

MINERALOGICAL SOCIETY.

(*Instituted February 3, 1876.*)

BYE-LAWS.*

1. THE object of the Mineralogical Society of Great Britain and Ireland, with which the Crystallogical Society was amalgamated on December 11, 1888, 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. Ordinary Members elected on or before November 18, 1900, shall be entitled to compound for the annual subscription by a single payment of ten guineas: Ordinary Members elected after that date shall be entitled to compound for the annual subscription by a single payment of fifteen 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. The name of any Ordinary Member whose subscription is more than two years in arrear shall be brought before the Council, and an intimation that this action has been taken shall be communicated to the Member. After the expiration of at least one year from that date, the Council shall be empowered to erase the name from the List of Members.

* Adopted at the Anniversary Meeting of November 18, 1900, and modified November 18, 1902, and November 7, 1916.

HONORARY MEMBERS.

8. Twenty persons, non-resident in the United Kingdom, may be elected Honorary Members. They shall pay neither entrance fee nor annual subscription.

9. 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.

10. 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, and twelve Ordinary Members.

11. All members of the Society who have served the office of President shall be life-members of the Council.

11 *a*. The Trustees of the Society shall be *ex officio* members of the Council.

12. The Council shall be elected annually at the Anniversary Meeting.

13. Four Ordinary Members of Council shall retire annually, and shall not be eligible for re-election until the next Anniversary Meeting.

14. The Council shall prepare a List of Members nominated for election as Officers and Ordinary Members of Council.

15. 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.

16. 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.

17. 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.

18. Meetings of the Council shall be summoned by order of the President or the Council; at such meetings three shall be a quorum, of whom

one shall be either the President, a Vice-President, the Treasurer, or the General Secretary.

19. A Report of Council on the work and progress of the Society shall be submitted to each Anniversary Meeting.

TRUSTEES.

20. Two or more Trustees shall be appointed by the Council, and the invested property of the Society shall stand in their names.

21. Composition-fees shall be treated as Capital: a Resolution of the Society at a general meeting, summoned with notice of a proposed disposition of property, shall be sufficient authority to the Trustees to give effect to such disposition; provided that a resolution of the Council shall be sufficient authority for any change of investment.

MEETINGS.

22. Meetings of the Society shall be summoned from time to time, as may be deemed necessary by the Council, or at the requisition of any ten Members of the Society. One of these meetings in each year shall be termed the Anniversary Meeting.

JOURNAL.

23. 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.

AUDITORS AND BALANCE SHEET.

24. Two Ordinary Members of the Society, one of whom is not a Member of the Council, shall be appointed annually by the Council to audit the accounts of the Society.

25. No auditor shall serve for more than three years in succession.

26. 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.

27. 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; a majority of the votes recorded at such Meeting sufficing to confirm or annul the decision of the Council.

ALTERATION OF THE BYE-LAWS.

28. The Bye-laws may be altered only at an Anniversary Meeting, 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 at which they are to be considered.

OBLIGATION BOOK.

29. 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.

LIST OF MEMBERS.

(February, 1920.)

HONORARY MEMBERS.

- Year of Election.
- 1905 BAUMHAUER, Heinrich. Professor of Mineralogy in the University of *Freiburg, Switzerland.*
- 1909 BECKE, Friedrich Johann. Professor of Mineralogy and Petrography in the University of *Vienna.*
- 1895 BRÜGGER, Waldemar Christofer. Professor of Mineralogy and Geology, and Rector of the University, *Christiania.*
- 1909 CESÀBO, Giuseppe. Professor of Mineralogy in the University of *Liège.*
- 1913 CLARKE, Frank Wigglesworth. Chief Chemist, *United States Geological Survey, Washington, D.C., U.S.A.*
- 1897 DANA, Edward Salisbury. Yale University, *New Haven, Conn., U.S.A.*
- 1910 FEDOROV, Evgraf Stepanovič. Professor of Mineralogy in the Institute of Mines (Gornyi Institut) of the Empress Catherine II, *Vassili Ostrov, Petrograd.*
- 1912 GOLDSCHMIDT, Victor. Professor of Mineralogy in the University of Heidelberg. *9 Gaisbergstrasse, Heidelberg.*
- 1877 GROTH, Paul Heinrich von. Professor of Mineralogy in the University of Munich. *Brieflach, München VI.*
- 1900 LACROIX, Alfred. Professor of Mineralogy in the Muséum National d'Histoire Naturelle. *61 Rue de Buffon, Paris.*
- C¹ LANG, Victor von. Professor of Physics in the University of Vienna. *Physikalisches Institut der Universität, Vienna.*
- 1903 LIEBISCH, Theodor. Professor of Mineralogy in the University of Berlin. *Mineralogisch-petrographisches Institut, Invalidenstrasse 48, Berlin No. 4.*
- 1879 TSCHERMAK, Gustav von. The University, *Vienna.*
- 1912 VIOLA, Carlo Maria. Professor of Mineralogy in the University of *Parma, Italy.*
- 1913 WALLERANT, Frédéric. Professor of Mineralogy in the University, *Laboratoires à la Sorbonne, Paris.*

C = Corresponding Member of the Crystallogological Society at the time of the amalgamation of the two Societies, December 11, 1888.

ORDINARY MEMBERS.¹

- A Annual Subscribers.
 L Life-Members.
 C Belonged to the Crystallogical Society at the time of the amalgamation of the two Societies, December 11, 1888.

- Year of
 Election.
- L 1900 ASHCROFT, Frederick Noel, M.A., F.C.S., F.G.S., F.R.G.S.
37 Palace Court, Bayswater, London, W. 2.
- A 1881 BAKER, Harry, F.I.C., F.C.S. *Epworth House, Maughland Lane, Runcorn, Cheshire.*
- A 1918 BARBASON, Francois. *4 rue Lesoime, Liège, Belgium.*
- A 1904 BARKER, Thomas Vipond, M.A., B.Sc. (Oxon.), F.C.S. *Department of Mineralogy, University Museum, Oxford.*
- L 1894 BARLOW, William, F.R.S. *The Red 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 1898 BARBOW, George, F.G.S., M.I.M.M. Formerly of the Geological Survey of England. *202 Brecknock Road, London, N. 19.*
- L 1897 BEALE, Sir William Phipson, Bart., K.C., F.G.S., F.C.S.
Drumlamford, Barrhill, Ayrshire.
- L 1912 BELL, Robert. *64 Newington Avenue, Belfast.*
- L 1888 BEMROSE, Henry Howe, J.P., M.A., Sc.D., F.G.S. *Ash Tree House, Osmaston Road, Derby.*
- A 1906 BLAKE, George Stanfield, B.Sc., A.R.S.M., F.C.S.
- L 1876 BONNEY, Rev. Thomas George, Sc.D., LL.D., F.R.S.
 Emeritus Professor of Geology in University College, London. *9 Scroope Terrace, Cambridge.*
- A 1909 BOWEN, David, F.G.S. *The University, Leeds.*
- L 1897 BOWMAN, Herbert Lister, M.A., D.Sc., F.G.S., F.C.S. Professor of Mineralogy in the University of Oxford. *Department of Mineralogy, University Museum, Oxford.*
- A 1919 BRAMMALL, Alfred, B.Sc., F.G.S. *Dept. of Geology, Imperial College of Science and Technology, South Kensington, London, S.W. 7.*

¹ Corrections for this List should be sent to the General Secretary.

- | Year of
Election. | |
|----------------------|---|
| L 1876 | BROWN, Alexander Crum, M.A., M.D., D.Sc., F.R.S. Formerly Professor of Chemistry in the University of Edinburgh. 8 <i>Belgrave Terrace, Edinburgh.</i> |
| A 1912 | BURKITT, Miles Crawford, M.A., F.G.S. <i>Trinity College, Cambridge.</i> |
| A 1901 | BURLS, Herbert Thomas, F.G.S., M.I.M.M. <i>Care of F. Harbord, Esq., 16 Victoria Street, London, S.W. 1.</i> |
| L 1885 | BUTLER, Francis Henry, M.A., A.R.S.M., L.S.A. (Lond.). 158 <i>Brompton Road, London, S.W. 3.</i> |
| A 1919 | BUTGENBACH, Henri Jean François. 489 <i>Avenue Louise, Bruxelles, Belgium.</i> |
| A 1908 | CAMPBELL, Donald Fraser, B.A., A.R.S.M., F.G.S. 17 <i>Victoria Street, London, S.W. 1.</i> |
| A 1888 | COLE, Grenville Arthur James, F.R.S., M.R.I.A. Director of the Geological Survey of Ireland, Professor of Geology in the <i>Royal College of Science for Ireland, Dublin.</i> |
| A 1913 | COLLINGRIDGE, Harvey, B.Sc., F.G.S., A.M.I.C.E. 28 <i>Hampstead Lane, Highgate, London, N. 6.</i> |
| L 1892 | COLLINS, Henry Francis, A.R.S.M., M.I.M.M. 66 <i>Finsbury Pavement, London, E.C. 2.</i> |
| L 1900 | COOMARASWAMY, Ananda K., D.Sc., F.L.S., F.G.S., M.R.A.S. <i>Care of Messrs. W. Wesley & Son, 28 Essex Street, Strand, London, W.C. 2.</i> |
| A 1907 | CROOK, Thomas, A.R.C.Sc.I., F.G.S. Chief of Intelligence and Publications Section, <i>Imperial Mineral Resources Bureau, 2 Queen Anne's Gate Buildings, London, S.W. 1.</i> |
| A 1899 | CULLIS, Charles Gilbert, D.Sc., F.G.S. Professor of Economic Mineralogy in the <i>Imperial College of Science and Technology, South Kensington, London, S.W. 7.</i> |
| L 1899 | CURRIE, James, M.A., F.R.S.E. <i>Larkfield, Golden Acre, Edinburgh.</i> |
| L 1876 | DANBY, Thomas William, M.A., F.G.S. <i>The Crouch, Seaford, Sussex.</i> |
| L 1885 | DAW, John W. |
| L 1898 | DE CASTRO, John Paul, M.A., F.C.S., F.I.C. 1 <i>Essex Court, Temple, London, E.C. 4.</i> |
| L 1910 | DRUGMAN, Julien Léon Eugène, Ph.D., M.Sc., F.C.S. 117 <i>rue Gachard, Bruxelles, Belgium.</i> |

- | | Year of
Election. | |
|---|----------------------|--|
| L | 1918 | EDGE, Arthur Broughton, M.B.E., F.C.S. <i>Tudor House, Maidenhead, Berkshire.</i> |
| A | 1919 | ELSDEN, James Vincent, D.Sc., F.G.S. <i>16 Sherard Gardens, Eltham, Kent.</i> |
| L | 1891 | EVANS, John William, LL.B., D.Sc., F.R.S. Lecturer in Petrology, Imperial College of Science and Technology, South Kensington, London, S.W. <i>75 Craven Park Road, Willesden Junction, London, N.W. 10.</i> |
| A | 1915 | FERMOE, Lewis Leigh, A.R.S.M., D.Sc. (Lond.), F.G.S. Superintendent, <i>Geological Survey of India, Calcutta.</i> |
| L | C | FLETCHER, Sir Lazarus, Kt., M.A., Hon. Ph.D. (Berlin), Hon. LL.D. (St. Andrews), F.R.S. Formerly Director of the British Museum (Natural History), Cromwell Road, London, S.W. <i>The White House, Ravenstonedale, Westmorland, via Penrith.</i> |
| L | 1895 | FLETCHER, Rev. Mark, M.A., F.G.S. Lecturer in Mineralogy in the Armstrong College, Newcastle-on-Tyne. <i>The Vicarage, Long Benton, Newcastle-on-Tynes.</i> |
| L | 1902 | FLETT, John Smith, M.A., LL.D., D.Sc., F.R.S. Assistant Director, Geological Survey of Scotland. <i>88 George Square, Edinburgh.</i> |
| A | 1912 | GARDINER, Clarence Roe. <i>Care of Messrs. Tiffany & Co., 401 Fifth Avenue, New York, U.S.A.</i> |
| L | 1876 | GEIKIE, Sir Archibald, O.M., K.C.B., D.Sc., D.C.L., LL.D., Past-President R.S. Formerly Director-General of the Geological Survey of the United Kingdom. <i>Shepherd's Down, Haslemere, Surrey.</i> |
| L | 1902 | GILES, William B., F.I.C. <i>The Grange, Leyton, Essex.</i> |
| L | 1886 | GOLDSCHMIDT, Victor, Ph.D., Professor of Mineralogy in the University of Heidelberg. <i>9 Gaisbergstrasse, Heidelberg, Germany.</i> |
| A | 1905 | GOODCHILD, Wilbert, M.B., Ch.B. (Edin.). <i>Blencathra Sanatorium, Threlkeld, Penrith, Cumberland.</i> |
| A | 1895 | GORDON, Rev. John More, M.A., F.G.S. <i>7 Moreton Gardens, South Kensington, London, S.W. 5.</i> |
| A | 1908 | GRABHAM, George Walter, M.A., F.G.S. Geologist to the Sudan Government. <i>Box 178, Khartoum, Sudan.</i> |
| A | 1918 | GRAHAM, Richard Percival Devereux, B.A. (Oxon). Assistant Professor of Mineralogy, <i>McGill University, Montreal, Canada.</i> |

- Year of
Election.
- L 1892 GREGORY, John Walter, D.Sc., F.R.S. Professor of Geology in the *University of Glasgow*.
- A 1911 HALL, Thomas Clifford Fitzwilliam, F.G.S., M.I.M.M. *Pinner's Hall, Austin Friars, London, E.C. 2*; 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 1908 HARGER, Harold Scott, F.G.S. *P. O. Box 1945, Johannesburg, Transvaal*.
- A 1885 HARKER, Alfred, M.A., LL.D., F.R.S. Fellow of St. John's College, Cambridge. *St. John's College, Cambridge*.
- L 1900 HARTLEY, Harold Brewer, M.A., F.C.S. *Balliol College, Oxford*.
- A 1917 HARWOD, Henry Francis, M.Sc. (Manc.), Ph.D., F.C.S. Demonstrator in Analytical Chemistry, *Imperial College of Science and Technology, South Kensington, London, S.W. 7*.
- A 1910 HATCH, Frederick Henry, Ph.D., M.I.M.M., F.G.S. *15 Cope Hill, Wimbledon, London, S.W. 19*.
- L 1879 HENSON, Samuel, *4 Elliott House, Elliott Road, Thornton Heath, Surrey*.
- A 1910 HESLOP, Miss Mary Kingdon, M.Sc. Demonstrator in Mineralogy in the Armstrong College, Newcastle-on-Tyne. *20 Framlington Place, Newcastle-on-Tyne*.
- L 1907 HILTON, Harold, M.A., D.Sc. Professor of Mathematics in Bedford College (University of London). *108 Alexandra Road, South Hampstead, London, N.W. 8*.
- L 1896 HOLLAND, Sir Thomas Henry, K.C.I.E., A.R.C.S., D.Sc., F.R.S. Formerly Director of the Geological Survey of India. *Athenaeum Club, 107 Pall Mall, London, S.W. 1*.
- A 1914 HOLMES, Arthur, D.I.C., A.R.C.S., D.Sc., F.G.S. Demonstrator in Geology, *Imperial College of Science and Technology, South Kensington, London, S.W. 7*.
- A 1908 HOPKINS, Edward. *58B Hatton Garden, London, E.C. 1*.
- A 1902 HOWE, John Allen, B.Sc., F.G.S. Curator of the Museum of Practical Geology. *The Museum, 28 Jermyn Street, London, S.W. 1*.
- L 1890 HUTCHINSON, Arthur, O.B.E., M.A., Ph.D., F.C.S., F.G.S.

- Year of
Election.
- Demonstrator in Mineralogy in the University of
Cambridge, *Pembroke College, Cambridge.*
- A 1905 JONES, Bernard Mouat, M.A., F.C.S. Professor of Chemistry,
University College, Aberystwith.
- A 1908 JONES, Owen Thomas, M.A., D.Sc., F.G.S. Professor of
Geology, *The University, Manchester.*
- L 1876 KINCH, Edward, F.C.S., F.I.C. Formerly Professor of
Chemistry in the Royal Agricultural College, Cirencester.
'Komaba', Haslemere, Surrey.
- A 1917 KITSON, Albert Ernest, F.G.S. Director of the Geological
Survey of the Gold Coast. *109 Worple Road, Wimbledon,
London, S.W. 19.*
- L 1876 KITTO, Benedict, F.I.C., F.G.S. *26 Lancaster Road, Finsbury
Park, London, N. 4.*
- A 1909 KNOWLES, Thomas, B.A., B.Sc. *School of Metalliferous
Mining, Camborne, Cornwall.*
- A 1907 KRANTZ, Friedrich Ludwig Robert, Ph.D. *86 Herwarth-
strasse, Bonn, Rhenish Prussia.*
- A 1885 KUNZ, George Frederick, M.A., Ph.D., Sc.D., F.G.S. *405
Fifth Avenue, New York City, U.S.A.*
- A C LEWIS, William James, M.A., F.R.S., Professor of Mineralogy
in the University of Cambridge. *The New Museums,
Cambridge.*
- L C LIVEING, George Downing, M.A., Hon.Sc.D., F.R.S. Formerly
Professor of Chemistry in the University of Cambridge.
Newnham, Cambridge.
- L 1876 LIVERSIDGE, Archibald, M.A., A.R.S.M., LL.D., F.R.S.
Formerly Professor of Chemistry in the University of
Sydney, New South Wales. *'Fieldhead', Geogre Road,
Coombe Warren, Kingston, Surrey.*
- A 1879 LOUIS, Henry, M.A., D.Sc., A.R.S.M., F.G.S. Professor of
Mining in the *Armstrong College, Newcastle-on-Tyne.*
- A 1910 MACALISTER, Donald Alexander, A.R.S.M., F.G.S. *The Bath
Club, 84 Dover Street, London, W. 1.*
- A 1914 MACGREGOR, Alexander Miers, B.A., F.G.S. *Rhodesia
Museum, Bulawayo, Rhodesia, South Africa.*
- A 1902 McGRIGOR, George Duncan, F.R.G.S.
- A 1919 McINTYRE, William Argus, A.R.C.S., B.Sc., F.G.S. *18
Leinster Avenue East Sheen, London, S.W. 14.*

- | Year of
Election. | | |
|----------------------|---|--|
| A 1908 | McLINTOCK, William Francis Porter, B.Sc. | <i>The Royal Scottish Museum, Edinburgh.</i> |
| A 1902 | MAITLAND, Andrew Gibb, C.E., F.G.S. | Government Geologist.
<i>Geological Survey, Perth, Western Australia.</i> |
| L 1881 | MALLET, Frederick Richard, F.G.S., F.C.S., F.I.C. | 20 <i>King's Avenue, Ealing, London, W. 5.</i> |
| A 1907 | MEARS, James Bartholomew, L.R.C.P., L.R.C.S. (Edin.). | <i>Leuchars, Fifeshire.</i> |
| L 1919 | MELMORE, Sidney, B.Sc., F.G.S. | <i>North How, Maryport, Cumberland.</i> |
| A 1902 | MENNEL, Frederic Philip, F.G.S. | <i>Bulawayo, Rhodesia, South Africa.</i> |
| L C | MIERS, Sir Henry Alexander, Kt., M.A., D.Sc., Hon. LL.D. (Michigan), F.R.S. | Vice-Chancellor of the University of Manchester. <i>Birch Heys, Cromwell Range, Fallowfield, Manchester.</i> |
| A 1912 | MORGAN, Arthur Henry, A.M.I.C.E., M.I.M.M. | Formerly Superintendent of the Ruby Mines, Mogok, Upper Burma. <i>40 Oxford Road, Gunnersbury, London, W. 4.</i> |
| L 1876 | MOBBIS, James. | 29 <i>Brynumôr Crescent, Swansea, South Wales.</i> |
| A 1915 | PARSONS, Arthur Leonard. | Assistant Professor of Mineralogy, <i>University of Toronto, Canada.</i> |
| L 1880 | PEARCE, Richard, Ph.D., F.G.S. | 11 <i>Phillimore Gardens, London, W. 8.</i> |
| L 1899 | POLLARD, William, M.A., D.Sc., F.G.S., F.C.S. | <i>Oakfield, Hitchin, Hertfordshire.</i> |
| A 1891 | POPE, Sir William Jackson, K.B.E., M.A., M.Sc., F.R.S. | Professor of Chemistry in the University of Cambridge. <i>Holmesdale, Brooklands Avenue, Cambridge.</i> |
| A 1910 | PORTER, Miss Mary Winearls. | 27 <i>Museum Road, Oxford.</i> |
| L 1887 | PRIOR, George Thurland, M.A., D.Sc., F.R.S. | Keeper of Mineral Department in the <i>British Museum (Natural History), Cromwell Road, London, S.W. 7.</i> |
| L 1908 | RAISIN, Miss Catherine Alice, D.Sc., F.L.S. | <i>Bedford College for Women (University of London), York Gate, Regent's Park, London, N.W. 1.</i> |
| A 1908 | RASTALL, Robert Heron, M.A., F.G.S. | <i>Christ's College, Cambridge.</i> |

- Year of
Election.
- A 1915 RICHARDSON, William Alfred, M.Sc., B.Sc. (Engin.), F.G.S. Lecturer in Civil Engineering, *University College, Nottingham.*
- A 1919 ROBERTS, Malcolm, A.R.S.M., M.I.M.M. *Care of Aramayo Francke Mines, Ltd., Quechisla, Bolivia, South America.*
- 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.*
- A 1918 ROGERS, Austin Flint, A.M., Ph.D. Associate Professor of Mineralogy and Petrography, *Leland Stanford Junior University, Palo Alto, California, U.S.A.*
- A 1902 RUSSELL, Arthur Edward Ian Montagu. *Swallowfield Park, Reading.*
- A 1918 SANDISON, William Greswolde Williams. *Kilda, Baltasound Unst, Shetland.*
- A 1912 SCHALLER, Waldemar Theodore, Ph.D. *United States Geological Survey, Washington, D.C., U.S.A.*
- A 1919 SCHOELLER, Walter Raymond, Ph.D., A.I.M.M., A.I.C. *57 York Street, Baker Street, London, W. 1.*
- A 1908 SCHRÖDER, Robert. *17 Leopoldstrasse, Heidelberg, Germany.*
- A 1914 SCOTT, Alexander, M.A., D.Sc. *187 St. Andrew's Road, Pollokshields, Glasgow.*
- A 1919 SCOTT, Herbert Kilburn, M.I.M.M., F.G.S. '*Joentinga*', *Chesham Bois, Buckinghamshire.*
- A 1884 SELIGMANN, Gustav. *6 Neustadt, Coblenz, Rhenish Prussia.*
- A 1908 SHAND, Samuel James, D.Sc., Ph.D., F.G.S. Professor of Geology, *Victoria College, Stellenbosch, South Africa.*
- A 1919 SHEPPARD, George. *c/o W. Sheppard, 22 Melrose Street, Hull.*
- A 1912 SIMPSON, Edward Sydney, D.Sc., B.E., F.C.S. Chemist, Geological Survey of 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 (Natural History), Cromwell Road, London, S.W. 7.*
- A 1911 SMITH, Herbert Gladstone, B.Sc., A.R.C.S., F.G.S. Lecturer in Geology, *East London College, Mile End Road, London, E. 1.*
- A 1910 SMITH, Walter Campbell, M.C., M.A., F.G.S. *British Museum (Natural History), Cromwell Road, London, S.W. 7.*

- Year of
Election.
- A C SOLLY, Richard Harrison, M.A. '*The Beehive*', *Half Key, Malvern.*
- A 1894 SPENCER, Leonard James, M.A., F.G.S., F.R.H.S. *British Museum (Natural History), Cromwell Road, London, S.W. 7.*
- A 1888 TEALL, Sir J. J. Harris, Kt., M.A., LL.D., D.Sc., F.R.S. Formerly Director of the Geological Survey of Great Britain and of the Museum of Practical Geology. *174 Rosendale Road, West Dulwich, S.E. 21.*
- A 1903 THOMAS, Herbert Henry, M.A., Sc.D., F.G.S. Geological Survey of England. *The Museum, 28 Jernyn Street, London, S.W. 1.*
- A 1920 TUNBRIDGE, Edward William, B.Sc., F.G.S. '*Castel Froma*', *Lillington Road, Leamington Spa, Warwickshire.*
- A 1891 TUTTON, Alfred Edwin Howard, M.A., D.Sc., F.R.S. *Duart, Willowby Park, Yelverton, South Devon.*
- 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.*
- L 1894 WATTS, William Whitehead, M.A., M.Sc., Sc.D., LL.D., F.R.S. Professor of Geology in the *Imperial College of Science and Technology, South Kensington, S.W. 7.*
- L 1895 WEBB, R. C.
- L 1901 WESTON, Digby St. A. P., Commander, Royal Navy (Retired). *Alexandra House, 5 Harrington Gardens, London, S.W. 7.*
- A 1918 WILCOCKSON, William Howson, M.A., F.G.S. *Tarvin Vicarage, Chester, and Caius College, Cambridge.*
- A 1918 WILLIAMS, Arthur Stanley, M.I.M.M. '*Ellerslie*', *4 Russel Avenue, Hartley, Plymouth.*
- L 1876 WILLS, Joseph Lainson, F.C.S. *183 Midwood Street, Brooklyn, New York, U.S.A.*
- L 1896 WILLS, Louis.
- L C WOODWARD, Charles J., B.Sc., F.G.S. *The Lindens, St. Mary's Road, Harborne, Birmingham.*
- A 1919 WORTH, Richard Hansford, M.Inst.C.E. *82 Thornhill Road, Plymouth.*
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SOCIETIES, INSTITUTIONS, ETC.

To which the Publications of the Mineralogical Society are sent.

(Those sending Publications in Exchange are marked with an asterisk.)

- LONDON : Royal Society, *Burlington House, W.*
Geological Society " "
Chemical Society " "
British Museum (Natural History), *South Kensington, S.W. 7.*
*Museum of Practical Geology, *28 Jermyn Street, S.W. 1.*
*Imperial Institute, *South Kensington, S.W. 7.*
*Institution of Mining and Metallurgy, *1 Finsbury Circus, London, E.C. 2.*
*'Science Progress' (care of Dr. Alex. Scott, *The University, Glasgow*).
- OXFORD : Department of Mineralogy, University Museum.
- NEWCASTLE-ON-TYNE : *North of England Institute of Mining Engineers.
- TRURO : *Royal Institution of Cornwall.
- HULL : Yorkshire Naturalists' Union. (*T. Sheppard, The Municipal Museums, Hull.*)
- LIVERPOOL : *Geological Society, *Royal Institution.*
- EDINBURGH : Royal Society.
*Geological Society, *Synod Hall Buildings, Castle Terrace.*
- GLASGOW : University of Glasgow.
*Geological Society, *207 Bath Street.*
- DUBLIN : Royal Irish Academy, *19 Dawson Street.*
- PARIS : *Société française de Minéralogie, *Sorbonne.*
- BRUSSELS : Société belge de Géologie, de Paléontologie et d'Hydrologie.
- LIÈGE : *Société géologique de Belgique.
- LEIPZIG : *Zeitschrift für Krystallographie und Mineralogie. (*Dr. Stefan Kreutz, Basztowa 8, Krakau, Galicia, Austria.*)
- STUTTGART : Neues Jahrbuch für Mineralogie, &c. (*Schweizerbart'sche Verlagshandlung*).
- BERLIN : Zeitschrift für praktische Geologie. (*Prof. Max Krahnemann, Berlin NW 40, Neues Tor 1.*)
- MUNICH : Technische Hochschule.
- HALLE : K. Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher,

- VIENNA : *K.-K. Naturhistorisches Hofmuseum, *Burgring*.
 K.-K. Geologische Reichsanstalt.
 *Tschermak's Mineralogische und Petrographische Mitteilungen. (*Prof. F. Becke, Mineralogisches Institut der Universität.*)
- KOLOZSVÁR (KLAUSENBURG) : Transylvanian National Museum.
 (*Mineralogisch-Geologisches Institut der Universität.*)
- UPSALA : *Kongl. Universitets-Biblioteket.
- HELSINGFORS : Administration des Mines.
- PETROGRAD : Mineralogical Society.
- ROME : *Ufficio Geologico, *Via Sta. Susanna*.
- NAPLES : *Società Reale, Accademia delle Scienze Fisiche e Matematiche.
- PISA : *Società Toscana di Scienze Naturali.
 *Il Nuovo Cimento. (*A. Battelli.*)
- PADOVA : *Rivista di Mineralogia e Cristallografia. (*Prof. R. Panbianco, The University.*)
- BUCAREST : Institut Géologique de Roumanie.
- SIMLA : The United Service Institution of India.
- HONG-KONG : The University Library.
- MELBOURNE : *Geological Survey Library, Department of Mines.
- SYDNEY : *Royal Society of New South Wales.
 *Australian Museum.
- WELLINGTON : New Zealand Institute.
- BULAWAYO : *Rhodesia Scientific Association, *P. O. Box 240*.
- CAPE TOWN : *South African Association for the Advancement of Science,
P. O. Box 1497.
- KIMBERLEY (South Africa) : Alexander McGregor Memorial Museum.
- NEW BRUNSWICK : Department of Mines, Nova Scotia.
- WASHINGTON (D. C.) : *United States Geological Survey.
 Smithsonian Institution.
- NEW YORK : *American Institute of Mining Engineers, *29 West 39th Street, New York City*.
- NEW HAVEN (Conn.) : *American Journal of Science.
- PHILADELPHIA (Penn.) : Academy of Sciences.
- BALTIMORE (Maryland) : Johns Hopkins University.
- CHICAGO : University of Chicago (*Journal of Geology*).
- LANCASTER (Penn.) : Economic Geology, *41 North Queen Street*.
- BERKELEY (California) : University of California.
- MANILA (Philippine Islands) : *Bureau of Government Laboratories.
- BUENOS AYRES : *Sociedad Científica Argentina.
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