm UW Swansea
5th TR Owen Memorial Lecture
'TR Owen - A Ford of the Embrace of South
Wales Fieldwork' and 'Old Red Sandstone
Basins: Wales and Beyond'
Prof BR Williams (Aberdeen University)

OFFICERS 1995-1996

Chairman: Dr Peter Hodges
29 Cefn Coed
BRIDGEND CF31 4PH (01656 650385)

Vice-Chairman: Ms Lynda Garfield
16 Penffordd
Pentyrch
nr CARDIFF CF4 8TJ (01222 869224)

Treasurer: Tom Sharpe
Dept of Geology NM of Wales
CARDIFF CF1 3NP (01222 397951)

Secretary: Dr Geraint Owen
Dept of Geography UW Swansea
SWANSEA SA2 8PP (01792 295141)

Field Secretary: Dr John CW Cope
Dept of Earth Sciences
UW Cardiff PO Box 914
CARDIFF CF1 3YE (01222 874327)

Editor: Dr Michael G Bassett
Dept of Geology NM of Wales
CARDIFF CF1 3NP (01222 397951)

MEMBERS OF COMMITTEE

Mike Brown, Jim Chetcuti, Sid Howells
Mike Lees, Lynfa Lewis, Mike Sullivan

Membership Subscription (due 1st September)
Ordinary £5.00 Senior Citizen & Student £1.00



GEOLOGISTS' ASSOCIATION

SOUTH WALES GROUP

MEMBERSHIP CARD

1995-1996

Name Alun J Thomas

Thirty-seventh Session

1995

Saturday 21 October 11.00 am UW Cardiff
'The Geological Background to the
Earliest Britons'
Prof P Worsley (Reading)

Wednesday 1 November 7.00 pm UW Swansea
8th Annual Student Lecture
'The Palaeoclimatic Record from Ocean
Sediments'
Dr A Cramp (UW Cardiff)

Sunday 12 November Field Meeting
Fossil Plants of the Forest of Dean
Mr J Hilton

Saturday 18 November 11.00 am UW Swansea
'Granites and their Role in the Early
Evolution of North Wales'
Dr J Horak (NMW Cardiff)

Saturday 9 December 11.00 am UW Cardiff
'Geology in War'
Dr MS Rosenbaum (Imperial College)

Refreshments are available $\frac{1}{2}$ hour before
each lecture meeting.
Details of field excursions are in members'
newsletter.

Programme of Meetings

1996

Saturday 20 January 11.00 am UW Cardiff
'The United Arab Emirates: Hot Rocks in
the Desert'
Dr SJ Roberts (Consultant Geologist)

Saturday 17 February 11.00 am UW Swansea
Joint meeting with Geological Society
Southern Wales Regional Group
'Contaminated Land and its Assessment'
C Wynne (Rust Environmental)

Saturday 24 February Field Meeting
Haverfordwest: John Cope and Sid Howells

15-25 March **National Science Week**
Various Field Meetings plus

Saturday 16 March 10.30 am UW Swansea
Annual General Meeting followed by
Retiring Chairman's Address
'Geology of a Jurassic Island'
Dr Peter Hodges

Saturday 30 March Field Meeting
Big Pit Mining Museum, Blaenafon

18-19 May Field Weekend
Dorset Coast: Dr John Cope

Wednesday 5 June Banwen
6th TR Owen Memorial Lecture
'South Wales Geologists'
Dr DA Bassett

OFFICERS 1996-1997

President: Ms Lynda Garfield, 16 Penffordd, Pentyrch, nr CARDIFF CF4 8TJ. (01222-869224)

Vice-President: Mr Gareth Davies, 21 Glenalla Road, LLANELLI SA15 1EE. (01554-751126)

Treasurer: Tom Sharpe, Dept of Geology, Nat Mus Wales, CARDIFF CF1 3NP. (01222-573265)

Secretary: Geraint Owen, Dept of Geography, UW Swansea, SWANSEA SA2 8PP.
(01792-295141)

Programme Secretary: Dr Lesley Chems, Dept of Earth Sciences, UW Cardiff, PO Box 914, CARDIFF CF1 3YE. (01222-874338)

Membership Secretary: Mr Mike Lees, 23 Blaencwm Road, Llansamlet, SWANSEA SA7 9TA. (01792-774527)

Editor: Prof Michael G Bassett, Dept of Geology, Nat Mus Wales, CARDIFF CF1 3NP.
(01222-573212)

MEMBERS OF COMMITTEE

Mike Brown, Eddy Callaway, Jim Chetcuti,
Lynfa Lewis, Stephen Plant, Mike Sullivan

Membership Subscription (due 1st September):
Ordinary £6.50 Senior Citizen & Student £1.50



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity No: 1054303

MEMBERSHIP CARD

1996-1997

Name *Ann J. Thomas*

Thirty-eighth Session

1996

- * **Saturday 19 October** 11.00 am UW Swansea
Baltica: Evolution of a Silurian Continent
Prof M G Bassett (NMW, Cardiff)
- **Wednesday 6 November** 7.00 pm UW Cardiff
9th Annual Student Lecture
The Origin of the Solar System
Dr W Perkins (UW Swansea)
- | **Saturday 16 November** 11.00 am UW Swansea
Early land plants: the Chinese puzzle
Prof Dianne Edwards, FRS (UW Cardiff)
- **Saturday 23 November** **Field Meeting**
Silurian deep-sea sediments in the Rhayader area: Mr S Morris (UWC)
- **Saturday 14 December** 11.00 am UW Cardiff
Cave Geology
Dr K Ball (British Geological Survey)

Refreshments are available ½ hour before each lecture meeting.
Details of field excursions are in members' newsletters.

Programme of Meetings

1997

- | **Friday 10 January** 6.30 pm NMW Cardiff
Holiday Geology - slides, buffet, exhibition
- | **Saturday 18 January** 11.00 am UW Swansea
Joint meeting with Geological Society Southern Wales Regional Group - Mineral Exploration: case history of an important new mineral discovery
Dr Chris Morrissey (RTZ)
- | **Saturday 15 February** 11.00 am UW Cardiff
Glaciers and Climate Change
Prof J Dowdeswell (UW Aberystwyth)
- | **Saturday 22 February** **Field Meeting**
Coal Measures plant fossils from Tondur: Dr C Cleal & Mr S Howe (NMW)
- | **Saturday 8 March** 10.30 am UW Swansea
Annual General Meeting followed by Exploring the Ocean Floor - Dr Chris McLeod (UW Cardiff)
- 14-23 March** **National Science Week**
- | **April 1997** **Field Meeting**
Lower Palaeozoic fossils in the Tywi Valley: Mr V Ratter (UW Cardiff)
- | **May/June 1997** **Field Meeting**
Mesozoic and Tertiary faunas - mud springs and gravel pits of the Swindon area: Dr N Hollingworth (NERC) & Dr J Hilton (UWC)

COMMITTEE 1997-1998

President: Lynda Garfield, 16 Penffordd,
Pentyrch, nr CARDIFF CF4 8TJ.
(01222-891588/855100)

Vice-President: Gareth Davies, 21 Glenalla
Road, LLANELLI SA15 1EE (01554-751126)

Treasurer: Tom Sharpe, Dept of Geology, Nat
Mus Wales, CARDIFF CF1 3NP.
(01222-573265)

Secretary: Geraint Owen, Dept of Geography,
UW Swansea, SWANSEA SA2 8PP.
(01792-295141/472687)

Programme Secretary: Lesley Chems, Dept of
Earth Sciences, UW Cardiff, PO Box 914,
CARDIFF CF1 3YE. (01222-874338)

Membership Secretary: Mike Lees, 23
Blaencwm Road, Llansamlet, SWANSEA SA7
9TA. (01792-774527)

Editor: Michael G Bassett, Dept of Geology,
Nat Mus Wales, CARDIFF CF1 3NP.
(01222-573212)

MEMBERS OF COMMITTEE - Eddy Callaway,
Jim Chetcuti, Margaret Davies, Lynfa Lewis,
Stephen Plant, Mike Sullivan, Richard Thomas

Membership Subscription (due 1st September):
Ordinary £6.00 Senior Citizen & Student £1.50



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWY

SOUTH WALES GROUP GRWP DE CYMRU

MEMBERSHIP CARD

1997-1998

Name

Alun J Thomas

Thirty-ninth Session

1997

Saturday 27 September 11.00 am UW Cardiff
Holocene Environmental Change in the Sahel
Prof A Street-Perrott (UW Swansea)

Wednesday 29 October 7.00 pm UW Swansea
10th Annual Student Lecture
Origin and Early History of Life on Earth
Dr R Riding (UW Cardiff)

Saturday 8 November
Geologists' Association Reunion, London

Saturday 15 November
11.00 am UW Cardiff
Joint meeting with the Russell Society
Classic Minerals from the South-west of
England
Robert Symes (GA President)

Saturday 6 December 11.00 am UW Swansea
Jurassic and Cretaceous of Alexander
Island, Antarctic Peninsula -
palaeontology in a fore-arc basin
Dr S Kelly (British Antarctic Survey)

Saturday 13 December
Visit to Earth Galleries, London

Programme of Meetings

1998

Friday 9 January 6.30 pm NMW Cardiff
Holiday Geology - slides, buffet, exhibition

Saturday 24 January 11.00 am UW Cardiff
Soft-bodied fossils from a Silurian
Volcaniclastic Deposit
Dr D Siveter (Oxford Uni Museum)

Saturday 21 February 11.00 am UW Swansea
Joint meeting with Geological Society
Southern Wales Regional Group
Bringing Dinosaurs to Life *By an dinosaur hunter*
Dr M Benton (Bristol University) Dr Neil Clarke
(Bristol University)

Saturday 14 March 10.30 am UW Cardiff
Annual General Meeting followed by
Retiring President's Address by
Yahoo! Gold - Variations on a Theme
Lynda Garfield

13-22 March National Science Week

Tuesday 9 June TR Owen Memorial Lecture

Refreshments are available ¼ hour before each
lecture meeting.

Details of field excursions are in members'
newsletters.

COMMITTEE 1998-1999

President: Gareth Davies, 21 Glenalla Road,
Llanelli SA15 1EE. (01554-751126)

Vice-President: Stephen Howe, Geology Dept,
NMW, Cardiff CF1 3NP. (01222-573363)

Treasurer: Tom Sharpe, Dept of Geology,
NMW, Cardiff CF1 3NP. (01222-573265)

Secretary: Geraint Owen, Geography Dept,
UWS, Swansea SA2 8PP.
(01792-295141/472687)

Programme Secretary: Lesley Cherns, Dept of
Earth Sciences, UWC, PO Box 914, Cardiff
CF1 3YE. (01222-874338)

Membership Secretary: Mike Lees, 23
Blaencwm Road, Llanamlet, Swansea SA7
9TA. (01792-774527)

Editor: Michael Bassett, Geology Dept, NMW,
Cardiff CF1 3NP. (01222-573212)

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Channing, Jim Chetcuti, Margaret Davies, Lynfa
Lewis, Stephen Plant, Richard Thomas

Ex-officio Vice-President/Chairman: Lynda
Garfield, Peter Hodges

Membership Subscription (due 1st September):



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

MEMBERSHIP CARD

1998-1999

Ann Thomas

Fortieth Session

1998

Saturday 3 October 11.00 am UW Swansea
*Bryophytes, Bubbles and Bombs: Spore
structure, Self-assembly and Systematics*
Dr A.R. Hemsley (Cardiff University)

Saturday 10 October **Field Meeting**
Amroth - Telpyn Point: Geraint Owen (UWS)

Wednesday 28 October 7.00 pm UW Swansea
11th Annual Student Lecture
*Montserrat - Continuous Monitoring of
the Beauty and the Beast*
Mark Davies (Open University)

Saturday 7 November
Geologists' Association Reunion, London

Saturday 14 November 11.00 am UW Swansea
Britain's Amazing Shrinking (Fossil) Soils
Prof. V.P. Wright (Cardiff University)

Saturday 5 December 11.00 am UW Cardiff
The Local Character of Building Stones
Dr Eric Robinson
Building stones walk from NMW at 2.00 pm

Refreshments are available ¼ hour before each
lecture meeting.

Details of field excursions are in members'
newsletters.

Programme of Meetings

1999

Friday 8 January 6.30 pm NMW Cardiff
Holiday Geology - slides, buffet, specimens

Saturday 30 January 11.00 am UW Cardiff
*Baroque Bivalves of the Cretaceous
'Greenhouse' World*
Dr P.W. Skelton (Open University)

Saturday 27 February 11.00 am UW Swansea
*Joint meeting with Geological Society
Southern Wales Regional Group
The Influence of Glacial Lake Telfi on
Landsliding at St Dogmaels*
Mr D Maddison (Halcrow, Cardiff)

Saturday 27 March 10.30 am UW Cardiff
*Annual General Meeting followed by
The latest Ordovician to early Silurian
turbidite systems of central Wales: their
architecture and evolution*
Dr R.A. Waters (BGS Wales Section)

12-21 March National Science Week, set99

Thursday 17 June *TR Owen Memorial Lecture*
Hosted by DACE, UW Swansea
Mountain Centre, Libanus 7.30 pm
The Last 65 million years of Wales
Dr John Cope (Cardiff University)

COMMITTEE 1999-2000

President: Gareth Davies, 21 Glenalla Road,
Llanelli SA15 1EE. (01554-751126)

Vice-President: Stephen Howe, Geology Dept,
NMW, Cardiff CF1 3NP. (01222-573363)

Treasurer: Malcolm Shaw, 15 Brookdale Court,
Church Village, Pontypridd CF38 1RP.
(01443-202696)

Secretary: Geraint Owen, Geography Dept,
UWS, Swansea SA2 8PP.
(01792-295141/472687)

Programme Secretary: Lesley Cherns, Dept of
Earth Sciences, Cardiff University, PO Box 914,
Cardiff CF1 3YE. (01222-874338)

Membership Secretary: Mike Lees, 23
Blaencwm Road, Llanhamlet, Swansea SA7
9TA. (01792-774527)

Editor: Michael Bassett, Geology Dept, NMW,
Cardiff CF1 3NP. (01222-573212)

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Chetcuti, Margaret Davies, Lynfa Lewis,
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GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

MEMBERSHIP CARD

1999-2000

Name Ann Thomas

Forty-first Session

1999

Saturday 9 October 11.00 am Cardiff Uni
*Improving our Understanding of the
Fossil Record: some successes from the
Caribbean region*
Prof Steve Donovan (Nat. Hist. Mus.)

Saturday 23 October Field Meeting
Quaternary of the Cardigan area
Dick Waters & Jerry Davies (BGS)

Saturday 13 November
Geologists' Association Reunion, London

x **Saturday 20 November 11.00 am** UW Swansea
*Landscapes and Geology of the American
West*
Tom Sharpe (NMW)

Saturday 27 November Field Meeting
Nant Helen opencast site
Dr Rod Gayer (Cardiff University)

Saturday 4 December 11.00 am UW Swansea
Planetary Geology at the Millennium
Dr Bob Owens (NMW)

Refreshments are available ½ hour before each
lecture meeting.

Programme of Meetings

2000

x **Friday 7 January 6.30 pm** NMW Cardiff
Holiday Geology - slides, specimens, buffet

Saturday 22 January 11.00 am Cardiff Uni
3D Seismic: a geological Hubble
Prof Joe Cartwright (Cardiff University)

x **Saturday 19 February 11.00 am** Museum of
Welsh Life, St Fagans
*Joint meeting with Geological Society
Southern Wales Regional Group
The Magor Pill Medieval Boat and early
iron-making technology*
Dr Tim Young (GeoArch)

x **Saturday 18 March 10.30 am** UW Swansea
*Annual General Meeting followed by
Retiring President's Address:
From Cwm Glas to Morskile Oko*
Gareth Davies

17-26 March National Science Week, set2000

26-30 May Geologists' Association *Earth Alert*,
Brighton

x **17 May 19.00** Cardiff Uni, 16th TR Owen Lecture -
Professor PA Allen (Dublin, Tuesday) - Behind the veil: the pre-Fabian era
Details of field meetings are in members'
newsletters. *History of Ireland*

COMMITTEE 2000-2001

President: Stephen Howe, Geology Dept,
NMW, Cardiff CF1 3NP. (01222-573363)

Vice-President: Allan Cuthbertson, 42 Ford Rd,
Port Talbot SA13 1AQ (01639-767015/6)

Treasurer: Malcolm Shaw, 15 Brookdale Court,
Church Village, Pontypridd CF38 1RP.
(01443-202696)

Secretary: Geraint Owen, Geography Dept,
UWS, Swansea SA2 8PP. (01792-295141)

Programme Secretary: Lesley Cherns, Dept of
Earth Sciences, Cardiff University, PO Box 914,
Cardiff CF1 3YE. (01222-874338)

Membership Secretary: Mike Lees, 23
Blaencwm Road, Llansamlet, Swansea SA7
9TA (01792-774527)

Editor: Michael Bassett, Geology Dept, NMW,
Cardiff CF1 3NP. (01222-573212)

Members of Committee: Alan Channing,
Lynda Garfield, Lynfa Lewis, Nigel McGaw,
Stephen Plant, Dave Wellings

Ex-officio Vice-President/Chairman: Gareth
Davies, Peter Hodges

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GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

MEMBERSHIP CARD 2000-2001

Name *Aiun J Thomas*

Forty-second Session

2000

Saturday 21 October 11.00 am Cardiff Uni
*Bits, Bytes, Rocks and Basins: computer
modelling in Earth science*
Dr Peter Burgess (Cardiff University)

Saturday 11 November
Field Meeting
Darell Opencast Site
Allan Cuthbertson (Neath Port Talbot Council)

✕ **Saturday 18 November** 11.00 am UW Swansea
The Ice Age in Britain
Prof Mike Walker (UW Lampeter)

✕ **Saturday 9 December** 11.00 am Cardiff Uni
*Walking with ... Worms! Reconstructing
the Herefordshire Lagerstätte*
Dr Mark Sutton (Oxford University)

2001

Friday 12 January 6.30 pm NMW Cardiff
Holiday Geology - slides, specimens, buffet

Saturday 20 January 11.00 am UW Swansea
*Logan of Swansea - Canada's number
one scientist?*
Prof Hugh Torrens (Keele University) (Retired)

Refreshments are available ½ hour before each
lecture meeting.

Winter Programme

Saturday 17 February 11.00 am Cardiff Uni
Joint meeting with Russell Society
*Airborne Dust from Opencast Coal
Mining in South Wales*
Dr Tim Jones (Cardiff Uni Biosciences)

✕ **Saturday 10 March** 10.30 am UW Swansea
Annual General Meeting followed by
Australian Odyssey
Dr John Cope (Cardiff University)

16-25 March National Science Week 2001

Wednesday 21 March 7.00 pm Cardiff Uni
Annual Student Lecture
*Environmental Geophysics: tools for
exploring and repairing human impact on
the Earth*
Prof Peter Styles (Keele University)

✕ **Wednesday 11 April** 7.00 pm UW Swansea
11th TR Owen Lecture
*Geologists, Slaves and a Scarlet Woman:
pioneering geology in Swansea*
Tom Sharpe (National Museum of Wales)

Further details are in members' newsletters.
Summer programme due early 2001.

FIELDWORK SAFETY CODE

- Geological fieldwork is a **potentially hazardous** pastime.
- All participants in field meetings organised by the Geologists' Association South Wales Group are expected:
 - ♦ to take **all reasonable precautions** to ensure the safety of themselves and other participants;
 - ♦ to **behave in a responsible manner** at all times; and
 - ♦ to **follow the safety advice** given before and during field meetings.
- A **field meeting coordinator** will be identified at the start of each field meeting and will be responsible for aspects of safety at that meeting. Any safety issues that arise **must be reported** to that person.
- All participants must sign the **field meetings attendance book** at the start of each field meeting. This will be held by the field meeting coordinator. Anyone leaving before the termination of a field meeting must also sign the attendance book **when they depart**.
- **Children** under the age of 14 must be accompanied by an adult, who will be responsible for their behaviour.
- All participants should be **dressed appropriately** including sensible footwear and warm, waterproof clothing.



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

SUMMER PROGRAMME

March-September 2001

Name *Ann Thomas*

www.swga.org.uk

most field meetings cancelled - foot-and-mouth epidemic Forty-second Session 2000-2001

Sunday 18 March *Science Week*

Opencast coal site visit (morning visit)
Allan Cuthbertson (Neath Port Talbot Council)
Numbers limited - to book a place, please
contact Lynfa Lewis {01639-769241;
lynfailewis@nantyreos.freeserve.co.uk}.

Wednesday 21 March *Science Week*

Student Lecture: Environmental Geophysics
Prof Peter Styles (Keele University)
Cardiff University, Earth Sciences Dept, 7 pm

Sunday 25 March *Science Week*

Coastal geology at Nash Point, Vale of Glamorgan With Tom Sharpe (NMW)
Meet at 2 pm in the cliff-top car park at the end of the Marcross road (SS 916 683)

Wednesday 11 April *11th TR Owen Lecture*

**Geologists, Slaves and a Scarlet Woman:
pioneering geology in Swansea**
Tom Sharpe (National Museum of Wales)
Uni Wales Swansea, Dept of Geography, 7 pm

Saturday 28 April

Jurassic geology of the north Somerset coast
With Kevin Page (English Nature)
Meet 10.30 in the Kilve car park; packed lunch

Saturday 19 May

Llyn Llech Owain, Carmel Woods, Carreg Cennen With Gareth Davies
Meet 11 am at Llyn Llech Owain (SN567150).

Saturday 16 June *With Shropshire Geol Soc*

Precambrian and Lower Palaeozoic geology of the Old Radnor area
With Lesley Cherns (Cardiff University)
Meet at 11 am at Strinds Quarry (SO 247 580)

Wednesday 11 July *Evening geological walk*

Geology of Rhossili With Geraint Owen (UWS)
Meet at 7 pm in Rhossili car park (SS41458805)

Saturday 21 July

Quaternary environmental change in Cardiganshire
Prof Mike Walker (Uni of Wales Lampeter)
Meet at 10.30 at Uni Wales Lampeter

Wednesday 25 August *Evening geological walk*

Geology of Penarth With Steve Howe (NMW)
Meet at 6.30 opposite the Lifeboat Station at the bottom of Cliff Hill (ST 188 711)

Friday 15 - Sunday 17 September

Shropshire Field Weekend
With Shropshire Geological Society

Cardiff Conservation Days

31 Mar, 12 May, 9 June, 7 July, 4 Aug, 8 Sep
Meet at 10 am in Asda coffee shop, Coryton Interchange (M4/A470)

Full details of all meetings from Geraint Owen,
Dept of Geography, Uni Wales Swansea SA2 8PP
(01792-295141; g.owen@swansea.ac.uk)

COMMITTEE 2001-2002

President: Stephen Howe, Geology Dept, NMW,
Cardiff CF10 3NP. (029-2057-3363)

Vice-President: Allan Cuthbertson, 42 Ford Rd,
Port Talbot SA13 1AQ. (07712-571860)

Treasurer: Malcolm Shaw, 15 Brookdale Court,
Church Village, Pontypridd CF38 1RP.
(01443-202696)

Secretary: Geraint Owen, Geography Dept, UWS,
Swansea SA2 8PP. (01792-295141)

Programme Secretary: Lesley Cherns, Dept of
Earth Sciences, Cardiff University, PO Box 914,
Cardiff CF10 3YE. (029-2087-4338)

Membership Secretary: Mike Lees, 23 Blaencwm
Road, Llanamlet, Swansea SA7 9TA.
(01792-774527)

Editor: Michael Bassett, Geology Dept, NMW,
Cardiff CF10 3NP. (029-2057-3212)

Members of Committee: Lynda Garfield, Rhian
Hicks, Lynfa Lewis, Nigel McGaw, Stephen Plant,
Dave Wellings

Ex-officio Vice-President: Gareth Davies

Membership Subscription (due 1st September):
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SOUTH WALES GROUP GRŴP DE CYMRU

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MEMBERSHIP CARD 2001-2002

Name *Alun Thomas*

www.swga.org.uk

Forty-third Session

2001

✓ Saturday 20 October 11.00 am Cardiff Uni
*In Search of W.D. Conybeare: geologist and
divine*
Dr Douglas A Bassett

2-4 November
GA Festival of Geology, Liverpool

Sunday 11 November Field Meeting
Darell Opencast Site
Allan Cuthbertson (Neath Port Talbot CBC)

✓ Saturday 17 November 11.00 am UW Swansea
New Views on the Old Red
Prof Brian Williams (Aberdeen University)

Saturday 8 December 11.00 am Cardiff Uni
Geology of Wine followed by wine-tasting
Prof Jake Hancock (Imperial College London)

2002

✓ Friday 11 January 6.30 pm NMW Cardiff
Holiday Geology - slides, specimens, buffet

Saturday 26 January 11.00 am UW Swansea
Joint meeting with Russell Society
*Seafloor Hydrothermal Circulation: a personal
view*
Prof Adam Schultz (Cardiff University)

Winter Programme 2001-2002

Friday 15 February 7.00 pm Cardiff Uni
Joint meeting with Geol Soc and Russell Soc
Mines and Minerals of Nevada
Dr Rob Bowell (SRK Consulting)

Saturday 23 February 11.00 am UW Swansea
*The End is Nigh? Armageddon and European
volcanic activity!*
Dr John Grattan (UW Aberystwyth)

8-17 March National Science Week 2002

Sunday 10 March Field Meeting
Aust Cliff and Manor Farm
Dr Peter Hodges

✓ Saturday 16 March 10.30 am Cardiff Uni
Annual General Meeting followed by
Life Habits of Trilobites
Prof Richard Fortey (Natural History Museum)

3-5 April
Stone in Wales Conference, Cardiff (NMW)

- ① Free refreshments are available ½ hour before each lecture meeting.
- ② Further details are in members' Newsletters.
- ③ Summer field programme due early 2002.

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GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

SUMMER PROGRAMME

April-October 2002

Name Athol J Thomas

www.swga.org.uk

Forty-third Session

Saturday 20th April

Llyn Llech Owain, Carmel Woods, Carreg Cennen
Gareth Davies

Meet 10.30 at Llyn Llech Owain (SN 567 150)

Sunday 26th May With Open University GS

Opencast site visit
Allan Cuthbertson (Neath Port Talbot CBC)

Meet 10 am at Crynant Business Park off the

A4109 N & W of Crynant (SN 794 054)

Saturday 15th June With Shropshire GS *Memorial Lecture: Prof. Styles (Kale): Earthquake*

Geology and landscape of Gower

Geraint Owen

Meet 10 am at Rhossili car park (SS 415 880).

Bring packed lunch.

Sunday 16th June With Shropshire GS

Geology of the Vale of Glamorgan

Geraint Owen & Stephen Howe

Meet 9.45 am at car park S of Ogmore-by-Sea

(SS 869 745). Bring packed lunch.

Sunday 30th June *UCS Prof D. Bingham (Sydney): Edgworth Davis, 2*

Silurian to Carboniferous geology of South

Pembrokeshire

Sid Howells

Meet 10.30 at Freshwater East main car park

(SS 015 979). Bring packed lunch.

Sun 23.06.02

Kenfig C: GA Exhibition

Summer 2002

To be confirmed:

Saturday 13th July

Confirmed

Quaternary environmental change in Cardiganshire

Prof Mike Walker (Uni of Wales Lampeter)

Wednesday 24th July Evening geological walk

Building stones of Cardiff Bay

Lynda Garfield & Dave Wellings

Meet 6.30 pm at place to be confirmed.

Wednesday 21st August Evening geological walk

Geology of Pontneddfechan waterfalls

Mike Lees

Meet 6.30 pm at the car park near the Angel Inn (SN 900 076).

Provisional - to be confirmed:

Friday 20th - Sunday 22nd September

14-16.09 Confirmed

North Wales Field Weekend

With North Wales Geology Association

Saturday 19th October 11.00 am UW Swansea

Life of Roderick Impey Murchison

Dr Douglas A Bassett *Cancelled*

Cardiff Conservation Days

13 Apr, 18 May, 22 June, 20 July, 7 Sep, 12 Oct

Meet 10 am in Asda coffee shop, Coryton interchange (M4/A470)

Further details in members' Newsletters and from G Owen, Geography Dept, UW Swansea SA2 8PP

(01792-295141; g.owen@swansea.ac.uk)

COMMITTEE 2002-2003

President: Allan Cuthbertson, 42 Ford Rd, Port Talbot SA13 1AQ. (07986-559286)

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Ordinary £6.50 Senior Citizen & Student £2.50



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

MEMBERSHIP CARD 2002-2003

Name *Ann J Thomas*

www.swga.org.uk

Forty-fourth Session

2002

Saturday 19th October 11.00 am UW Swansea
Aspects of Armageddon: the environmental impact of volcanic eruptions
Dr John Grattan (UW Aberystwyth)

Saturday 26th October 2.00 pm NMW, Cardiff
Palaeobotany Workshop
Dr Chris Cleal (NMW, Cardiff)

Saturday 2nd November
GA Reunion, University College London

Saturday 23rd November 11.00 am Cardiff Uni
Fantastic Fossils from China!
Dr Jason Hilton (National Museums of Scotland)

Saturday 14th December 11.00 am UW Swansea
Geology of the Falklands, South Georgia and Antarctica
Jim Chetcuti and Sid Howells

Winter Programme 2002-2003

2003

Friday 10th January 6.30 pm NMW Cardiff
Holiday Geology - slides, specimens, buffet

Saturday 25th January 11.00 am UW Swansea
Geohazards and volcanoes - Title to be confirmed
Dr Mark Davies (ARK Geophysics)

Saturday 22nd February 11.00 am Cardiff Uni
Joint meeting with Russell Society
Title to be arranged

7th-16th March National Science Week 2003

Saturday 8th or Sunday 9th March Field Meeting
To be confirmed

Saturday 29th March 10.30 am Cardiff Uni
Annual General Meeting followed by Reconstructing Ancient Continents
Prof Michael G Bassett (NMW, Cardiff)

- ④ Free refreshments are available ½ hour before each lecture meeting.
- ⑤ Full details are in members' Newsletters.
- ⑥ Summer field programme due early 2003.

FIELDWORK SAFETY

- Geological fieldwork is potentially hazardous.
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SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

SUMMER PROGRAMME

April-October 2003

Name

Alun J Thomas

www.swga.org.uk

Forty-fourth Session

Sunday 13th April: *Dinosaur and other fossils of the Middle Jurassic of Oxfordshire*

Phil Powell (Oxford University Museum) and
Tom Sharpe (NMW)

Meet 11.00 am at Ardley Quarry (SP 540 263)

Wednesday 21st May 7.00 pm Cardiff Uni

TR Owen Memorial Lecture

Prof Paul Wright (Cardiff University)

Saturday 31st May: *Precambrian and Lower Palaeozoic of the Old Radnor area*

Lesley Cherns (Cardiff University)

Meet 11.00 am at Stronds Quarry (SO 247 580)

Wednesday 11th June *Evening geological walk Llansteffan* Geraint Owen (UW Swansea)

Meet 7 pm at car park below castle (SN352104)

Sunday 22nd June

Forest of Dean Dave Green

Meet 10.30 am; park by the B4227 at Upper Soudley (SO 654 104)

Sunday 6th July: *Checking out Murchison: fossils and structures in the Builth-Llandrindod area*
John Davies (CUW)

Meet 10.30 am at Upper Ho. on minor road E of A470 at Crossway (SO 076 571). Several miles walk, bring packed lunch.

Summer 2003

Wednesday 16th July *Evening geological walk Building stones of Cardiff Bay*

Lynda Garfield & Dave Wellings (with Cardiff Parks). Meet 6.30 pm at junction of Bute Street and James Street (ST 192 746)

Saturday 16th August: *Opencast site visit*

Allan Culbertson (Neath Port Talbot CB Council)

Details to be confirmed

12-14 September Provisional: to be confirmed
East Anglia Field Weekend

Saturday 27th September

Old Red Sandstone of South Pembrokeshire

Rob Hillier Details to be confirmed

Cardiff Conservation Days

26 Apr, 17 May, 14 June, 19 July, 10 Aug, 20 Sep,

11 Oct, 8 Nov: Meet 10 am in Asda coffee shop, Coryton interchange (M4/A470)

Further details in members' Newsletters and from G Owen, Geography Dept, UW Swansea SA2 8PP

(01792-295141; g.owen@swansea.ac.uk)

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Programme Secretary: Lesley Chems, Dept of Earth Sciences, Cardiff University, PO Box 914, Cardiff CF10 3YE. (029-2087-4338)

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Membership Subscription (due 1st September):
Ordinary £8.00 Senior Citizen & Student £4.00

ALUN J THOMAS
34 PORTH Y CASTELL
B A R Y CF62 6QD
VALE OF GLAMORGAN
TEL 01446 413153



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

MEMBERSHIP CARD 2003-2004

Name

Alun J. Thomas

www.swga.org.uk

Forty-fifth Session

2003

Saturday 25th October 11.00 am Cardiff Uni
Sir Roderick Murchison & Company;
King of Siluria
Dr Douglas Bassett *D. Michael Bassett*

Saturday 8th November
GA Reunion, University College London

Saturday 15th November 11.00 am UW Swansea
Flood basalts and mass extinctions
Dr Andrew Kerr (Cardiff University)

Saturday 13th December 11.00 am Cardiff Uni
Invasion Earth: ichnological evidence
for the conquest of land
Dr Simon Braddy (Bristol University)

2004

Friday 9th January 6.30 pm NMW Cardiff
Holiday Geology - slides, specimens, buffet 45 slides 1989-92

Saturday 24th January 11.00 am UW Swansea
Cretaceous and Cenozoic Tropical climates:
insights from drilling in Tanzania
Prof Paul Pearson (Cardiff University) *Evolution*

Winter Programme 2003-2004

Saturday 21st February 11.00 am Cardiff Uni
Joint meeting with Russell Society
Title to be confirmed:
Hot spring environments and silicification
Dr Alan Channing (Cardiff University)

12th-21st March National Science Week 2004

✓ Saturday 13th March 11.00 am NMW, Cardiff *RCC*
Paleozoic Palaeobiogeography Day *L.M.C., J.C.W., D.E., R.M.D.*

Saturday 27th March 10.30 am UW Swansea
Annual General Meeting followed by
Retiring President's Address
Exploitation of the Kuruman ore field,
South Africa
Allan Cuthbertson (Neath Port Talbot CBC)

Early June 26 May UW Swansea
14th T.R. Owen Lecture - details to be confirmed
(*Dr T. Palmer & Co.*)

- ④ Free refreshments are available ½ hour before each lecture meeting.
- ⑤ Full details are in members' Newsletters.
- ⑥ Summer field programme due early 2004.

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GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

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Registered Charity Number 1054303

SUMMER PROGRAMME

May-October 2004

Name

Alun J Thomas

www.swga.org.uk

Forty-fifth Session

Summer 2004

Sunday 23rd May: *Geo-engineering and Geology of the Amroth-Tenby coastal section*
Sid Howells
Meet 10 am at Amroth car park (SN 163 071)

Wednesday 26th May 7.00 pm Swansea Uni
TR Owen Memorial Lecture:
Good and Bad Limestone in Architecture
Dr Tim Palmer (UW Aberystwyth)

Wednesday 16th June *Evening geological walk*
Ogmore-by-Sea Stephen Howe (NMW)
Meet 7 pm at Surf Life Clubhouse in Ogmore car park (SS 862 754)

Sunday 20th June: *Geology of the Malvern Hills*
Dr Lesley Cherns (Cardiff University)
Meet 11 am at Herefordshire Beacon car park (SO 763 403)

Wednesday 14th July *Evening geological walk*
Threecliff Bay Geraint Owen (UW Swansea)
Meet 7 pm at NT car park in Penmaen, Gower (SS 531 888)

Saturday 24th July: *The Usk Inlier*
Dr Robert Owens (NMW)
Meet 10 am in main car park, Maryport Street, Usk (SO 376 007)

Wednesday 11th August *Evening geological walk*
Building stones of Cardiff Bay
Lynda Garfield & Dave Wellings
Meet 6.30 pm at old post office on junction of James Street & Bute Street

25-26 September **Field Weekend**
Geology of Central Wales

Sunday 17th October
Geology of Lilstock, Somerset
Dr Peter Hodges
Meet 11 am at the beach car park, Lilstock (ST 172 452)

Cardiff Conservation Days

Practical Geoconservation. These meetings are held monthly through the summer. More details from members' Newsletters.

COMMITTEE 2004-2005

President: Lynfa Lewis, 13 Bryn Catwg, Cadoston,
Neath SA10 8BG. (01639-769241)

Vice-President: Tom Sharpe, Dept of Geology,
NMGW, Cardiff CF10 3NP (02920-573265)

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Dept, NMGW, Cardiff CF10 3NP (02920-573363)

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MEMBERSHIP CARD 2004-2005

Name *Ann J Thomas*

www.swga.org.uk

Forty-sixth Session

2004

✓ Saturday 23rd October 11.00 am Cardiff Uni
Dinosaur tracks in the Purbeck Limestone with
Group - and where they have led Isabella
Paul Ensom (Natural History Museum, London)

✓ Saturday 6th / Sunday 7th November
GA Geofest@Cardiff - GA Reunion
Lectures, displays, sales and field trips

✓ Saturday 20th November 11.00 am UW Swansea
Fire, Ice and Water: aspects
of planetary geology
Dr Robert Owens (National Museum of Wales)

Saturday 11th December 11.00 am Cardiff Uni
Glaciation in the Irish Sea: a return
to the Flood?
Dr Danny McCarroll (UW Swansea)

2005

Friday 14th January 6.30 pm NMW Cardiff
Holiday Geology - slides, specimens, buffet

Winter Programme 2004-2005

Saturday 22nd January 11.00 am UW Swansea
Old Cockles and Old Mussels:
the early history of bivalves
Prof. John Cope (National Museum of Wales)

✓ Saturday 19th February 11.00 am Cardiff Uni
Joint meeting with Russell Society
Sulphide Minerals and Coal Rank
in South Wales
Dr Naylor Firth (Chepstow)

Saturday 5th March Field Meeting
Building Stones of Newport
Dr Eric Robinson

11th-20th March National Science Week 2005

Saturday 19th March 10.30 am UW Swansea
Annual General Meeting followed by
Morgan's Treasure Island:
the search for the first mammals
Pam Gill (University of Bristol)

- ④ Free refreshments are available ½ hour before each lecture meeting.
- ④ Full details are in members' Newsletters.
- ④ Summer field programme due early 2005.

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SUMMER PROGRAMME

June-October 2005

Name *Alun J Thomas*

www.swga.org.uk

Forty-sixth Session

- Wednesday 15th June *Evening geological walk*
Oxwich, Gower Geraint Owen
Meet 7.00 pm at Oxwich Bay car park, Gower (SS 501 865).
- Saturday 25th June Dr Tony Ramsay
Geology of the Cribarth, Upper Swansea Valley, and the proposed Brecon Beacons Geopark
Meet 10.30 am at the Craig-y-Nos Visitor Centre (SN 840 155). Bring packed lunch.
- Wednesday 29th June *Evening geological walk*
Nash Point, Vale of Glamorgan Tom Sharpe
Meet 7.00 pm at the cliff-top car park at the end of the road from Marcross (SS 916 683).
- Saturday 9th July *Cardiff Science Festival*
Building Stones of Cardiff City Centre
Eric Robinson (GA)
Meet 2.00 pm on the front steps of the National Museum of Wales, Cardiff.
- Sunday 10th July *Cardiff Science Festival*
Building Stones of Cardiff Bay
Lynda Garfield & Dave Wellings (SWGA)
Meet 2.00 pm in front of the Wales Millennium Centre, Cardiff Bay.

Summer 2005

- Saturday 23rd July John Davies (CCW)
Lower Old Red Sandstone of Carmarthenshire
Meet 11.00 am at Cwar Glas, Pont-ar-llechau in the Sawdde Gorge, S of Llangadog (SN 727 248). Bring packed lunch.
- Sunday 18th September Sid Howells (CCW)
Geology from Newgale to Solva, Pembrokeshire
Meet 10.30 am in Newgale at the first large car park off the main road from Haverfordwest (SM 850 218). Bring packed lunch. Return by public transport.
- Saturday 8th October Duncan Hawley
Lower Old Red Sandstone of the Black Mountains
Meet 10.00 am at Talgarth car park (SO 153 337). Bring packed lunch.
- Saturday 15th October
First lecture of the winter programme:
Topic to be confirmed
11.00 am at University of Wales Swansea

Cardiff Geoconservation Days

Practical Geoconservation. These meetings are held monthly through the summer. More details from members' Newsletters

COMMITTEE 2005-2006

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MEMBERSHIP CARD

2005-2006

Name *John J Thomas*

www.swga.org.uk

2005

Saturday 15th October 11.00 am UW Swansea
*The Brecon Beacons Geopark and sustainable
economic development*

Jane Davies and Tony Ramsay
(Brecon Beacons National Park)

Saturday 5th November
GA Reunion, University College London

Saturday 19th November 11.00 am Cardiff Uni
TR Owen Memorial Lecture

*Surviving Armageddon: solutions for a
threatened planet*

Prof. Bill McGuire
(Benfield Hazard Research Centre, UC London)

Saturday 10th December 11.00 am UW Swansea
*Chasing bryozoans in Ireland, Estonia and New
Zealand: their use as cool-water biological
palaeoclimate indicators*

Patrick Wyse Jackson (TC Dublin)

2006

Friday 6th January 6.30 pm NMW Cardiff
Holiday Geology - slides, specimens, buffet

~~X~~ Saturday 21st January 11.00 am Cardiff Uni
Henry Hicks: the bubble that refused to burst
Dr Dyfed Elis Gruffydd

★ Saturday 18th February 11.00 am UW Swansea
Joint meeting with Russell Society
*Petrography of the building stones of south
Wales*

Dr Graham Lott (British Geological Survey)

See Programme 2005, p. 14

10th-19th March National Science Week 2006

Saturday 18th March 10.30 am Cardiff Uni
*Annual General Meeting followed by
Retiring President's Address*
Geology and Me
Lynfa Lewis

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SUMMER PROGRAMME

June-October 2006

Name Hun J. Thomas

www.swga.org.uk

Forty-seventh Session

Sunday 18th June Dr Chris Lee
Geology of Flatholm
PRE-BOOKING ESSENTIAL
Meet 9.00 am at the Flatholm Project
Office, Barry Island.

Wednesday 5th July Evening geological walk
Bracelet Bay, Gower Geraint Owen
Meet 7.00 pm at Bracelet Bay car park,
Gower (SS 628 873).

Saturday 15th July Duncan Hawley
**Lower Old Red Sandstone of the Black
Mountains 2: the eastern sections**
Meet 10.00 am at Abergavenny railway
station car park (SO 305 136). Bring
packed lunch.

Wednesday 19th July Evening geological walk
Penarth Tom Sharpe
Meet 7.00 pm at the cliff-top car park at the
end of Cliff Parade, Penarth (ST 186 704).

Summer 2006

Saturday 19th August Tom Sharpe
Burringtoncombe and Cheddar
Meet 11.00 am at the car park nr Aveline's
Hole on the B3134 in Burringtoncombe
(ST 476 587). Bring packed lunch.

Sunday 17th September
Dr Richard Bevens (NMW)
Geology of Strumble Head
Meet 11.00 am at the Strumble Head car
park (SM 895 414). Bring packed lunch.

Saturday 7th October
Dr John Davies (CCW)
Joint meeting with Welsh Stone Forum
Geology of some Gower churches
Meet 11.00 am at The Green, Llangennith,
Gower (SS 428 914). Bring packed lunch.

Saturday 14th October
First lecture of the winter programme:
Topic to be confirmed
11.00 am at Cardiff University

COMMITTEE 2006-2007

President: Tom Sharpe, Dept of Geology, NMGW,
Cardiff CF10 3NP (02920-573265)

Vice-President: Nigel McGaw, 8 Gwalia Close,
Bridgend CF31 1YH

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Cuthbertson, Diane Davies, Mike Gregory, Rhlen
Hicks, Mike Smith

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MEMBERSHIP CARD

2006-2007

Name Apur J. Thomas

www.swga.org.uk

Forty-eighth Session

2006

Saturday 14th October 11.00 am Cardiff Uni
China, China!
Howard Bartlett (Cardiff University)

11/22 October Rockwatch weekend 1 to 5 Wales

Saturday 4th November
Festival of Geology, University College London

Sunday 5th Nov 10.00-4.00 Malsemore, Glos.
*A Celebration of 20 years of Mineralogy with the
Russell Society in Wales and the West*

✶ Saturday 18th November 11.00 am UW Swansea
The geology of bottled water
Prof. John Mather (University of London)

Saturday 9th December 11.00 am Cardiff Uni
Coal, fire and ancient rainforests
Dr Howard Falcon-Lang (Bristol University)

✶ Free refreshments are available ½ hour before each lecture meeting.

Winter Programme 2006-2007

2007

Sat 13

~~Saturday~~ January **BOOKING ESSENTIAL**
10-3 National Waterfront Museum, Swansea
Holiday Geology - slides, specimens, buffet

Saturday 20th January 11.00 am UW Swansea
Ice streams: arteries of the Antarctic ice sheet
Prof. Tavi Murray (University of Wales Swansea)

Saturday 17th February 11.00 am Cardiff Uni
Joint meeting with Russell Society
Minerals and geology in Namibia
Rick Turner (President of the Russell Society)

9-18 March National Science Week 2007

Saturday 17th March 10.30 am UW Swansea
Annual General Meeting followed by
Extraordinary fossils from the Cretaceous of
northeast Brazil
Dr John Nudds (University of Manchester)

✶ Full details are in members' Newsletters.
✶ Summer field programme due early 2007

COMMITTEE 2008-2009

President: Nigel McGaw, 8 Gwalia Close, Bridgend CF31 1YH. (01656-654439)

Vice-President: Malcolm Shaw, 15 Brookdale Court, Church Village, Pontypridd CF38 1RP. (malcolm.shaw@gmail.com; 01443-202696)

Treasurer: Hazel Trenbirth, Geography Dept, Swansea Uni, Swansea SA2 8PP (447801@swansea.ac.uk; 01792-513065)

Secretary: Geraint Owen, Geography Dept, UWS, Swansea SA2 8PP. (g.owen@swansea.ac.uk; 01792-295141)

Programme Secretary: Stephen Howe, NMW, Cardiff CF10 3NP. (Steve.Howe@museumwales.ac.uk; 02920-573363)

Membership Secretary: Mike Gregory, 579 Gower Road, Upper Killay, Swansea SA2 7DR. (mggregory@fsmail.net; 01792-298510)

Editor: Rhian Kendall, 'Shenstone', Ty'r Winch Road, Old St. Mellons, Cardiff CF3 5UX. (rhian@carreg.org.uk; 07963-732276)

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MEMBERSHIP CARD

50TH 2008-2009 SESSION

Name *Alun J Thomas*

www.swga.org.uk

Fiftieth Session

2008

Saturday 18th October 11.00 am Swansea Uni
*Joint meeting with Russell Society
Geology and Mineralisation of the Central
Wales Orefield*
Prof. David James

25/26 Oct Field weekend to North Cornwall
and Devon

Saturday 1st November
GA Annual Reunion, UCL London

Sunday 15th Nov 10.00-5.00 NMW, Cardiff
Geofest: talks, displays, sales

Saturday 13th December 11.00 am Swansea Uni
150 Years of The Geologists' Association
Dr Eric Robinson

Winter Programme 2008-2009

2009

Saturday 10th January **BOOKING ESSENTIAL**
10am-4pm National Waterfront Museum,
Swansea
Holiday Geology - slides, specimens, buffet

Saturday 24th January 11.00 am Cardiff Uni
*Geology and Natural Hazards of Papua New
Guinea*
Dr Stephen Edwards
(Benfield UCL Hazard Research Centre)

Saturday 21st February 11.00 am Swansea Uni
*Joint meeting with Geological Soc S Wales Group
Why protect the rocks? Understanding and
protecting the geo-history of Mid Wales*
Joanne Venus (University of Leeds)

Saturday 21st March 10.30 am Cardiff Uni
*AG Annual General Meeting followed by
The Old Red Sandstone of South Wales*
Prof Brian Williams (University of Aberdeen)

☉ Free refreshments are available ½ hour before each lecture meeting.

☉ Full details are in members' Newsletters.

☉ Summer field programme due early 2009.

FIELDWORK SAFETY

- Geological fieldwork is potentially hazardous.
- All participants in field meetings organised by the Geologists' Association South Wales Group are expected:
 - ♦ to take all reasonable precautions to ensure the safety of themselves and other participants;
 - ♦ to behave in a responsible manner at all times; and
 - ♦ to follow the safety advice given before and during field meetings.
- A field meeting coordinator will be identified at the start of each field meeting and will be responsible for aspects of safety at that meeting. Any safety issues that arise must be reported to that person.
- All participants must sign the field meetings attendance book at the start of each field meeting. This will be held by the field meeting coordinator. Anyone leaving before the termination of a field meeting must also sign the attendance book when they depart.
- Children under the age of 16 must be accompanied by an adult, who will be responsible for their behaviour.
- All participants should be dressed appropriately including appropriate footwear and warm, waterproof clothing.



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

SUMMER PROGRAMME

April-October 2009

Name Alun J. Thomas

www.swga.org.uk

Fiftieth Session

Summer 2009

Sunday 26th April Tom Sharpe (NMW)
Rudry, near Caerphilly.
Meet 10.30 am at public car park on Rudry Common (ST 183 865), just below Mynydd Rudry, near Caerphilly.

Saturday 30th May John Davies (CCW)
North-west Carmarthenshire
Meet 10.30 am at Focus car park, Carmarthen (SN 412 193).

Saturday 20th June David Owen (GGT)
Chedworth, Gloucestershire
Meet 10.30 am at Chedworth Roman Villa car park (SP 053 135), 3 miles NW of Fossebridge off A429 Cirencester-Northleach.

Saturday 25th July Adrian Humpage (BGS)
Landforms and de-glaciation of middle Usk Valley in the Abergavenny area
Meet 10.00 am outside Abergavenny Tourist Information Centre in the main car park opposite the bus station (SO 302 140).

Saturday 22nd August Andy Farrant (BGS)
Burrington Combe, Mendip
Meet 10.30 am at Burrington Coombe Café car park, below Rock of Ages (ST 476 587).

Saturday 19th September Dyfed Elis Gruffydd
St Davids, Pembrokeshire
Meet 11.00 am at Pembrokeshire Coast National Park car park near Bishop's Palace in St Davids (SM 749 254).

Saturday 17th October Swansea University
First lecture meeting of new season

Saturday 24th October Ben Evans (BIGC)
Cwm Gwrelych and Selar Opencast, Neath Valley
Meet 10.30 am at Cwm Gwrelych, near Pont Walby, Pontneddfechan (SN 891 065).

A packed lunch is recommended for all field meetings.

Further details in members' Newsletters and on our web site: www.swga.org.uk

COMMITTEE 2009-2010

President: Nigel McGaw, 8 Gwalia Close, Bridgend
CF31 1YH. (01656-654439)

Vice-President: Malcolm Shaw, 15 Brookdale
Court, Church Village, Pontypridd CF38 1RP.
(malcolm.shaw@gmail.com; 01443-202696)

Treasurer: Hazel Trenbith, Geography Dept,
Swansea Uni, Swansea SA2 8PP
(hazel.trenbith@tiscali.co.uk; 01792-513065)

Secretary: Lynda Garfield
(secretary@swga.org.uk)

Programme Secretary: Stephen Howe, NMW,
Cardiff CF10 3NP.
(Steve.Howe@museumwales.ac.uk; 02920-573363)

Membership Secretary: Mike Gregory, 579 Gower
Road, Upper Killay, Swansea SA2 7DR.
(membership@swga.org.uk)

Editor: Rhian Kendall, 'Shenstone', Ty'r Winch
Road, Old St. Mellons, Cardiff CF3 5UX.
(webmaster@swga.org.uk)

Members of Committee: Lesley Cherns, John
Davies, Lynfa Lewis, Geraint Owen, Mike Smith

Ex-officio Vice-President: Tom Sharpe

Membership Subscription (due 1st September):
Ordinary £8.00 Senior Citizen & Student £4.00



GEOLOGISTS' ASSOCIATION CYMDEITHAS Y DAEAREGWYR

SOUTH WALES GROUP GRŴP DE CYMRU

Registered Charity Number 1054303

MEMBERSHIP CARD 2009-2010

Name

www.swga.org.uk

Fifty-first Session

2009

Saturday 17th October 11.00 am Swansea Uni
*Supercontinent Disunited: why did America
reject Wegener's big idea?*
Dr Ted Nield (*The Geological Society*)

Saturday 31st October
GA Festival of Geology, UCL London

Saturday 14th Nov 11.00 Cardiff Uni
*Permian and Triassic mineralisation in the
rocks of south-west England*
Dr Richard Scrivener
(*British Geological Survey*)

Saturday 12th December 11.00 am Swansea Uni
Reflections on 50 years of geological change
Prof. John Cope (*National Museum of Wales*)

Winter Programme 2009-2010

2010

Saturday 9th January **BOOKING ESSENTIAL**
11am-4pm National Museum of Wales, Cardiff
Holiday Geology - slides, specimens, buffet
(£2.00 per head charge)

Saturday 23rd Jan 11.00 am Cardiff Uni
How Earth made us
Prof. Iain Stewart
(*University of Plymouth*)

Saturday 20th February 11.00 am Swansea Uni
*The New Zealand Tuatara, its fossil relatives
and the Welsh Dragon*
Mark Jones (*University College London*)

Saturday 13th March 10.30 am Cardiff Uni
*Annual General Meeting followed by
Retiring President's Address*
Geoconservation: serious fun!
Nigel McGaw

☎ Free refreshments are available ½ hour before
each lecture meeting.

☎ Full details are in members' Newsletters.

☎ *Summer field programme* due early 2010.