

**BELFAST
GEOLOGISTS' SOCIETY**

President:
SAMUEL GIBSON.

Vice-Presidents:
Professor J. K. CHARLESWORTH
Professor A. WILLIAMS
A. FOWLER, M.A., B.Sc.
H. E. WILSON, M.Sc.
J. A. ROBBIE, B.Sc.
J. PRESTON, B.Sc.
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J. POLLOCK.

Vice-Chairman:
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Hon. Secretary and Hon. Treasurer:
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"Shanvarna," 5 Gibson Park Avenue,
Belfast.

Librarian:
J. DOUGHERTY.

Members of Committee:
Mrs. P. A. BLACK
Miss A. D. WHEATLEY, B.A.
R. P. WHEATLEY.
J. W. WRIGHT.

**BELFAST GEOLOGISTS'
SOCIETY**

**WINTER
PROGRAMME**

for 1954-55

The Meetings are held
on Saturday evenings
during the winter in

THE
PRESBYTERIAN HOSTEL
HOWARD STREET
at 7.30 p.m.

BELFAST GEOLOGISTS' SOCIETY
1954-55

Winter Session Lectures

Meetings will be held on Saturdays in
The Presbyterian Hostel, Howard Street,
at 7.30 p.m.

November 13:—

FIELD EXHIBITION, at 8 p.m.

November 27:—

"Bogs"—**J. Dougherty.** "River
Profiles"—**P. D. Huss, B.Sc.,**
A.M.I.C.E. "Ballycastle District"
—**Pauline A. Black.**

December 11:—

"Crystals and Crystal Symmetry"
—**N. McCraith, A.M.C.T.**

January 8:—

"Interpreting the Glacial Scene"
—**H. S. Black, M.A.**

January 22:—

"Origin and Development of Soil."
—**F. Harding, M.Sc.**

February 5:—

"Limestones of the Alps"—**Dr. A.**
Schwarzacker.

February 19:—

"A Season in the Chatham Area"
—**J. A. Robbie, B.Sc.**

March 5:—

"Some Problems of Irish Geology"
—**Professor A. Williams.**

March 19:—

"Some Aspects of Geology in Fin-
land"—**J. Preston, B.Sc.**

April 2:—

"The Permian of N.E. England and
its Economics"—**A. Fowler, M.A.,**
B.Sc.

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*Belfast Geologists'
Society*

*Summer
Programme*



1955

April 16—Co. Down Coast Palaeozoics
—Ballywhiskin, Bus No. 7—Millisle
(Laganbank) 2.15 p.m.—J. Pollock.

April 23—Collin Glen—Falls Road
Trolley Bus Terminus at 2.30 p.m.
—J. A. Robbie, B.Sc.

April 30—Greencastle—Green Island—
Eagle Mt.—Private Bus 10/-, at
Technical College, at 9.30 a.m.—
—D. Alexander.

May 7—Orlock—Bangor Train, Station
Street, at 2.15 p.m.—J. Dougherty.

May 14—Slieve Gallion Region—Private
Bus 12/- at Technical College, at
9.30 a.m.—G. Barnett.

May 21—Giant's Cut and Carrickarde
—York Road Station, 8.25 a.m., to
Ballycastle—A. Fowler, M.A., B.Sc.

May 28—Cretaceous of Moira—Bus No.
51, at 2.15 p.m., from Smithfield—
P. I. Manning, B.Sc., F.G.S.

June 4—Gobbins—York Road Station,
1.30 p.m. for Whitehead—W. F.
Drennan.

June 11—Carlingford and Barnave—
Gt. Victoria St. Station, at 8.15
a.m. for Newry—J. W. Wright.

June 18—Coalpit Bay—Bus No. 7 from
Laganbank at 2.15 p.m.—H. S.
Black, M.A.

June 25—Torr Head—Private Cars from
Technical College, at 9.30 a.m.—
H. E. Wilson, M.Sc.

July 2, 9, 16—Cloughfin—York Road
Station, 1.30 p.m. for Whitehead—
J. Pollock.

July 23—Slieve Croob Region—Bus No.
18 from Ormeau Avenue, at 1.15
p.m.—Dr. J. Preston.

July 30—Sale's Corner—Bus No. 105
from Smithfield, at 1.30 p.m.—
Miss A. D. Wheatley, B.A.

Sept. 3—Conlig—Bus No. 5 from
Oxford St., at 2.30 p.m.—S. Gibson.

Sept. 10—Murlough Bay—York Road
Station at 8.25 a.m., for Ballycastle
Prof. J. K. Charlesworth.

Sept. 17—Cultra—Station Street for
2.15 p.m. train—P. D. Huss, B.Sc.

Sept. 24—Tardree—Bus No. 149 from
Smithfield, at 1.30 p.m.—R. P.
Wheatley.

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**BELFAST GEOLOGISTS'
SOCIETY**

**W I N T E R
P R O G R A M M E**
for 1955-56

The Meetings are held
on Thursday evenings
during the winter in

**THE LECTURE THEATRE
DEPARTMENT OF GEOLOGY
QUEEN'S UNIVERSITY**
at 8 p.m.

BELFAST GEOLOGISTS' SOCIETY
1955-56

Winter Session Lectures

Meetings will be held on Thursdays in
The Lecture Theatre, Department of
Geology, Queen's University, at 8 p.m.

October 13:—

ANNUAL GENERAL MEETING.

October 27:—

Summer Highlights—Illustrated.

November 10:—

Field Exhibition.

November 24:—

Some Aspects of the Geology of
Holland—Professor A. Williams.

December 8:—

Soil Mechanics—H. E. Wilson,
M.Sc.

January 5:—

Caledonian Igneous Activity in South
Co. Dublin—N. S. Angus, B.Sc.

January 19:—

Chemical and Geological Study of the
Carbonates—N. McCraith, A.M.C.T.

February 2:—

Pre Cambrian Volcanoes—Dr. J.
Preston.

February 16:—

Lower Palaeozoics of Slieve
Bernagh, Co. Clare—A. Weir, B.Sc.,
and Rocks of Tourmakeady, Co.
Mayo—J. Stewart, B.Sc.

March 1:—

Carboniferous Limestone of the
Ballina Syncline—G. Bowes, B.Sc.

March 15:—8¹¹

Age of Reptiles—R. E. H. Reid, B.Sc.

March 29:—

5th Dinner

Overflow Channels—H. S. Black, M.A.

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H. E. WILSON, M.Sc.

**BELFAST GEOLOGISTS'
SOCIETY**

**SUMMER
PROGRAMME**

for 1956

The main Excursions are listed with their Conductors.

The Cloughfin working party will meet at York Road Station for the 1.30 p.m. train to Whitehead.

Other Excursions are listed for the convenience of members and are of an exploratory nature.

BELFAST GEOLOGISTS' SOCIETY

Summer Programme

- April 7:—
Scrabo—Meet at Oxford Street for the 2-15 p.m. bus, No. 5, to Newtownards.
- April 14:—
Yate's Corner—Meet at Ormeau Avenue for the 2-30 p.m. bus to Saintfield, No. 15.
- April 21:—
Cloughfin.
- April 28:—
SLIEVE GULLION and its RING DYKE—J. A. Robbie, B.Sc. Bus departs from front of Technical College at 9-30 a.m. Fare 11/6.
- May 5:—
Pomeroy—Private Cars.
- May 12:—
LAGANVALE BRICK WORKS—P. I. Manning, B.Sc., F.G.S. Meet at Stranmillis terminus at 2-30 p.m.
- May 19:—
BALLYCASTLE and the GIANT'S CUT—A. Fowler, M.A., B.Sc. Meet at York Road Station for the 8-25 a.m. train for Ballycastle.
- May 26:—
Cloughfin.
- June 2:—
Copeland Island—Meet at Laganbank for the 1-45 p.m. bus, No. 7, for Donaghadee.
- June 9:—
WATERLOO FORESHORE—H. S. Black, M.A. Meet at York Road Station for the 2 p.m. train to Larne.
- June 16:—
LOUGH FEA and OWENREAGH—Fare 14/—G. Barnett and Dr. J. Preston. Bus departs from front of Technical College at 9-30 a.m.

- June 23:—
COALPIT BAY—J. Pollock. Meet at Laganbank for the 1-45 p.m. bus, No. 7, for Donaghadee.
- June 30:—
Scawt Hill—Meet at York Road Station for the 2 p.m. train to Larne.
- July 7:—
Cloughfin.
- September 1:—
BARNEY'S POINT—W. F. Drennan. Meet at York Road Station for the 1-30 p.m. train to Whitehead.
- September 8:—
Cloughfin.
- September 15:—
BALLYCASTLE and CARRICK-AREDE—Professor J. K. Charlesworth. Meet at York Road Station for the 8-25 a.m. train for Ballycastle.
- September 22:—
Carnearny—Meet at York Road Station for the 2-40 p.m. train to Antrim.
- September 29:—
Slieve Gallion—Meet at Smithfield Depot for the 8 a.m. bus, No. 110, to Moneymore.
- October 6:—
Cloughfin.
- October 13:—
Craigahulliar and Portrush—Meet at York Road Station for the 8-25 a.m. train to Portrush.
- October 20:—
HELEN'S BAY—P. D. Huss, B.Sc., A.M.I.C.E. Meet at Station Street for the 2-15 p.m. train to Bangor.
- October 27:—
Whitehead—Meet at York Road Station for the 2-30 p.m. train to Whitehead.

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H. E. WILSON, M.Sc.

**BELFAST GEOLOGISTS'
SOCIETY**

**WINTER
PROGRAMME**

for 1957

**The Meetings are held
on Thursday evenings
during the winter in**

**The Lecture Theatre,
Department of Geology,
Queen's University
at 8 p.m.**

BELFAST GEOLOGISTS' SOCIETY

1956-57

Winter Session Lectures

Meetings will be held on Thursdays in the Lecture Theatre, Department of Geology, Queen's University, at 8 p.m.

October 18:—

SUMMER HIGHLIGHTS.

Illustrated.

November 8:—

ANNUAL GENERAL MEETING.

November 22:—

FIELD SKETCHES AND PANORAMA DRAWING.

P. S. Rhodes, A.M.I.Struct.E.

December 6:—

FIELD EXHIBITION,

December 20:—

ON THE CLASSIFICATION AND COMPOSITION OF THE IGNEOUS ROCKS.

N. McCraith, A.M.C.T.

January 10:—

THE GEOLOGIST AT WAR.

P. I. Manning, B.Sc., F.G.S.

January 24:—

THE GEOLOGY OF THE CRUSHEEN DISTRICT OF CO. CLARE.

A. E. Griffith, B.Sc.

Feb. 7 ^{REH REID,}
the Age of Mammals.

February 21:—

SOME ASPECTS OF THE GEOLOGY OF THE GIRVAN AREA, SCOTLAND.

Professor Alwyn Williams.

March 7:—

CLIMATE IN PAST AGES.

Professor J. K. Charlesworth.

March 21:—

DEFORMATION IN CRYSTALS AND ROCKS.

Dr. J. Preston.

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J. A. ROBBIE, B.Sc.

49B
**BELFAST GEOLOGISTS'
SOCIETY**

**SUMMER
PROGRAMME**

1957

Excursions without conductors
are listed for the convenience
of Members and are of an
exploratory nature

SUMMER PROGRAMME

April 6:—

DRUMBO GLENS—J. Pollock.
Meet at Ormeau Avenue for the
2.45 p.m. bus No. 13.

April 27:—

SILENT VALLEY—J. W. Wright
and H. S. Black, M.A.
Private bus departs from front of
Technical College at 9.30 a.m.
Cost, 12/6.

May 4:—

STRANGFORD
Meet at Ormeau Avenue for the
1.15 p.m. bus No. 15 to Down-
patrick.

May 11:—

SCAWT HILL—N. S. Angus, B.Sc.
Meet at York Road Station for the
2 p.m. train to Larne.

May 18:—

SLIEVE CROOB
Meet at Ormeau Avenue for the
1.15 p.m. bus No. 18 to
Castlewellan.

June 1:—

**ANTRIM COAST AND CUSHEN-
DALL**—H. E. Wilson, M.Sc.
Private bus departs from front of
Technical College at 9.30 a.m.
Cost, 16/-

June 15:—

ARMOY — GLENSHESK—Prof. J.
K. Charlesworth.
Meet at York Road Station for the
8.25 a.m. train to Ballycastle.

June 22:—

THE TARDREE REGION—N.
McCraith A.M.C.T.
Meet at York Road Station for the
2.40 p.m. train to Antrim.

September 14:—

BROWN'S BAY AND PORTMUCK
—J. Dougherty.
Meet at York Road Station for the
10 a.m. train to Whitehead.

September, 21:—

CONLIG LEAD MINES DISTRICT
—P. S. Rhodes, A.M.I.Struct.E.
Meet at Laganbank for the 2.15
p.m. bus No. 7.

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Dr. W. SCHWARZACHER

J. A. WEIR, B.Sc.

**BELFAST GEOLOGISTS'
SOCIETY**

**WINTER
PROGRAMME**
for 1957-58

The Meetings are held on
Thursday evenings during the
winter in

THE LECTURE THEATRE
DEPARTMENT OF GEOLOGY
QUEEN'S UNIVERSITY
at 8 p.m.

WINTER SESSION LECTURES

Meetings will be held on Thursdays in the Lecture Theatre, Department of Geology, Queen's University, at 8 p.m.

October 24:—

ANNUAL GENERAL MEETING.

November 7:—

FIELD EXHIBITION.

November 21:—

SUMMER HIGHLIGHTS.

December 5:—

GEOLOGICAL INVESTIGATION
IN SPITZBERGEN.

Part 1—Dr. W. Schwarzacher.

December 19:—

Part II—Dr. J. Preston.

January 16:—

THE PEAK DISTRICT—

P. D. Huss, B.Sc., A.M.I.C.E.

A RECENT EXPLANATION OF
THE ICE AGE—

N. McCraith, A.M.C.T.

DRUMLINS—J. Pollock.

January 30:—

THE GEOLOGY OF THE PORTA-
FERRY AND STRANGFORD

AREAS—T. B. Anderson, B.Sc.;

D. E. B. Bates, B.Sc.;

R. S. Hamilton, B.Sc.

February 13:—

GEOLOGY OF BUILDING
MATERIALS—P. S. Rhodes,
A.M.I.Struct.E., F.G.S.

February 27:—

RECENT RESEARCH ON THE
TYRONE IGNEOUS SERIES—
N. S. Angus, B.Sc.

March 13:—

FILMS.

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**BELFAST GEOLOGISTS'
SOCIETY**

**S U M M E R
P R O G R A M M E**

1958

Excursions with no conductor
listed are of an exploratory
nature.

SUMMER PROGRAMME

April 19:—

CARRYDUFF—J. Pollock.
Meet at Ormeau Avenue for the
2.45 p.m. bus No. 14.

April 26:—

HARE'S GAP TO NEWCASTLE—
P. D. Huss, B.Sc., and H. S.
Black, M.A.
Private bus departs from front of
Technical College at 9.30 a.m.
Cost, 10/-.

May 3:—

SLIEVE CROOB—Dr. J. Preston.
Cars depart from front of Technical
College at 2.30 p.m.

May 10:—

CARBONIFEROUS SUCCESSION
IN EAST TYRONE—J. A.
Robbie, B.Sc.
Cars depart from front of Technical
College at 9.30 a.m.

May 17:—

DUNGIVEN AREA — Benbradagh
and Donald's Hill—Dr. J. Preston.
Cars depart from front of Technical
College at 9.30 a.m.

May 31:—

WATERLOO — LARNE FORE-
SHORE.
Meet at York Road-Station for the
2 p.m. train to Larne.

June 7:—

CUSHENDALL AND THE GLENS
—Professor J. K. Charlesworth,
C.B.E.
Cars depart from front of Technical
College at 9.30 a.m.

June 14:—

SLEMISH—Dr. J. Preston.
Cars depart from front of Technical
College at 2.30 p.m.

June 21:—

PORTRUSH—H. E. Wilson, M.Sc.
Meet at York Road Station for the
8.25 a.m. train to Portrush.

September 6:—

BARNEY'S POINT — ISLAND-
MAGEE—J. Dougherty.
Meet at York Road Station for the
1.30 p.m. train to Whitehead.

September 13:—

BALLAGH DYKE SWARM
Cars depart from front of Technical
College at 9.30 a.m.

September 20:—

SCRABO
Meet at Laganbank Road for the
2.30 p.m. bus No. 5 to Newtown-
ards.

September 27:—

SIXTOWNS DISTRICT — G.
Barnett.
Cars depart from front of Technical
College at 9.30 a.m.

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Dr. W. SCHWARZACHER

J. DOUGHERTY

J. A. BOBBIE, B.Sc.

D. E. R. BATES, B.Sc.

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**WINTER
PROGRAMME**

for 1958-59

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**WINTER SESSION LECTURES,
1958-59.**

Meetings will be held on Thursdays in the Lecture Theatre, Department of Geology, Queen's University, at 8 p.m.

October 16:—

ANNUAL GENERAL MEETING.

November 6:—

FIELD EXHIBITION.

November 20:—

**GENERAL SYMPOSIUM ON
CHARLES DARWIN.**

Introduced by the President.

December 4:—

**THE EDGE OF THE SEA—Dr. A.
Scott.**

December 18:—

SUMMER HIGHLIGHTS.

January 15:—

SLEMISH—Dr. J. Preston.

January 29:—

**THE LOWER PALAEOZOIC
ROCKS OF ANGLESEY—D. E.
B. Bates, B.Sc.**

**THE GEOLOGY OF THE BAL-
BRIGGAN AREA—R. R.
Harding, B.Sc.**

February 12:—

**THE STRUCTURAL GEOLOGY
OF THE GIRVAN AREA—
Professor Alwyn Williams.**

February 26:—

**THE AGE AND ORIGIN OF THE
LOUGH NEAGH CLAYS—J. A.
Robbie, B.Sc.**

March 12:—

**THE ALPINE LANDSCAPE—H.
S. Black, M.A.**

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Professor J. K. CHARLESWORTH, C.B.E.

F. HARDING, M.Sc.

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Dr. W. SCHWARZACHER

**BELFAST GEOLOGISTS'
SOCIETY**

**SUMMER
PROGRAMME**

1959

SUMMER PROGRAMME

April 18:—

COLLIN GLEN—

R. E. H. Reid, B.Sc.

Meet at Glen Road bus terminus at
2.30 p.m.

April 25:—

HELEN'S BAY—CULTRA FORE- SHORE—

P. D. Huss, B.Sc., A.M.I.C.E.

Meet at Queen's Quay Station for
the 2.20 p.m. train to Helen's
Bay.

May 2:—

MOURNE MOUNTAINS—

H. S. Black, M.A.

Private bus departs from front of
Technical College at 9.30 a.m.

May 16:—

GIANTS' CAUSEWAY—

H. E. Wilson, M.Sc.

Meet at York Road Station for the
8.35 a.m. train to Portrush.

May 23:—

SIXMILEWATER VALLEY—

N. McCraith, A.M.C.T.

Private cars depart from front of
Technical College at 2 p.m.

June 6:—

WATERLOO FORESHORE—

H. S. Black, M.A.

Meet at York Road Station for the
2 p.m. train to Larne.

June 13:—

CUSHENDALL REGION—

Prof. J. K. Charlesworth, C.B.E.

Private cars depart from front of
Technical College at 9.30 a.m.

June 20:—

ARDGLASS FORESHORE—

R. E. H. Reid, B.Sc.

Private cars depart from front of
Technical College at 2 p.m.

September 12:—

CARLINGFORD REGION—

Dr. J. Preston.

Private cars depart from front of
Technical College at 9.30 a.m.

September 26:—

STRANGFORD REGION—

D. E. B. Bates, B.Sc.

Private cars depart from front of
Technical College at 2 p.m.