MINERALOGICAL SOCIETY

(Instituted February 3, 1876)

BYE-LAWS 1

- 1. The object of the Mineralogical Society of Great Britain and Ireland, with which the Crystallological Society was amalgamated on December 11, 1883, shall be to advance the knowledge of Mineralogy and also of Crystallography and Petrology.
- 2. The Society shall consist of Ordinary Members and Honorary Members.

ORDINARY MEMBERS.

- 3. Every candidate for Ordinary Membership shall be proposed by two Ordinary Members, one, at least, of whom shall have personal knowledge of the candidate.
- 4. Elections to Ordinary Membership shall be made by the Council, and shall be confirmed at the ensuing General Meeting by a majority consisting of three-fourths of the Members present and voting.
- 5. Ordinary Members shall pay an entrance fee of one guinea and an annual subscription of one guinea. They shall be entitled to compound for the annual subscription by a single payment of fifteen guineas, but Members who have paid their annual subscriptions for twenty years shall be entitled to compound for ten guineas.
- 6. Annual subscriptions shall be due on the first of January of each year, but Members elected after the first of October shall not be required to pay a subscription for the then current year.
- 7. No person elected an Ordinary Member of the Society shall be entitled to any of the privileges of Membership until he shall have paid his entrance fee and first annual subscription; and unless these be received within four calendar months of the date of his election, or within such further time as the Council may determine, the election of such person shall be void.
- 8. At the first Meeting of the Council in each calendar year the name of any Ordinary Member who is in default with his annual subscription for the preceding year shall be brought before the

¹ Revised at the Anniversary Meeting of November 3, 1931.

Council, and an intimation that this action has been taken shall be communicated to the Member in writing at his last known address. If at the first meeting in the next ensuing year the Member be still in default and the default be for the two preceding years the Council shall be empowered to erase his name from the list of Members.

HONORARY MEMBERS.

- 9. Ten persons, non-resident in Great Britain or Ireland, may be elected Honorary Members. They shall pay neither entrance fee nor annual subscription. They shall not be entitled to vote on any question relating to the management or business of the Society, nor to serve on the Council of the Society, nor to fill any Office in the Society, but subject to these restrictions shall be entitled to every other privilege accorded to Ordinary Members.
- 10. Every candidate for Honorary Membership shall be proposed by two Members of the Council, and the election shall be by the Council, and shall be confirmed at the ensuing General Meeting by a majority consisting of three-fourths of the Members present and voting.

COUNCIL.

- 11. The Society shall be governed by a Council, consisting of a President, two Vice-Presidents, a General Secretary, a Foreign Secretary, a Treasurer, an Editor of the Journal, the Trustees of the Society, and twelve Ordinary Members.
- 12. All Members of the Society who have served the office of President shall be Life-Members of the Council.
- 13. The Council shall be elected annually at the Anniversary Meeting.
- 14. Four Ordinary Members of Council shall retire annually, and shall not be eligible for re-election until the next Anniversary Meeting.
- 15. The Council shall prepare a list of Members nominated for election as Officers and Ordinary Members of Council.
- 16. The election of Council shall be effected by the agency of voting papers containing the list nominated by the Council. They shall be sent by the General Secretary, at least four weeks before the Anniversary Meeting, to every Ordinary Member of the Society, and every

such Member shall be entitled to substitute the names of any other Ordinary Members of the Society for those on the list.

- 17. The voting papers shall be returned by the Members to the General Secretary, and shall be examined at the Anniversary Meeting by two Scrutineers appointed by the Chairman, who shall on their report declare the result of the election. The voting papers need not be signed.
- 18. The Council shall have power to appoint Officers, and to co-opt Ordinary Members of Council, to fill vacancies in the Council caused by death or resignation during the interval between two Anniversary Meetings.
- 19. Meetings of the Council shall be summoned by the General Secretary at the order of the President or of not fewer than three Members of the Council; at such meetings six shall be a quorum, of whom one shall be either the President, a Vice-President, the Treasurer, or the General Secretary.
- 20. A Report of Council on the work and progress of the Society shall be submitted to each Anniversary Meeting.

PROPERTY AND TRUSTEES.

- 21. Two or more Trustees shall be appointed by the Council from amongst the Members of the Society, and the invested property of the Society shall stand in their names.
- 22. The Council may from time to time make such purchases of books or other movable effects as they may consider to be required for the furtherance of the objects of the Society and the conduct of its business. They may also dispose of such effects by sale, if not required, provided that no instruction to sell at any one time effects the total value of which exceeds the sum of fifty pounds shall be valid unless endorsed by a resolution passed at a General Meeting of the Society.
- 23. The Council may authorize the investment of money and the sale of investments. A copy of a resolution of the Council authorizing the sale or purchase of investments, certified by the Chairman of the meeting at which it was passed, shall be sufficient authority to the Trustees to give effect to such resolution.
- 24. Composition fees shall be treated as Capital, and all moneys so received and all other moneys the investment of which has been authorized by the Council shall be invested in such stock or security

as the Council may select from amongst the stocks and securities authorized by Law for the investment of trust moneys.

- 25. No Member of the Society is or shall be entitled to any distinct or separate share in the estate, revenue, or effects of the Society, and the Society shall not and may not make any dividend, gift, division, or bonus in money unto or between any of its Members, provided that nothing herein shall prevent the payment in good faith of reasonable and proper remuneration, or of an honorarium in lieu thereof, to any Member of the Society, in return for services rendered to the Society, nor prevent the distribution of copies of the publications of the Society gratis among the Members of the Society.
- 26. In the event of a dissolution of the Society its property and effects (whether funded or otherwise) shall be disposed of by gift to such other Societies or Institutions or in such other manner as may be decided by the vote of a majority of at least three-fourths of those present and voting at a General Meeting of the Society summoned with notice of the proposed disposal, provided that no individual Members shall benefit thereby, and that such gift or other disposal shall be for the benefit of Mineralogy or its allied Sciences.

MEETINGS.

27. General Meetings of the Society shall be summoned from time to time as may be deemed necessary by the Council, or on the requisition of any ten Members of the Society. One of these meetings in each year shall be termed the Anniversary Meeting. Any meeting of the Society summoned for the purpose of considering special matters relating to the business of the Society shall be termed a Special General Meeting, and the summons thereto shall contain the resolutions or other matter to be considered, and shall be issued to the Members not less than four weeks before the date fixed for the Meeting.

JOURNAL.

28. The Numbers of the Mineralogical Magazine and Journal of the Society shall be issued at such intervals as the Council shall determine, and shall be sent, postage paid, to every Member of the Society, other than annual subscribers who are in default with their annual subscriptions for the preceding calendar year.

AUDITORS AND BALANCE SHEET.

- 29. One Member of the Council and one Ordinary Member of the Society, who is not a Member of the Council, shall be appointed annually by the Council to audit the accounts of the Society.
 - 30. No auditor shall serve for more than three years in succession.
- 31. The audited Balance Sheet, after submission to the Council, shall be published in the Journal of the Society as early as possible in every year.

EXPULSION OF MEMBERS.

32. A majority consisting of three-fourths of the whole Council shall have power to expel a Member from the Society, but a Member who has been expelled shall have a right of appeal to the Society. Notice of such appeal to the Society shall be sent by such Member to the General Secretary within four weeks of the expulsion, and the appeal shall be considered by the Society at the next Anniversary Meeting or at a Special General Meeting; a majority of the votes recorded at such Meeting sufficing to confirm or annul the decision of the Council.

ALTERATION OF THE BYE-LAWS.

33. The Bye-laws may be altered only at an Anniversary Meeting or at a Special General Meeting duly summoned for the purpose of considering the proposed alterations, and only by a majority consisting of three-fourths of the Members present and voting. Notice of changes proposed to be made in the Bye-laws shall be communicated by the General Secretary to every Ordinary Member of the Society at least four weeks before the Anniversary Meeting or the Special General Meeting summoned for the purpose of their consideration.

OBLIGATION BOOK.

34. Ordinary Members, by payment of their entrance fee, signify their acceptance of any Bye-laws approved by the Society; and every Member of the Society shall sign an Obligation Book.

INTERPRETATION.

35. In the interpretation of the Bye-laws words in the masculine gender only shall include the feminine gender also.

LIST OF MEMBERS

(February, 1932)

HONORARY MEMBERS

- 1926 Brauns, Reinhard, Professor of Mineralogy and Petrography in the University of Bonn, Endenicher-Allee, Bonn, Germany.
- 1895 Brögger, Waldemar Christofer. The University, Oslo, Norway.
- 1909 Cesàro, Giuseppe. Emeritus Professor of Mineralogy in the University of *Liége*, *Belgium*.
- 1897 Dana, Edward Salisbury. Yale University, New Haven, Connecticut. U.S.A.
- 1926 Duparc, Louis. Professor of Mineralogy, Petrography, and Analytical Chemistry, École de Chimie, Université de Genève, Switzerland.
- 1912 Goldschmidt, Victor. Professor of Mineralogy in the University of Heidelberg. 9 Gaisbergstrasse, Heidelberg, Germany.
- 1900 LACROIX, Antoine François Alfred. Professor of Mineralogy in the Muséum National d'Histoire Naturelle. 61 Rue de Buffon, Paris, V, France.
- 1926 RINNE, Friedrich. Honorary Professor in the University of Freiburg, Baden. Rehhagweg 21, Günterstal, Freiburg im Breisgau, Germany.
- 1913 WALLERANT, Frédéric. Professor of Mineralogy in the University, Laboratoires à la Sorbonne, Paris, France.

ORDINARY MEMBERS 1

- A Annual Subscribers.
- L Life-Members.
- C Belonged to the Crystallological Society at the time of the amalgamation of the two Societies, December 11, 1883.

- A 1931 Adams, Leason Heberling, B.S. Geophysical Laboratory, 2801 Upton Street, Washington, D.C., U.S.A.
- A 1931 Aminoff, Gregori, Professor, Mineralogiska Avdelning, Naturhistoriska Riksmuseet, Stockholm 50, Sweden.
- A 1928 Anderson, Basil William, B.Sc., F.C.S. 'Thatched Cottage', Farleigh Common, Whyteleafe, Surrey.
- L 1926 Andrew, Gerald, M.Sc., F.G.S. Dept. of Geology, Egyptian
 University of Cairo, Egypt; and 8 Calland Avenue, Hyde,
 Cheshire.
- A 1922 ARKELL, Daniel John, B.Sc. St. Edward's College, Cottonera, Malta.
- L 1900 Ashcroft, Frederick Noel, M.A., F.C.S., F.G.S., F.R.G.S. 1 Egerton Gardens, South Kensington, London, S.W. 3.
- A 1922 Balsillie, David, B.Sc., F.G.S., F.R.S.E. Dept. of Geology, Royal Scottish Museum, Edinburgh.
- A 1927 BANNISTER, Frederick Allan, M.A. Mineral Dept., British Museum of Natural History, South Kensington, London, S.W. 7; and 29 Waddon Court Road, Croydon, Surrey.
- L 1894 Barlow, William, F.R.S. 'Elm House', Stanmore, Middlesex.
- A 1913 Barreto, Dr. Antonio de Barros. Professor of Mineralogy and Geology in the Polytechnic School of São Paulo. Rua Maranhão 60, Hygienopolis, São Paulo, Brazil.
- L 1893 Barrow, George, F.G.S. Formerly of the Geological Survey of Great Britain. 202 Brecknock Road, Upper Holloway, London, N. 19.
- A 1928 Beard, Edward Harold, B.Sc. Mineral Resources Dept., Imperial Institute, South Kensington, London, S.W. 7; and 1 Dolcoath Road, Camborne, Cornwall.
- L 1922 Belaiew, Nicholas Timothy, Colonel, C.B., F.C.S., M.I.M.E. 1 Rond-Point Bugeaud, Paris, XVI, France.
 - ¹ Corrections for this List should be sent to the General Secretary.

- Year of Election.
- L 1912 Bell, Robert. 'Drumcreen', Bellevue Park, Whitewell Road, Belfast.
- L 1888 Bemrose, Henry Howe, J.P., M.A., Sc.D., F.G.S. 'Ash Tree House', Osmaston Road, Derby.
- A 1929 Bernal, John Desmond, M.A. Dept. of Mineralogy and Petrology, The University, Cambridge.
- A 1906 Blake, George Stanfield, B.Sc., A.R.S.M., F.G.S. Geological Survey of Palestine. P.O. Box 585, Jerusalem, Palestine.
- A 1929 Blight, Percy. c/o Vieille Montagne Zinc Company, Nenthead, Alston, Cumberland.
- A 1923 Blumenthal, Maurice. 558 Quincy Street, Brooklyn, New York, U.S.A.
- A 1922 Boswell, Percy George Hamnall, O.B.E., D.Sc., A.R.C.S., F.R.S. Professor of Geology, Imperial College of Science and Technology, South Kensington, London, S.W. 7.
- A 1931 Bottley, Edward Percival. 30 Church Street, Chelsea, London, S.W. 3.
- A 1927 Boubée, Nérée, Licencié-ès-Sciences. 3 Place St. Andrédes-Arts, Paris, VI, France.
- L 1927 Bowen, Norman Levi, M.A., B.Sc., Ph.D. Geophysical Laboratory, 2801 Upton Street, Washington, D.C., U.S.A.
- L 1897 Bowman, Herbert Lister, M.A., D.Sc., F.G.S., F.C.S. Professor of Mineralogy in the University of Oxford.

 Dept. of Mineralogy, University Museum, Oxford.
- A 1923 Brady, Oscar Lisle, B.A., D.Sc., D.I.C., F.I.C., F.C.S.
 Reader in Organic Chemistry, University of London,
 University College. 5 Woodside Avenue, Beaconsfield,
 Buckinghamshire.
- A 1923 Bragg, Sir William Henry, O.M., K.B.E., M.A., D.Sc., F.R.S. Director of the Royal Institution. 21 Albemarle Street, London, W. 1.
- A 1920 Bragg, William Lawrence, O.B.E., M.A., F.R.S. Professor of Physics, *The University, Manchester*.
- A 1919 Brammall, Alfred, Ph.D., D.Sc., D.I.C., F.G.S., A.I.M.M.

 Dept. of Geology, Imperial College of Science and Technology, South Kensington, London, S.W. 7.

- Year of Election.
- A 1922 Broadhead, James. 15 Langholm Crescent, Darlington, Co. Durham.
- A 1923 Buckley, Harold Eugene, M.Sc. Lecturer in Crystallography, University of Manchester. 'Bradda', Hazelhurst Road, Worsley, Lancashire.
- A 1921 Bull, Alfred Joseph, M.Sc., F.Inst.P., F.G.S. L.C.C. School of Photo-engraving, 6 Bolt Court, Fleet Street, London, E.C. 4.
- A 1926 Burri, Conrad Robert, Ph.D. Mineralogical Institute, Sonneggstrasse 5, Zürich 6, Switzerland.
- L 1885 Butler, Francis Henry, M.A., A.R.S.M., L.S.A. (Lond.).
 11 Alfred Road, Sutton, Surrey.
- A 1919 BUTTGENBACH, Henri Jean François. Professor of Crystallography and Mineralogy in the University of Liége.
 439 Avenue Louise, Bruxelles, Belgium.
- A 1923 Cahn, Lazard. 6 North Eighth Street, Colorado Springs, Colorado, U.S.A.
- A 1924 CAMPBELL, Robert, M.A., D.Sc., F.G.S., F.R.S.E. Lecturer in Petrology, University of Edinburgh. 'Maryton', Woodhall Road, Colinton, Edinburgh.
- A 1928 CLARKE, Edward de Courcy, M.A., A.I.M.M. Dept. of Geology, University of Western Australia, Perth, Western Australia.
- L 1927 Clegg, Edward Leslie Gilbert, B.Sc. Assistant Superintendent, Geological Survey of India, 27 Chowringhee Road, Calcutta, India.
- A 1931 Cockburn, Alexander Murray, B.Sc., Ph.D. Grant Institute of Geology, King's Buildings, Mains Road, Edinburgh.
- L 1927 COKE, Basil Elmsley, Lieut.-Colonel R.E. (retired), O.B.E., M.A., F.G.S. 'Littlehill', Harpsden, Henley-on-Thames, Oxfordshire.
- A 1913 Collingridge, Harvey, B.Sc., F.G.S., A.M.I.C.E. Premier House, 150 Southampton Row, London, W.C. 1.
- L 1923 Combe, Arthur Delmar, F.G.S. Geological Survey, Entebbe, Uganda, East Africa.
- L 1900 COOMARASWAMY, Ananda K., D.Sc., F.L.S., F.G.S., M.R.A.S. Keeper of Indian Art, Museum of Fine Arts, Boston, Massachusetts, U.S.A.

- Year of Election.
- A 1924 Coussmaker, Arthur Blakeney, M.C., F.G.S., A.I.M.M. 78 Hatton Garden, London, E.C. 1.
- A 1907 CROOK, Thomas, A.R.C.Sc.I., F.G.S. Mineral Resources

 Dept., Imperial Institute, South Kensington, London,
 S.W. 7.
- L 1899 Cullis, Charles Gilbert, D.Sc., F.G.S., M.I.M.M. Professor of Economic Mineralogy, Imperial College of Science and Technology, South Kensington, London, S.W. 7.
- A 1926 Davies, George MacDonald, M.Sc., F.G.S. Reader in Geology, Birkbeck College, London. 104 Avondale Road, South Croydon, Surrey.
- L 1885 Daw, John Williams. Axim, Gold Coast Colony, West Africa; and Woodhaven', Walton-on-Thames, Surrey.
- L 1898 DE CASTRO, John Paul, M.A., F.C.S., F.I.C. 8 Bigwood Road, Golders Green, London, N.W. 11.
- A 1925 Dewey, Henry, F.G.S. Geological Survey of Great Britain, 28 Jermyn Street, London, S.W. 1.
- A 1925 Double, Ivan Sidney, M.Sc., F.G.S. Geological Dept., The University, Liverpool.
- L 1928 Douglas, George Vibert, M.C., M.Sc., F.G.S. 'Clereholt', Holmbury St. Mary, Dorking, Surrey.
- L 1910 Drugman, Julien Léon Eugène, Ph.D., M.Sc. 33 Rue Edmond Picard, Uccle, Brabant, Belgium.
- L 1926 Eckermann, Harry von, Ph.D. Lecturer in Mineralogy, University of Stockholm. Edeby pr. Sparreholm, Sweden.
- L 1918 Edge, Arthur Broughton, M.B.E., A.R.S.M., A.R.C.S., B.Sc., F.C.S., F.G.S. c/o Royal School of Mines, South Kensington, London, S.W. 7.
- A 1927 Elles, Miss Gertrude Lilian, M.B.E., D.Sc., F.G.S. Newnham College, Cambridge.
- A 1925 Ellsworth, Hardy Vincent, M.A., Ph.D. Geological Survey of Canada, Ottawa, Canada.
- A 1920 English, George Letchworth. 50 Brighton Street, Rochester, New York, U.S.A.

- Year of Election.
- A 1929 EYLES, Victor Ambrose, B.Sc. Geological Survey of Great Britain. 'Clarendon House', Clayton Street West, Newcastle-on-Tyne.
- A 1924 Fabry, Richard John Charles, A.R.C.S., B.Sc. Geological Survey of Canada, Ottawa, Canada.
- L 1926 Fearnsides, William George, M.A., F.G.S. Professor of Geology, University of Sheffield. 11 Ranmoor Crescent, Sheffield.
- A 1915 Fermor, Lewis Leigh, O.B.E., A.R.S.M., D.Sc., F.G.S.

 Geological Survey of India, 27 Chowringhee Road,
 Calcutta, India.
- L 1895 FLETCHER, Rev. Mark, M.A., M.Sc., F.G.S. Lecturer in Mineralogy in the Armstrong College, Newcastle-on-Tyne. Long Benton Vicarage, Forest Hall, Northumberland.
- L 1902 FLETT, Sir John Smith, K.B.E., M.A., LL.D., D.Sc., F.R.S. Director of the Geological Survey of Great Britain. 28 Jermyn Street, London, S.W. 1.
- A 1926 FORD, Hugh Alexander, H.B.M. Consul, The British Consulate General, Lorenço Marques, Portuguese East Africa.
- A 1923 GARNETT, Cecil Stevenson, F.C.S., F.G.S. 6 The Strand, Derby.
- L 1886 Goldschmidt, Victor, Ph.D. Professor of Mineralogy in the University of Heidelberg. 9 Gaisbergstrasse, Heidelberg, Germany.
- A 1905 Goodchild, Wilbert, M.B., Ch.B. Blencathra Sanatorium, Threlkeld, Penrith, Cumberland.
- A 1922 GORDON, Hugh Septimus, M.I.M.M., F.G.S. 10 Nevill's Court, Fetter Lane, London, E.C. 4; and Tati Company, Limited, Francistown, Bechuanaland Protectorate, South Africa.
- A 1923 Gordon, Samuel George. Academy of Natural Sciences, Logan Square, Philadelphia, Pennsylvania, U.S.A.
- A 1923 Gordon, William Thomas, M.A., D.Sc., F.R.S.E., F.G.S. Professor of Geology, King's College, Strand, London, W.C. 2.

- Year of Election.
- A 1903 Grabham, George Walter, M.A., F.G.S. Geologist to the Sudan Government. P.O. Box 178, Khartum, Sudan.
- A 1913 Graham, Richard Percival Devereux, B.A. Assistant Professor of Mineralogy, McGill University, Montreal, Canada.
- A 1924 Grantham, Donald Robert, A.R.S.M., A.R.C.S., D.Sc.

 Geological Survey Dept., Dodoma, Tanganyika Territory,

 East Africa; and 'Denecliffe', Dorking, Surrey.
- A 1929 Gray, George Wynter, A.R.S.M. 3 Lombard Street, London, E.C. 3.
- A 1923 GREENWOOD, Gilbert, M.Sc. Judson College, Rangoon, Burma.
- A 1921 Gregory, Albert George Frederick. 'Melrose', Woodchurch, Ashford, Kent.
- L 1892 Gregory, John Walter, D.Sc., LL.D., F.R.S. Emeritus Professor of Geology, University of Glasgow. 'Bassett', Little Baddow, Chelmsford, Essex.
- A 1931 Groves, Arthur William, Ph.D., M.Sc., D.I.C., F.G.S. 37 Fontenoy Road, Bedford Hill, London, S.W. 12.
- A 1930 Hall, Thomas Clifford Fitzwilliam, M.I.M.M. Royal Societies Club, 63 St. James's Street, London, S.W. 1; and 'Trevu', Camborne, Cornwall.
- A 1912 HALLIMOND, Arthur Francis, M.A., F.G.S. Assistant Curator, Museum of Practical Geology, 28 Jermyn Street, London, S.W. 1.
- A 1885 HARKER, Alfred, M.A., LL.D., F.R.S. Emeritus University Reader in Petrology, St. John's College, Cambridge.
- A 1931 Hart, Robert, B.Sc., Ph.D. Macaulay Institute for Soil Research, Craigiebuckler, Aberdeen.
- L 1900 HARTLEY, Sir Harold Brewer, Kt., C.B.E., M.C., M.A., F.R.S. Balliol College, Oxford.
- A 1917 Harwood, Henry Francis, M.Sc., Ph.D., A.I.C., F.G.S. Lecturer in Chemistry, Imperial College of Science and Technology, South Kensington, London, S.W. 7.
- A 1910 HATCH, Frederick Henry, O.B.E., Ph.D., M.I.M.M., F.G.S. D3, The Albany, Piccadilly, London, W. 1.

- Year of Election.
- A 1921 HAWKES, Leonard, D.Sc., F.G.S. Reader in Geology, University of London. Bedford College, Regent's Park, London, N.W. 1.
- A 1928 Heide, Fritz, D.Ph. Schillerstrasse 12, Jena, Germany.
- A 1929 Hey, Max Hutchinson, B.A., B.Sc. Mineral Dept., British Museum of Natural History, South Kensington, London, S.W. 7.
- L 1907 Hilton, Harold, M.A., D.Sc. Professor of Mathematics in the University of London. *Bedford College, Regent's* Park, London, N.W. 1.
- A 1927 HITCHEN, Charles Stansfield, B.Sc., Ph.D., A.R.C.S., D.I.C., F.G.S. c/o The Commonwealth Fund, 41 East 57th Street, New York City, U.S.A.
- A 1928 Hodge, Matthew Burnop, M.Sc., Ph.D. Dept. of Geology, The University, Manchester.
- L 1896 Holland, Sir Thomas Henry, K.C.S.I., K.C.I.E., A.R.C.S., D.Sc., F.R.S. Principal of *The University, Edinburgh*.
- A 1929 HOLLINGWORTH, Sidney Ewart, M.A., D.Sc., F.G.S. 'White-cot', Addington Road, West Wickham, Kent.
- A 1914 Holmes, Arthur, D.Sc., D.I.C., A.R.C.S., F.G.S. Professor of Geology in the University of Durham. Science Laboratories, South Road, Durham.
- A 1931 Honess, Arthur Pharaoh. Professor of Mineralogy, Pennsylvania State College, State College, Pennsylvania, U.S.A.
- A 1908 Hopkins, Edward. 32-34 Holborn Viaduct, London, E.C. 1.
- A 1925 Horn, Aubrey Evelyn, Loup House, Axminster, Devon; and c/o Naraguta Korot Areas, Ltd., P.O. Jos, Northern Nigeria.
- A 1902 Howe, John Allen, O.B.E., B.Sc., F.G.S. Brissenden Farm, Frittenden, Staplehurst, Kent.
- A 1928 Howling, Gerald Edward, B.Sc. Mineral Resources Dept., Imperial Institute, South Kensington, London, S.W. 7.
- L 1890 Hutchinson, Arthur, O.B.E., M.A., Ph.D., F.R.S. Emeritus
 Professor of Mineralogy in the University of Cambridge,
 Master of Pembroke College, Cambridge.

- Year of Election.
- A 1931 Ito, Tei-ichi. Assistant Professor of Mineralogy, Mineralogical Institute, Imperial University, Tokyo, Japan.
- A 1923 Jardine, Irvine George, B.Sc., F.G.S. 27 Cecil Road, Upton Manor, London, E. 13.
- A 1925 Johnston, Robert Angus Alister, F.R.C.S. Box 397, Vancouver, British Columbia, Canada.
- L 1905 Jones, Bernard Mouat, D.S.O., M.A., F.C.S. Principal of The College of Technology, Manchester.
- A 1930 Jones, William Richard, D.Sc., M.I.M.M., F.G.S. Dept. of Geology, Imperial College of Science and Technology, South Kensington, London, S.W. 7.
- L 1908 Jones, Owen Thomas, M.A., D.Sc., F.R.S. Professor of Geology, Sedqwick Museum, Cambridge.
- A 1929 Kennedy, William Quarrier, D.Sc., Ph.D. Geological Survey of Great Britain (Scottish Office). 'Southpark', 19 Grange Terrace, Edinburgh.
- A 1917 Kitson, Sir Albert Ernest, C.M.G., C.B.E., F.G.S. Formerly Director of the Geological Survey of the Gold Coast. 'Benalta', Ireby Crescent, Beaconsfield, Buckinghamshire.
- A 1930 Kôzu, Shukusuké, D.Sc. Professor of Mineralogy, Mineralogical Institute, Tohoku Imperial University, Sendai, Japan.
- A 1926 Kreutz, Stefan, Ph.D. Professor of Mineralogy and Crystallography in the University of Kraków. Collegium Minus, Golebia 11, Kraków, Poland.
- L 1926 Krishnan, Maharajapuram Sitaram, M.A., Ph.D., A.R.C.S., D.I.C. Assistant Superintendent, Geological Survey of India, 27 Chowringhee Road, Calcutta, India.
- A 1885 Kunz, George Frederick, M.A., Ph.D., Sc.D., F.G.S. 405 Fifth Avenue, New York City, U.S.A.
- A 1922 Lake, Harry William, Colonel, C.M.G., M.I.M.M. 26

 Bolton Gardens, London, S.W. 5; and 5 Broad Street

 Avenue, Blomfield Street, London, E.C. 2.
- A 1924 Lane, Alfred Church, A.B., Ph.D., Sc.D. Professor of Geology, Tufts College, Postal District No. 57, Boston, Massachusetts, U.S.A.
- A 1923 Larsen, Esper Signius, Ph.D. Professor of Petrology, Harvard University, Cambridge, Massachusetts, U.S.A.

- Year of Election.
- A 1923 LEECH, John George Chambré, A.R.S.M., F.G.S. 7 Belvedere Grove, Wimbledon, London, S.W. 19.
- A 1929 Lightfoot, Ben, M.C., M.A., F.G.S. Geological Survey of Southern Rhodesia, P.O. Box 366, Salisbury, Southern Rhodesia.
- A 1879 Louis, Henry, M.A., D.Sc., A.R.S.M., F.G.S. Emeritus Professor of Mining in the Armstrong College. 4 Osborn Terrace, Jesmond, Newcastle-on-Tyne.
- A 1914 Macgregor, Alexander Miers, B.A., F.G.S. Geological Survey of Southern Rhodesia. P.O. Box 366, Salisbury, Southern Rhodesia.
- A 1929 MacGregor, Archibald Gordon, M.C., B.Sc. Geological Survey of Great Britain (Scottish Office), 'Southpark', 19 Grange Terrace, Edinburgh.
- A 1929 Macgregor, Murray, M.A., B.Sc., F.R.S.E. Geological Survey of Great Britain (Scottish Office), 'Southpark', 19 Grange Terrace, Edinburgh.
- A 1925 MACLAREN, James Malcolm, D.Sc., F.G.S. 'Burncoose', Gwennap, Redruth, Cornwall; and Royal Empire Society, Northumberland Avenue, London, S.W. 1.
- A 1908 McLintock, William Francis Porter, D.Sc., F.G.S. Curator of the Museum of Practical Geology, 28 Jermyn Street, London, S.W. 1.
- A 1921 McRobert, Rachel Workman, Lady, B.Sc., F.G.S. 'Doune-side', Tarland, Aboyne, Aberdeenshire.
- A 1925 Marshall, Patrick, M.A., D.Sc., F.G.S. 'Hautere', Bellevue Road, Lower Hutt, Wellington, New Zealand.
- A 1927 Mathews, Charles William, F.G.S. 14 Hatton Garden, London, E.C. 1.
- A 1930 Mauritz, Béla. Professor of Mineralogy and Petrology in the University of Budapest, Muzeum-Körút 4, Budapest VIII, Hungary.
- A 1929 Mawson, Sir Douglas, Kt., O.B.E., D.Sc., B.E., F.R.S. Professor of Geology and Mineralogy, *University of Adelaide*, South Australia.
- L 1919 Melmore, Sidney, B.Sc., F.G.S. 'Winkinghurst', Carr Lane, Acomb, York.

- Year of Election.
- A 1923 MERWIN, Herbert Eugene, Ph.D. Geophysical Laboratory, 2801 Upton Street, Washington, D.C., U.S.A.
- L C MIERS, Sir Henry Alexander, Kt., M.A., D.Sc., LL.D., F.R.S. Honorary Professor of Crystallography in the University of Manchester. 18 Aberdare Gardens, West Hampstead, London, N.W. 6.
- A 1923 MILNER, Henry Brewer, M.A., F.G.S. 4 Wycombe Gardens, Golders Green, London, N.W. 11.
- A 1912 MORGAN, Arthur Henry, A.M.I.C.E., M.I.M.M. Superintendent of the Ruby Mines, Mogok, Upper Burma.
- L 1922 MOUNTAIN, Edgar Donald, M.A. Professor of Geology, Rhodes University College, Grahamstown, South Africa.
- A 1924 MURRAY-HUGHES, Robert, F.G.S. The Standard Bank of South Africa, 10 Clement's Lane, London, E.C. 3.
- A 1929 Nel, Louis Taylor, D.Sc. Geological Survey of the Union of South Africa, P.O. Box 401, Pretoria, Transvaal.
- A 1927 Ogura, Tsutoma, Professor of Geology, Ryojun College of Engineering, Port Arthur, Manchuria.
- L 1920 Ōhashi, Ryōichi. Professor of Geology and Mineralogy, Akita Mining College, Akita, Japan.
- A 1926 PALACHE, Charles. Professor of Mineralogy, Harvard University, Cambridge, Massachusetts, U.S.A.
- A 1922 PARKER, Robert Luling, Ph.D. Mineralogical Institute, Sonneggstrasse 5, Zürich 6, Switzerland.
- A 1915 Parsons, Arthur Leonard. Assistant-Professor of Mineralogy, University of Toronto, Canada.
- A 1923 PHEMISTER, James, M.A., B.Sc., F.G.S. Geological Survey of Great Britain (Scottish Office), 'Southpark', 19 Grange Terrace, Edinburgh.
- A 1926 PHEMISTER, Thomas Crawford, Sc.M., Ph.D. Dept. of Geology, University of British Columbia, Vancouver, British Columbia, Canada.
- A 1929 PHILLIPS, Alexander Hamilton, D.Sc. Professor of Mineralogy in Princeton University, 54 Hodge Road, Princeton, New Jersey, U.S.A.

- Year of Election.
- A 1926 PHILLIPS, Frank Coles, M.A., Ph.D., F.G.S. University Lecturer in Petrology, Corpus Christi College, Cambridge.
- L 1899 Pollard, William, M.A., D.Sc., F.G.S. 'Whitmore', Chittlehamholt, Umberleigh, North Devon.
- A 1891 POPE, Sir William Jackson, K.B.E., M.A., M.Sc., D.Sc., LL.D., F.R.S. Professor of Chemistry in the University of Cambridge. 'Holmleigh', West Road, Cambridge.
- A 1910 PORTER, Miss Mary Winearls, B.Sc. 118 Southmoor Road, Oxford.
- A 1930 POWELL, Herbert Marcus, B.A. Dept. of Mineralogy, University Museum, Oxford.
- L 1887 PRIOR, George Thurland, M.A., D.Sc., F.R.S. Formerly Keeper of Minerals in the British Museum. 'Holywell', Uxbridge Road, Hatch End, Middlesex.
- A 1922 Puckle, Geoffrey Montagu. 'The Oaks', Cooper's Hill, Eversley, Hampshire.
- L 1908 RAISIN, Miss Catherine Alice, D.Sc., F.L.S., F.G.S. 62 Redcliffe Gardens, London, S.W. 10.
- A 1903 RASTALL, Robert Heron, M.A., Sc.D., F.G.S., M.I.M.M. Christ's College, Cambridge.
- A 1923 READ, Herbert Harold, D.Sc., A.R.C.S., F.G.S. Professor of Geology, *The University, Liverpool*.
- A 1915 RICHARDSON, William Alfred, D.Sc., B.A., B.Sc. (Engin.), F.G.S. Principal of the *Technical College*, *Green Lane*, *Derby*.
- A 1929 RICHEY, James Ernest, M.C., B.A., F.R.S.E., F.G.S. Geological Survey of Great Britain (Scottish Office). 'Southpark', 19 Grange Terrace, Edinburgh.
- A 1919 ROBERTS, Malcolm, A.R.S.M., M.I.M.M., c/o The Bolivian Legation, 16 Grosvenor Place, London, S.W. 1.
- A 1914 Rogers, Arthur William, M.A., Sc.D., F.R.S. Director of the Geological Survey of the Union of South Africa, P.O. Box 401, Pretoria, Transvaal, South Africa.

- Year of Election.
- A 1913 Rogers, Austin Flint, A.M., Ph.D. Professor of Mineralogy and Petrography, Leland Stanford Junior University, Palo Alto, California, U.S.A.
- A 1902 Russell, Arthur Edward Ian Montagu, M.B.E. Swallow-field Park, Reading, Berkshire.
- A 1929 Sampson, Edward, C.E., M.Sc., D.Sc. Associate Professor of Petrology, Princeton University, Guyon Hall, Princeton, New Jersey, U.S.A.
- A 1918 Sandison, William Greswolde Williams. Kilda, Baltasound, Unst, Shetland.
- A 1931 Schairer, John Frank, M.S., Ph.D. Geophysical Laboratory, 2801 Upton Street, Washington, D.C., U.S.A.
- A 1912 Schaller, Waldemar Theodore, Ph.D. United States Geological Survey, Washington, D.C., U.S.A.
- A 1919 Schoeller, Walter Raymond, Ph.D. 8 Victoria Avenue, Bishopsgate, London, E.C. 2.
- A 1920 Schoep, Alfred, D.Sc. Professor of Crystallography and Mineralogy in the University of Ghent, 6 Rue de la Roseraire, Ghent, Belgium.
- A 1928 SCHOLTZ, Douglas Leinster, M.Sc. Lecturer in Geology, Transvaal University College, Pretoria, Transvaal, South Africa.
- A 1914 Scort, Alexander, M.A., D.Sc. 'Conway House', Albert Terrace, Wolstanton, Stoke-on-Trent, Staffordshire.
- A 1932 Scrivenor, John Brooke, I.S.O., M.A., F.G.S., 68 Chaucer Road, Bedford.
- A 1908 Shand, Samuel James, D.Sc., Ph.D., F.G.S. Professor of Geology, University of Stellenbosch, South Africa.
- A 1919 Sheppard, George, D.Sc., F.G.S. 3 Village Road, Garden Village, Hull, Yorkshire; and Casilla 410, Guayaquil, Ecuador.
- A 1912 SIMPSON, Edward Sydney, D.Sc., B.E., F.C.S. Government Mineralogist and Chemist, Western Australia. 'Carlingford', Mill Point, South Perth, Western Australia.
- L 1897 Smith, George Frederick Herbert, M.A., D.Sc., F.G.S., F.R.A.S. British Museum of Natural History, South Kensington, London, S.W. 7.

- Year of Election.
- A 1911 SMITH, Herbert Gladstone, B.Sc., A.R.C.S., F.G.S. Reader in Geology in the University of London, East London College, Mile End Road, London, E. 1.
- L 1910 SMITH, Walter Campbell, M.C., T.D., M.A., F.G.S. Mineral Dept., British Museum of Natural History, South Kensington, London, S.W. 7.
- A 1929 Solignac, Marcel Jean Louis, D. ès Sc. Chef du Service Géologique de Tunisie, 12 Rue Émile Duclaux, Tunis.
- A 1925 SPENCER, Edmondson, Ph.D., D.Sc., A.R.S.M., F.I.C., F.G.S. c/o Messrs. Bird & Co. (Research Dept.), Post Box 46, Calcutta, India.
- A 1894 Spencer, Leonard James, M.A., Sc.D., F.R.S. Keeper of Minerals in the British Museum, Mineral Dept., British Museum of Natural History, South Kensington, London, S.W. 7.
- A 1928 SPILLER, Reginald Charles, M.A. Demonstrator in Mineralogy, Dept. of Mineralogy, University Museum, Oxford.
- A 1923 STILLWELL, Frank Leslie, D.Sc. 44 Elphin Grove, Hawthorne, Victoria, Australia.
- A 1923 Stockley, Gordon Murray, A.R.C.S., A.I.C., F.C.S., F.G.S.

 Geological Survey Dept., Dodoma, Tanganyika Territory,

 East Africa.
- A 1926 Stuart, Alan, M.Sc., F.G.S. 'Bungalow', Bayswater Road, Sketty, Swansea.
- A 1928 Sweet, Miss Jessie May, B.Sc. Mineral Dept., British Museum of Natural History, South Kensington, London, S.W. 7.
- A 1925 TARR, William Arthur, B.Sc., B.S., Ph.D. Professor of Geology and Mineralogy, University of Missouri; and 704 Westwood Avenue, Columbia, Missouri, U.S.A.
- A 1922 TAYLOR, Joseph Cornelius. 'Rodmersham', 7 Albert Road, Hendon, London, N.W. 4.
- A 1903 Thomas, Herbert Henry, M.A., Sc.D., F.R.S. Petrographer to the Geological Survey of Great Britain. 28 Jermyn Street, London, S.W. 1.

- Year of Election.
- A 1931 THOMAS, John Herbert, Penarth, Truro, Cornwall.
- A 1925 Thomson, Ellis, B.A.Sc. Assistant-Professor, Dept. of Mineralogy, University of Toronto, Canada.
- A 1921 TILLEY, Cecil Edgar, B.Sc., Ph.D., A.I.C., F.G.S. Professor of Mineralogy and Petrology, Dept. of Mineralogy and Petrology, Cambridge.
- A 1925 Tomkeieff, Sergei Ivanovich, F.G.S. Geology Dept., Armstrong College, Newcastle-on-Tyne.
- L 1927 TRECHMANN, Charles Taylor, D.Sc., F.G.S., F.Z.S. 'Hudworth Tower', Castle Eden, Co. Durham.
- A 1923 Tsuboi, Seitarō. Geological Institute, College of Science, Imperial University, Tokyo, Japan.
- L 1920 Tunbridge, Edward William, B.Sc., F.G.S. 'Westbury', Lillington, Learnington Spa, Warwickshire.
- L 1891 Tutton, Alfred Edwin Howard, M.A., D.Sc., F.R.S. 6 St. Andrew's Hill, Cambridge.
- L 1930 Van Horn, Frank Robertson, Ph.D., Sc.D., M.S. Professor of Geology and Mineralogy, Case School of Applied Science, Cleveland, Ohio, U.S.A.
- A 1925 VENDL, Aladár, Ph.D. Professor in the Technical High School, Rezeda utca 7, Budapest I, Hungary.
- A 1925 Vendl, Miklós, Ph.D. Professor of Mineralogy and Geology, Mining Academy, Sopron, Hungary.
- A 1930 Vickers, Arthur Eric Jarvis, M.Sc, F.I.C., F.G.S. 27 Lily Road, Wolstanton, Stoke-on-Trent, Staffordshire.
- A 1930 Wager, Lawrence Richard, B.A., F.G.S. Dept. of Geology, University of Reading, Reading, Berkshire.
- L 1930 WALKER, Frederick, M.A., Ph.D., D.Sc., F.R.S.E. Dept. of Geology, The University, St. Andrews, Fife.
- A 1913 Walker, Thomas Leonard, M.A., Ph.D., F.G.S. Director of the Royal Ontario Museum of Mineralogy, and Professor of Mineralogy and Petrography in the University of Toronto, Canada.

MINERALOGICAL SOCIETY

- A 1923 Washington, Henry Stephens, Ph.D. Geophysical Laboratory, 2801 Upton Street, Washington, D.C., U.S.A.
- A 1923 WATSON, John Adam, A.C.G.I., F.I.C., F.C.S. 22 Polwarth Gardens, Edinburgh.
- L 1894 Watts, William Whitehead, M.A., M.Sc., Sc.D., LL.D., F.R.S.
 Emeritus Professor of Geology in the Imperial College
 of Science and Technology, London. 'Hillside', Langley
 Park Road, Sutton, Surrey.
- A 1929 WAYLAND, Edward James, A.R.C.S., M.I.M.M. Director of the Geological Survey of Uganda, Entebbe, Uganda, East Africa.
- A 1929 Weber, Leonhard, Ph.D. Professor of Mineralogy in the University, Institut de Minéralogie, Université, Fribourg, Switzerland.
- A 1929 Wells, Alfred Kingsley, D.Sc., F.G.S. Lecturer in Geology at King's College, London. 'Holmsdale', Buckhurst Hill, Essex.
- A 1929 West, William Dixon, M.A. Geological Survey of India, 27 Chowringhee Road, Calcutta, India.
- L 1901 Weston, Digby St. Aubyn Percy, Commander, Royal Navy (retired). 46 Queen's Gate Gardens, London, S.W. 7.
- A 1924 WHITLOCK, Herbert Percy. American Museum of Natural History, Central Park, New York City, U.S.A.
- A 1918 WILCOCKSON, William Howson, M.A., F.G.S. Geological Dept., University of Sheffield.
- L 1925 WILLIAMS, Alpheus Fuller, B.Sc. General Manager, De Beers Consolidated Mines, Ltd. Vergenoeg, Muizenberg, Cape Town, South Africa.
- A 1931 WILSON, Reginald Charles, B.Sc., F.G.S. Director of the Geological Survey of Nigeria. 8 Duke's Avenue, Muswell Hill, London, N. 10.
- L C WOODWARD, Charles Josiah, B.Sc., F.G.S. 'The Lindens', St. Mary's Road, Harborne, Birmingham.

- A 1927 Wooldridge, Sidney William, M.Sc., F.G.S. 7 Shrewsbury Avenue, East Sheen, London, S.W. 14.
- A 1927 Wooster, William Alfred, M.A., Ph.D. Demonstrator in Mineralogy in the University of Cambridge. *Peterhouse*, Cambridge.
- A 1919 WORTH, Richard Hansford, M.Inst.C.E., F.G.S. 32 Thorn-hill Road, Plymouth.
- L 1923 WRIGHT, Frederic Eugene, Ph.D. Geophysical Laboratory, 2801 Upton Street, Washington, D.C., U.S.A.