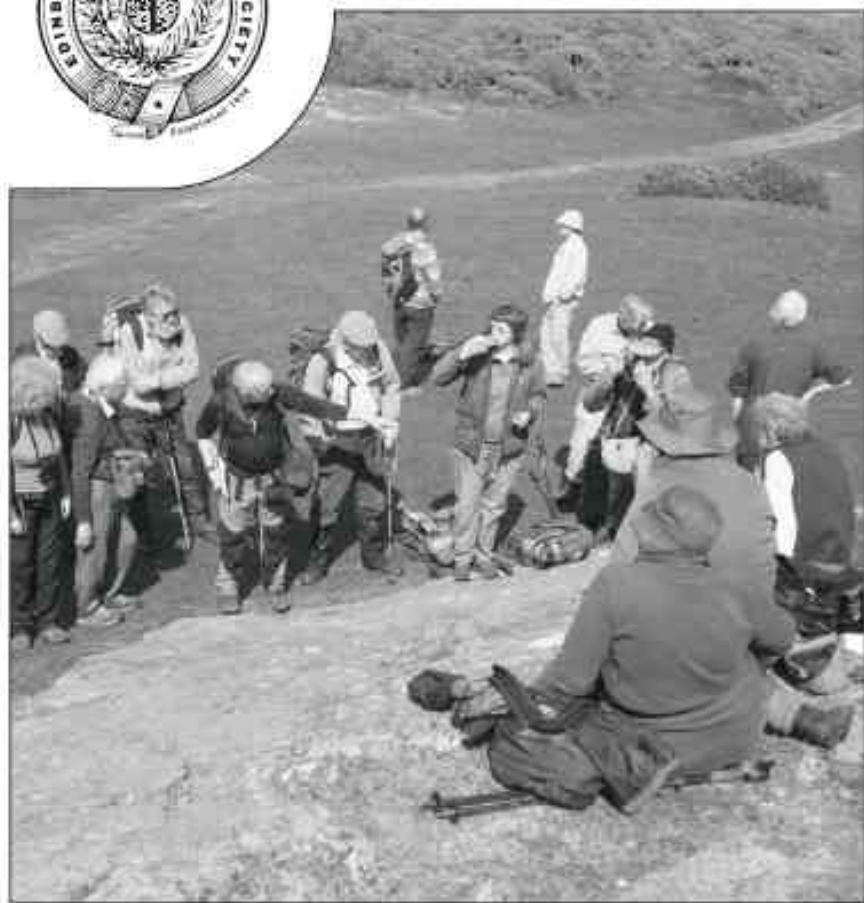




EDINBURGH GEOLOGICAL SOCIETY



Annual Report and Proceedings

176th Session

2009 - 2010

www.edinburghgeol Soc.org

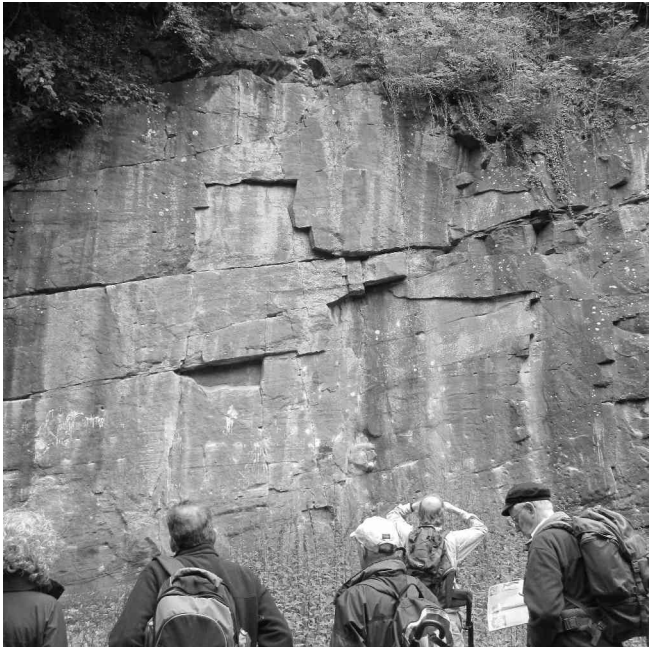
A charity registered in Scotland SC 008011

Edinburgh Geological Society

Report of Council for the Year Ended 30th September 2010

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Members of the Society examine the Scone Sandstone Formation in Wolf's Hole Quarry, Bridge of Allan, August 2010. ©Richard Smith.

Cover image: Dr Emrys Phillips explains part of the Rhoscolyn Anticline to a group of Society members during the 2010 Long Excursion to the Isle of Anglesey. ©Anne Burgess.

Welcome

The Council of the Edinburgh Geological Society takes great pleasure in presenting our Annual Report and Accounts in a new format, incorporating the Proceedings of the Society, and distributed to all members. The Society has had a very active and successful year, and we are delighted with the increased level of participation of ordinary members in the running of the Society.

Angus Macpherson, President

Legal and Administrative Information

Charity Name: Edinburgh Geological Society
Scottish Charity Number: SC 008011
Revenue & Customs No.: CR 30310
Registered Office: None
Official Contact Address: c/o Mr R Morley, Flat 3, 27 Sunbury Street,
Edinburgh EH4 3BU

Council 2010 (Elected 20th January 2010)

President: Angus Macpherson

Vice-Presidents: Graham Leslie, Andrew McMillan

Secretary: Angus Miller

Treasurer: Bob Morley

Membership Secretary: Christine Thompson

Lectures Secretary: Kathryn Goodenough

Assistant Secretary (Billet): Sarah Bailey

Assistant Secretary (Lectures): Alice Custance-Baker

Publication Sales Officer and Proceedings Editor: Ian Jackson

Librarian: Bob McIntosh

Scientific Editors: Rob Duck, Ian Alsop

Ordinary Members: Bob Reekie, Anne Burgess, Richard Smith, Rachel Wood, Lilian d'Mello, David Gould.

The post of Excursions Secretary remained vacant during the year. The previous Council served a 14-month term to 20th January 2010, following a change in the date of the AGM from November to January.

Independent Examiner

Mr L H Stewart, C A, Dalgliesh & Tullo, Chartered Accountants, 23 Rutland Square, Edinburgh EH1 2BP

Bankers

Bank of Scotland, 1 Liberton Drive, Edinburgh EH16 6NL

Investment Managers

Brewin Dolphin Securities Ltd, 7 Drumsheugh Gardens, Edinburgh EH3 7QH

Structure, Governance and Management

Objectives and Activities

The Society was founded in 1834. Law 2 states that its objectives shall be the stimulation and encouragement of public interest in geology and the advancement of geological knowledge by such means as public lectures, symposia, conferences, the reading and discussion of original papers, excursions, exhibitions, the maintenance of a geological library, the publication of the *Scottish Journal of Geology* jointly with the Geological Society of Glasgow, and the production of any other geological publications which may be considered desirable.

Governing Document

The organisation is a Society founded on 4th December 1834, and is recognised by HM Revenue and Customs as a Charity. Its governing document is the Laws of the Society, as amended by the membership of the Society at Special General Meetings called for the purpose.

Recruitment and Appointment of Council

Council is elected at the Annual General Meeting of the Society, held in January each year. The President and Vice-Presidents each serve on Council for two years. Other office bearers are elected annually, but there is no limit on the number of years for which they may be re-elected. There are up to six Ordinary Members of Council who are each elected for three years.

Trustee Induction and Training

A Trustee Induction Pack is given to all new Council members and prospective members, to ensure that they are aware of their duties and understand their legal responsibilities as Trustees of the Society. Office bearers have generally been members of the Society for several years.

Risk Management

A risk assessment is carried out for each field excursion. This includes a description of the types of terrain to be encountered on the excursion and emphasises particular hazards on the planned route such as uneven ground, slippery or unstable surfaces or sheer drops. Walking distances and the height and severity of any ascents or descents are also specified. Information on such hazards, and the level of fitness required by participants, is included for each excursion in the published excursion programme.

The Society is insured against third party liability arising from claims resulting from the Society's activities during field excursions, or site work by Geoconservation Group members. This insurance is provided through the Geologists' Association, to which the Society is affiliated.

The Society aims to break even financially over short periods of years and

prepares an annual budget to help achieve this. The portfolio of investments provides a buffer in case of need.

Organisational Structure

The Society has a Council of up to 24 members who meet at least six times per year and are responsible for the strategic direction and policy of the Society. All Council members are voluntary and unpaid. The Society has no paid employees.

Sub-committees manage particular aspects of the Society's work. These are Planning, Finance, Publications, Excursions and Grants (The Clough Committee).

Related parties

The Lothian and Borders GeoConservation Group (previously called Lothian and Borders RIGS Group) is involved in designating, publicising and helping to maintain Local Geodiversity Sites in the Lothians and Borders. It is a sub-committee of the Edinburgh Geological Society. Its Chair, Secretary and Treasurer are members of the Society; representatives from local councils and Scottish Natural Heritage also sit on its committee. The Stirling and Clackmannan RIGS Group, operating within the Stirling, Falkirk and Clackmannan Council areas, has a similar relationship, function and structure.

The *Scottish Journal of Geology* is owned jointly by the Edinburgh Geological Society and the Geological Society of Glasgow. Each Society appoints two scientific editors to sit on the board.

The Society is affiliated to the Geologists' Association.

Achievements and Performance

Overview

The Society had a successful year in pursuing its objectives of the stimulation and encouragement of public interest in geology and the advancement of geological knowledge. Full programmes of lectures and excursions were undertaken, and were well attended. The number of members of the Society remained steady. Work continued on various publications, including a major new excursion guide on Moine geology which was published during the year, and production of *The Edinburgh Geologist* restarted. Our affiliated local geoconservation groups (previously known as RIGS groups) continued to be active, with Lothian and Borders GeoConservation publishing new leaflets and notifying 15 new sites.

Council

The Council met 7 times during the year, and maintained an overview of the full range of activities of the Society. The retirement of Treasurer David Gould after 20 years' service marks a major change for Council and the Society. He has contributed a huge amount and Council members past and present are very grateful for his diligence and hard work.

A working group was established to consider paid administrative support, recognising that the work of the Society was falling heavily on the shoulders of a few volunteers. Council concluded that such an arrangement could not be funded without increasing subscription rates, and instead implemented a programme of reviewing workloads and seeking to involve more people in the running of the Society.

Council recognised that the financial deficits of the last few years were not acceptable over the long-term and began a programme of attempting to forecast and control income and expenditure more accurately for the coming year.

The Planning Committee considered various items, including the workloads of office bearers, a house style for Society publications and stationery and events to promote the Society. The Finance Committee maintained unchanged the instructions to our investment managers and assisted the Treasurer in drafting an annual budget.

Lectures Programme 2009-2010

The programme consisted of 11 meetings in Edinburgh and a joint lecture hosted by the Geological Society of Glasgow. This was the last programme of lectures arranged by outgoing Lectures Secretary Prof Tony Harris and the Society is very grateful to him for arranging several years of interesting and varied programmes. The Society does not pay a fee to speakers and is very appreciative of the time and expertise that they give so willingly. Despite the harsh winter, attendances were healthy and ranged from 35 to 98. Fellows' Night was combined with the annual social evening at BGS

Murchison House in a very successful new format, with a selection of short presentations followed by a wine and cheese reception, arranged by John Mendum.

Lectures held during the session were:

2009

- 14th Oct Prof Bryan Lovell (Cambridge University). Challenged by carbon: geologists, the oil industry and climate change.
- 28th Oct Presentation of the Clough Memorial Award. Dr David Brown (University of Glasgow). Agglomerates, cauldrons and felsites: a historical record of caldera and sector collapse processes in the British Palaeogene Igneous Province.
- 11th Nov Prof Chris MacLeod (Cardiff University). A new view of seafloor spreading at the Mid-Atlantic Ridge.
- 25th Nov Dr Phil Stone (British Geological Survey). Charles Darwin, geology and the Falkland Islands.
- 9th Dec Fellows' Night and Social Evening.

2010

- 13th Jan Dr Andrew Ross (National Museums Scotland). Insects in amber.
- 20th Jan Annual General Meeting & Presidential Address. Mr Andrew McMillan (British Geological Survey). Our built heritage - why earth science matters.
- 10th Feb Presentation of the Clough Medal. Dr Doug Fettes (formerly British Geological Survey) The Dalradian - a continuing enigma.
- 24th Feb Dr Ken McCaffrey (University of Durham). Laser scanning, lighting up the rocks.
- 10th Mar Joint lecture with Mining Institute of Scotland. Dr James Tweedie (GeoMEM Ltd). Borehole Surveying in mining, quarrying and oil exploration.
- 24th Mar Prof Tim Atkinson (University College, London). Taking the plunge into deep time - landscape evolution comes of age.
- 8th April Joint Celebrity Lecture with the Geological Society of Glasgow (in Glasgow). Peter Westbroek, (Leiden University, Netherlands) The power of geology.

Excursions Programme 2010

In the absence of an Excursions Secretary the programme was arranged by a small group of Council members and bookings were efficiently taken by Myra Smith. There were six Saturday and six Wednesday evening excursions, with increased attendances compared to recent years, with between 11 and 32 people attending each excursion.

Excursions held during the session were:

- Sat 24th Apr Dob's Linn. Joint Excursion with Geological Society of Glasgow. Leader: Euan Clarkson.
- Wed 12th May Leadburn and Noble House. Leader: Brian Upton.
- 15th-22nd May Long Excursion to Anglesey.
- Wed 26th May Cockenzie Shore. Leader: David McAdam.
- Sat 5th Jun Sedimentation and Tectonics at Scremerston, Northumberland. Leader: Stuart Monro.
- Wed 9th Jun Stockbridge to Dean Bridge. Leader: Angus Miller.
- Sat 19th Jun Cove and Pease Bay. Leader: Mike Browne.
- Wed 23th Jun Calton Hill and Stones of Scotland. Leader: Cliff Porteous.
- 3rd-4th July Weekend Excursion to Ayrshire.
- Wed 7th Jul Building Stones of South Edinburgh. Leader: Andrew McMillan.
- Wed 21th Jul Princes Street Gardens & the Grassmarket. Leader: Colin Macfadyen.
- Sat 21th Aug Bridge of Allan, Dumyat and Ochil Hills. Leader: Con Gillen.
- Sat 11th Sep Seafield to Kirkcaldy. Leader: Rosalind Garton.
- Sat 2th Oct Comrie. Leader: Brian Upton.

In May, during a very successful Long Excursion to Anglesey the party enjoyed fine weather and accommodation, and the expert leadership of Emrys Phillips. A weekend excursion in July to Ayrshire, led by Richard Smith, was similarly appreciated even although the weather was not so kind.

Membership

The total membership of the Society at 30 September 2010 was 510, a very slight decrease from 513 the previous year. This comprised members in the following categories, with last year's figures in brackets:

Honorary Fellows	7 (7)	Senior Fellows	59 (59)
Corresponding Fellows	7 (7)	Family Fellows	27 (27)
Distinguished Fellows	2 (2)	Glasgow Associates	10 (11)
Life Fellows	13 (14)	Junior Associates	4 (7)
Ordinary Fellows	381 (379)		
TOTAL	510 (513)		

Publications

A new title - An Excursion Guide to the Moine Geology of the Northern Highlands of Scotland - edited by Rob Strachan and three others, was published jointly with NMS Publishing and the Geological Society of Glasgow. It was a poor year for publications sales, particularly for older titles with fewer direct sales to the public and fewer orders from independent booksellers. Sales of the Rum guide, published in 2008, were also sharply lower than the previous year and sales of the new Moine guide have proved disappointing to date. The fourth and final annual depreciation of stock published before 2009 was completed, so that the value of stock on the balance sheet more accurately represents the financial value of the publications held.

An excursion guide to the Northwest Highlands will be published in 2011 and work continues on guides to the Stirling area and Mull. Publication of *The Edinburgh Geologist*, the Society's magazine for members, was restarted after a break of four years, and three editions were issued under the editorship of Phil Stone and Bob McIntosh. *Proceedings No. 39* for the session 2008-09 were edited by Ian Jackson and distributed to all members.

Following agreement in December 2008 between the Geological Society Publishing House, the Geological Society of Glasgow and the Society, the *Scottish Journal of Geology* was incorporated into the online Lyell Collection, with all parts of the journal now available to Society members for free. Volume 45, Part 2 and 46, Part 1 of the journal were published during the year.

The Clough Medal, the Clough Memorial Award and Research Grants

The Clough Medal for 2009-10 was presented to Dr Douglas Fettes in recognition of his distinguished contributions to Scottish Precambrian geology, including his work to promote these rocks in international fora and in recognition of his leadership role and understated management style.

Fieldwork grants continued to attract strong applications, and five grants totalling £1300 were awarded from the Clough and Mykura Funds:

Andrew Bell: Brittle deformation of the Rum volcano - £300

Matthew Booth: Sedimentary and tectonic processes related to continental collision, Turkey - £150

William Hutchison: Volcan de Colima, Mexico - £300

John Macdonald: Mapping & sampling of Lewisian metasedimentary rocks - £300

Brian Upton: Ben Buie gabbro intrusion, Isle of Mull - £250

Brief reports from fieldwork supported by the Society in recent years are posted on the Society's website.

Geoconservation Groups

Lothian and Borders GeoConservation designated 15 new Local Geodiversity Sites within Edinburgh, bringing the total number of sites designated by the group to 43. This major increase was the result of the work of the Edinburgh Geodiversity Sites Working Group, and it is hoped similar work can begin in adjacent areas, starting with West Lothian. A Geodiversity Action Plan was included in the Edinburgh Local Biodiversity Action Plan 2010-2015. The Volunteer Group met frequently during the winter and continued its work on preparing general information leaflets. Two new leaflets were published, for North Berwick and Barns Ness, bringing the total number of leaflets prepared by the group to 22. Work progressed on two further leaflets for Canongate Wall and Building Stones of South Edinburgh. The group put on displays and guided walks at a range of venues during the summer and led some of the Society's Wednesday evening excursions. Mike Browne, chair of Lothian and Borders GeoConservation was re-elected as chair of the national body, GeoConservation UK.

Acknowledgements

The affairs of the Society are organised entirely by voluntary effort. Members of Council jointly contribute hundreds of hours of time to the running of the Society, much of this in quiet ways behind the scenes. Council is supported by many other people, including lecturers, excursion leaders and organisers. Several members help with the work of the Society's committees, in particular we wish to highlight the input of new members Kevin Harvey and Beverly Bergman who have contributed enthusiastically to the work of the Planning Committee. David Kerridge, head of BGS in Scotland, is thanked for accommodating the Society at Murchison House for several lectures and meetings.

Financial Review

The Society's activities were maintained at a similar level to previous years. The deficit on revenue account was £5,544, compared with a deficit of £1,802 in 2008-09 and the Society's net assets fell by £2,354 over the year.

Principal Funding Sources

The Society's principal source of income continues to be membership subscriptions and this is supplemented by tax refunds in respect of members who gift aid their subscriptions. Other important sources are sales of the Society's publications and income from the Society's investments. The Geoconservation groups receive grants and donations from Scottish National Heritage and other bodies for the production of new leaflets and these monies are earmarked for this purpose. Income from excursions is used to pay for, or at least defray, the costs of the excursions.

Expenditure

Expenditure continued at a similar level to last year except that three issues of *The Edinburgh Geologist* were produced during the year (compared with none last year), and the new arrangements with the Geological Society of London for the production of the *Scottish Journal of Geology* result in few costs now having to be met by EGS.

Investment Policy

The Society employs Brewin Dolphin Securities Ltd as its investment managers and they have discretion to manage the portfolio on a day-to-day basis without reference to the Society. Their remit is to provide growth with a medium risk profile, while maintaining investment income at about current levels. During the year most direct equity investments were switched into investments in composite vehicles, mainly investment trusts. At present approximately half of the Society's funds are invested in equities, with the remainder being in fixed interest securities, mainly corporate bonds.

Reserves Policy

The Society has accumulated reserves of £81,082, more than two times annual expenditure. The Society aims to break even on Revenue Account over the long term but in the short term cash flow from revenue is under pressure and Council is addressing this point.

Plans for Future Periods

Costs generally continue to rise and the Society seeks to offset this by attracting new members, encouraging the use of Gift Aid and the use of budgetary measures. Production of excursion guides continues and is being paced and costed carefully. Employment of paid administrative support is desirable but probably not practical without a substantial increase in subscription income.

Responsibilities of Council

The Council accept their responsibility for the preparation of financial statements for each financial year which give a true and fair view of the affairs of the Society and of the surplus or deficit for the period. In preparing those financial statements, Council are required to:

- select suitable accounting policies and apply them consistently;
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting statements or statements of recommended practice have been followed, subject to any departures disclosed or explained by the financial statements and
- prepare the financial statements on the going-concern basis unless it is inappropriate to assume that the Society will continue in existence.

The Council also accept their responsibility for keeping proper accounting records which disclose with reasonable accuracy at any time the financial position of the Society and enable them to ensure that the financial statements comply with the Charities and Trustees Investment (Scotland) Act 2005 and the Charities Accounts (Scotland) Regulations 2006.

The Council are also responsible for safeguarding the assets of the Society and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Independent Examiner

Mr L H Stewart of Dalgliesh and Tullo continued as Independent Examiner during the year and has expressed his willingness to continue in that capacity.

Approved by the Council of the Edinburgh Geological Society and signed on its behalf by

Mr Angus Macpherson, President
8 December 2010

Independent Examiner's Report to the Trustees

I report on the accounts of the charity for the year ended 30 September 2010 which are set out on pages 14 to 19.

Respective responsibilities of trustees and examiners

The charity's trustees are responsible for the preparation of the accounts in accordance with the terms of the Charities and Trustees Investment (Scotland) Act 2005 and the Charities Accounts (Scotland) Regulations 2006. The charity trustees consider that the audit requirement of Regulation 10 (1) (a) to (c) of the Accounts Regulations does not apply. It is my responsibility to examine the accounts as required under Section 44 (1) (c) of the Act and to state whether particular matters have come to my attention.

Basis of independent examiner's statement

My examination is carried out in accordance with Regulation 11 of the Charities Accounts (Scotland) Regulations 2006. An examination includes a review of the accounting records kept by the charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts, and seeks explanations from the trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit, and consequently I do not express an audit opinion on the view given by the accounts.

Independent examiner's statement

In the course of my examination, no matter has come to my attention:

1. Which gives me reasonable cause to believe that in any material respect the requirements:

- To keep accounting records in accordance with Section 44 (1) (a) of the 2005 Act and Regulation 4 of the 2006 Accounts Regulations, and
- To prepare accounts which accord with the accounting records and comply with Regulation 8 of the 2006 Accounts Regulations

have not been met, or

2. To which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.

L H Stewart CA
23 Rutland Square EDINBURGH EH1 2BP
8 December 2010

**Statement of Financial Activities including Income and
Expenditure Account for the year ended 30th September 2010**

	Note	Unrestricted Funds - £	Endowment Funds - £	2010 £	2009 £
<u>Incoming Resources</u>					
Voluntary income					
Members' Subscriptions		8,752		8,752	9,003
Gift Aid tax refund		939		939	966
Investment income		2,072	781	2,853	3,171
Income from charitable activities					
Excursions	3	10,828		10,828	10,170
Grants to Groups	2,4	5,105		5,105	2,348
Fundraising trading: Sales of Publications	5	<u>2,581</u>		<u>2,581</u>	<u>3,835</u>
<u>Total Incoming Resources</u>		<u>£30,277</u>	<u>£781</u>	<u>£31,058</u>	<u>£29,493</u>
<u>Resources Expended</u>					
Fund management charges		465		465	462
Fundraising trading: Cost of Publications Sales	5	7,691		7,691	7,856
Charitable activities					
Lectures		2,638		2,638	3,549
Billet		2,024		2,024	1,622
The Edinburgh Geologist		3,233		3,233	-
Excursions	3	11,862		11,862	11,532
Geoconservation groups leaflets	2,4	5,381		5,381	694
Grants and Awards		67	1,391	1,458	1,566
Scot. Journal of Geology Administration	6	-		-	2,500
		<u>982</u>		<u>982</u>	<u>673</u>
Total cost of Charitable activities		<u>26,187</u>	<u>1,391</u>	<u>27,578</u>	<u>22,136</u>
Governance costs		<u>868</u>		<u>868</u>	<u>841</u>
<u>Total Resources Expended</u>		<u>£35,211</u>	<u>£1,391</u>	<u>£36,602</u>	<u>£31,295</u>
Net Incoming (Outgoing)					
Resources before other recognised gains		(4,934)	(610)	(5,544)	(1,802)
Net gain on investments	7	2,317	873	3,190	1,238
<u>Net Movement in Funds</u>		<u>(2,617)</u>	<u>263</u>	<u>(2,354)</u>	<u>(564)</u>
Reconciliation of funds					
Total funds brought forward		60,590	22,846	83,436	84,000
<u>Total funds carried forward</u>		<u>£57,973</u>	<u>£23,109</u>	<u>£81,082</u>	<u>£83,436</u>

The statement of financial activities includes all gains and losses in the year. All incoming resources and resources expended derive from continuing activities.

Balance Sheet as at 30th September 2010

	Notes	2010		2009	
		£	£	£	£
<u>Investments</u>	7		<u>68,520</u>		<u>66,817</u>
<u>Current Assets</u>					
Stock of Publications	5	3,432		8,625	
Other Stocks		537		296	
Debtors and prepayments	8	1,841		3,356	
Bank		<u>14,059</u>		<u>10,286</u>	
		<u>19,869</u>		<u>22,563</u>	
<u>Creditors</u>					
Scottish Journal of Geology		-		2,500	
Other creditors and provisions - amounts falling due within one year	9	<u>7,307</u>		<u>3,444</u>	
		<u>7,307</u>		<u>5,944</u>	
<u>Net Current Assets</u>			<u>12,562</u>		<u>16,619</u>
<u>Net Assets</u>			<u>£81,082</u>		<u>£83,436</u>
<u>Unrestricted funds</u>					
General Fund	11		57,973		60,590
<u>Restricted funds</u>					
Permanent endowment funds	11		<u>23,109</u>		<u>22,846</u>
<u>Total funds</u>			<u>£81,082</u>		<u>£83,436</u>

The notes on pages 16 to 19 form part of these accounts.

Approved by Council and signed on its behalf by

R Morley, Treasurer
8 December 2010

Notes forming part of the Financial Statements

1. Accounting Policies

The principal accounting policies are summarised below. The accounting policies have been carried through consistently throughout the year and in the preceding year.

(a) Basis of Accounting

The accounts have been prepared under the historical cost convention, as modified by the inclusion of investments at market value, and in accordance with the Charities and Trustees Investment (Scotland) Act 2005, the Charities Accounts (Scotland) Regulations (2006) and Statement of Recommended Practice: Accounting and Reporting by Charities (2005).

(b) Fund Accounting

- Unrestricted funds are available for use at the discretion of the trustees in furtherance of the general objectives of the charity.
- Restricted funds are subjected to restrictions on their expenditure imposed by the will of the donor.

(c) Incoming Resources

- Subscriptions are credited in the period to which they relate. No provision is made for arrears.
- Sales of publications are credited in the period to which they relate.
- All other income is credited when received.
- The gross income from investments and bank interest received during the year has been apportioned to the various funds in the ratio of their opening balances, together with net gains (losses) on investments.

(d) Resources Expended

Expenditure is recognised on an accrual basis as liability is incurred and includes VAT.

- Charitable expenditure comprises those costs incurred by the charity in the delivery of its activities to its beneficiaries.
- Governance costs comprise those costs associated with meeting the constitutional and statutory requirements of the charity and include the Independent Examiner's fee (£748) and costs linked to the strategic management of the charity.
- All costs are allocated between the expenditure categories of the Statement of Financial Activities on a basis designed to reflect the use of the resource.

2. Geoconservation Groups

The Lothian and Borders GeoConservation and Stirling and Clackmannan RIGS Groups are constituted as committees of the Society, but have their own office-bearers and bank accounts. Their financial results are included in these accounts.

3. Excursions

Particulars of the Society's excursions etc are as follows:-

	2009 / 10		2008 / 9	
	Cost £	Contributions £	Cost £	Contributions £
Day Excursions	1,272	622	1,450	700
Weekend Excursion	178	62	197	75
Long Excursion	10,229	9,935	9,197	8,695
Fellows' Night	<u>183</u>	<u>209</u>	<u>688</u>	<u>700</u>
Total	<u>£11,862</u>	<u>£10,828</u>	<u>£11,532</u>	<u>£10,170</u>

4. Grants to GeoConservation Groups

Lothians and Borders GeoConservation Group has received Grants from SNH for the production of new leaflets. Some have been printed but two have still to be produced and provision for the cost of these has been included in these Accounts.

5. Publications

Sales and the cost of sales comprise:

	2009 / 10	2008 / 9
	£	£
Sales	<u>2,581</u>	<u>3,835</u>
Cost of Sales	<u>1,628</u>	<u>2,938</u>
Depreciation	<u>6,063</u>	<u>4,918</u>
Total cost of Sales	<u>£7,691</u>	<u>£7,856</u>

Stocks of publications have been valued at the lower of cost and net realisable value after making due allowance for obsolete and slow-moving items. Older stocks have now been fully depreciated and the more recent Rum and Moine Guides are being written off at the greater of 20% pa or pro rata to Sales.

6. Scottish Journal of Geology

Up to and including Vol. 45 (2009), a provision was required for the Society's one half share of the expected production costs of the *Scottish Journal of Geology*. However, under the new agreement with the Geological Society of London, this provision is no longer necessary.

7. Investments

Analysis of Movements of Investments

	£
Carrying value (market value) at beginning of year	66,817
Add: Additions to Investments at cost	45,455
Less: Disposals at carrying value	46,093
Add: Net gain on revaluation	<u>2,341</u>
Carrying value (market value) at end of year	<u>£68,520</u>
Note - Net gains realised during the year	849
Gain on revaluation	<u>2,341</u>
Total gain on Investments	<u>£3,190</u>

8. Debtors and Prepayments

	2010	2009
	£	£
Gift Aid tax refund	939	966
Miscellaneous	<u>902</u>	<u>2,390</u>
Total	<u>£1,841</u>	<u>£3,356</u>

9. Creditors and Provisions

	2010	2009
	£	£
Provision for production of L&B	3,000	-
GeoConservation leaflets		
Loan by Chairman of S&C RIGS Group	2,180	2,180
Miscellaneous	<u>2,127</u>	<u>1,264</u>
Total	<u>£7,307</u>	<u>£3,444</u>

10. Trustee Remuneration and Related Party Transactions

No members of Council received any remuneration during the year. Costs incurred in entertaining lecturers after the public lectures (£309) were refunded to 2 members of Council, and other costs totalling £3,226 incurred on behalf of the Society were refunded to 9 members of Council.

£500 was paid to a Trustee (K Goodenough) for professional services in connection with the preparation of a new Guide. No other trustee or other person related to the charity had any personal interest in any contract or transaction entered into by the charity during the year (2008 / 09 - nil).

11. Restricted Funds

Purposes

The Clough Memorial Fund provides a medal annually to a geologist whose original work has materially increased the knowledge of the geology of Scotland and the North of England, and to award grants for fieldwork. Four grants were made from the Clough Fund during the year.

The Mykura Fund supports field work in Scotland. One grant was made during the year.

Accounting

The gross income from investments and bank interest received during the year, together with net gains (losses) on disposal or revaluation of investments, has been apportioned to the various funds in the ratio of their opening balances.

The assets of the Society have been apportioned to the various funds in the ratio of their closing balances.

	Unrestricted £	Clough £	Mykura £	Total £
Investment income	2,072	597	184	2,853
Other incoming resources	<u>28,205</u>	—		<u>28,205</u>
Total incoming resources	<u>£30,277</u>	<u>£597</u>	<u>£184</u>	<u>£31,058</u>
Awards and medals	67	91		158
Grants made		1,000	300	1,300
Other outgoing resources	<u>35,144</u>			<u>35,144</u>
Total outgoing resources	<u>£35,211</u>	<u>£1,091</u>	<u>£300</u>	<u>£36,602</u>
Gain on revaluation of investments	<u>2,317</u>	<u>667</u>	<u>206</u>	<u>3,190</u>
Net movement in Funds	(£2,617)	£173	£90	(£2,354)
Funds brought forward	60,590	17,452	5,394	83,436
Funds carried forward	<u>£57,973</u>	<u>£17,625</u>	<u>£5,484</u>	<u>£81,082</u>
represented by:				
Investments	45,948	17,088	5,484	68,520
Current assets	19,332	537		19,869
less - Current liabilities	<u>(7,307)</u>			<u>(7,307)</u>
Net assets	<u>£57,973</u>	<u>£17,625</u>	<u>£5,484</u>	<u>£81,082</u>

Obituaries

It is with the greatest regret that we record the deaths of Life Fellow, Prof Donald McIntyre, of Ordinary Fellows, William (Bill) Harper, Dr Peter Hill and Dr John Jones, and of Senior Fellow, William (Bill) Hudson. These obituaries were compiled by Ian Jackson, Proceedings Editor.

William Glass Walker Harper became a member of the Society in the 1960-1 session and later played a significant part in Society affairs, most notably as Excursions Secretary (1969-76), as Treasurer (1982-1985), and finally as Trustee (1994-2004).

Bill Harper was born on his father's farm, Bennan, north of Moniaive, on 2nd April 1917. In 1924, the family moved to Jersey and later Guernsey, but in 1933 relocated to Edinburgh where Bill completed an electrical engineering apprenticeship with Bruce Peebles, the now defunct Edinburgh-based, electrical engineering firm. In WWII he joined the RAF, was with Bomber Command from 1941 to 1946, latterly in India as Squadron Leader, and was mentioned in dispatches. On demob, he re-joined the Electrical Design Department of Bruce Peebles, rising to become Chief Engineer for the entire company from 1966 until retirement in 1980. He held Chartered Engineer status with the Institution of Electrical Engineers.

Bill was a keen tennis player and swimmer in his earlier years, an ardent hill walker and an excellent photographer. His unrivalled photographic archive of Society excursions over several decades (especially those featuring HEP turbines in the Highlands!) is testimony to his meticulous record keeping. He died on 4th March 2010, aged 92. [My grateful thanks to Andrew McMillan for the biographical details].

Dr Peter Graham Hill was an analytical geochemist and member of the research staff at the Grant Institute of Geology, for most of his career. He joined the Society in 1971-72, and served on the editorial board of the *Scottish Journal of Geology* from 1996 to 2002.

Pete Hill was born in 1942 and, on leaving school in 1960 worked for three years at the Department of Forensic Medicine at Edinburgh University. After completing his geology degree at the Grant Institute, he embarked on a PhD analysing the volcanic rocks of Aden. In 1971 he moved briefly to Newcastle University to a geochemistry post, returning to the Grant in 1973 to assist in running Edinburgh's first electron microprobe. He had a great empathy with students in the lab, and for the next 30 years would tweak the microprobe for their individual research projects. His great technical ability and expertise were harnessed in interpreting microprobe data, leading to co-authored papers on an esoteric range of mineralogical and geochemical topics.

Pete retired in 2005, and in 2008 was appointed Production Editor of the

Mineralogical Magazine. He died on 13th May 2010, aged 68 yrs. [My grateful thanks to Mark Welch and Colin Graham for sight of their fuller obituary to appear shortly in the *Mineralogical Magazine*].

The Society has recently been notified of the death of **Joseph William (Bill) Hudson** of Bathgate, a long-standing member of the Society who joined in the 1968-69 session, and served as an Ordinary Member of Council from 1972-75. He was a Member of both the Institution of Civil Engineers and the Institute of Highway Incorporated Engineers, and died aged 79 on 12th February 2009.

The Society has only recently learned of the death on 20th November 2008 of **Dr John Michael Jones** who until retirement was a Senior Lecturer specialising in coal microscopy, in the Department of Geology, Newcastle University; he was elected to the Society in 1965-66.

John Jones' early career concentrated on the Carboniferous (especially Westphalian) stratigraphy and structure of coastal Northumberland and Berwickshire (including a classic description of one of the best-exposed Westphalian sections in the UK, north of Tynemouth). He later assisted Duncan Murchison in building up the Organic Geochemistry Unit (later the Fossil Fuels Laboratory) at Newcastle into a centre-of-excellence specialising in the maturation of hydrocarbons (both coals and petroleum), and he masterminded a regional vitrinite reflectance study of the Alston Block.

He was also involved with equipment development both in the field and in the lab. He popularised the use in the UK of a portable drill capable of taking borehole cores in graduate mapping projects, and in the lab he made technical improvements to the apparatus used for reflectivity measurements. Following retirement in the 1990s to Horsley outside Newcastle, he was most recently engaged on maturation studies of samples from the Eastgate deep geothermal well drilled in Weardale in 2004.

With the passing of **Prof Donald Bertram McIntyre**, aged 86, on 21st October 2009 at Scone, Perth, the Society has lost its longest elected member. Donald McIntyre was a Life Fellow who joined the Society in 1943 as a 20 year-old student; before his departure to the USA, he served on Council as an Ordinary Member in 1946-47 and 1949-51. He was born on 15th August 1923 in Edinburgh and attended George Watson's College until he was 16. His resolve to become a geologist came about in rather novel circumstances. Thanks to a fateful decision by his father on a Speyside family holiday at the outbreak of WWII, Donald spent his final school years in Grantown-on-Spey, exploring the northern Cairngorms during the weekends and long evenings. A retired teacher gave him a copy of the local Survey memoir, and he was enthralled by the descriptions of the glacial

geology. He enrolled at Edinburgh University in 1941 as a chemistry student, but switched to geology after his first year, graduating with Geology Honours in 1945; he completed his PhD on the Loch Doon Granite in 1947 and was awarded a DSc in 1951.

He was appointed to an Economic Geology lectureship (1948-49) at the Grant Institute, and then became Reader in Petrology (1949-54). During a long and varied career, Donald's research interests fell into three main themes, partly overlapping chronologically - firstly structural geology (1945-60), followed by computer applications in geology (1961-89), and finally the history of geology (1978-2009). His early research in Scotland concentrated on structural studies in Proterozoic rocks, and in 1951 he published the first stereographic projection of a regional fold axis in the UK (for the Grantown-Tomintoul area). Also in 1951, Donald organised a field excursion to Assynt for distinguished foreign visitors on which he met Frank Turner of Berkeley. Turner was later instrumental in Donald applying for, and gaining, a professorship in the Geology Department, at the small Pomona College, Claremont, California in 1954; he became Head of Department there in 1957, staying until retirement in 1989.

At Pomona from the early 1960s onwards, he pioneered the use of computers in geology, in particular trend-surface analysis and bibliographic retrieval systems (specifically GeoRef); he was also a gifted and inspiring teacher (named California Professor of the Year in 1985). He returned to Scotland in 1989 and became engrossed in researching the life and times of James Hutton on whom he was an acknowledged authority and biographer.

Donald had many outside interests - in 1941, he and a school friend completed the first recorded traverse of the seven highest Cairngorm Munros in a single day (in 20 hours 5 minutes); in the years following WWII, he climbed extensively in Glen Coe with the legendary W.H. (Bill) Murray, testing and grading routes for the forthcoming Scottish Mountaineering Club climbing guide. He was proficient on the bagpipes and had considerable prowess as a wine taster and oenologist.