

NOTICES OF MEMOIRS, ETC.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.
SEVENTY-FIFTH ANNUAL MEETING, HELD IN SOUTH AFRICA,
AT CAPE TOWN AND JOHANNESBURG, AUGUST 15TH TO
SEPTEMBER 1ST, 1905.

LIST OF PAPERS READ IN SECTION C, GEOLOGY.

Professor H. A. MIERS, M.A., D.Sc., F.R.S., F.G.S., President.

Read at Cape Town, August 16th to 18th.

A. W. Rogers.—Lecture on the Outlines of the Geology of Cape Colony.

Professor W. J. Sollas.—The Continent of Africa in relation to the Physical History of the Earth.

Professor R. Broom.—The Classification of the Karroo Beds of South Africa.

J. Lomas.—Report of the Committee on the Fauna and Flora of the Trias of the British Isles.

P. F. Kendall.—Report of the Committee on Erratic Blocks of the British Isles.

A. R. Dwerryhouse.—Report of the Committee on the Underground Waters of North-West Yorkshire.

Dr. Wheelton Hind.—Report of the Committee on Life-zones in the British Carboniferous Rocks.

H. C. Schunke-Hollway.—The Physical Geography of Cape Colony.

A. W. Rogers.—Glacial Periods in South Africa.

Professor A. Penck.—Changes of Climate as shown by Movements of the Snow-line and Upper Tree-Limit since Tertiary Times.

Professor W. M. Davis.—The Sculpture of Mountains by Glaciers.

B. N. Rudmose Brown.—The Scottish Antarctic Expedition's Visit to Diego Alvarez or Gough Island.

Professor A. Young.—On a Subterranean Tide in the Karroo.

A. L. du Toit.—The Stormberg Formation in Cape Colony.

J. Milne.—Recent Advances in Seismology.

H. T. Ferrar.—On the Geology of South Victoria Land.

E. H. L. Schwarz.—Baviaan's Kloof: a Contribution to the Study of Mountain Folds.

J. W. Stather.—Report of the Committee on the Fossiliferous Drift-Deposits at Kirmington, Lincolnshire.

Read at Johannesburg, August 29th to September 1st.

PRESIDENT'S ADDRESS. (See *GEOL. MAG.*, pp. 417, 473, 519.)

Professor J. W. Gregory.—On the Rhodesian Banket.

Professor J. W. Gregory.—The Indicators of the Goldfield of Ballarat: a Study in the Distribution of Gold Pockets.

Professor R. Beck.—On the Relation between Ore Veins and Pegmatites.

Dr. A. P. Coleman.—Magmatic Segregation of Sulphide Ores.

Professor G. A. J. Cole.—Marginal Phenomena of Granite Domes.

H. S. Harger.—The Diamond Pipes and Fissures of South Africa.

- F. P. Mennell.**—Relation of the Igneous Rocks to the Crystalline Schists.
- G. W. Lamplugh, F.R.S.**—Report on the Batoka Gorge of the Zambesi, and the Surrounding Country between the Victoria Falls and the Confluence with the Deka River. (See p. 529.)
- Professor A. Penck.**—Glacial Deposits of the Alps.
- H. Kynaston.**—Recent Work of the Transvaal Geological Survey.
- Dr. F. H. Hatch.**—The Correlation between the Pre-Karoo Rocks of the Transvaal and those of Cape Colony.
- Dr. F. H. Hatch.**—On an Instrument for Surveying Boreholes.
- W. Anderson.**—On the occurrence of Fossiliferous Rocks of Tertiary Age in Natal and Zululand.
- S. S. Dornan.**—The Geology of Basutoland.
- C. Baring-Horwood.**—The Dolomite Formation of the Transvaal.
- W. Anderson.**—On the occurrence of Fossiliferous Rocks of Tertiary Age in Natal and Zululand.
- E. T. Mellor.**—Evidences in the Transvaal of Glacial Conditions in Permo-Carboniferous Times.
- G. W. Lamplugh, F.R.S.**—Note on the occurrence of Dwyka Conglomerate at Kimberley Mine.
- H. S. Harger.**—The Diamond Pipes and Fissures of South Africa.
- Dr. J. T. Carrick.**—Geology of the West Rand.
- F. P. Mennell.**—Relation of the Igneous Rocks to the Crystalline Schists.
- E. Heneage.**—A Consideration of the Archæan Period of North America and South Africa, with reference to Mineral Occurrences. Photographs of Russian fossil reptiles, lent by Professor Amalitzky, of Warsaw, were on exhibition in the Committee-room of Section C. The following is a list of the titles of papers bearing upon Geology which were read in other Sections of the British Association in South Africa:—
- SECTION A.—MATHEMATICAL AND PHYSICAL SCIENCE (Aug. 30th).
- Professor J. Milne, F.R.S.**—Report of the Seismological Committee.
- Professor J. Milne, F.R.S.**—Recent Advance in Seismology.
- SECTION B.—CHEMISTRY.
- Professor P. Hahn.**—A South African Mineral Spring.
- SECTION D.—BIOLOGY (ZOOLOGY).
- Report of the Committee on the *Index Animalium*.
- Professor R. Broom.**—On the Origin of Mammals.
- Professor W. B. Scott.**—Convergent Evolution as illustrated by the Litopterna—a group of fossil Ungulata in Patagonia.
- SECTION D.—BIOLOGY (BOTANY).
- A. C. Seward, F.R.S.**—The Fossil Floras of South Africa.
- SECTION H.—ANTHROPOLOGY.
- Report of Committee on Lake-Village of Glastonbury, Somerset.
- J. P. Johnson.**—Stone Implements in South Africa.