

HENRY EDWARD

ARMSTRONG

F. R. S.

List of correspondence and papers in the
IMPERIAL COLLEGE ARCHIVES

IMPERIAL COLLEGE OF SCIENCE AND
TECHNOLOGY

(University of London)

List of the papers and correspondence of

HENRY EDWARD ARMSTRONG

F R S

preserved in the Imperial College Archives

HENRY EDWARD ARMSTRONG F.R.S. 1848 - 1937.

H. E. Armstrong was a student at the Royal College of Chemistry from 1865 to 1867, and Professor of Chemistry at the Central Technical College from its foundation in 1884, until 1913. He was therefore closely connected with two of the constituent colleges of the Imperial College.

Miss Nora Armstrong, the daughter of the Professor, presented the main body of the papers listed here to the Imperial College, in 1958. They probably represent only a fraction of the Professor's correspondence during his long and active life. Enough remains however to indicate the breadth and vigour of his interests.

J. Vargas Eyre consulted these papers when he wrote his biography of the Professor, which was published by Butterworths in 1958. A reference is given for any letter quoted in this book. All the letters, unless otherwise described, were written to the Professor and are holograph or signed typewritten letters. Most of them are loose but a few (mostly testimonials and letters of appointment) have been mounted in an album.

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- 1. General correspondence.
- 66. Diplomas, etc.
- 67. Related Material.

ABBREVIATIONS

- B.A. - British Association
 - C & G - City and Guilds
 - C.T.C. - Central Technical College
 - F.T.C. - Finsbury Technical College
 - R.C.C. - Royal College of Chemistry
 - R.S. - Royal Society
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ABEL, Sir Frederick. 1826 - 1902.

38. [April 26, 1884].
Mercers' Hall.
Life, p. 86. Unofficial notification that H. E. A. had been elected Professor of Chemistry at the Central Institution.
39. February 5, 1884.
Woolwich. Agrees with H. E. A. 's plans for Perkin dinner; will write to Hofmann.
40. March 6, 1884. Will be steward for Perkin dinner; arrangements for meeting.
41. September 17, 1888.
1, Adam [?] St. Will do what he can to promote Japp's interests.
42. November 8, 1890.
40, Cadogan Place. Will take part in Dr. Japp's entertainment.
43. March 30, 1894.
1-3. 55, Granville Park,
Lewisham. H. E. A. to Sir F. A.
Reasons for not applying for post at R. C. S. ; enmity of Thorpe; R. C. S. offers opportunity of establishing school of research; asks if Abel can introduce him to officials responsible for appointment, Acland etc.
221. April 9, 1894.
Imperial Institute. Encloses a letter written to him by Hofmann and a list of laboratory numbers also written by Hofmann in 1845. (222) Filed with other letters of Hofmann's.

ABNEY, Sir William de Wiveslie. 1843 - 1920.

44. April 1, 1894.
Meacham Hill,
Atherstone. Lockyer ardent supporter of H. E. A. 's application for R. C. S. post; would be enchanted to have H. E. A. as a colleague; enquiry about Heller.

ACHESON, Edward Goodrich. 1856 - 1931.

45. June 12, 1912.
1-2. The Acheson Co.,
Niagara Falls,
N. Y. Typewritten. Discussion of work of Prof. Mabery, is sending pamphlets about him; thanks for kindness when in London.

ALBRIGHT, George Stacey. 1855 - 1945.

46. July 26, 1893. Asks if H. E. A. can help him find
The Elms, chemist to replace Rossiter.
Edgbaston.

ALLEN, Alfred Henry. 1847 - 1904.

47. March 17, 1884. Enquires probable expenses of
6, Ash Mount, Perkin dinner before accepting
Sheffield. office of Steward.

AMERY, Leopold Charles Maurice Stennett. 1873 - 1955.

48. March 8, 1937. Typewritten. Agrees that nothing
112, Eaton Square. is to be gained by weak concession
to Germany's demand for colonies.

ARMSTRONG, Henry Edward. 1848 - 1937.

14. July 1871. Memorandum between H. E. A.
and Longmans and Co. for pub-
lication of 'Treatise on Organic
chemistry'.

522. May 24, 1873. To Professor Wichelhaus. Points
London Institution. out errors in reports of his ex-
periments in the 'Berichte', etc.
Draft.

101. 1874. Printed. Testimonials for H. E. A.
for above post. 12 p. Brochure.

255. June 30, 1874. Application for chair of chemistry
1-3. London Institution. at Yorkshire College of Science.

17. List - 'Titles of published papers'
1874 c.

100. April 1st, 1875. Printed. Letter of application
London Institution. for the Jacksonian Professorship.
M.S. note at end by H. E. A.

18. January 1879. To the research fund, Committee
London Institution. of the Chemical Society. Asks for
grant of De la Rue donation of £100
for single research, to obtain pure
metals, etc.

105, September 26, 1879. Application for post of Lectureship
106. London Institution. in Chemistry at Cowper Street,
with covering letter.

ARMSTRONG, Henry Edward. [continued.]

277. March 28, 1882. To the Registrar, University of
 London Institution. London: application for the vacant
 examinership in Chemistry.
112. July 25, [1886.] Draft. To P. Magnus. Explanations
 about employment of Wynne without
 the sanction of Committee.
43. March 30, 1894. To Sir F. Abel. Reasons for not
1-3. 55, Granville Park. applying for post at R.C.S.
265. March 30, 1894. Draft. To Sir N. Lockyer. Explains
1-5. Central Institution. motives for wishing to change present
 post for Chair at R.C.S., now vacant.
509. January 24, 1900. To Sir D. Wallace. Acceptance of
 Central Technical College. terms for writing an article for the
 Encyclopaedia Britannica.
80. July 6, 1903. To Sir W. Bousfield. His opinion of
1-3. Central Technical College. Lord Rosebery's proposals for the
 See Life, p. 151. establishment of " London
 Charlottenburg. "
114. May 1, 1913. To Sir J. Wolfe Barry. Asks if he
 55, Granville Park. may continue to do research work at
 the City and Guilds College.

ARRHENIUS, Svante August. 1859 - 1927.

49. August 3, 1888. Postcard. In German. Enquires
 Upsala, Sweden. about the delay in publication of his
 comments on H.E.A.'s review of
 a book by Oliver Lodge.
50. November 28, 1902. In German. Thanks for congratul-
 Stockholm. ations on the award of the Davy medal;
 hopes that his theory of electrolytic
 dissociation may continue to be im-
 proved; regrets that he cannot receive
 medal in person.

ATKINSON, Edmund. 1831 - 1901.

51. March 12, 1884. Will act as Steward at Perkin
 Portesbery Hill, dinner.
 Camberley, Surrey.

ATTFIELD, John. 1835 - 1911.

52. March 13, 1884. Will act as Steward at the Perkin
Ashlands, Dinner.
Watford.

AYRTON, William Edward. 1847 - 1908.

53. December 18, [1882]. Estimates on lamps required in
Cowper Street. the new college.
54. December 22, 1882. From Arthur C. Cockburn. Gives
C.G.L.I. Technical list of electric lamps for physics.
College, Cowper St.
55. July 9, 1903. To W. Bousfield. Comments on
41, Norfolk Square. Lord Rosebery's scheme for
the foundation of the Imperial
College [see letter no. 80];
criticism of separation of under-
graduate and postgraduate
students. [Marked in pencil -
'not used'.]

BAEYER, Johann Friedrich Wilhelm Adolf von. 1835 - 1917.

56. March 12, 1888. In German. Will be glad to see
Munich. H. E. A. 's pupil, Sydney William-
son, in his laboratory next term.
Comments on theory of H. E. A. 's.

BAKER, Herbert Brereton. 1862 - 1935.

57. March 20, 1922. Thanks for H. E. A. 's encourage-
Imperial College. ment of his work.

BALFOUR, Arthur James. 1st Earl of Balfour. 1848 - 1930.

58. July 24, 1896. Thanks for copy of Hofmann
10, Downing St. Memorial lecture.
59. July 24, 1925. Typewritten. Encloses obser-
4, Carlton Gardens, vations on Faraday celebrations;
Pall Mall. enquires what H. E. A. means by
expression 'bureaucratic control
of scientific research'.

BARLOW, William. 1845 - 1934.

60. March 18, 1926.
Elm House,
Stanmore. Detailed technical comments on
new research of Bragg's, which
supports new conception of ben-
zine.
61. November 19, 1929.
55, Granville Park. H. E. A. to Barlow. Technical
letter on close packing [?] and
benzine derivatives.

BATESON, William. 1861 - 1926.

62. May 6, 1915.
John Innes Horti- Enquires whether H. E. A. could
cultural Institute, tell War Office about experiments
The Manor House, on eradication of prickly pear
Merton, Surrey. he saw in Queensland.
63. May 6, 1915. Remarks on some deadly gas.
The same.

BATHURST, Sir Charles. 1st Viscount Bledisloe. 1867 - 1958.

64. May 16, 1936. Comments on complacency of
Lydney Park, British agriculturists.
Gloucs.

BAYER, Friedrich, and Co.
[Firm founded in 1881].

65. July 8, 1891. Thanks for assistance in patent
Elberfeld. suit.

BEALE, Sir William Phipson. 1839 - 1922.

66. March 14, 1884. Will act as Steward at the Perkin
19, Upper Phillimore Dinner.
Gardens.
67. June 19, 1914. Interesting reminiscences and
2, Whitehall Court. comments on Ludwig Mond, a
fellow student in Germany.

BEDDARD, Frank Evers. 1858 - 1925.

68. February 19, Agrees with opinions of H. E. A. 's
Zoological Society, printed suggestions on Royal
Regent's Park. Society which he hopes to discuss
with him.

BEHAL, Auguste. 1859 - 1941.

70. January 29, 1898. In French. Congratulations on
La Fresnaye, H. E. A. 's study of Berthelot.
Menecy, S. et O.

BEILBY, Sir George Thomas. 1850 - 1924.

69. October 30, 1884. Regrets having missed H. E. A. ;
Oakbank Co. Ltd. , hopes to see him in London.
224, Ingram St. ,
Glasgow.

BEILSTEIN, Friedrich Konrad. 1838 - 1906.

71. February 4/16, 1895. In German. Typewritten.
St. Petersburg. Pleasurable memories of his
visit to Oxford; his opinion of
Roscoe's country life; seasick-
ness on return journey; present
shortage of good assistants which
hinders his work on textbook of
Organic Chemistry; understands
that H. E. A. has Griess' last
papers; asks him to let these
treasures be published. Enquiry
about H. E. A. 's suggestions for
nomenclature.

BELL, James. F.R.S. 1825 - 1908.

72. March 15, 1884. Will act as Steward at Perkin
Laboratory, Dinner.
Somerset House.

BERNSTHEN, Heinrich August. 1855 - 1931.

73. January 5, 1895. In German. Thanks for informa-
Mannheim. tion on production of Trichlornaph-
thalene.
74. February 25, 1897. In German. Explanations about
Ludwigshaven. a misunderstanding over the use
of H. E. A. 's services in a law-
suit about Rhodamine.

BERRY, Francis.

75. November 2, 1931. Invitation to dinner.
73, Wimbledon Hill.

BERTHELOT, Pierre Eugene Marcelin. 1827 - 1907.

76. February 24, 1894. In French. Letter of introduction for a Swiss chemist, Chroustehoff [?].

BLOXAM, Arthur George. 1866 -

77. November 3, 1893. Returns M.S. which is to be published in Institute journal.
Goldsmiths' Institute,
New Cross.

BLOXAM, Charles. 1831 - 1887.

78. March 12, 1884. Is unable to act as Steward at the
King's College. Perkin Dinner.

BONE, William Arthur. 1871 - 1939.

79. September 24, 1929. Sends his account of his impressions of W.H. Perkin; own ill health.
Montrose,
Harpenden Road,
St. Albans.

BOUSFIELD, Sir William. 1842 - 1910.

80. July 6, 1903. From H.E.A. Gives opinions of Lord
1-3. Central Technical Rosebery's proposals on establish-
College, ment of a 'Charlottenburg for London'.
See Life, p.151.

BRAGG, Sir William Henry. 1862 - 1942.

81. June 17, 1925. Letter of congratulation.
Royal Institution.
82. April 14, 1934. To E.F. Armstrong. Unable to
The same. accept dinner invitation.

BRAMWELL, Sir Frederick. 1818 - 1903.

83. November 13, 1894. Typewritten. Arrangements for
5, Great George St., lectures at Royal Institution.
Westminster.
84. May 23, 1898. Thanks for support in election of
Holmwood, Four Trueman Wood.
Elms, Edenbridge,
Kent.

BRISTOW, Richard Rhodes. Vicar of St. Stephen's,
Lewisham, Kent. 1839c - 1914.

8. December 2, 1870. To the Council of King's College
St. Stephen's Vicar- London. Testimonial.
age, Lewisham.

BRITISH ASSOCIATION FOR ADVANCEMENT OF SCIENCE.

22. December 11, 1884. From T.G. Bonney, Secretary.
22, Albemarle St. Request that H. E. A. will act
as President of Section B
[chemistry] at the Aberdeen
meeting.
27. Round robin from members, -
written by H. E. A. urging dis-
cussions on methods of scien-
tific education at the annual
meetings.

BROWN, Alexander Crum. 1838 - 1922.

85. March 15, 1884. Unable to attend Perkin dinner
8, Belgrave Crescent, because of Edinburgh Univer-
Edinburgh. sity tercentenary celebrations
at same time.
86. February 10, 1891. Accepts nomination as President
The same. of the Chemical Society.

BROWN, Horace Tabberer. 1848 - 1925.

87. March 10, 1884. Will come with his wife to the
47, High Street, Perkin dinner; difficulties of
Burton on Trent. carrying out original work.
88. May 2, 1884. Congratulations on appointment
The same. to Central Institution; family news.

BROWN, James Campbell. 1843 - 1910.

89. March 19, 1884. Will act as Steward at the Perkin
University College, Dinner.
Liverpool.
90. February 29, 1894. Asks if H. E. A. can get paper from
27, Abercromby Sq., one of his students into Chem. Soc.
Liverpool. Journal at early date; details of
student (illegible) and his research;
asks H. E. A. to help him.

BRUHL, Julius Wilhelm. 1850 - 1911.

91. September 30, 1887. In German. Thanks for agree-
5, Marienstrasse, able visit to London; his sub-
Freiburg. sequent visit to Oxford; hopes to
see H. E. A. in Heidelberg.
92. September 9, 1904. In German. Pleasure in remem-
Hotel Bear, brance of his recent visit to Eng-
Grindenwald. land; appreciation of H. E. A.'s
sympathetic family circle.

BRUNNER, Sir John Tomlinson. 1842 - 1919.

93. July 11, 1918. Dictated. Asks for copy of his
Silverlands, notes on Mond, lent to H. E. A.:
Chertsey. Brunner Mond will probably lend
him papers on history of Cheshire
salt.

BRUNNER, Roscoe. 1871 - 1926.

94. July 17, 1918. Typewritten. Sends valuable
Brunner Mond & Co., collection of papers on salt
Winnington, [see 93].
Northwich.

BRUNTON, Sir Thomas Lauder. 1844 - 1916.

95. March 30, 1883. Enquiry about doubtful elements
50, Welbeck Street. for inclusion in his 'Materia
Medica'.
96. April 30, Dictated. Sends copies of his
10, Stratford Place, books on digestion and assimi-
Cavendish Square. lation; references to enzymes,
comments on Metchnikoff and
intracellular digestion.

BRYCE, James. Viscount Bryce. 1838 - 1922.

97. July 6, 1906. Unable to attend dinner because
House of Commons. of debate in House.

BURDON - SANDERSON, Sir John Scott. 1828 - 1905.

98. August 8, 1884. Asks H. E. A. to co-operate in
1-3. 50, Banbury Road, researches into question of
Oxford. 'physiological action of those
aromatic bodies which are known
experimentally to arrest the
development and life of organised
ferments' which they had discussed
together and research on which
was being carried out by his
assistant Laws.

BUTLER, Nicholas Murray. 1862 - 1947.

99. July 5, 1930. Congratulations on the award of
116 Street, the Albert medal.
Broadway, New York.

CAMBRIDGE PHILOSOPHICAL SOCIETY.

28. May 30, 1914. From the President, A. E. Shipley.
The Museums, Printed letter. Election as
Cambridge. Honorary Member of the Society.

CAMBRIDGE. The University. Jacksonian Professorship.

100. April 1, 1875. Printed. Letter of application for
London Institution. the Professorship from H. E. A.
101. 1874. Printed. Testimonials for H. E. A.
for above post. 12 p. Brochure.

CARO, Heinrich. 1834 - 1910.

102. April 29, 1893. Hofmann's death; remarks on
Mannheim. unreliability of statistical data
showing progress of coal tar
industry.

CHANCE, Alexander, M 1844 - 1917.

103. March 17, 1884. Thinks it best not to act as
Westfield Road, steward at the Perkin dinner.
Edgbaston.

CHRISTIE, Sir William Henry, Mahoney. 1845 - 1922.

104. April 10, 1889. Discusses claims of [Isaac ?]
Royal Observatory, Roberts and [Charles ?] Todd for
Greenwich. election to [Royal Society ?].

CITY AND GUILDS OF LONDON INSTITUTE.

25. July 26, 1895. From A. L. Soper. Typewritten.
Gresham College, Grant of leave of absence for
Basinghall St. two months in order to take up
American lectureship for Sir
John Lawes Agricultural Trust.
30. September 25, 1906. Reappointment as Professor at
The same. the Central Technical College
for 1907. Loose pencilled note
states that H. E. A. 's post was
annually renewed in this manner.
- 105, September 26, 1879. From H. E. A. to the Secretary.
106. London Institution. Application for post of Lecture-
ship in Chemistry at Cowper
Street, with covering letter.
107. January 19, 1881. From Philip Magnus. Partly
Gresham College. printed; dictated. Renewal of
H. E. A. 's appointment.
108. March 4, 1881. From Philip Magnus. The
Gresham College. building of the Finsbury College
is to proceed.
109. Undated, but must be Short list of candidates for
1884. professorships at the Central
Institution.
110. April 30, 1884. From Philip Magnus. Covering
Gresham College. letter for formal announcement
of appointment as Professor.
111. July 20, 1886. From Philip Magnus. Sanction
Central Institution. of appointment of Miers and
Moody; asks why Wynne has been
employed without this sanction.
112. July 25, [1886]. From H. E. A. Draft. Acknowledge-
ment of 111; explanations about
Wynne.
113. February 24, 1890. From Professor Unwin [?]
Central Institution. arrangement for meeting of Board
of Studies, etc. Initialled by the
Professors.

CITY AND GUILDS OF LONDON INSTITUTE. [continued.]

114. May 1, 1913. Typewritten copy. From H. E. A.
55, Granville Park. to Sir J. Wolfe Barry. [Taken from
an I. C. file and inserted here.]
Asks if he may continue to do research
work at the Imperial College.
115. May 7, 1913. From Wolfe Barry to Sir A. Keogh.
Delahay House. Comments on (114.)

CLAISEN, Ludwig. 1851 - 1930.

116. April 28, 1900. In German. To E. F. Armstrong.
Chemical Institute, Fischer's illness; crowded state of
Kiel University. laboratories; has been unable to
obtain acetale by E. F. A. 's process
and suggests that earlier success
may have been due to impurities in
alcohol; asks him to repeat experiments.
117. July 15, 1900. In German. To the same. Has been
The same. unable to obtain acetale using pure
alcohol in the fifty odd experiments
he has made.
118. August 26, 1908. In German. To the same. Regrets at
Augustastrasse, 24, delay in sending testimonial; his absence
Godesberg am Rhein. on sick leave from the University of Berlin,
where he is now an Honorary Professor.
119. Précis of letters 116 and 117 above,
probably written by E. F. Armstrong.

CLARKE, George Sydenham. 1st Baron Sydenham of Combe. 1848 - 1933.

120. January 16, 1916. Chocolate an excellent portable
101, Onslow Square. military food; comments on the tragic
results of incompetent government
leadership in the war.
121. February 22, 1916. Is still hammering away at the cocoa
The same. question; further remarks on
incompetence of the government.

CLEVE, Per Teodor. 1840 - 1905.

122. May 3, 1896.
Upsala. Will visit England shortly, to study microscopical organisms in the Atlantic at Plymouth, etc.; asks if Armstrong family will receive his daughter to learn to speak English while he does his research. Explains his new interest in microscopical studies.
123. May 17, 1896.
Upsala. Glad that H. E. A. can receive his daughter; further details of plans for travel in England; comments on currents in North Sea.

CLOWES, Frank. 1838 - 40 c. - 1923.

124. March 17, 1884.
University College,
Nottingham. Suggestion about walking tour in Derbyshire; will act as steward at Perkin dinner.
125. April 29, 1884. Congratulations on Central Institution appointment.

COLLENS, Edward.

126. March 19, 1884.
[?]dington. Will act as steward at the Perkin dinner.

COLLIE, John Norman. 1859 - 1942.

127. November 23, 1894.
Chemical Laboratory,
University College. Thanks H. E. A. for proposing him as member of the Royal Society.

COURTAULD, Samuel Augustine. 1865 - 1953.

128. October 15, 1896.
19, Aldermanbury,
E. C. (Samuel
Courtauld Ltd.) From F. Nettlefold. Sydney Courtauld and he will visit H. E. A. at College about appointment of one of his students to the firm.
129. October 26, 1896.
Bocking Place,
Braintree, Essex. Describes arrangements for employment in firm of Mr. Davis, a pupil sponsored by H. E. A.

See entry for W. A. Davis, in C. & G. register, 1936. He was a research chemist at Courtaulds' and later member of C. & G. staff.

CRICHTON - BROWNE, Sir James. 1840 - 1938.

130. April 11, 1923. Appreciation of H. E. A. 's
Crindau, Dumfries. remarks on Dewar. Sends
enclosure from a Mrs. Hart.

CROOKES, Sir William. 1832 - 1919.

131. January 17, 1887. Thinks it best not to attend
7, Kensington Park Chemical Society meeting as
Gardens. he may be proposed as next
President.
132. March 14, 1887. Will give H. E. A. 's assistant
The same. drawings for exhibition, pre-
fers not to show his photographs
as they are not of high enough
standard.
133. November 8, 1890. Typewritten note. Will attend
The same. dinner for Dr. Japp.
134. February 14, 1895. Typewritten. Will send H. E. A.
The same. his Argon photographs; comments
on cold and efforts to keep water
system working.
135. August 3, 1910. Thanks for congratulations on
Sark, C.I. receiving O. M.
136. August 17, 1912. Thanks for a letter; best wishes
7, Kensington Park for salmon fishing.
Gardens.

CROSS, Charles Frederick. 1855 - 1935.

137. March 9, 1896. Detailed letter about course of
Laboratory 4, research on straw cellulose
New Court, and plans for its publication;
Lincoln's Inn. [Cross later patented processes
for treatment of cellulose].

CURIE, Marie. 1867 - 1934.

138. May 16, 1909. In French. Unable to attend
Laboratoire de Congress of Applied Chemistry
Physique Générale, for various reasons, illness of
12, Rue Cuvier member of family amongst them.
Paris.

DARWIN, Sir George Howard. 1845 - 1912.

139. February 7, 1894. Unable to attend Committee
Newnham Grange, meeting.
Cambridge.

DAVIS, George Edward. 1850 - 1907.

140. March 15, 1884. Unable to act as steward at the
Fallowfield, Perkin dinner.
Manchester.
141. January 21, 1885. Will send samples of liquid
Thorncliffe, from gas made at various temp-
Belmont, eratures.
Nr. Sheffield.
142. January 18, 1886. When recovered from an illness
The same. will send drum of hydrocarbons
absorbed and regained from gas.
143. February 3, 1886. Has sent a tin 'advised as
The same. creosote' of 'stuff scrubbed out
of our gas by oil'.

DE LA RUE, Warren. 1815 - 1899.

144. March 11, 1884. Will act as steward at Perkin
73, Portland Place. dinner.
101. Testimonial, p. 6. Printed letter, addressed to electors of
the Jacksonian Professorship, April 5, 1875.

DEWAR, Sir James. 1842 - 1923.

145. November , 1890. Will attend the dinner to Dr.
Royal Institution. Japp.
146. November 3, 1911. Congratulations on the award of
The same. the Davy medal.
147. November 24, 1915. Advice about attending meeting
The same. of the Royal [Society ?].

DICKINS, Frederick Victor. 1838 - 1915.

148. May 30, 1894. Arrangements for students;
University of London, appreciation of an address of
Burlington Gardens. H. E. A. 's and of his work as an
Examiner.

DIXON, Harold Baily. 1852 - 1930.

149. March 18, 1884. Will act as Steward at the Perkin
Trinity College, dinner.
Oxford.
150. November 23, 1896. Discusses possibilities of H. E. A. 's
Birch Hall, election to External examinership
Rusholme, Manchester. [at University of Manchester ?].

DOWSON, Joseph Emerson. 1844 - 1940. Inventor.

151. January 8, 1895. Dictated. Asks H. E. A. if he can
39, Old Queen Street. recommend a student who would
assist in experimental work.

DUISBERG, Friedrich Carl. 1861 - 1935.

152. August 29, 1893. In German. Typewritten. Is
Elberfeld. sending H. E. A. a kilogram of
Benzidin hoping that he will be
able to discover the constitution
of Tetrabromazobenzol. He
cannot sell him a black dyestuff
of the type 'Dis-Triazofarbstoff'
which would be light sensitive
enough for photographic applic-
ations. Prof. Eder in Vienna is
investigating the light sensitivity
of their dyestuffs.

DUMAS, Jean Baptiste Andre. 1800 - 1884.

537. February 14, 1867. In French. Appreciates honour of
Paris. election to Chemical Society, does
not yet know when he will be free
to visit London.

DUNSTAN, Sir Wyndham Rowland. 1861 - 1949.

154. April 27, 1893. Thanks for influence in his [elec-
Chemical Society. tion to Royal Society ?]; Chemical
Society matters, etc.

DUPRE, August. 1835 - 1907.

155. March 17, 1884. Will act as Steward at the Perkin
Laboratory, dinner.
Westminster
Hospital.

ERDMANN, Hugo. 1862 - 1910.

156. September 27, 1888.
Halle. In German. Sends copy of article on his research on the constitution of naphthalene derivative which he hopes will be reviewed favourably in England.

EVANS, Sir John. 1823 - 1908.

157. October 15, 1896.
Nash Mills,
Hemel Hempstead. Account of meeting of Lawes trust, suspension of H. E. A.'s work as lecturer so that digest of Rothamsted work might be proceeded with.

EVANS, John Castell.

158. January 17, 1882.
Cowper Street. Account of work at the school, students, during H. E. A.'s absence.

[See Life by Eyre, pp. 73-4, also pp. 286-7].

FENTON, Henry John Horstmann. 1854 - 1929.

159. June 14, 1905.
19, Brookside,
Cambridge. Technical letter on chemistry; formation of hydrazine.
160. November 16, 1913.
The same. Thanks for paper; is now slave to examinations with little time for research.

FIELD, Henry W . 1803 - 1888.

161. March 16, [1884?].
Munster Lodge,
Teddington. Is now confining himself to his family and friends [therefore will not attend Perkin dinner ?].

FISCHER, Emil. 1852 - 1919.

162. November 9, 1890.
Wurzburg. In German. Thanks for letter about award of the Davy medal; unable to attend the presentation.
163. July 5, 1901.
Hessische Strasse 1-3,
Berlin. In German. Comments on W. J. Pope's research and its influence; he has given the first evidence for the existence of active quaternary ammonium compounds.

FISCHER, Emil. [continued].

164. December 24, 1905.
Address as 163. To Dr. E. F. Armstrong. In German. Typewritten. Congratulations on E. F. A. 's engagement; hopes he will keep up his relations with pure science; and also continue his experiments on carbohydrates to prove the existence of maltose; he himself is working on proteins and polypeptides.

FISHER, Walter William. 1842 - 1920.

165. 2, Park Crescent,
Oxford. Will attend Perkin dinner.

FITZGERALD, George Francis. 1851 - 1901.

166. November 28, 1888.
School of Engineering,
Trinity College,
Dublin. Unable to give lecture on vortex atoms and theory of matter etc. owing to complexity of subject and inability to take on extra work; recommends J. J. Thomson or Hicks as lecturer.

FLEMING, Sir John Ambrose. 1849 - 1945.

167. September 18, 1916.
Pender Electrical
Laboratory, University
College, Gower St. Agrees with H. E. A. 's article in Evening Standard; disastrous state of country; trying to get inventions inspected by Ministry of Munitions.

FLETCHER, Alfred.

168. March 20, 1884.
5, Edge Lane,
Liverpool. Will act as steward at the Perkin dinner.

FOSTER, George Carey. 1835 - 1919.

169. March 17, 1884.
University College,
London. Will act as steward at the Perkin dinner.

FOSTER, George Carey. [continued].

170. April 7, 1884.
University College. Refers to paper by Mendeleev on Expansion of liquids, which has led him to revise judgement on paper by Hannay in 1873 which he had not recommended Chem. Soc. to publish; asks that this may be put right.

FOSTER, Sir Michael. 1836 - 1907.

171. March 13, 1884.
Cambridge. Postcard - two words only - 'with pleasure' [acceptance of invitation to Perkin dinner].
172. November 15, [1890].
Shelford. Difficulties with President [of R. S.] over address; advice about H. E. A. 's statement on Emil Fischer; regret he was not appointed to Christ's Hospital.

FRANKLAND, Sir Edward. 1825 - 1899.

4. November 28, 1870.
1-4. Royal College of Chemistry, 315, Oxford Street. To the Council of King's College. Testimonial for post of Demonstrator.
173. Copy of no. 4.
174. April 3, 1875.
Royal College of Chemistry, South Kensington Museum. To the electors to the Jacksonian Professorship - testimonial for H. E. A. Printed in 101, p. [3] there wrongly dated 1874.
175. September 21, 1879.
Mona View, Penmaenmawr. Encloses testimonial for lectures for City and Guilds; advice about fee, etc.
176. September 20, 1879. Testimonial for lectures.
177. November 7, [1890].
As 178. 'Most gladly' [will attend Japp dinner].
178. November 12, 1890.
The Yews, Reigate Hill, Surrey. Will take the chair at the Japp dinner.

FRANKLAND, Percy Faraday. 1858 - 1946.

179. January 24, 1893.
University College,
Dundee. Asks H. E. A. if he will accept nomination for LL.D. of University of St. Andrews.
180. June 11, 1894.
The same. Thanks for congratulations on Birmingham post; understands why H. E. A. could not give him testimonial, because of prior claims of Wynne and Kipping.

FRESENIUS, Carl Remigius. 1818 - 1897.

181. March 10, 1879.
Wiesbaden. In German. Corners torn. Writes on behalf of an F. Bergmann who founded a new publishing house a year ago taking over from G. W. Kreidel; encloses a prospectus for a technical dictionary which Bergmann would like to have reviewed by some leading English professional journals and asks how this can be achieved; heard of H. E. A.'s marriage in a letter passed on by Hutchinson; news of his own family; laboratory work, editorship, etc. leave him little time for research.
182. December 15, 1880.
Chemical Laboratory,
Wiesbaden. In German. Letter of introduction for Dr. P. Radhausen.
183. December 6, 1895.
Wiesbaden. In German. Thanks for splendid diploma from Chemical Society. Regrets that he had not been able to see H. E. A. in Wiesbaden.

FRIEDEL, Charles. 1832 - 1899.

184. August 16, 1894.
15, Norham Gardens,
Oxford. In French. Unable to accept invitation.

FRISWELL, Richard John. 1849 - 1908.

185. October 8, 1893. Business bad in Hackney Wick
1-2. 115, Darent Road, works; German profits in aniline
Stamford Hill. colours; lists prices; isomers
crowding up chemical species
very slightly differing from
others already in the market,
difficulties of sale etc.

GALTON, Sir Francis. 1822 - 1911.

186. February 27, 1896. Unable to attend Catalogue
42, Rutland Gate. Committee meeting, explains
reasons why he would have
supported inclusion of anthro-
pology 'in all its fullness'.

GARNETT, William. 1850 - 1932.

187. October 25, 1893. Sends copy of Science Class
L. C. C. Technical circular, explanation of plans
Education Board, for others, etc.
13, Spring Gdns.

GLADSTONE, John Hall. 1827 - 1902.

188. March 11, 1884. Will act as steward at the Perkin
17, Pembroke Sq. dinner.
189. June 2, 1886. Suggests subject H. E. A. might
The same. raise at School Education Commit-
tee of B.A. of which he is secre-
tary.

GORDON, Hugh.

190. November 26, 1893. Ill health has prevented him sending
3, Courtfield Gdns. M.S.S., comments on Berthelot's
book on Lavoisier.

See Eyre's life of H. E. A., pp. 272-3, for note on Gordon.

GREAT BRITAIN. Pharmaceutical Society.

24. May 3, 1893. Election as Honorary member of the
17, Bloomsbury Society.
Square.

GRIESS, Peter. 1829 - 1888.

191. October 15, 1880. In German. Gives details of his
 The Brewery, recent experiments with
 Burton on Trent. Naphtholdisulphuricacid and
 sends samples of the three barium
 salts obtained - Claus of Freiburg
 also interested in this field of
 research; would like to know if
 H. E. A. means to work on it.
192. March 13, 1884. Will act as steward at the Perkin
 The same. dinner.

GRIFFITHS, Ernest Howard. 1851 - 1932.

193. October 10, 1900. Explains motives in applying for
 12, Park Side, Professorship of Experimental
 Cambridge. Physics at Oxford, asks for
 testimonial.

GROVE, Sir William Robert. 1811 - 1896.

194. June 14, 1893. Can now present photograph of him-
 115, Harley St. self to Chemical Society collection.

GROVES, Charles Edward. 1841 - 1920.

195. August 8, 1880. Discusses Longman's terms for
 88, Upper Remington the publication of their joint
 Lane. book 'Miller's Organic Chemistry'.
 See Life, p.58.

GUYE, Philippe Auguste. 1862 - 1922.

196. January 7, 1895. In French. Discusses exchange
 University of of Journal of Chemical Soc. for
 Geneva. 'Archives des sciences physiques
 et naturelles de Genève'.

HALLEVY [?], A

197. March 1, 1893. In French. Thanks for joining
 Institut Chimique, with Ramsay in putting his name
 Academie de Nancy before the Chemical Society
 Cabinet du Directeur. [presumably for membership].
198. April 14, 1918. Discussion of publication of
 10, rue Vauquelin, Anglo French chemical work;
 Paris. the war, death of his son;
 present bombardment of Paris.

HALLIBURTON, William Dobinson. 1860 - 1931.

199. February 16, 1915. Criticises memorandum of H.E.A.'s
Church Cottage, which combines questions of re-
17, Marylebone Road. organisation of British Science with
that of the Royal Society.

See also 212, 249.

HANSEN, Emil Christian. 1842 - 1909.

200. n.d. To E.F. Armstrong. Encloses
Carlsberg Laboratory, testimonial.
Copenhagen.

HARCOURT, Augustus George Vernon. 1834 - 1919.

201. March 18, 1884. Will act as steward at the Perkin
Oxford. dinner.
202. January 10, 1917. Will sign Carpenter's certificate
St. Clare, Ryde, [for R.S.]; old age makes travel-
I.O.W. ling to London difficult.

HARDY, Sir William Bate. 1864 - 1934.

203. November 26, 1929. Typewritten. Asks about Hatchett's
D.S.I.R., 16, Old contributions to chemistry.
Queen Street.

HARMSWORTH, Alfred Charles William. Viscount Northcliffe.
1865 - 1922.

204. November 1, 1916. Typewritten. Thinks paper
The Times. shortage will prevent printing of
some important letters which he
is forwarding to the Editor.

HARTLEY, Sir Walter Noel. 1846 - 1913.

205. March 12, 1884. Cannot attend Perkin dinner.
Royal College of Science, Has heard that Lunge is to be
Stephen's Green, approached about C. & G.
Dublin. Professorship.
206. April 30, 1884. Congratulates him on Guilds
The same. appointment; relieved he has not
been appointed himself.

HARTLEY, Sir Walter Noel. [continued].

207. April 17, 1893. Asks H. E. A. 's help in securing post at Somerset House where he wishes to be transferred.

HEATON, Charles William. 1835 c. - 1893.

208. March 14, 1884. Will serve as steward at the Charing Cross Perkin dinner. Hospital.

HEHNER, Otto. 1853 - 1924.

209. June 23, 1908. Apologies for having unintentionally hurt H. E. A. by opinions expressed in a recent speech. Laboratory, 11, Billiter Sq.

HENDERSON, John. 1862 - 1938.

210. June 22, 1929. Typewritten. Arrangements for meeting W. W. Cobbett. 109, Corringham Road, N. W. 11.
211. June 26, 1929. Typewritten. Glad that matters are arranged with Cobbett. The same.

HERDMAN, Sir William Abbott. 1858 - 1924.

212. February 15, [1915]. Criticises circular attacking Croxteth Lodge. Royal Society and its attitude to war, [and apparently the Secretary Sir J[ohn] R[ose] Bradford] which he refuses to sign on various grounds.

See also 199, 249.

HERKOMER, Sir Hubert. 1849 - 1914.

213. November 8, 1895. Thanks for a letter. [Almost indecipherable]. Lululaind, Bushey.

HEYDEN, Friedrich von.

214. August 3, 1879. In German. Sends specimens Dresden. [associated with the Salycilic acid patent suit ?] for H. E. A. 's chemical collection.

HILL, Sir Arthur William. 1875 - 1941.

215. December 3, 1925. Typewritten. Describes letters
Royal Botanic Gdns., by Horace Brown in the Kew
Kew. archives.

HODGKINSON, William Richard. 1851 - 1935.

216. January 21, 1883. Arrangements for chemistry
Department of meetings to be held at the
Science and Art Royal College of Chemistry.
paper.
217. n. d. , but must be 're dinner - certainly' [can
March, 1884. attend Perkin dinner].
No address, but
paper as above.

HOFMANN, August Wilhelm. von. 1818 - 1892.

218. May 4, 1884. To Sir F. Abel. Describes his
10, Dorotheastrasse pleasure in his recent visit
[Berlin]. to England for the Perkin
dinner, recalls his early days
when at R. C. C.
219. November 6, 1890. Explains why he will not be able
The same. to come to the jubilee celebra-
tions of the Chemical Society.
220. November 23, 1891. Lists a number of enquiries
The same. about the life and family of
Peter Griess [written on back
of circular].
221. April 9, 1894. From Sir F. Abel. Encloses
Imperial Institute. 218 and 222. With cover.
222. 'original list of the Giessen
numbers written out by Hofmann
for me, who as Junior Assistant
under Blyth and Bleibtrau in 1845 -
6 had charge of giving these rules
to students - and which I carried
about in my Lab. Coat Pocket for
5 years'. Extract from 221.
[Paper is very worn, and is
preserved in its former folds, in
Abel's envelope to H. E. A.].

HOLZMANN, Sir Maurice. 1835 - 1909.

223. March 12, 1884. Thinks it best not to attend the
Marlborough House. Perkin dinner.

HOPKINS, Sir Frederick Gowland. 1861 - 1947.

224. January 26, 1906. Thanks for a letter on recent work of Moore's; discussion of Stafford House, Wordsworth Grove, Newnham, Cambs. his views; thanks for H. E. A. 's 'Mechanics of Fire', hopes his son will visit Cambridge.
225. November 17, [1929]. Thanks for congratulations on the award of the Nobel prize. 71, Grange Road, Cambridge.
226. December 28, 1932. Describes difficulties on The same. revision of medical tripos.

HORSLEY, Sir Victor Alexander. 1857 - 1916.

227. June 15, 1890. Assesses contribution of Dr. 80, Park Street, Grosvenor Square. Ferrier to study of Cerebral localisation; refutes accusations of inaccuracy and lack of originality; etc.

N.B. David Ferrier, F.R.S., was a Royal medallist in 1890. He is also alluded to in 172.

HOWARD, David. 1839 - 1916.

228. December 23, 1890. Arrangements for presentation of Rectory Manor, testimonial to Tyrer. Walthamstow, Essex.

HUGGINS, Sir William. 1824 - 1910.

229. February 5, 1901. Agrees with H. E. A. 's opinion on address [to new sovereign]. 90, Upper Tulse Hill, S. W. Thinks it would be insult not to ask King to be Patron.
230. June 4, 1902. Thanks for congratulations on The same. award of O. M.

HUNTINGTON, Alfred Kirby.

231. March 17, 1884. Will act as steward at the Metallurgical Perkin dinner. Laboratory, King's College, London.

HUTCHINSON, Arthur. 1866 - 1937.

232. July 14, 1889.
Christ's College,
Cambridge. Explains why he will not be able to attend H. E. A. 's research class; is going to study under Emil Fischer, following H. E. A. 's advice.

HUXLEY, Leonard. 1860 - 1933.

233. April 12, 1922.
Cornhill Magazine,
50a, Albemarle St. Discusses curtailments of quotations in H. E. A. 's Food lecture to make it suitable for publication.

IRVINE, Sir James Colquhoun. 1877 - 1952.

234. February 21, 1929.
The University,
St. Andrews. Appreciation of a letter from H. E. A. about his career and place in life.

JACKSON, Sir Herbert. 1863 - 1936.

235. June 11, 1894.
King's College,
[London]. Detailed letter about his investigations into phosphorescence of a pure substance.
236. December 12, 1894.
The same. To Gerald T. Moody. Discusses best form of Fleuss pump.

JAMESON, J

237. October 24, 1885.
Backworth House,
Newcastle on Tyne. Detailed letter describing experiments with structure of ovens.
238. January 9, 1886.
Akenside Hill,
Newcastle on Tyne. Discusses method of production of oil at different collieries so that H. E. A. may decide from where he would like samples.

JAPP, Francis Robert. 1848 - 1925.

239. March 12, 1884.
Normal School of
Science. Will act as steward at the Perkin dinner.
240. November 30, 1889.
The same. Explains limitations of his post for promotion of research in organic chemistry.

JEANS, Sir James Hopwood. 1877 - 1946.

241. June 19, 1923. Council of the R.S. are pleased that H.E.A. will write Dewar's obituary notice, but also hope that he will write the long overdue notice on Dr. Messel.
Royal Society,
Burlington House.

JUDD, John Wesley. 1840 - 1916.

242. November 28, 1896. Admiration of photographs of Dorset lent him by H.E.A.
Royal College of
Science.

KEITH, Sir Arthur. 1866 - 1955.

243. November 23, 1932. Is unable to see visitors but thanks H.E.A. for offer to come and see him.
17, Aubert Park,
Highbury, N.5.
244. March 7, 1934. Directions on approach to Altamira caves; comments on Lady Dewar; wife's ill health; Richard Gregory.
Buckston Browne Farm,
Downe, Farnborough,
Kent.

KEKULE VON STRADONITZ, Friedrich August. 1829 - 1896.

245. October 1889. Printed notice, in German. Thanks for congratulations on sixtieth birthday.
Bonn.
246. May 9, 1894. In German. Cannot accept offer of being Faraday lecturer that year on account of his health and advancing age.
Chemical Institute,
Bonn.

KEOGH, Sir Alfred. 1857 - 1936.

247. July 23, 1918. Has lent H.E.A.'s important pamphlets to Professor Farmer. Comments on India, government inefficiency.
Imperial College.

KOLBE, Adolf Wilhelm Hermann. 1818 - 1884.

248. March 24, 1880. In German. Has been unable to reply to H.E.A.'s letter [now mislaid] owing to his illness; details of his convalescence.
Vierwaldstattersee,
Switzerland.

LANKESTER, Sir Edwin Ray. 1847 - 1929.

249. February 17,
29, Thurloe Place,
South Kensington. Signs enclosed memorandum on re-organisation of Royal Society; comments on position of science, etc., inefficiency of government.

See also 199, 212.

LAPWORTH, Arthur. 1872 - 1941.

250. July 25, 1901.
The Lindens,
The Park,
Nottingham. Thanks for the influence used by H. E. A. to secure his new post at Goldsmith's Institute.

LAPWORTH, Charles. 1842 - 1920.

251. May 19, 1894.
13, Duchess Road,
Edgbaston,
Birmingham. Suggestions about Wynne's application for Birmingham post [see also 180]; renewal of son Arthur's scholarship; future studies, cold caught in draughty laboratory.

LARMOR, Sir Joseph. 1857 - 1942.

252. July 25, 1903.
St. John's College,
Cambridge. Comments on an enclosed letter.
253. July 1, 1909.
The Athenaeum. Thanks for letter of congratulation. [On knighthood].

LAWES AGRICULTURAL TRUST. Committee

26. June 24, 1895.
Royal Society,
Burlington House. From Herbert Rix, Secretary of the Committee [and then Assistant Secretary to the Royal Society]. Communicates resolution of Committee that H. E. A. should accept American lectureship for the Autumn of 1896.

LE CHATELIER, Henry Louis. 1850 - 1936.

254. February 6, 1909.
Paris. Typewritten, in French. Paper badly foxed. Has cut down number of communications for Congress [of Applied Chemistry] as requested.

LEEDS. Yorkshire College of Science.

255. June 30, 1874. Application by H. E. A. for
London Institution. chair of chemistry.

LEVINSTEIN, Herbert. 1878 - 1956.

256. December 1, 1938. To Dr. E. F. Armstrong. Thanks
Sand Hill, for notice in 'Nature' on his
Winslow, Bucks. lecture; comments on evil effect
of vegetarianism on Perkin.

LEVINSTEIN, Ivan. 1845 - 1916.

257. July 11, 1901. Pope has been elected to
Hawkesmoor, Manchester post.
Wilbraham Road,
Fallowfield.

LIEBMANN, Adolf.

258. August 25, 1915. Remarks on vacuum flask
The Whim, industry and its development.
Weybridge.

LINDSAY, David Alexander Edward. 27th Earl of Crawford,
10th Earl of Balcarres. 1871 - 1940.

259. January 16, 1915. Typewritten. Suggests that H. E. A.
Haigh Hall, Wigan. communicates with Gwynne,
editor of the Morning Post, about
government patronage of science.

LISTER, Joseph. 1st Baron Lister of Lyme Regis, 1827 - 1912.

260. July 18, 1896. Would like to see proof of record
12, Park Crescent, of proceedings. [unnamed].
Portland Place.

LIVEING, George Downing. 1827 - 1924.

261. March 12, 1884. Will act as steward at the Perkin
Cambridge. dinner.
262. February 24, 1888. Reports complaints he has
Cambridge. received from several quarters
about H. E. A. 's manner as
examiner for M. B. last year.

LIVEING, George Downing. [continued].

263. March 4, 1888. Will investigate complaints further.
Cambridge.

LIVERSIDGE, Archibald. 1847 - 1927.

264. March 12, 1885. Enquires whether H. E. A. still
University of requires specimens of eucalyptus
Sydney. oils which he will try and obtain
for him, hopes he will undertake
their investigation which is not
likely to be carried out in Sydney.

LOCKYER, Sir Joseph Norman. 1836 - 1920.

265. March 30, 1894. From H. E. A. Long explanations
1-6. Central Institution. of motives in wishing to change
post for vacant chair at R. C. S.
Draft.

LODGE, Sir Oliver Joseph. 1851 - 1940.

266. September 21, 1908. Disagreement with H. E. A. on
Mariemont, a point of physical chemistry.
Edgbaston.
267. October 31, 1912. Discussion of atomic energy.
The University,
Birmingham.

LONDON. Athenaeum Club.

268. January 8, 1939. To E. F. Armstrong. Acknow-
ledgement of volume of the
'Central' [probably Armstrong
Memorial Number].

LONDON. Chemical Society.

18. January 1879. From H. E. A. Application for
London Institution. grant to the Research Fund
Committee.

LONDON. The Chemical Society.
All printed items except 274, 275.

269. July 13, 1883. Programme for Conversazione.
270. April 23, 1884. Chemical Society dinner to Dr.
and Mrs. Perkin; invitation
card.

LONDON. The Chemical Society. [continued].

271. The same; programme of dinner.
272. April 24, 1884. Conversazione and reception by President of Chemical Society and Mrs. Perkin Programme.
273. The same. Programme of exhibits.
275. January 14, 1939. University College, London. From O.L. Brady to E.F. Armstrong. Thanks for offer of medals etc. to Society which will be considered at the next meeting.
274. January 14, 1939. The same. The same to the same. Thanks for copy of Life of H. E. A.

LONDON. Imperial College of Science and Technology.

31. October 6, 1913. South Kensington. From Alexander Gow, Secretary. Typewritten. Conveys expressions of regret at retirement from the Board of Studies.
34. October 10, 1913. The same. From Sir Alfred Keogh, Rector. Covering letter for 35; glad that H. E. A. will still be amongst them.
32. October 10, 1913. City and Guilds [Engineering College]. From the same. Copy of record of Minutes of Engineering Board in appreciation of H. E. A. 's services. Typewritten.
33. November 5, 1913. The same. Typewritten. From Sir John Wolfe Barry, Chairman of the Delegacy; Further appreciative expressions from the Delegacy.

LONDON. Junior Engineering and Scientific Society.

276. August 3, 1886. 93, Kennington Road, S. E. From Francis R. Taylor. Asks H. E. A. to become a Vice President.

LONDON. London Institution.

538. December 10, 1884. From the Assistant Hon. Sec.,
London Institution, Julian Hill. Expresses regret
Finsbury Circus, E. C. of Board of Management and
himself at H. E. A. 's resig-
nation.

LONDON. Royal Society.

442. June 2, 1876. Printed letter announcing his
Burlington House. election to the Royal Society.
443. June 18, 1936. Typewritten. From Sir W.
Burlington House. Bragg. Congratulations on
achievement of 60 years'
Fellowship of the Society.

See also 241, 455.

LONDON. Royal Society of Arts.

444. October 10, 1879. From [Sir] Henry Trueman
John Street, Adelphi. Wood. Acting in advisory
capacity to Institute, states that
H. E. A. 's course of lectures
and syllabus for Cowper Street
have been accepted.
445. May 22, 1930. Typewritten. From G. K.
The same. Menzies. Informal announce-
ment of award of Albert medal,
date of presentation ceremony.
446. June 3, 1930. Typewritten. From G. K. Menzies.
The same. Formal announcement of award
of medal.
447. [June 26, 1930?]. Typewritten. 3rd page only of
what appears to be H. E. A. 's
speech on occasion of award of
medal.

LONDON. Society of Chemical Industry.

472. November 6, 1885. From the General Secretary,
9, Bridge Street, Charles G. Cresswell. Offers on
Westminster. behalf of Ludwig Mond for H. E. A. 's
Museum chemicals and framed
drawings from the Sulphur process
exhibit at the Inventions Exhibition.

LONDON. Society of Chemical Industry. [continued].

473. September 26, 1888. From the Editor of the Journal,
Owens College, Watson Smith. Asks for inform-
Manchester. ation about Peter Griess for
obituary notice in the Journal.

LONDON. The University.

277. March 28, 1882. From H. E. A. to the Registrar.
London Institution. Application for Examinership
in chemistry.

LONGMANS AND CO.

14. July 1871. Memorandum on publishing
arrangements for H. E. A. 's
'Treatise on organic chemistry'.

LONGSTAFF, George Dixon. d. 1892.

278. March 7, 1888. Cannot attend function; would
Butterknowle, South like to know name of recipient of
Fields, Wandsworth. his medal, etc.

LUBBOCK, Sir John. 1st Baron Avebury. 1834 - 1913.

279. August 8, 1889. Has received report.
High Elms,
Farnborough, Kent.
280. November 7, 1900. Would like to have photographs
15, Lombard Street. [H. E. A. 's Dorset views].
281. June 30, 1901. Suggests deputation to Senate.
High Elms.
282. May 17, 1902. Comments on University matric-
6, St. James' Sq. ulation regulations etc.

LUNGE, Georg. 1839 - 1923.

283. May 30, 1888. To William Crookes. Resigns
Zurich. from the Chemical Society after
difficulties with Publications
Committee.

MACDONALD, James Ramsay. 1866 - 1937.

284. December 3, 1930. Typewritten. Thanks for
10, Downing Street. letter on dyestuff industry.

MCGOWAN, John.

285. October 31, 1889. Has been making enquiries
23, Billiter St., about a Scheibler [?]
machine.

MCLEOD, Herbert. 1841 - 1923.

286. February 17, 1893. Congratulations on becoming
Cooper's Hill, President of the Chemical
Staines. Society, etc.

MAGNUS, Sir Philip. 1842 - 1933.

287. April 28, 1884. Announcement of H. E. A. 's
Telegram. election as Professor at the
Central Institution.

288. April 29, 1910. Returns letter written by H. E. A.
C. G. L. I. Department found amongst Sir W. Bousfield's
of Technology, papers, given to P. M. to sort
Exhibition Road. through by his executors. The
letter was possibly no. 80.

See under CITY AND GUILDS OF LONDON INSTITUTE, nos. 107,
108, 110, 111.

MALLET, John William. 1832 - 1912.

289. November 2, 1892. Is sending paper on Stas and
University of the determination of atomic
Virginia. weights which, as he is unable
to come to London himself, he
has suggested H. E. A. should
read at a meeting of the Chemi-
cal Society on the anniversary of
Stas' death.

MANNING, Frederick A

290. March 17, 1884. Will act as a steward at the Perkin
18, Billiter Square. dinner.

MARTIUS, Carl Alexander. 1838 - 1920.

291. November 3, 1890.
Vossstrasse 8,
Berlin. In German. Martius was unable to meet H. E. A. when staying in London. He presented copies of portraits of Hofmann and Kékulé to the Royal Institution. On his next visit to London he will be meeting Professor Dewar about a patent case against Bowker.

MATTHEY, George. 1825 - 1913.

292. March 5, 1879.
78, Hatton Garden. Suggestions for amendments to the policy of awarding research grants by the Chemical Society.
293. March 12 [1884].
The same. Will act as a steward at the Perkin dinner.

MAXSE, L J 1864 - 1932.

294. July 29, 1902.
National Review,
37, Bedford St. Typewritten. Asks if H. E. A. can shorten an article for the Review.

MAXWELL-LYTE, F

295. March 15, 1884.
Putney. Illness will prevent his attendance at the Perkin dinner.

MELDOLA, Raphael. 1849 - 1915.

296. [March, 1884]. Will act as steward at the Perkin dinner.
297. May 2, 1884.
Atlas Works,
Hackney Wick. Congratulations on appointment to the Central Institution; would like to apply for H. E. A. 's present post at the London Institution.
298. July 12, 1906.
6, Brunswick Square. Arrangements for Perkin celebrations; possible shortening of H. E. A. 's text for illuminated address; guests, receptions etc.

MENDELEYEV, Dmitri Ivanov. 1834 - 1907.

299. September 12/24, 1889. Dictated. Hopes H. E. A. has
St. Petersburg. received proof of his lecture;
may revise work on solutions.

MENSCHUTKIN, Nicolai Alexandrovitsch. 1842 - 1907.

300. July 6/27, 1891. Enquiry about catalogue of
St. Petersburg. Russian chemical periodicals.

MERZ, Victor.

301. May 3, 1881. In German. Is sending a small
Zurich. quantity of 'Dioxynaphthalin'
made in the laboratory at Zurich
University by a Mr. Weber;
describes method of obtaining the
most purified form with observa-
tions on experiments; thinks it
must be a new substance.

MESSEL, Rudolph. 1848 - 1920.

302. March 20, 1882. Answers enquiry from H. E. A.
36, Mark Lane, E. C. about supply of lead, comment
agreeing with Lunge on B & L's
process.
303. [March 1884]. Will act as steward at the Perkin
Silvertown, Essex. dinner.
304. April 30, 1884. Congratulations on Central
36, Mark Lane. Institution appointment.
305. August 4, 1916. Comments on his own health,
Queen's Highcliffe that of Armstrong family, various
Hotel, Cliftonville. public events, etc.

MEYER, Lothar. 1830 - 1895.

306. May 20, 1891. In German. Note in English by
Tubingen. F. R. Japp, addressed to the
Secretaries, C[hemical] S[ociety]
asking them to open official
letters addressed to him. The
letter must therefore have been
written to Japp (it is addressed
only to the 'Herr Doktor').
Sends a copy of work by his pupil
William Dullinger which he would
like to see published in the J. C. S.
if possible.

MIALL, Louis Compton. 1842 - 1921.

307. January 23, 1896. Admiration of H. E. A. 's methods
 The Yorkshire College, of science teaching, adumbration
 Leeds. of new system of primary school,
 etc. education as basis for scien-
 tific instruction.

MICHAEL, A

308. July 4, 1891. Regrets that necessity of signing
 Torwood, an obligation prevents him from
 Bonchurch, accepting election to the Chemi-
 I. O. W. cal Society, for which H. E. A.
 has proposed him.

MIERS, Sir Henry Alexander. 1858 - 1942.

309. September 30, 1891. States claims for increase in
 Natural History salary, and for apparatus grant,
 Museum. as lecturer in crystallography at
 the Central Institution.
310. October 5, 1891. Suggests introduction of mineral-
 The same. ogy course, if his suggestion of
 increased salary is acceded to.
311. March 2, 1896. Typewritten copy. Resignation of
1-2. Magdalen College, post at Central Institution;
 Oxford. recommendation of W. J. Pope;
 expression of gratitude to H. E. A.

MILLER, Alexander.

312. October 11, 1889. Asks H. E. A. to send covering
 Ashfield, note about research work done at
 Kirkintilloch. Central Institution when forwarding
 paper to Elberfeld.

MILLS, Edmund James. 1840 - 1921.

313. November 8, 1878. To Sir W. Perkin. Covering
Anderson's College, note for specimens of silk:-
Glasgow. Young 1. dyed hot with colourless
Laboratory of solution of magenta. 2. cold
Technical with coloured solution of the
Chemistry. same strength.
314. Folded stiff card, labelled
'To be returned to Dr. Mills'.
Two specimens of silk,
labelled hot and cold, pasted
on one half of inner side of
card; with detailed descriptions
on facing side of dye solutions
and quantities of rosaniline etc.
315. March 18, 1884. Will act as steward at the Perkin
Anderson's College. dinner.

MILMAN, Arthur.

316. February 23, 1894. Arrangements for sub-committee
University of London, of Senate and examiners to
Burlington Gardens. discuss syllabuses in chemistry.

MILNE-WATSON, Sir David. 1869 - 1945.

317. May 14, 1937. Typewritten. Thanks for congrat-
Gas Light and Coke ulations [on award of baronetcy].
Co., Court Room,
Horseferry Road.

MOND, Sir Alfred Moritz. 1st Baron Melchett. 1868 - 1930.

318. January 12, 1914. Typewritten. Arrangements for
35, Lowndes Square. the biography of Ludwig Mond
to be written by H. E. A.

MOND, Frida. [Mrs. Ludwig Mond].

319. September 20, 1915. Arrangements for meeting, has
Moor Court, as yet written nothing [on life of
nr. Stroud, Glos. her husband].

MOND, Ludwig. 1839 - 1909.

320. March 11, 1893. Comments on the refraction of
The Poplars, metallic nickel.
20, Avenue Road,
Regent's Park.
321. July 23, 1906. Typewritten. Is unable to attend
Wyfold Court, Coal tar colour jubilee, hopes
nr. Reading. H. E. A. can stay with him for
few days.
322. Possibly before 1904 To E. F. Armstrong. 3 p. only,
when Dewar was knighted beginning of letter missing.
not here referred to by Would like to know about arrange-
title but as Prof. only. ments for lecture at Royal
Institution by Prof. Dewar.

MOND, Sir Robert Ludwig. 1868 - 1938.

323. March 3, 1928. Asks H. E. A. to return office
Castelmond, Bec records of Mond Nickel Co.
de la Vallee,
Dinard.

MONTAGUE,

324. March 14 [1884]. Will act as steward at the Perkin
Salthrop, Wroughton, dinner.
Wilts.

MORANT, Sir Robert Laurie. 1863 - 1920.

325. [1903 ?]. Late hours of work prevent his
Albert Place, acceptance of R. S. dinner
Kensington. invitation; thanks for congratu-
lations on appointment [either
as acting [1902] or permanent
secretary to the Board of Educa-
tion, 1903 ?].

MORGAN, Sir Gilbert Thomas. 1872 - 1940.

326. June 11, 1937. Typewritten. Technical comments
D. S. I. R., Chemical on colouring of the blue hydrangea.
Research Laboratory,
Teddington, Middx.

MORLEY, Henry Forster. 1855 - 1943.

327. February 13, 1939. To E.F. Armstrong. Comments
Church Hill House, on the International Catalogue.
Midhurst, Sussex.

MOULTON, Hugh Fletcher. 1876 - 1962.

328. November 8, 1911. Congratulations on the award of
57, Onslow Square. the Davy medal.

MUIR, Matthew Moncrieff Pattison. 1848 - 1931.

329. May 20, 1877. Complaints about Chemical
The Owens College, Society Journal; lengthy periods
Manchester. between reading and publication
of papers, defective delivery etc.

MÜLLER, Hugo. 1833 - 1915.

330. November 9, [1890]. Will attend farewell dinner to
Crosby Hill, Dr. Japp.
Camberley, Surrey.
331. December 28, 1892. To Thorpe. Discussion of proofs
The same. of some M.S.S.

NEWLANDS, Benjamin Edwin Reina. 1842 - 1912.

332. March 16, 1884. Will act as steward at the Perkin
Wanstead. dinner.

NICHOLSON, Edward Chambers. 1827 - 1890.

333. March 12, 1884. Will act as steward at the Perkin
Carlton House, dinner.
Herne Hill, S.E.

NOBLE, Sir Saxton William Armstrong. 1863 - 1942.

334. June 5, 1901. Arrangement to meet at the
Elswick Works, Athenaeum.
Newcastle upon
Tyne.

ODLING, William. 1829 - 1921.

3. December 1,
Royal Institution. Testimonial; describes H. E. A. 's
work with Frankland.
5. June 21,
Sydenham Road,
Croydon. Asks if H. E. A. could deputise
for him as lecturer for course
next spring.
6. December 13,
Royal College of
Physicians. To Brough. Letter of introduction.
7. December 13, [1870].
The same. To the Managers of the London
Institution. Testimonial for
directorship of Chemical Labora-
tory.
21. March 25, 1882.
15, Durham Gardens,
Oxford. Testimonial for post of Examiner
in chemistry in the University of
London.
335. Copperplate copy of letter 3.
336. North Grove,
Oxford. Encloses payment for course of
lectures given by H. E. A. as his
deputy [see 5 above]; comments
on art of lecturing.
337. November 9, [1890].
15, Durham Gardens,
Oxford. Will be able to attend Japp fare-
well dinner.
338. March 30, [1891?].
Athenaeum Club. Sends M.S. of his speech for
Jubilee [of Chemical Society ?].

ORTON, Kennedy Joseph Previt . 1872 - 1930.

339. St. Bartholomew's
Hospital. Gives title of paper on Isomeric
change which H. E. A. is sending
to the Royal Society for him.

O'SULLIVAN, Cornelius. 1841 - 1907.

340. March 11, 1884.
140, High Street,
Burton on Trent. Will act as steward at the Perkin
dinner.
341. May 2, 1884.
The same. Congratulations on Central
Institution appointment.

O'SULLIVAN, James.

342. June 22, 1893. Asks advice about publication
26, Ashby Road, of his research into influence
Burton on Trent. of germination on the constitution
of barley and for details of
publications, if any, in this field.

OXFORD. University. Junior Scientific Club.

343. March 25, 1899. From the President, Frederick
Merton College, Soddy. Sends copy of current
Oxford. 'Transactions'.

PAGE,

345. March 17, 1884. Postcard. Will attend Perkin
98, Aldervy Street, dinner.
S.W.

PAYNE and GRIFFITH, Engineers and Brassfounders, Vauxhall
Street, Birmingham.

346. [1885 ?]. 6 sheets of drawings of gas
taps, valves, etc. mounted on
paper.

HART, Son, PEARD, and Co.

344. December 9, 1885. On behalf of Mr. Peard, sends
168, Regent Street. quotations for brass fittings.

PEDLER, Sir Alexander. 1849 - 1918.

347. April 30, 1884. Congratulations on Central
Wood Bank, Lordship Institution appointment, arrange-
Lane, S. E. ments for visit.
348. July 1, 1892. Thanks for H. E. A. 's work in
Calcutta. gaining his election to the
Royal Society.

PERCY, Alan Ian. 8th Duke of Northumberland. 1880 - 1930.

349. July 23, 1925. Typewritten. Sends report of
17, Prince's Gate. his speeches.

PERKIN, Alexandrine Caroline. Lady [W.H.] Perkin.

350. September 27,
The Chestnuts,
Sudbury, Harrow. Will send plant of madder;
cannot receive visitors owing to
death of her sister that day.

PERKIN, D

351. April 28, 1884. Telegram. Announces election
of Professors to Central
Institution.

PERKIN, Sir William Henry. 1838 - 1907.

352. January 15, 1881.
The Chestnuts,
Sudbury, Harrow. Various chemical matters,
increase of production of alizar-
ine, statistics of coal tar
distillations, etc.

PERKIN, William Henry. 1860 - 1929.

353. June 14, 1915.
5, Charlbury Road,
Oxford. Asks H. E. A. to write testimon-
ial for application by Robert
Robinson, then in Sydney, for
Chair at Liverpool.

PERRY, John. 1850 - 1920.

354. June 14, 1902.
Royal College of Science. Admiration of article by H. E. A.,
possibly on some aspects of
military education.

413. January 1, 1885.
10, Penywern Road,
South Kensington. Is unable to get hold of a drawing
of a gearing locked in an inaccess-
ible drawer. [This is included in
a separate collection of E.C.
Robin's letters].

PETRIE, Sir Flinders. 1853 - 1942.

355. May 23,
5, Cannon Place,
Hampstead. Encloses letter to Nature
complaining about book prices,
which has been refused. Comments
on analogy between 'rings' in
present world and downfall of
Roman civilisation.

PETTIGREW,

356. December 14, 1885, Arrangements for meeting.
24, Manbey Grove,
Stratford.
357. February 22, 1886. Arrangements for delivery of
The same. oil, tar, etc.

PICKERING, Percival Spencer Umfreville. 1858 - 1920.

- 357a. Plans for exposing Ramsay who
48, Bryanston Sq. has acted badly in some way.

PLAYFAIR, Lyon. 1st Baron Playfair. 1818 - 1898.

358. March 11, 1884. Will be unable to act as steward
68, Onslow Gdns. at the Perkin dinner, as he must
attend tercentenary celebrations
of University of Edinburgh.
359. April 30, 1893. Is now ready for meeting [to
The same. discuss Hofmann Memorial lec-
tures ?]. Voice has now returned.
360. August 5, 1896. Congratulations on contribution
The same. to Hofmann Memorial number
[of Chemical Society Journal].

POLAND. Chemical Society.

29. March 22, 1929. From the Vice President and
3 Polna Street, Secretary; typed letter, in French.
Warsaw. Election as Honorary Member of
the Society.

POPE, Sir William Jackson. 1870 - 1939.

361. December 30, 1918. Typewritten. Is to be knighted,
Holmesdale, thanks H. E. A. for all he has done;
Brooklands Avenue, general news.
Cambridge.

POULTON, Sir Edward Bagnall. 1856 - 1943.

362. May 31, 1893. Asks H. E. A. to write to the 'Times'
Wykeham House, with final version of a Royal Society
Oxford. circular apparently printed by
mistake.

PRAIN, Sir David. 1857 - 1944.

363. August 5, 1910. Has sent some seeds of *Vicia argentifolia*; notes on fruiting of a *prunus amygdalus* at Kew.
Kew Gardens.
364. January 21, 1915. Does not think the authorities concerned will consult him about vacant post at Bangalore.
The same.

PSCHORR, Robert Franz. 1868 - 1930.

539. November 22, 1924. Typewritten. In German. Regrets the omission of H. E. A. 's name from the members' list; and that inflation impels the Society to ask for a subscription to its Reports. The back numbers from 1915 onwards will be sent; a subscription is required for the 1924 issues, etc.
Deutsche Chemische Gesellschaft.
Sigismundstrasse 4,
Berlin.

PURDIE, Thomas. 1843 - 1916.

365. February 21, 1893. Invitation to stay with him when H. E. A. visits St. Andrews to receive degree; thanks for encouragement in suggesting his Fellowship of Royal Society.
14, South Street,
St. Andrews.

RAMSAY, Sir William. 1852 - 1916.

366. March 17, 1884. Will act as steward at the Perkin dinner.
University College,
Bristol.
367. May 12, 1884. Letter recommending an Arthur Richardson as demonstrator for H. E. A. in his new post.
10, Osborne Road,
Clifton.

RENNIE, Edward Henry. 1852 - 1927.

368. January 9, 1893. Application for a grant from the Chemical Society Research Fund, for investigation of the crystal-line substance extracted from Sarsaparilla.
37, Lonsdale Sq.,
Barnsbury.

REVERDIN, Frédéric. 1849 - 1931.

369. June 9, 1893. In German. Dictated. Sends four
9, Rue du Stand, volumes of tables of derivatives
Geneva. for H. E. A. to look through in
connection with his research with
Dr. Wynne.

REYNOLDS, James Emerson. 1844 - 1920.

370. March 14, 1884. Will act as steward at the Perkin
Trinity College, dinner.
Dublin.

RIDLEY, E P

371. January 28, 1899. Thanks for assistance in some
24, Museum Street, matter.
Ipswich.

RILEY, Edward. 1831 - 1914.

372. March 12, 1884. Will be unable to attend the
Laboratory and Assay Perkin dinner.
Office, 2 City Road.

ROBERTS, Sir Owen. 1835 - 1915.

373. March 18, 1884. Will see H. E. A. but favours
C[lothworkers] Lunge as Professor at the
H[all]. Central Institution.
374. September 5, 1907. Advice about career of one of
Plas Dinas, H. E. A. 's sons.
Carnarvon, N. Wales.
419. November 2, 1886. In E. C. Robins' collection of
C[lothworkers'] letters. Prefers, as he is no
H[all]. longer an Hon. Sec. of Insti-
tute, that H. E. A. should not
consult him [about possible
resignation ?].

ROBERTS - AUSTEN, Sir William Chandler. 1843 - 1902.

375. March 14, [1884]. Will act as steward at the Perkin
Royal Mint. dinner.
376. December 21, 1892. Advice about photograph of
The same. portrait medal of Stas.

ROBERTS - AUSTEN, Sir William Chandler. [continued].

377. January 19, 1893. Has only one, unsuitable, letter
The same. from Stas. Recommends writing
to an Alfred Nyot, Brussels.

ROBERTSON, George Henry.

d. 1903.

432. September 6, 1890. Ayrton has been enquiring about
30, Hemstall Road, progress of their joint research
N.W. on accumulators [see Proc.
Royal Society pt. 1. 1891. Dis-
cussion of chemical changes
occurring in the cell]; future
plans; etc. Technical comments
on 'rise in EMF on breaking
circuit'.
433. September 19, 1890. Further details of his work and
The same. reading.
434. September 22, 1890. Is sending blossom of yellow
The same. poppy. Further details on his
research.

ROBINS, Edward Cookworthy.

d. 1890.

This collection of letters contains much gossip and detailed information about policy and staff at the Finsbury and Central Technical Colleges, and is only briefly described.

378. March 20, 1880. General Institution matters.
8, Marlborough Road.
379. January 30, 1882. Enquiries arising from tour of
14, John Street, German scientific institutions.
Adelphi.
380. February 3, 1882. Is sending his letters to his wife
The same. during German tour.
381. February 4, 1882. Report of meeting of an Instit-
The same. ution committee, etc.
382. March 12, 1882. Repeated requests for German
The same. addresses; apprehension about
prospective Royal visit.
383. November 8, 1882. Difficulties over fittings [at
The same. Cowper Street]; insufficient
co-operation from Professors.

ROBINS, Edward Cookworthy. [continued].

384. November 13, 1882. Criticism of Ayrton, Perry, a
The same. joint architect [Clifton ?] and
other building matters.
385. November 18, 1882. Is sending various plans etc.
The same. difficulties with Coomber.
386. n. d. Note accompanying some drawings.
387. November 27, 1882. Sends letter from Coomber,
comments on his mistakes,
plagiarism.
388. December 12, 1882. Detailed letter about layout of
8, Marlborough Road. laboratories, fittings.
389. February 3, 1883. Has very bad cold, getting a
The same. paper ready.
390. February 20 [?], 1883 [?]. Description of various activities,
The same. visit to Waterhouse's surveyor,
etc.
391. March 8, 1883. Family affairs etc., prospective
14, John Street. visit to Bristol.
392. June 26, 1883. Difficulties with boiler and
The same. engine flues etc. at Cowper
Street.
393. July 31, 1883. Reference to Huxley, and his son,
The same. ill in Paris; has stated in commit-
tee need to draw on Professors'
knowledge in design of new
building.
394. November 18, 1883. References to Huxley, S. P.
The same. Thompson, and his new building
at Bristol.
395. November 26, 1883. From J. E. Marsh, Chemistry
Grammar School, Master, to E. C. Robins, with
Exeter. diagram of laboratory at the
school.
396. [December, 1883]. Mentions work at Committee,
special meeting to consider H. E. A.'s
proposals to be held, invitation to
lunch.

ROBINS, Edward Cookworthy. [continued].

397. Sends draft of letter to Sawyer.
398. Rough draft, suggesting that Professors should list rooms and their uses in their departments and enlargement required, etc.
399. December [?] 16, 1883. Internal politics and administration. at the F.T.C.: position of Hon. Sec.; 1-4. 8, Marlborough Road. autonomy of Magnus, etc. No principal at F.T.C. or C.T.C.: 'Huxley has set his face against one at the Central'; relations of Institute's committee and Professors; effect on administration.
400. Asks for English equivalents of rooms in plan of Charlottenburg, etc.
401. Sends proof of lecture for correction.
402. January 1, 1884. New Year present etc.
14, John Street.
403. The same date and Mistakes in printing of lecture.
place.
404. January 7, 1884. Huxley sees no objection to
The same. memorial of F.T.C. Professors; decisions of sub-committee on Central Institution still confidential, etc.
405. January 16, 1884. Administration of C.T.C. under consideration; relationship of Professors to Institute, and Director to whom Professors are subordinate, etc. [There is a copy, in biro, of this letter in another hand, possibly Vargas Eyre's ?].
406. January 21, 1884. Central Institution now main subject of consideration for various committees - 'Money not forthcoming for it'.
14, John Street.
407. March 8, 1884. Asks H.E.A. to complete form so
The same. that he may be elected life member of Parkes' Museum [?].

ROBINS, Edward Cookworthy. [continued].

408. March 11, 1884.
The same. Will do his best for H. E. A. at meeting [for appointment of Professors at Central].
409. April 7, 1884.
The same. Gives copy of a letter to [George] Shaw, member of the Institute Council, about disagreements over plans for F. T. C.
410. April 8, 1884.
20, King Edward St. George Shaw to E. C. R. Agrees that professors should be consulted over plans.
411. [April 24, 1884]. Brief note announcing results of elections to Central Institution.
412. October 20, 1884.
14, John Street. Further details of plans and arrangements for fittings, etc. at F. T. C.
413. January 1, 1885.
10, Penywern Road,
South Kensington. From John Perry to Armstrong. Unable to get hold of drawing of a gearing which is in an inaccessible drawer.
414. January 23, 1885.
14, John Street. Principal to be appointed at F. T. C.; favours chemist and W. Ramsay; describes encroachments of Perry; machinations of Magnus; etc.
415. February 14, 1885.
The same. Gives list of applicants for F. T. C. post, marking those who are shortlisted. Electrician is to be favoured.
416. April 29, 1885.
8, Marlborough Road. Various miscellaneous matters.
417. October 12, 1885.
14, John Street. Sends list of members of the Dyers' Company with comments; has given S. P. Thompson 'wiggling' about unfinished laboratory.
418. November 3, 1886.
1-4. 8, Marlborough Road.
Partly printed in 'Life', p. 96. Difficulties with F. T. C., C. T. C.; H. E. A. obviously thinking of moving elsewhere; E. C. R. comments on this, returns Robert's letter [419] 'he is a trimmer'.
419. November 2, 1886.
C[lothworkers']
H[all]. From Sir Owen Roberts. Prefers that H. E. A. should not consult him, as he is no longer an Hon. Sec. of the Institute.

ROBINS, Edward Cookworthy. [continued].

420. February 15, 1887. Praise of a syllabus from H.E.A.
8, Marlborough Road. etc.
421. February 17, 1887. Short note; something must be
National Conservative done to gain students.
Club, Pall Mall.
422. February 21, 1887. Asks if Unwin and others might
46, Berners Street. be persuaded to draw up sketches
of possible syllabuses for
architects' courses [scheme now
to include architecture in C.T.C.
as originally planned, now
apparently in motion]. Architects'
Association involved. Arrange-
ments for 'Drawing room meeting',
all invitations private. [See 'Life'
p. 98]. 'Huxley feels it a duty to
support me'.
423. February 23, 1887. Subjects for [architectural]
8, Marlborough Road. lectures; suitable hours for
classes; thinks of introducing
subject of 'Architects' education
at the R.I.B.A. conference.
424. February 25, 1887. Enquires about possibilities of
8, Marlborough Road. becoming an F.R.S.
425. October 5, 1887. Describes arguments with S.P.
46, Berners Street. Thompson about position of
F.T.C., C.T.C.; dissension
in Institute; task of Magnus.
426. May 14, 1888. Asks for comments on a memo-
14, John Street. randum from Cates [?].
427. February 11, 1890. Enquires if economies can be
46, Berners Street. made in demands for new equip-
ment by joint use between depart-
ments, etc; asks for list of
careers of chemistry students at
C.T.C. etc.
428. February 11, 1890. Trueman Wood has suggested
The same. scheme for High School of Applied
Art should be considered by
Society of Arts.
429. April 14, 1890. From Mrs. Robins. Advocates
8, Marlborough Road. euthanasia as means of improving
human race; rights of parents to
their [unborn] children.

ROBINS, Edward Cookworthy. [continued].

430. n.d. Sends paper on fittings; asks for any comments.

ROBINSON, Sir Robert. 1886 -

431. January 7, 1939. To E.F. Armstrong. Thanks for
117, Banbury Road, kind message [on knighthood ?].
Oxford.

ROMANES, George John. 1848 - 1894.

435. May 30, [1893]. Has consulted Lankester about
1-2. Department of Com- Royal Society affair; L. thinks
parative Anatomy, his letter, not Poulton's, should
The Museum, be sent to the 'Times'; recom-
Oxford. mends that amended circular
should not be published.
See 362.

ROSCOE, Sir Henry Enfield. 1833 - 1915.

16. March 1, 1874. Thanks for copy of book on
Owens College, Organic Chemistry.
Manchester.

20. March 7, 1882. Testimonial for post of Examiner
The same. in chief.

436. November 5, 1880. Cannot attend publication commit-
Athenaeum. tee [of Chemical Society], recom-
mends abbreviation of many of
papers read.

437. May 4, 1884. Congratulations on appointment to
Victoria University, Central Institution.
Manchester.

438. September 2, 1885. Unable to attend Aberdeen meeting;
Graythwait, hopes there will be discussion
Ulverston. after H.E.A.'s lecture; is sending
specimens of solid hydrocarbon
and vanadium compounds by Dr.
Bedson.

439. November 9, 1890. Is unable to attend Japp dinner but
10, Bramham Gardens, sends best wishes.
Wetherby Road, S.W.

ROSSITER, Edmund C. 1868 - 1937.

440. August 14, 1896. Describes his work at Allbright
Langley Green, and Wilson, etc.
Birmingham.
See also 512, 535.

ROUSSEAU, E.

441. October 18, 1891. Gives rough estimate of principal
4, Westdown Road, goods required for electroplating.
Catford Bridge.

ROYLE, Thomas.

448. March 12, 1884. Will attend the Perkin dinner.
West Ham Park.

RÜCKER, Sir Arthur William. 1848 - 1915.

449. July 11, 1907. Discussion of question of
University of London, private subscription for
South Kensington. public entertainment by official
bodies.

RUSSELL, Herbrand Arthur. 11th Duke of Bedford. 1858 - 1940.

540. November 16, 1935. To Clinton. Typewritten. As he
Woburn Abbey. has not wide knowledge of the
subject H.E.A. wishes to dis-
cuss, would prefer not to see him.

RUSSELL, William James. 1830 - 1910.

9. November 30, 1870. Testimonial for post of
Chemical Laboratory, demonstrator at King's College,
St. Mary's Hospital, also 9b. Copperplate copy.
Paddington.
19. March 8, 1882. To the senate of the University
Chemical Laboratory, of London. Testimonial [for
St. Bartholomew's post as Examiner ?].
Hospital.
451. March 27, 1882. Encloses cheque as fee for
The same. classes.
452. March 4, 1884. Arrangements for Perkin
The same. dinner.

RUSSELL, William James. [continued].

453. December 14, 1891. Mentions corrections for
The same. Jubilee number [of Chemical
Society Journal] need to refer
to Hofmann in President's
speech, discoveries of Frankland.

RUTHERFORD, Ernest. 1st Baron Rutherford of Nelson.
1871 - 1937.

454. March 18, 1926. Encloses proof of obituary
The Royal Society. notice of Dewar.
455. November 23, 1929. Discusses claims of F. E. Smith
Newnham Cottage, in favour of becoming secretary
Queen's Road, of R. S.
Cambridge.
456. April 13, 1934. Typewritten. Unable to meet
Cavendish Laboratory, Lewis at a dinner.
Cambridge.

ST. ANDREWS. The University.

23. December 14, 1893. Printed letter. The award of
Honorary Degree of Doctor of
Laws.

SAKURAI, Joji. 1858 - 1938.

457. March 19, 1919. Fatal effects of influenza in his
1-2. Science College, family, death of his son in law,
Imperial University, Dr. Haga; introduction of a
Tokio, Japan. Mr. Juaba bearer of the letter,
who has come to England to
complete his education for
period of seven years; leaves
place of education to H. E. A. 's
discretion.

SANDERSON, Frederick William. 1857 - 1922.

458. June 15, 1902. Will reply later to H. E. A. 's
The School, circular.
Oundle.

SAWYER, Sir William Phillips. 1844 - 1908.

459. May 20, 1881. Drapers' Hall. Regret that the services of H. E. A. and Ayrton were not mentioned on occasion of laying F. T. C. foundation stone; question of attendance of Professors at committees to be considered.

SCHORLEMMER, Carl Wilhelm. 1834 - 1892.

463. March 17, 1884. 27, Hyde Grove, Manchester. Will act as steward, but cannot attend Perkin dinner.

SCHUNCK, Henry Edward. 1820 - 1903.

460. March 15, 1884. 13, Lansdowne Road, Wimbledon. Will attend the Perkin dinner.

SCHUSTER, Sir Arthur. 1851 - 1934.

461. February 4, 1915. Royal Society, Burlington House. Arrangements for meeting; opinion of Chemical Fellows on some subject to be ascertained.

SCHWABE, G S

462. April 19, 1894. Norcliffe, Broughton Park, Manchester. Arrangements for meeting.

SELL, William James. 1847 - 1915.

464. October 31, 1891. Inland Revenue Laboratory, Somerset House. If H. E. A. will prepare statement of proposed investigation he will put it into hands of the Chief Inspector.
465. March 20, 1899. 1, Bene't Place, Cambridge. Has applied for government grant for his citrazinic work but now wishes to have increased amount owing to cost of production of acid necessary for his researches.

SHENSTONE, William Ashwell. 1850 - 1908.

466. June 4, 1893. Report of Halogen committee
Clifton College, must be prepared; comments on
Bristol. H. E. A. 's paper on 'Chemical
change'.

SHERRINGTON, Sir Charles Scott. 1861 - 1952.

467. November 23, 1903. Asks H. E. A. to sign circular
16, Grove Park, letter, probably protesting
Liverpool. against the failure to nominate
a Secretary to the Royal Society
representing Biology [Sir M.
Foster's term of service had
ended].

SHIPLEY, Sir Arthur Everett. 1861 - 1927.

468. August 8, 1918. Typewritten. Disagrees with
Christ's College H. E. A. 's views and thinks that
Lodge, Cambridge. distinction should be made
between a German and a Jew.

SIEMENS, Frederick. 1823/6 - 1904.

469. November 13, 1885. Dictated. From John Head. Batt
12, Queen Anne's and Co. will send H. E. A. speci-
Gate. mens of Siemens tempered glass
from the Exhibition, etc.

SMITH, Sir Frank Edward. 1879 -

470. April 13, 1934. Will be unable to attend dinner
Old Manor Cottage, for Lewis.
Park Road,
Teddington.

SMITHELLS, Arthur. 1860 - 1939.

471. October 4, 1892. Disagreement with H. E. A. 's
The Yorkshire views on hydrocarbons; asks
College, him to replace study of poison
Leeds. testing in Intermediate London
M. B. for something more useful.

SODDY, Frederick. 1877 - 1956.

474. November 4, 1935. Glad of H. E. A. 's support in
131, Banbury Road, some organised opposition to
Oxford. form of election to Royal
Society.

See also 343.

SPILLER, John. 1833 - 1921.

475. March 13, 1884. Will be able to attend the Perkin
Atlas Works, dinner.
Hackney Wick.

STEVENSON, Sir Thomas. 1838 - 1908.

476. March 12, 1884. Postcard. Will attend the Perkin
dinner.
477. March 20, 1898. Invitation to an official dinner.
Sandhurst Lodge,
Gresham Road,
Brixton.

STOKES, Sir George Gabriel. 1819 - 1903.

478. January 28, 1894. Typewritten. Is unable to accept
Lensfield Cottage, invitation to deliver Faraday
Cambridge. Lecture to the Chemical Society.

STREATFEILD, Frederick William. d. 1918.

479. December 15, 1884. Detailed account of the subjects
Chemical Laboratory, treated at the Lecture demonstra-
Finsbury Technical tions on Monday evenings at the
College. F. T. C.

STRUTT, John William. 3rd Baron Rayleigh. 1842 - 1919.

480. November 5, 1891. Explains some misunderstanding
Terling Place, about preservation of papers in
Witham, Essex. [Royal Society ?] Archives.

STUART, Charles Maddock. 1857 - 1932.

481. June 15,
St. Dunstan' College,
Catford. Asks if H. E. A. will look at
examination papers of boy who
has been taught chemistry
entirely in the laboratory with-
out any reference to text books.

THISELTON - DYER, Sir William Turner. 1843 - 1928.

482. March 27, 1901.
1-2. Kew Gardens. Production of indigo, after dis-
covery of synthetic means of
supply, could be replaced in
India by increased cultivation of
sugar. Complaints of Sir M.
Foster supplanting him in Uni-
versity of London, without
justification of any early labours
for it; disagreement with theory
that science should promote
'national prosperity'; general
inferiority of scientists in self
expression, etc.

THOMSON, John Millar. 1849 - 1933.

483. [April 1884].
68, Palace Gardens
Terrace. Congratulations on appointment
to Central Institution.
484. March 19, 1894.
53, Prince's Square. Attempts to smooth over some
misunderstanding of some words
of Thorpe, at a Chemical Society
meeting.

THOMSON, Sir Joseph John. 1856 - 1940.

485. November 25, 1917.
Holmleigh, West Rd.,
Cambridge. Gives wording of telegram he
has sent about discussion of
qualification of officers at meeting
of Royal Society.

THOMSON, Sir William. 1st Baron Kelvin, 1824 - 1907.

486. December 24, 1894.
Netherhall, Largs,
Ayrshire. Pressure of work prevents his
acceptance of invitation to give
the Faraday Lecture to the Chemical
Society.

THOMSON, Sir William. [continued].

487. [February, 1901]. Fleming's Hotel, Half Moon Street. Hopes H. E. A. will join the deputation to Lord George Hamilton about Cooper's Hill.
488. June 22, 1903. 15, Eaton Place. Enquiry about inactivity of gelatinous silica in relation to rotation of the plane of polarisation of light.
489. April 4, 1906. 15, Eaton Place. Typewritten. Detailed definition of the electron.

THORNE, Leonard Temple.

490. March 29, 1887. 11, Marine Terrace, Aberystwyth. Asks H. E. A. to thank Council [of Chemical Society] for leave of absence.

THORPE, Sir [Thomas] Edward. 1845 - 1925.

491. October 6, 1880. Yorkshire College, Leeds. Congratulations on 'Miller's Organic Chemistry' [edited by H. E. A. and C. Groves].
492. March 11, 1884. Blackheath. Telegram. Lunge and he are retiring as candidates [for C. T. C. Chair] - 'go in and win'.
493. May 4, 1884. Headingley, Leeds. Congratulations on appointment; work on titanium etc.
494. May 30, 1893. Royal College of Science. Sends tickets for a lecture he is giving at the Royal Institution.
495. June 26, 1909. 61, Ladbroke Grove. Thanks for congratulations on knighthood.

THRELFALL, Sir Richard. 1861 - 1932.

496. July 13, 1897. Sydney, N. S. W. Reply to enquiry about his sulphur work. Asks about probable impurities of commercial selenium, second volume of 'Armstrong & Grove'.

TIEMANN, Ferdinand. 1848 - 1899.

497. November 18, 1890. Notes an erratum in account of
Berlin. a society meeting.

TILDEN, Sir William Augustus. 1842 - 1926.

15. February 22, 1874. Thanks for copy of book 'Treatise
Glenfoot Cottage, on Organic Chemistry'.
Clifton Park Road,
Clifton.

498. April 30, 1884. Congratulations on appointment to
Mason Science College Central Institution.
Birmingham.

499. June 2, 1886. Thinks it a good idea to discuss
36, Frederick Road, subject of science teaching in
Edgbaston. schools.

500. July 3, 1886. Hopes to apply for post at Owen's
Mason Science College. College; arrangements for
discussion on solution.

TINGLE, John Bishop. 1867 - 1918.

501. January 16, 1890. Sends copy of his dissertation,
Heriot Watt College, is hoping to obtain grant from
Edinburgh. the Chemical Society, outlines
his plan of research, action of
camphor on oxalic ether etc.

502. November 24, 1890. Application for further grant,
Merchant Venturers' to continue research on camphor.
School, Bristol.

TYNDALL, John. 1820 - 1893.

503. March 14, 1884. Will act as steward at the Perkin
Royal Institution. dinner.

UNITED STATES OF AMERICA. New York. National Civic Federation.

504. April 25, 1909. Engraved. Acknowledgement of
courtesies shown by H. E. A. to
American teachers who visited
the United Kingdom in 1908-9;
testimonial authorised by the
Federation.

VAN'T HOFF, Jacobus Hendricus. 1852 - 1911.

505. August 14, 1894. Asks for copy of H. E. A. 's
Amsterdam. paper on photochemistry.
506. January 8, 1906. Postcard. New Year wishes.
Berlin.

VOELCKER, John Christopher Augustus. 1822 - 1884.

507. March 18, 1884. Hopes health will enable him
39, Argyll Road, to attend the Perkin dinner.
Kensington.

WALLACE, Sir Donald Mackenzie. 1841 - 1919.

508. January 23, 1900. Gives in detail terms for
1-2. The Times, Printing H. E. A. 's article on progress
House Square: of Chemistry, for Encyclo-
Encyclopaedia paedia Britannica.
Britannica Department.
509. January 24, 1900. Draft of letter from H. E. A.
Central Technical Acceptance of terms outlined
College. in 508; questions points
raised in circular letter to
contributors.

WALLOP, Gerard Vernon. 9th Earl of Portsmouth. 1898 -

510. June 1, 1936. Typewritten. States views on
1-2. Farleigh House, use of mineral fertilisers.
Farleigh Wallop,
Basingstoke.

WARREN, Sir Herbert. 1853 - 1930.

511. October 30, 1915. Typewritten. States views on
Magdalen College, prevalence of literary ability etc.
Oxford.

WATSON, David. 1846 - 1899.

512. November 25, 1894. Enquiry about copper alloys;
Willow Bank House, opinion of E. Rossiter.
Kersal Dale,
Higher Broughton.

WATTS, Henry. 1815 - 1884.

Editor of the Journal of the Chemical Society.

513. April 5, 1875. Burlington House. To the Elector of the Jacksonian Professorship, Cambridge. Testimonial for H. E. A.
514. September 13, 1881. Chemical Society, Burlington House. Hopes to receive copies of 'Instructions' soon; refers to their widespread influence; comments on Williamson and his Nomenclature Committee.

WATTS, John Isaac. 1843 - 1933.

515. March 20, 1884. Merton College, Oxford. Will act as steward at the Perkin dinner.

WEBB, Sir Aston. 1849 - 1930.

516. March 20, 1899. 19, Queen Anne's Gate. Asks for suggestions on the Science Schools at Christ's Hospital.

WEBB, Sidney James. 1st Baron Passfield. 1859 - 1947.

517. December 17, 1905. 41, Grosvenor Road. Comments on rejection of his suggestion of a retiring pension for a Lewisham headmistress.
518. July 17, 1906. The same. London County Council cannot give overriding influence to its representative on the Governing Body over the other members.

WEINBERG, Arthur Bernhard von. 1860 - 1943.

519. January 28, 1895. Leopold Cassell and Co., Frankfurt. Is busy preparing acids asked for by H. E. A.

WELLS, Herbert George. 1866 - 1946.

520. Little Easton Rectory, Dunmow. Cannot spare the time to prepare a recent speech for publication.

WHITE, Sir William Henry. 1845 - 1913.

523. December 21, 1883. Asks for copy of H. E. A. 's
R. I. B. A. , 9, Conduit two speeches for inclusion in
St. , Hanover Square. volume on Applied Science
Buildings.
524. January 11, 1884. To E. C. Robins. Sends proofs
The same. of plates etc. , for correction.

WICHELHAUS, Karl Hermann. 1842 - 1927.

522. May 24, 1873. From H. E. A. Points out
1-2. London Institution. errors about experiments in
the 'Berichte' etc. Draft.

WIGNER, George William. 1842 - 1884.

521. April 20, 1876. Arrangements for a society
Laboratory, 79, meeting, tea, lighting etc.
Great Tower St., E. C.

WILLIAMS, John. 1824 - 1889.

525. March 12, 1884. Will act as Steward at the
16, Cross Street, Perkin dinner.
Hatton Garden.

WILLIAMSON, Alexander William. 1824 - 1904.

526. April 11, 1876. H. E. A. is on selected list
Royal Society, for membership of the Royal
Burlington House. Society.
527. September 25, 1879. Testimonial for post at the
University College, Cowper Street Schools.
London.
528. October 9, 1879. Congratulations on appointment,
University College. with comments on importance
of the post.
529. March 6, 1884. Will act as Steward at the
28, Primrose Hill Rd. , Perkin dinner.
N. W.
530. January 16, 1893. Cannot find notes of some
High Pitfold, Faraday M. S. S. [handwriting
Shottermill, very illegible].
Haslemere.

WILLSTÄTTER, Richard. 1872 - 1942.

531. May 8, 1927. In German. Acceptance of
Munich. invitation to dinner at the
Athenaeum when he visits
London.

WITT, Otto Nikolaus. 1853 - 1915.

532. January 2, 1882. Describes travelling arrange-
24, Rue Schlumberger, ments for return to Mulhouse,
Mulhouse, Alsace. extends warm invitation to
[from Hamburg]. H. E. A.
533. April 22, 1901. Is going away at once but
Siegmondshof 21, hopes he will be able to see
Berlin. H. E. A. on his return.

WOLFE - BARRY, Sir John. 1836 - 1918.

114. May 1, 1913. H. E. A. to Sir John. Asks if
55, Granville Park. he may continue to do research
work at the City and Guilds
College, perhaps give special
course at the Imperial College.
Typewritten copy.
115. May 7, 1913. To Sir Alfred Keogh. Comments
Delahay House. on 114; no interference with
Professor Baker intended.

Letters 114 and 115 were removed from an Imperial College file
[filing office no. 56].

WRIGHT, Charles Romley Alder.

534. April 29, 1871. Enquires present whereabouts
Chemical Laboratory, of effects, specimens, note-
St. Mary's Hospital, books of late Dr. Matthiessen,
Paddington. in Chemical Laboratory at
Barts' as he wishes to restore
them to proper owners.

WYNNE, William Palmer. 1861 - 1950.

535. January 19, 1889. Detailed description of Rossiter's
Central Institution. researches etc.
536. December 24, 1922. Gives detailed reasons for not
17, Taptonville Road, wishing to assume Presidency
Sheffield. of [Chemical] Society.

DIPLOMAS, etc.

1. ROYAL SCHOOL OF MINES.
December 3, 1866. Certificate of examination in chemistry.
Signed 'Edward Frankland.' 28 x 44 cm. Printed.
2. ROYAL COLLEGE OF CHEMISTRY.
October 18, 1867. Testimonial of proficiency. Signed
'Edward Frankland.' 42 x 53 cm. Printed.
3. October 24, 1867. Passport, signed by Lord Stanley and
Henry E. Armstrong. 28 x 37.5 cm. Printed.
4. LEIPZIG. The University.
February 22, 1870. Printed diploma, in Latin, for the
award of the Ph.D. degree. Signed by Dr. Hermanus
Brockhaus, Dean. Seal. 50 x 74 c.m.
With accompanying certificate, in German, of the same
date, giving details of the courses followed by Armstrong
at the University.
5. LONDON. The Athenaeum.
April 2, 1897. Printed notice from the Secretary, of
Professor Armstrong's election to the Club in terms of
Rule II. 20 x 25.5 cm.
6. MELBOURNE. The University.
June 1, 1905. Printed invitation, in Latin, to the University
Jubilee celebrations in 1906. 25.5 x 38 cm.
7. LONDON. Royal Society.
January 7, 1912. Printed invitation, in Latin, to the 250th
anniversary celebrations of the Society. Signed by the
President, Sir Archibald Geikie. 28 x 22 cm.
8. CAMBRIDGE PHILOSOPHICAL SOCIETY.
May 18, 1914. Election as Honorary member. Signed by
A. E. Shipley, President, and Alexander Wood, Secretary.
Seal. 31 x 43.5 cm. Printed.
9. CALCUTTA. Presidency College Chemical Society.
November 5, 1914. Official greetings signed by the President
and Secretary. 25.5 x 56.5 cm. Printed.
10. GLASGOW. Royal Philosophical Society.
March 25, 1925. Diploma of Honorary Membership. Signed
by the President, Charles R. Gibson, and other officers.
31 x 22.5 cm. Printed.

11. POLAND. Chemical Society.
January 17, 1929. Diploma of Honorary Membership, in Polish. Signed by the President, Louis Szperl, and the Secretary, A. Dorabialska. 22.5 x 60.5 cm. Printed. With accompanying typewritten translation, in French.
12. EDINBURGH. Royal Society.
July 2, 1934. Diploma of Honorary Fellowship, in Latin. Signed by E. Sharpey Schafer, President, and J.H. Ashworth, Secretary. Seal. 27 x 32 cm. Printed. With accompanying typewritten letter from the Secretary, dated July 12, 1934.

RELATED MATERIAL.

1. Notes on a course of practical work, held by Professor H. E. Armstrong at the Central Technical College, for Science Mistresses of the Girls' Public Day School Company; made by Martha Annie Whiteley in 1897.
2. Notebook of scientific experiments and observations, carried out according to the heuristic method and written up by Nora Armstrong in 1898. 198 pp. Illustrated with diagrams and photographs.
3. Another notebook, made at the same time as the one above, by Harold Armstrong. 194 pp.

This list was compiled by Mrs. J. Pingree,
College Archivist; typed on an IBM Executive
typewriter, and reproduced on a Gestetner 200
Offset Machine.

Imperial College of Science and Technology,
January, 1967.

