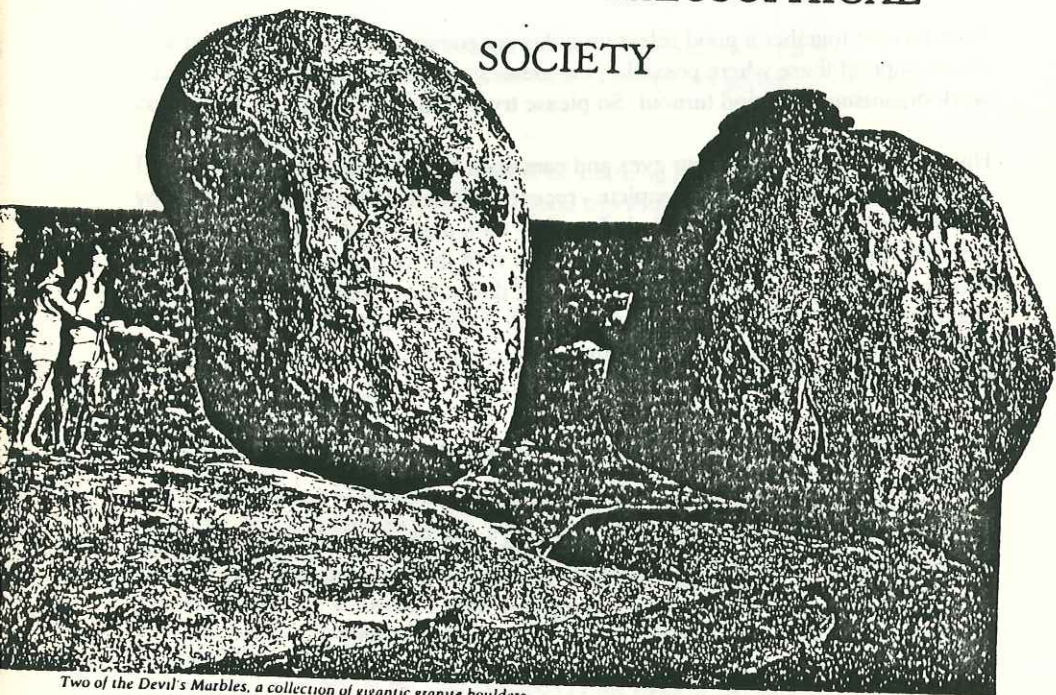


CHARNIA

LEICESTER

LITERARY AND PHILOSOPHICAL
SOCIETY



Two of the Devil's Marbles, a collection of gigantic granite boulders.

SUMMER 1995 EDITION

THE NEWSLETTER OF
SECTION C (GEOLOGY)

(Non!) Editorial

Our Editor is "snowed-under" at present (and looking out the window, I guess he doesn't mean just work!): as a result, the lot has fallen on me to get this issue out to you on time.

We have had information from other Societies on their varied summer Field Programmes over a broad selection of dates, days and times, and to give you all a good opportunity to make at *at least* one field visit this year, there is a calendar of the outings available in this issue to help you plan your summer.

Peter has put together a good selection in his programme for our Section - Please support these where possible - the greatest reward for all the hard work organising is a good turnout. So please try and make the effort in '95.

Having said that, do keep your eyes and ears open for other opportunities - our calendar is by no means complete - recently I found information on two interesting events just shortly before they took place. The first was the Jason project at the B G S - a live link-up with the volcanic islands of Hawaii, and the second was a RIGS 'working' day at the National Stone Centre in Derbys., with many experts on hand. Unfortunately, due to other commitments, I was unable to make this, but I certainly enjoyed a similar event last year.

This issue also brings you up-to-date with information from the recent AGM.

Enjoy your summer: I hope I will catch up with some of you in the field, and look forward to seeing you all at our meetings in the autumn.

Eliz Bellamy

Report on the AGM held on Wed. 15th March 1995

Over 20 members attended this meeting at the University. The Officers reports follow this.

The proposed amendments to our Rules, as printed in the last issue of *Charnia* were passed unanimously. Our thanks must go to Roy for his work in ironing out the 'grey' areas. It was over 30 years since they were last changed.

Mike Le Bas, our incoming President thanked Roy for his sterling efforts not only on the rule changes but also his unflagging work in negotiating first with the Museum, and latterly with the Parent Body, trying to retain the Museum for our meetings venue.

The nominations for the new committee were just enough to fill the vacancies, and these were elected en-bloc. The full list appears on the back cover.

Finally, we all sat back to enjoy part II of 'Looking at Fossils'. Thank you for your efforts Roy, we hope you had a good trip to Arran!

EB

**LEICESTER LITERARY AND PHILOSOPHICAL SOCIETY
SECTION C - GEOLOGY**

Chairman's Report 1994/95

This has been a year of mixed fortunes for the Section. As a result of policy decisions made by Leicestershire Museums Service, we have been forced to leave our traditional meetings' venue in the New Walk Museum. This was a tradition that went back to the middle of the last century. As a result of negotiations undertaken by Committee with the Museums Service management, we were in fact able to continue to use the Council Room at the Museum up to and including the Christmas Members' Evening. Since the New Year, meetings have been held in the Geology Department at Leicester University, at the kind invitation of the Head of Department, Professor Ansel Dunham, and this have proved most successful, and is popular with the Section's membership. Committee have affirmed that the Section should seek to maintain its "town-meets-gown" character, and partly in this light, will seek to re-establish in some form its historic link with the New Walk Museum. For the time being, negotiations to this end are in the hands of the Council of the Society.

Membership of the Section is in a very healthy state. Whilst total numbers remain modest, it has been a pleasure to welcome many new faces to our circle, faces that include many that are distinctly youthful. For the winter programme at least, attendances have been very good - indeed records have been broken, and this is in spite of the meetings' venue trauma. All of which bodes well for the future.

Roy G. Clements
15th March 1995

LEICESTER LITERARY & PHILOSOPHICAL SOCIETY
Section C Geology

Secretary's Report 1994/5

This year has seen a full and varied programme of speakers and activities in our winter programme.

We were privileged to have a preview of the new Earth Sciences gallery at the Museum on our first meeting. This opportunity was well received by the membership, and our thanks must go to John Martin for making this event possible. Our Space theme began with a talk before Christmas, followed by the Saturday School after Christmas. This event was very well supported, and our thanks must go to Mike Whateley for organising this.

Volcanic activity, field mapping, Ostracods, and a glimpse of the trials of a travelling curator were all talks well supported and attracting a wide audience. We have been pleased to welcome a number of students to our meetings, in part due to the work of our Student Representative, Jonathan North. The members evenings were both well supported, with many varied specimens and exhibits displayed (some edible!!). Members were able to recall this at our last meeting, watching a video of some of the proceedings. Sadly this was to be our last meeting at the Museum for this session.

Speakers for the 1995/6 programme are being arranged at present, and once again it should be a stimulating and varied programme. The dates follow this report.

Our joint meeting with the Parent Body on 8th January will be an enlightening talk by Simon Conway-Morris of Burgess Shales notoriety on 'Meteor Impacts and the History of Life'.

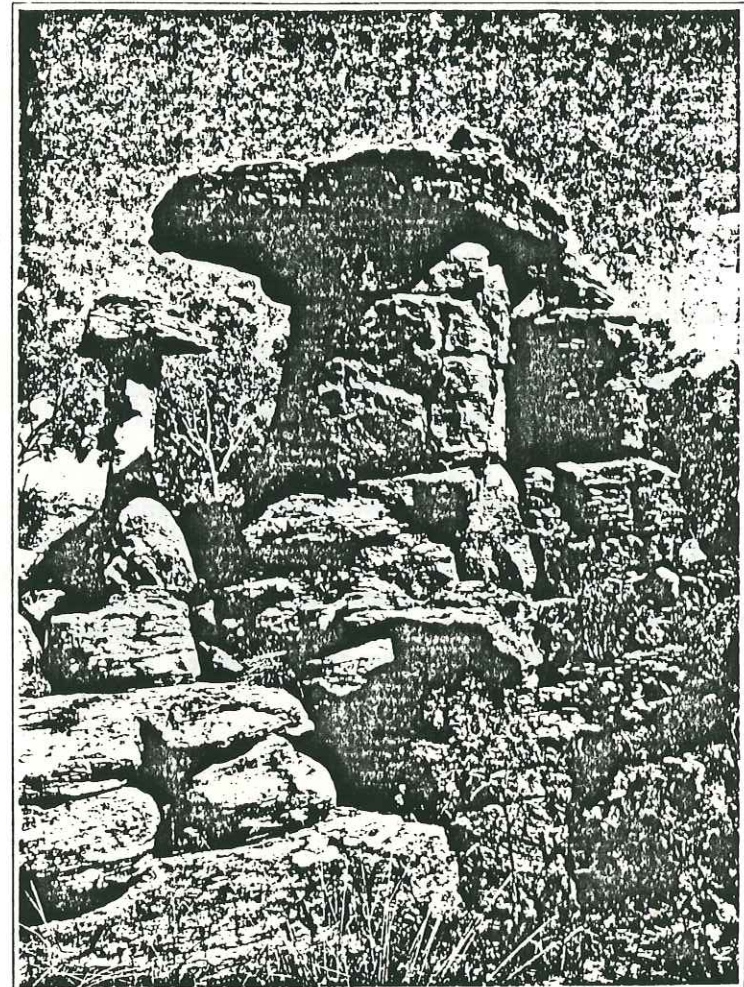
Our Saturday School at Vaughan College on March 9th is 'Origins and Innovations: The first 200 million years of vertebrate evolution', organised by Dick Aldridge and Mark Purnell of the University.

The Section is making good use of the free publicity available:- Leicester Mercury, Leicester Link, Radio Leicester, Leicester Promotions, and the Museums database. If anyone is aware of any other outlets available, I would be pleased to know.

EB

Proposed Dates for series of Winter Meetings, 1995/6

1995	1996
(20th September)	10th January
4th October	24th January
18th October	7th February
1st November	21st February
(15th Nov - poss Sat or Sun instead!)	6th March (AGM)
29th November	(20th March)
13th December (Members Xmas Meeting)	



Spectacular sandstone outcrops from Liberty

Statement of Accounts 10th March 1995

Receipts	1994-5	1993-4	Expenses	1994-5	1993-4
Cash in hand, 25/3			Insurance	66.66	58.40
Current a/c 539.21	564.24	527.26	Speakers Expenses	67.45	88.23
Building Soc.	-	-	Expenses, Museum Meeting	29.93	-
Subscriptions	266.50	277.50	Charnia printing & post	112.56	26.02
Visitors	2.50	-	Programme Printing	10.10	5.51
Donations	6.00	-	Sec. & Treas. Exps.	75.76	81.15
Bank & Building Soc. Interest	7.39	3.21	Book Token, Flowers	34.24	-
Coffee Sales	12.05	15.58			
			Cash in Hand	40.14	
			Buildg. Soc.	421.84	461.98
				564.24	
	858.68	823.55		858.68	823.55

Audited by M J East
10.3.95

Treasurer's report

During the year our Midland Bank Accounts were closed and the Balances transferred to the Hinckley & Rugby Building Society, resulting in an increase of interest.

Our income from subscriptions has fallen this year. Last year our Membership stood at 97. This year our paid-up Membership has fallen to 88. We have in the year welcomed a number of new members, but 18 of last years membership have not renewed, and in addition we have lost one member through death and two by resignation. We need to continue our efforts to attract new Members to ensure a healthy future.

This year there has been little change in the pattern of expenditure apart from the production and distribution of 'Charnia', of which there have been 3 issues this year. Additional costs on this item of some #86, together
Treasurer's Report (cont'd.)

with increases in insurance, printing Membership cards, and some other non-recurring items, has resulted in an excess of expenditure over income of #102. It is to be hoped that next year this situation can be reversed.

Doug Lazenbury

Field Secretary's Report

Lit. & Phil Field Trips - 1994

An evening walk with Mac on the trail of different Stones and Building Materials had a very good turnout and was very enjoyable. Thank you Mac and Liz.
Wed. evening, May 25th

A last visit to Judkin Quarry had a very good turnout on both days and thanks to Mike proved very interesting and educational. Thanks Mike.
Sat./Sun. June 11/12th

Blockley Brick Pit had a good turnout from three groups - our own group, the Warwick group, and the Essex group. Lots of fossils were collected. Muddy, but good fun. Thanks Pete
Sun. July 24th

Helen Boynton led a walk through Bradgate Park. The turnout was good, and it was an interesting and informative afternoon. Thank you Helen.
Sat. afternoon, 13th Aug

Diary of Field Meetings to hand Summer 1995

April 9th (Sun) Bishops Bowl Quarries, nr. Bishops Itchington.	<i>Warks GCG</i>
22nd (Sat) Wenlock Edge	<i>East Mid GS</i>
27th (Thurs) Ketton Quarry	<i>Stamford & D GS</i>
30th (Sun) Bantycocock & Staple Quarries (Newark)	<i>Lit & Phil (C)</i>
May 18th (Thurs) Deeping St James	<i>Stamford & D GS</i>
20th (Sat) Geophysics 'hands on', Oadby	<i>Lit & Phil (C)</i>
21st (Sun) Knaresborough	<i>East Mid GS</i>
Cheltenham	<i>Warks GCG</i>
June 3rd (Sat) Hunstanton	<i>Stamford & D GS</i>
14th (Wed) Nottingham City	<i>East Mid GS</i>
21st (Wed) Fenny Compton	<i>Warks GCG</i>
24th (Sat) Barrow-on-Soar (Mine)	<i>Lit & Phil (C)</i>
July 1st (Sat) Peterborough, Whittlesey	<i>Stamford & D GS</i>
12th (Wed) Bubbenhall	<i>Warks GCG</i>
16th (Sun) Cotswolds	<i>East Mid GS</i>
August 13th (Sun) Morton-in-Marsh	<i>Warks GCG</i>
20th (Sun) Blockley	<i>Lit & Phil (C)</i>
Sept 3rd (Sun) Buddenwood Quarry, Mountsorrel	<i>Lit & Phil (C)</i>
Brick Pits (to be confirmed)	<i>Warks GCG</i>
24th (Sun) Nuneaton	<i>Warks GCG</i>
29th - Oct 1st Norfolk Coast (Weekend)	<i>East Mid GS</i>

Please see separate listings for more details.

Geology Section

Leicester Literary & Philosophical Society

Chairman: Dr M.J. Le Bas Field Secretary: Pete Blake

Programme of field outings for summer 1995

- April 30th, Sunday** Bantycocock and Staple Quarries, south of Newark. U Triassic shales and bone-bearing sands and silts with a rich vertebrate fauna (dinosaurs, reptiles, fish). Meet at 1100 hrs opposite Bantycocock Pit works entrance. Grid Ref: SK 811502
Leader: Mr Andy Swift
- May 20th, Saturday** Geophysics 'hands-on' 1400-1700 hrs, Manor Rd, Oadby. Finding buried materials (treasure?) with electronic detectors. Meeting point - Grid Ref: SK 625015
Leader: Dr Ian Hill
- June 24th, Saturday** British Gypsum Mine, Barrow-on-Soar. Cost £1.50 per person. Evaporites and Keuper Marls of the Triassic Zechstein Sea. To book and for further details please contact Graham Stocks Ph. 01509 415186. Limited number of places. Meet near road to mine, SK 590180 approx.
Leader: Graham Stocks
- August 20th, Sunday** Northcot Quarry, Blockley. Upper Clays and Lower Lias. Fossils: abundant ammonites (both sexes) and lamellibranchs also gastropods, brachiopods and echinoderms, minerals. Meet 1100 hrs Quarry car park, SP 183369
Leader: Pete Blake
- September 3rd, Sunday** Buddenwood Quarry, Mountsorrel. Aggregates Granite (452 Ma), aplite, basic dyke, pegmatite. Meet 1100 hrs Main car park. SK 571152
Leader: Dr Gill Weightman

Hard hats and boots required in all quarries. For further information contact Pete Blake (01788 550965)

Warwickshire Geological Conservation Group

Martyn Bradley
0926-428835

PROGRAMME of MEETINGS for 1995

- Sunday APRIL 9th 11am at Bishops Bowl Quarries. Field Trip with Martyn Bradley of Warwick University. Meet in car park off B4451, 1km. North of Bishops Itchington. Map Ref. SP 388 588 OS 1:50,000 Map No.151
- Sunday MAY 21st 11am at Leckhampton Hill, Cheltenham. Map Ref. SO 947 185 OS Map No.163 Field Trip with Martyn Bradley. To arrange car sharing, ring him on 01203 523899 or 01926 428835
- Wednesday JUNE 21st 7pm at Church Quarry, Fenny Compton. Map Ref SP 415 508 OS Map No.151 Field Trip with John Crossing
- Wednesday JULY 12th 7pm at Waverley Wood Pit, Bubbenhall. Map Ref SP 357 715 OS Map No.140 Field Trip with Dr. David Keen.
- Sunday AUGUST 13th 11am at Blockley Pit, Moreton-in-Marsh. Map Ref SP 182 369 OS Map No.151 Field Trip
- Sunday SEPTEMBER 3rd 11am at Averill &/or Baggeridge Brick Pits?, Ref SP 221 996 OS Map No.139. Field Trip - To be confirmed.
- Sunday SEPTEMBER 24th 10.30am at Jees Quarry, Nuneaton. Map Ref. SP 333 940 OS 1:50,000 Map No.140 Field Trip with Paul Brewer, Tarmac geologist.

VISITORS are welcome at all meetings and field trips, but are expected to make a donation of £1.00 per person per visit to help cover costs.

STAMFORD AND DISTRICT GEOLOGICAL SOCIETY

Field Sec. Peter Green 6, Washdyke Lane, Leasingham. NG34 8LT
Tel. 01529 306070

FIELD PROGRAMME 1995

- 27 APRIL Evening visit to Ketton Quarry
Leader Alan Dawn
Meet 7 pm at junction Pitt Lane / A 6121 GR 984051
- 18 MAY Evening visit to Deeping St. James Welland Bank
Gravel pit.
Leader Alan Dawn, John Aram
Meet 7 pm at pit entrance on B 1166 GR 188084
- 3 JUNE Day excursion to Hunstanton area
Leader Alan Dawn
Meet 10 am at Cliff top car park east end of town
- 1 JULY Peterborough Museum and Orton brickpit
Leader Alan Dawn
Joint meeting Kent Geological Society
Meet 10-00 - Kings Dyke - Main Office block
Whittlesey -

EAST MIDLANDS GEOLOGICAL SOCIETY

Field Trip Programme 1995

- April 22nd
Silurian geology of the Wenlock Edge area.
Leader: Dick Aldridge
(University of Leicester)
- May 21st
Geology of Knaresborough Gorge.
Leader: Tony Cooper
(British Geological Survey)
- June 14th
Evening walk - Nottingham City Centre Building Stones.
Leaders: Albert Horton
(British Geological Survey)
Ian Sutton
(University of Nottingham)
- June 28th
Evening visit to Ketton Quarries near Stamford.
Leader: Alan Dawn
(Stamford Geological Society)
- July 16th
Day excursion to the Cotswolds.
Leaders: Mike Sumbler
(British Geological Survey)
Mark Barron
(British Geological Survey)
- September 29th - October 1st
Weekend trip to the north Norfolk Coast.
Leader: Martin Warren
(Curator - Cromer Museum)

Non-members may join excursions on a temporary membership basis

*All enquiries and bookings please contact
Dr Ian Sutton (tel: 0115 951 6515)*

LEICESTER LITERARY & PHILOSOPHICAL SOCIETY

GEOLOGY SECTION

Committee 1994/5

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Longdon, Tewkesbury, Glos.

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Leicester LE1 7RH
Tel: 2523647

Vice Chair: John Martin
Leicester Museum & Art Gall
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Tel: 2554100

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Leicester
Leicester LE2 8PX

Dr Jeremy Richards
Geology Dept
University of Leicester
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Student Rep:
to be nominated by SBGS

Co-opted: Dr Trevor Ford
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