HENRY EDWARD ARMSTRONG
F. R. S.

List of correspondence and papers in the
IMPERIAL COLLEGE ARCHIVES
List of the papers and correspondence of

HENRY EDWARD ARMSTRONG

FRS

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.
CONTENTS

1. General correspondence.

66. Diplomas, etc.

67. Related Material.

ABREVIATIONS

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
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.

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.
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.

ACHERSON, Edward Goodrich. 1856 - 1931.

45. June 12, 1912. Typewritten. Discussion of work of Prof. Mabery, is sending pamphlets about him; thanks for kindness when in London.

1-2. The Acheson Co., Niagara Falls, N.Y.
ALBRIGHT, George Stacey. 1855 - 1945.


ALLEN, Alfred Henry. 1847 - 1904.

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

AMERY, Leopold Charles Maurice Stennett. 1873 - 1955.

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

ARMSTRONG, Henry Edward. 1848 - 1937.


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

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

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

ARMSTRONG, Henry Edward. [continued.]

London Institution. 
To the Registrar, University of 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.
1-3. 55, Granville Park.
To Sir F. Abel. Reasons for not applying for post at R.C.S.

265. March 30, 1894.
1-5. Central Institution.
Draft. To Sir N. Lockyer. Explains motives for wishing to change present post for Chair at R.C.S., now vacant.

509. January 24, 1900.
Central Technical College.
To Sir D. Wallace. Acceptance of terms for writing an article for the Encyclopaedia Britannica.

80. July 6, 1903.
See Life, p. 151.
To Sir W. Bousfield. His opinion of Lord Rosebery's proposals for the establishment of "London Charlottenburg."

114. May 1, 1913.
55, Granville Park.
To Sir J. Wolfe Barry. Asks if he may continue to do research work at the City and Guilds College.

ARRHENIUS, Svante August. 1859 - 1927.

49. August 3, 1888.
Upsala, Sweden.
Postcard. In German. Enquires about the delay in publication of his comments on H.E.A.'s review of a book by Oliver Lodge.

50. November 28, 1902.
Stockholm.
In German. Thanks for congratulations on the award of the Davy medal; hopes that his theory of electrolytic dissociation may continue to be improved; regrets that he cannot receive medal in person.

ATKINSON, Edmund. 1831 - 1901.

51. March 12, 1884.
Portesbery Hill, 
Camberley, Surrey.
Will act as Steward at Perkin dinner.
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.
     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 undergraduate and postgraduate students. [Marked in pencil - 'not used'.]

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


BAKER, Herbert Brereton. 1862 - 1935.

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


59. July 24, 1925. Typewritten. Encloses observa- 4, Carlton Gardens, tions 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.

    John Innes Horticultural Institute,  
    The Manor House,  
    Merton, Surrey.  

   Enquires whether H. E. A. could  
   tell War Office about experiments  
   on eradication of prickly pear  
   he saw in Queensland.

63. May 6, 1915.  
    The same.  

   Remarks on some deadly gas.


64. May 16, 1936.  
    Lydney Park,  
    Gloucs.  

   Comments on complacency of  
   British agriculturists.

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

65. July 8, 1891.  
    Elberfeld.  

   Thanks for assistance in patent  
   suit.

BEALE, Sir William Phipson. 1839 - 1922.

66. March 14, 1884.  
    19, Upper Phillimore  
    Gardens.  

   Will act as Steward at the Perkin  
   Dinner.

    2, Whitehall Court.  

   Interesting reminiscences and  
   comments on Ludwig Mond, a  
   fellow student in Germany.

BEDDARD, Frank Evers. 1858 - 1925.

68. February 19,  
    Zoological Society,  
    Regent's Park.  

   Agrees with opinions of H. E. A. 's  
   printed suggestions on Royal  
   Society which he hopes to discuss  
   with him.
BEHAL, Auguste. 1859 - 1941.


BEILBY, Sir George Thomas. 1850 - 1924.

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

BEILSTEIN, Friedrich Konrad. 1838 - 1906.

71. February 4/16, 1895. St. Petersburg. In German. Typewritten. Pleasurable memories of his visit to Oxford; his opinion of Roscoe's country life; seasickness 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. Somerset House. Will act as Steward at Perkin Laboratory, Dinner.

BERNSTHEN, Heinrich August. 1855 - 1931.


74. February 25, 1897. Ludwigshaven. In German. Explanations about a misunderstanding over the use of H. E. A.'s services in a lawsuit about Rhodamine.

BERRY, Francis.

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

BLOXAM, Charles. 1831 - 1887.

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


80. July 6, 1903. From H. E. A. Gives opinions of Lord Rosebery's proposals on establishment of a 'Charlottenburg for London'.


BRAGG, Sir William Henry. 1862 - 1942.

82. April 14, 1934. To E. F. Armstrong. Unable to accept dinner invitation.

BRAMWELL, Sir Frederick. 1818 - 1903.

83. November 13, 1894. Typewritten. Arrangements for lectures at Royal Institution.

84. May 23, 1898. Thanks for support in election of Fullwood, Four Elms, Edenbridge, Kent.

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

BRITISH ASSOCIATION FOR ADVANCEMENT OF SCIENCE.

22. December 11, 1884. From T.G. Bonney, Secretary. Request that H.E.A. will act as President of Section B [chemistry] at the Aberdeen meeting.
22, Albemarle St.

27. Round robin from members, written by H. E. A. urging discussions on methods of scientific education at the annual meetings.

BROWN, Alexander Crum. 1838 - 1922.

85. March 15, 1884. Unable to attend Perkin dinner because of Edinburgh University tercentenary celebrations at same time.
8, Belgrave Crescent, Edinburgh.

86. February 10, 1891. Accepts nomination as President of the Chemical Society.
The same.

BROWN, Horace Tabberer. 1848 - 1925.

87. March 10, 1884. Will come with his wife to the Perkin dinner; difficulties of carrying out original work.
47, High Street, Burton on Trent.

88. May 2, 1884. Congratulations on appointment to Central Institution; family news.
The same.

BROWN, James Campbell. 1843 - 1910.

89. March 19, 1884. Will act as Steward at the Perkin Dinner.
University College, Liverpool.

90. February 29, 1894. Asks if H. E. A. can get paper from one of his students into Chem. Soc. Journal at early date; details of student (illegible) and his research; asks H. E. A. to help him.
27, Abercromby Sq., Liverpool.
BRUHL, Julius Wilhelm. 1850 – 1911.

91. September 30, 1887.
   5, Marienstrasse, Freiburg.
   In German. Thanks for agreeable visit to London; his subsequent visit to Oxford; hopes to see H.E.A. in Heidelberg.

92. September 9, 1904.
   Hotel Bear, Grindelwald.
   In German. Pleasure in remembrance of his recent visit to England; appreciation of H.E.A.'s sympathetic family circle.


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

BRUNNER, Roscoe. 1871 – 1926.

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

BRUNTON, Sir Thomas Lauder. 1844 – 1916.

95. March 30, 1883.
   50, Welbeck Street.
   Enquiry about doubtful elements for inclusion in his 'Materia Medica'.

96. April 30, 1883.
   10, Stratford Place, Cavendish Square.
   Dictated. Sends copies of his books on digestion and assimilation; references to enzymes, comments on Metchnikoff and intracellular digestion.

BRYCE, James, Viscount Bryce. 1838 – 1922.

   House of Commons.
   Unable to attend dinner because of debate in House.
BURDON - SANDERSON, Sir John Scott. 1828 - 1905.

98. August 8, 1884.
1-3. 50, Banbury Road, Oxford.

Asks H.E.A. to co-operate in researches into question of "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.

116 Street, Broadway, New York.

Congratulations on the award of the Albert medal.

CAMBRIDGE PHILOSOPHICAL SOCIETY.

The Museums, Cambridge.

From the President, A.E. Shipley. 
Printed letter. Election as Honorary Member of the Society.

CAMBRIDGE. The University. Jacksonian Professorship.

100. April 1, 1875.
London Institution.

Printed. Letter of application for the Professorship from H.E.A.

101. 1874.


CARO, Heinrich. 1834 - 1910.

102. April 29, 1893.
Mannheim.

Hofmann's death; remarks on unreliability of statistical data showing progress of coal tar industry.

CHANCE, Alexander. M 1844 - 1917.

103. March 17, 1884.
Westfield Road, Edgbaston.

Thinks it best not to act as steward at the Perkin dinner.
CHRISTIE, Sir William Henry, Mahoney. 1845 – 1922.

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

CITY AND GUILDS OF LONDON INSTITUTE.

Gresham College, Basinghall St.

30. September 25, 1906. Reappointment as Professor at the Central Technical College for 1907. Loose pencilled note states that H. E. A.'s post was annually renewed in this manner.
The same.

105. September 26, 1879. From H. E. A. to the Secretary. Application for post of Lectureship in Chemistry at Cowper Street, with covering letter.
106. London Institution.

Gresham College.

108. March 4, 1881. From Philip Magnus. The building of the Finsbury College is to proceed.
Gresham College.

109. Undated, but must be 1884. Short list of candidates for professorships at the Central Institution.

110. April 30, 1884. From Philip Magnus. Covering letter for formal announcement of appointment as Professor.
Gresham College.

111. July 20, 1886. From Philip Magnus. Sanction of appointment of Miers and Moody; asks why Wynne has been employed without this sanction.
Central Institution.


113. February 24, 1890. From Professor Unwin [?] arrangement for meeting of Board of Studies, etc. Initialled by the Professors.
Central Institution.
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<tr>
<td>114.</td>
<td>May 1, 1913.</td>
<td>Typewritten copy. From H.E.A. 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.</td>
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<td></td>
<td>55, Granville Park.</td>
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<td>115.</td>
<td>May 7, 1913.</td>
<td>From Wolfe Barry to Sir A. Keogh. Comments on (114.)</td>
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<td></td>
<td>Delahay House.</td>
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<td><strong>CLAISEN, Ludwig. 1851 - 1930.</strong></td>
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<td>116.</td>
<td>April 28, 1900. Chemical Institute, Kiel University.</td>
<td>In German. To E.F. Armstrong. Fischer's illness; crowded state of 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.</td>
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<tr>
<td>117.</td>
<td>July 15, 1900. The same.</td>
<td>In German. To the same. Has been unable to obtain acetale using pure alcohol in the fifty odd experiments he has made.</td>
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<td>118.</td>
<td>August 26, 1908. Augustastrasse, 24, Godesberg am Rhein.</td>
<td>In German. To the same. Regrets at delay in sending testimonial; his absence on sick leave from the University of Berlin, where he is now an Honorary Professor.</td>
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<td>119.</td>
<td></td>
<td>Précis of letters 116 and 117 above, probably written by E. F. Armstrong.</td>
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<td><strong>CLARKE, George Sydenham. 1st Baron Sydenham of Combe. 1848 - 1933.</strong></td>
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<td>120.</td>
<td>January 16, 1916. 101, Onslow Square.</td>
<td>Chocolate an excellent portable military food; comments on the tragic results of incompetent government leadership in the war.</td>
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<td>121.</td>
<td>February 22, 1916. The same.</td>
<td>Is still hammering away at the cocoa question; further remarks on incompetence of the government.</td>
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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.

COLLINS, 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.


CROOKES, Sir William. 1832 - 1919.

131. January 17, 1887. 7, Kensington Park Gardens. Thinks it best not to attend Chemical Society meeting as he may be proposed as next President.

132. March 14, 1887. The same. Will give H.E.A.'s assistant drawings for exhibition, prefers not to show his photographs as they are not of high enough standard.

133. November 8, 1890. The same. Typewritten note. Will attend dinner for Dr. Japp.

134. February 14, 1895. The same. Typewritten. Will send H.E.A. his Argon photographs; comments on cold and efforts to keep water system working.

135. August 3, 1910. Sark, C.I. Thanks for congratulations on receiving O.M.

136. August 17, 1912. 7, Kensington Park Gardens. Thanks for a letter; best wishes for salmon fishing.

CROSS, Charles Frederick. 1855 - 1935.

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

CURIE, Marie. 1867 - 1934.

138. May 16, 1909. Laboratoire de Physique Générale, 12, Rue Cuvier Paris. In French. Unable to attend Congress of Applied Chemistry for various reasons, illness of member of family amongst them.
DARWIN, Sir George Howard. 1845 - 1912.

Unable to attend Committee meeting.

DAVIS, George Edward. 1850 - 1907.

140. March 15, 1884. Fallowfield, Manchester.
Unable to act as steward at the Perkin dinner.

141. January 21, 1885. Thorncliffe, Belmont, Nr. Sheffield.
Will send samples of liquid from gas made at various temperatures.

142. January 18, 1886. The same.
When recovered from an illness will send drum of hydrocarbons absorbed and regained from gas.

143. February 3, 1886. The same.
Has sent a tin 'advised as creosote' of 'stuff scrubbed out of our gas by oil'.

DE LA RUE, Warren. 1815 - 1899.

144. March 11, 1884. 73, Portland Place.
Will act as steward at Perkin dinner.


DEWAR, Sir James. 1842 - 1923.

145. November , 1890. Royal Institution.
Will attend the dinner to Dr. Japp.

146. November 3, 1911. The same.
Congratulations on the award of the Davy medal.

147. November 24, 1915. The same.
Advice about attending meeting of the Royal [Society ?].

DICKINS, Frederick Victor. 1838 - 1915.

Arrangements for students; appreciation of an address of H. E.A. 's and of his work as an Examiner.
DIXON, Harold Baily. 1852 - 1930.


DOWSON, Joseph Emerson. 1844 - 1940. Inventor.

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

DUISBERG, Friedrich Carl. 1861 - 1935.

152. August 29, 1893. Elberfeld. In German. Typewritten. Is 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 applications. Prof. Eder in Vienna is investigating the light sensitivity of their dyestuffs.

DUMAS, Jean Baptiste Andre. 1800 - 1884.

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


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

DUPRE, August. 1835 - 1907.

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

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.

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.

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.

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. 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.


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.


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.

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.

To the Council of King's College.  
To the Council of King's College.
1-4. Royal College of Chemistry, 315, Oxford Street.  
Testimonial for post of Demonstrator.  
Copy of no. 4.

173.  
April 3, 1875.  
Royal College of Chemistry, South Kensington Museum.  

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.

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.

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.

In German. Letter of introduction for Dr. P. Radhausen.

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.

In French. Unable to accept invitation.

185. October 8, 1893. 1-2. 115, Darent Road, Stamford Hill.

Business bad in Hackney Wick works; German profits in aniline 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. 42, Rutland Gate.

Unable to attend Catalogue Committee meeting, explains reasons why he would have supported inclusion of anthropology 'in all its fullness'.

GARNETT, William. 1850 - 1932.


Sends copy of Science Class circular, explanation of plans for others, etc.

GLADSTONE, John Hall. 1827 - 1902.

188. March 11, 1884. 17, Pembridge Sq.

Will act as steward at the Perkin dinner.

189. June 2, 1886. The same.

Suggests subject H. E. A. might raise at School Education Committee of B.A. of which he is secretary.

GORDON, Hugh.

190. November 26, 1893. 3, Courtfield Gdns.

Ill health has prevented him sending 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. 17, Bloomsbury Square.

Election as Honorary member of the Society.
GRIESS, Peter. 1829 - 1888.

191. October 15, 1880.
The Brewery, Burton on Trent.

In German. Gives details of his recent experiments with Naphtholdisulphuric acid 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.
The same.

Will act as steward at the Perkin dinner.

GRIFFITHS, Ernest Howard. 1851 - 1932.

193. October 10, 1900.
12, Park Side, Cambridge.

Explains motives in applying for Professorship of Experimental Physics at Oxford, asks for testimonial.


194. June 14, 1893.
115, Harley St.

Can now present photograph of himself to Chemical Society collection.


195. August 8, 1880.
88, Upper Remington Lane.
See Life, p. 58.

Discusses Longman's terms for the publication of their joint book 'Miller's Organic Chemistry'.

GUYE, Philippe Auguste. 1862 - 1922.

196. January 7, 1895.
University of Geneva.

In French. Discusses exchange of Journal of Chemical Soc. for 'Archives des sciences physiques et naturelles de Genève'.

HALLEVY [?], A

197. March 1, 1893.
Institut Chimique, Academie de Nancy
Cabinet du Directeur.

In French. Thanks for joining with Ramsay in putting his name before the Chemical Society [presumably for membership].

198. April 14, 1918.
10, rue Vauquelin, Paris.

Discussion of publication of Anglo French chemical work; the war, death of his son; present bombardment of Paris.

22.
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 See also 212, 249. that of the Royal Society.


HARCOURT, Augustus George Vernon. 1834 - 1919.

201. March 18, 1884. Will act as steward at the Perkin Oxford. dinner.


HARDY, Sir William Bate. 1864 - 1934.


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

HEHNER, Otto. 1853 - 1924.


11, Billiter Sq.

HENDERSON, John. 1862 - 1938.


109, Corringham Road, N. W. 11.

211. June 26, 1929. Typewritten. Glad that matters are arranged with Cobbett.

HERDMAN, Sir William Abbott. 1858 - 1924.


See also 199, 249.

HERKOMER, Sir Hubert. 1849 - 1914.


HEYDEN, Friedrich von.

HILL, Sir Arthur William. 1875 - 1941.


216. January 21, 1883. Department of Science and Art paper. Arrangements for chemistry meetings to be held at the Royal Colloege of Chemistry.

217. n.d., but must be March, 1884. No address, but paper as above. 're dinner - certainly' [can attend Perkin dinner].

HOFMANN, August Wilhelm. von. 1818 - 1892.

218. May 4, 1884. 10, Dorotheastrasse [Berlin]. To Sir F. Abel. Describes his pleasure in his recent visit to England for the Perkin dinner, recalls his early days when at R.C.C.

219. November 6, 1890. The same. Explains why he will not be able to come to the jubilee celebrations of the Chemical Society.

220. November 23, 1891. The same. Lists a number of enquiries about the life and family of Peter Griess [written on back of circular].


222. 'original list of the Giessen numbers written out by Hofmann for me, who as Junior Assistant under Blyth and Bleibtrae 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. Marlborough House. Thinks it best not to attend the Perkin dinner.
HOPKINS, Sir Frederick Gowland. 1861 - 1947.


Thanks for a letter on recent work of Moore's; discussion of his views; thanks for H.E.A.'s 'Mechanics of Fire', hopes his son will visit Cambridge.

225. November 17, [1929]. 71, Grange Road, Cambridge.

Thanks for congratulations on the award of the Nobel prize.


Describes difficulties on revision of medical tripos.


227. June 15, 1890. 80, Park Street, Grosvenor Square.

Assesses contribution of Dr. 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.


Arrangements for presentation of testimonial to Tyrer.


229. February 5, 1901. 90, Upper Tulse Hill, S.W.

Agrees with H.E.A.'s opinion on address [to new sovereign]. Thinks it would be insult not to ask King to be Patron.

230. June 4, 1902. The same.

Thanks for congratulations on award of O.M.

HUNTINGTON, Alfred Kirby.

231. March 17, 1884. Metallurgical Laboratory, King's College, London.

Will act as steward at the Perkin dinner.
HUTCHINSON, Arthur. 1866 - 1937.

Christ's College, 
Cambridge. 
Expects 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 Royal Society, that H.E.A. will write Dewar's Burlington House. obituary notice, but also hope 242. November 28, 1896. that he will write the long over­ Admiration of photographs of due notice on Dr. Messel. Dorset lent him by H.E.A.

JUDD, John Wesley. 1840 - 1916.


243. November 23, 1932. Is unable to see visitors but 17, Aubert Park, thanks H.E.A. for offer to Highbury, N.5. come and see him.

244. March 7, 1934. Directions on approach to Buckston Browne Farm, Altamira caves; comments on Downe, Farnborough, Lady Dewar; wife's ill health; Kent. Richard Gregory.

KEKULE VON STRADONITZ, Friedrich August. 1829 - 1896.

245. October 1889. Printed notice, in German. Thanks Bonn. for congratulations on sixtieth birthday.

246. May 9, 1894. In German. Cannot accept offer Chemical Institute, of being Faraday lecturer that Bonn. year on account of his health and advancing age.


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

KOLBE, Adolf Wilhelm Hermann. 1818 - 1884.

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


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.


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 lecture-ship for the Autumn of 1896.

LE CHATELIER, Henry Louis. 1850 - 1936.


29.
LEEDS. Yorkshire College of Science.

255. June 30, 1874.
    London Institution.

Application by H.E.A. for chair of chemistry.

LEVINSTEIN, Herbert. 1878 – 1956.

256. December 1, 1938.
    Sand Hill,
    Winslow, Bucks.

To Dr. E.F. Armstrong. Thanks for notice in 'Nature' on his lecture; comments on evil effect of vegetarianism on Perkin.

LEVINSTEIN, Ivan. 1845 – 1916.

257. July 11, 1901.
    Hawkesmoor,
    Wilbraham Road,
    Fallowfield.

Pope has been elected to Manchester post.

LIEBMANN, Adolf.

    The Whim,
    Weybridge.

Remarks on vacuum flask industry and its development.

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

    Haigh Hall, Wigan.

Typewritten. Suggests that H.E.A. communicates with Gwynne, editor of the Morning Post, about government patronage of science.

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

    12, Park Crescent,
    Portland Place.

Would like to see proof of record of proceedings. [unnamed].

LIVEING, George Downing. 1827 – 1924.

261. March 12, 1884.
    Cambridge.

Will act as steward at the Perkin dinner.

262. February 24, 1888.
    Cambridge.

Reports complaints he has received from several quarters about H.E.A.'s manner as examiner for M.B. last year.
LIVEING, George Downing. [continued].


LIVERSIDGE, Archibald. 1847 - 1927.

264. March 12, 1885. University of Sydney. Enquires whether H.E.A. still requires specimens of eucalyptus 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.


LODGE, Sir Oliver Joseph. 1851 - 1940.

266. September 21, 1908. Mariemont, Edgbaston. Disagreement with H.E.A. on a point of physical chemistry.

267. October 31, 1912. The University, Birmingham. Discussion of atomic energy.

LONDON. Athenaeum Club.


LONDON. Chemical Society.


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


270. April 23, 1884. Chemical Society dinner to Dr. and Mrs. Perkin; invitation card.

31.
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. 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 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.


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.
London Institution,
Finsbury Circus, E.C.

From the Assistant Hon. Sec.,
Julian Hill. Expresses regret
of Board of Management and
himself at H. E. A.'s resig-
nation.

LONDON. Royal Society.

442. June 2, 1876.
Burlington House.

Printed letter announcing his
election to the Royal Society.

443. June 18, 1936.
Burlington House.

Typewritten. From Sir W.
Bragg. Congratulations on
achievement of 60 years'
Fellowship of the Society.

See also 241, 455.

LONDON. Royal Society of Arts.

444. October 10, 1879.
John Street, Adelphi.

From [Sir] Henry Trueman
Wood. Acting in advisory
capacity to Institute, states that
H. E. A.'s course of lectures
and syllabus for Cowper Street
have been accepted.

The same.

Typewritten. From G.K.
Menzies. Informal announce-
ment of award of Albert medal,
date of presentation ceremony.

446. June 3, 1930.
The same.

Typewritten. From G.K. Menzies.
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.
9, Bridge Street,
Westminster.

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

From H.E.A. to the Registrar. Application for Examinership in chemistry.

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

Cannot attend function; would like to know name of recipient of his medal, etc.

Has received report.

Would like to have photographs [H.E.A.'s Dorset views].

Suggests deputation to Senate.

Comments on University matriculation regulations etc.

To William Crookes. Resigns from the Chemical Society after difficulties with Publications Committee.
MACDONALD, James Ramsay. 1866 - 1937.

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

MCGOWAN, John.

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

MCLEOD, Herbert. 1841 - 1923.

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

MAGNUS, Sir Philip. 1842 - 1933.

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

C.G.L.I. Department of Technology,
Exhibition Road.
Returns letter written by H.E.A. found amongst Sir W. Bousfield's papers, given to P.M. to sort 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.
University of Virginia.
Is sending paper on Stas and the determination of atomic weights which, as he is unable to come to London himself, he has suggested H.E.A. should read at a meeting of the Chemical Society on the anniversary of Stas' death.

MANNING, Frederick A

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

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.

     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.

     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.

Dictated. Hopes H.E.A. has received proof of his lecture; may revise work on solutions.

MENSCHUTKIN, Nicolai Alexandrovitsch. 1842 - 1907.

Enquiry about catalogue of Russian chemical periodicals.

MERZ, Victor.

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

MESSEL, Rudolph. 1848 - 1920.

302. March 20, 1882. 36, Mark Lane, E.C.
Answers enquiry from H.E.A. about supply of lead, comment agreeing with Lunge on B & L's process.

303. [March 1884]. Silvertown, Essex.
Will act as steward at the Perkin dinner.

304. April 30, 1884. 36, Mark Lane.
Congratulations on Central Institution appointment.

305. August 4, 1916. Queen's Highcliffe Hotel, Cliftonville.
Comments on his own health, that of Armstrong family, various public events, etc.

MEYER, Lothar. 1830 - 1895.

In German. Note in English by F.R. Japp, addressed to the Secretaries, Chemical Society 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.

The Yorkshire College, Leeds.

Admiration of H. E. A.'s methods of science teaching, adumbration of new system of primary school, etc. education as basis for scientific instruction.

MICHAEL, A

308. July 4, 1891.
Torwood, Bonchurch, I. O. W.

Regrets that necessity of signing an obligation prevents him from accepting election to the Chemical Society, for which H. E. A. has proposed him.

MIERS, Sir Henry Alexander. 1858 - 1942.

309. September 30, 1891.
Natural History Museum.

States claims for increase in salary, and for apparatus grant, as lecturer in crystallography at the Central Institution.

310. October 5, 1891.
The same.

Suggests introduction of mineralogy course, if his suggestion of increased salary is acceded to.

311. March 2, 1896.

Typewritten copy. Resignation of post at Central Institution; recommendation of W. J. Pope; expression of gratitude to H. E. A.

MILLER, Alexander.

312. October 11, 1889.
Ashfield, Kirkintilloch.

Asks H. E. A. to send covering note about research work done at Central Institution when forwarding paper to Elberfeld.
313. November 8, 1878. To Sir W. Perkin. Covering note for specimens of silk:- 1. dyed hot with colourless solution of magenta. 2. cold with coloured solution of the 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 dinner.

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

317. May 14, 1937. Typewritten. Thanks for congratulations [on award of baronetcy].

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

319. September 20, 1915. Arrangements for meeting, has as yet written nothing [on life of her husband].
MOND, Ludwig. 1839 - 1909.

320. March 11, 1893.
The Poplars,
20, Avenue Road,
Regent's Park.
Comments on the refraction of metallic nickel.

Wyfold Court,
nr. Reading.
Typewritten. Is unable to attend Coal tar colour jubilee; hopes H. E. A. can stay with him for few days.

322. Possibly before 1904 when Dewar was knighted not here referred to by title but as Prof. only.
To E. F. Armstrong. 3 p. only, beginning of letter missing. Would like to know about arrangements for lecture at Royal Institution by Prof. Dewar.

MOND, Sir Robert Ludwig. 1868 - 1938.

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

MONTAGUE,

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

MORANT, Sir Robert Laurie. 1863 - 1920.

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

MORGAN, Sir Gilbert Thomas. 1872 - 1940.

D. S. I. R., Chemical Research Laboratory,
Teddington, Middx.
Typewritten. Technical comments on colouring of the blue hydrangea.
MORLEY, Henry Forster. 1855 - 1943.


MOULTON, Hugh Fletcher. 1876 - 1962.


MUIR, Matthew Moncrieff Pattison. 1848 - 1931.

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

MÜLLER, Hugo. 1833 - 1915.

330. November 9, [1890]. Will attend farewell dinner to Dr. Japp. Crosby Hill, Camberley, Surrey.

331. December 28, 1892. To Thorpe. Discussion of proofs of some M.S.S. The same.

NEWLANDS, Benjamin Edwin Reina. 1842 - 1912.


NICHOLSON, Edward Chambers. 1827 - 1890.

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

NOBLE, Sir Saxton William Armstrong. 1863 - 1942.

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.


7. December 13, [1870]. The same. To the Managers of the London Institution. Testimonial for directorship of Chemical Laboratory.


336. St. Bartholomew's Hospital. Encloses payment for course of lectures given by H.E.A. as his deputy [see 5 above]; comments on art of lecturing.


338. March 30, [1891?]. Athenaeum Club. Sends M.S. of his speech for Jubilee [of Chemical Society ?].


339. 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. Will act as steward at the Perkin dinner.

341. Congratulations on Central Institution appointment.
O'SULLIVAN, James.
342. June 22, 1893.
26, Ashby Road,
Burton on Trent.
Asks advice about publication
of his research into influence
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.
Merton College,
Oxford.
From the President, Frederick
Soddy. Sends copy of current
'Transactions'.

PAGE.
344. December 9, 1885.
168, Regent Street.
PEDLER, Sir Alexander. 1849 - 1918.
347. April 30, 1884.
Wood Bank, Lordship
Lane, S.E.
Congratulations on Central
Institution appointment, arrange-
ments for visit.

348. July 1, 1892.
Calcutta.
Thanks for H. E. A.’s work in
gaining his election to the
Royal Society.

PERCY, Alan Ian. 8th Duke of Northumberland. 1880 - 1930.
349. July 23, 1925.
17, Prince’s Gate.
Typewritten. Sends report of
his speeches.

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 alizarine, statistics of coal tar distillations, etc.


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

PERRY, John. 1850 - 1920.


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,


357. February 22, 1886. The same. Arrangements for delivery of oil, tar, etc.

PICKERING, Percival Spencer Umfreville. 1858 – 1920.

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


358. March 11, 1884. 68, Onslow Gdns. Will be unable to act as steward at the Perkin dinner, as he must attend tercentenary celebrations of University of Edinburgh.

359. April 30, 1893. The same. Is now ready for meeting [to discuss Hofmann Memorial lectures ?]. Voice has now returned.


POLAND. Chemical Society.

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

POPE, Sir William Jackson. 1870 – 1939.

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


PRAIN, Sir David. 1857 -1944.

363. August 5, 1910.
Kew Gardens.

Has sent some seeds of Vicia argentifolia; notes on fruiting of a prunus amygdalus at Kew.

The same.

Does not think the authorities concerned will consult him about vacant post at Bangalore.

PSCHORR, Robert Franz. 1868 -1930.

539. November 22, 1924.
Deutsche Chemische Gesellschaft.
Sigismundstrasse 4,
Berlin.

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.

PURDIE, Thomas. 1843 -1916.

365. February 21, 1893.
14, South Street,
St. Andrews.

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.

RAMSAY, Sir William. 1852 -1916.

366. March 17, 1884.
University College,
Bristol.

Will act as steward at the Perkin dinner.

367. May 12, 1884.
10, Osborne Road,
Clifton.

Letter recommending an Arthur Richardson as demonstrator for H. E. A. in his new post.

RENNIE, Edward Henry. 1852 -1927.

368. January 9, 1893.
37, Lonsdale Sq.,
Barnsbury.

Application for a grant from the Chemical Society Research Fund, for investigation of the crystal-line substance extracted from Sarsaparilla.
REVERDIN, Frédéric. 1849 - 1931.

3, Rue du Stand,
Geneva.

In German. Dictated. Sends four volumes of tables of derivatives for H. E. A. to look through in connection with his research with Dr. Wynne.

REYNOLDS, James Emerson. 1844 - 1920.

370. March 14, 1884.
Trinity College,
Dublin.

Will act as steward at the Perkin dinner.

RIDLEY, E P

24, Museum Street,
Ipswich.

Thanks for assistance in some matter.

RILEY, Edward. 1831 - 1914.

372. March 12, 1884.
Laboratory and Assay Office, 2 City Road.

Will be unable to attend the Perkin dinner.

ROBERTS, Sir Owen. 1835 - 1915.

373. March 18, 1884.
C[lothworkers] H[all].

Will see H. E. A. but favours Lunge as Professor at the Central Institution.

374. September 5, 1907.
Plas Dinas,
Carnarvon, N. Wales.

Advice about career of one of H. E. A.'s sons.

419. November 2, 1886.
C[lothworkers'] H[all].

In E. C. Robins' collection of letters. Prefers, as he is no longer an Hon. Sec. of Institute, that H. E. A. should not consult him [about possible resignation ?].

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

375. March 14, [1884].
Royal Mint.

Will act as steward at the Perkin dinner.

376. December 21, 1892.
The same.

Advice about photograph of portrait medal of Stas.
ROBERTS - AUSTEN, Sir William Chandler. [continued].


ROBERTSON, George Henry. d. 1903.

432. September 6, 1890. 30, Hemstall Road, N.W. Ayrton has been enquiring about progress of their joint research on accumulators [see Proc. Royal Society pt. 1. 1891. Discussion of chemical changes occurring in the cell]; future plans; etc. Technical comments on 'rise in EMF on breaking circuit'.

433. September 19, 1890. The same. Further details of his work and reading.

434. September 22, 1890. The same. Is sending blossom of yellow 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. 8, Marlborough Road. General Institution matters.

379. January 30, 1882. 14, John Street, Adelphi. Enquiries arising from tour of German scientific institutions.

380. February 3, 1882. The same. Is sending his letters to his wife during German tour.

381. February 4, 1882. The same. Report of meeting of an Institution committee, etc.

382. March 12, 1882. The same. Repeated requests for German addresses; apprehension about prospective Royal visit.

383. November 8, 1882. The same. Difficulties over fittings [at Cowper Street]; insufficient co-operation from Professors.
ROBINS, Edward Cookworthy. [continued].

The same.

385. November 18, 1882.
The same.

386. n.d.

387. November 27, 1882.

388. December 12, 1882.
8, Marlborough Road.

389. February 3, 1883.
The same.

390. February 20 [?], 1883 [?].
The same.

391. March 8, 1883.
14, John Street.

The same.

393. July 31, 1883.
The same.

394. November 18, 1883.
The same.

395. November 26, 1883.
Grammar School, Exeter.

396. [December, 1883].

Criticism of Ayrton, Perry, a joint architect [Clifton ?] and other building matters.

Is sending various plans etc. difficulties with Coomber.

Note accompanying some drawings.

Sends letter from Coomber, comments on his mistakes, plagiarism.

Detailed letter about layout of laboratories, fittings.

Has very bad cold, getting a paper ready.

Description of various activities, visit to Waterhouse's surveyor, etc.

Family affairs etc., prospective visit to Bristol.

Difficulties with boiler and engine flues etc. at Cowper Street.

Reference to Huxley, and his son, ill in Paris; has stated in committee need to draw on Professors' knowledge in design of new building.

References to Huxley, S. P. Thompson, and his new building at Bristol.

From J. E. Marsh, Chemistry Master, to E. C. Robins, with diagram of laboratory at the school.

Mentions work at Committee, special meeting to consider H. E. A.'s proposals to be held, invitation to lunch.
Sends draft of letter to Sawyer.

Rough draft, suggesting that Professors should list rooms and their uses in their departments and enlargement required, etc.

Internal politics and administration at the F.T.C.: position of Hon. Sec.; 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.

Asks for English equivalents of rooms in plan of Charlottenburg, etc.

Sends proof of lecture for correction.

New Year present etc.

Mistakes in printing of lecture.

Huxley sees no objection to memorial of F.T.C. Professors; decisions of sub-committee on Central Institution still confidential, etc.

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?].

Central Institution now main subject of consideration for various committees - 'Money not forthcoming for it'.

Asks H.E.A. to complete form so 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 'wigging' about unfinished laboratory.


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.

51.
420. February 15, 1887. 8, Marlborough Road. 

Praise of a syllabus from H, E.A., etc.

421. February 17, 1887. National Conservative Club, Pall Mall.

Short note; something must be done to gain students.

422. February 21, 1887. 46, Berners Street.

Asks if Unwin and others might 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. Arrangements for 'Drawing room meeting', all invitations private. [See 'Life' p. 98]. 'Huxley feels it a duty to support me'.

423. February 23, 1887. 8, Marlborough Road.

Subjects for [architectural] lectures; suitable hours for classes; thinks of introducing subject of 'Architects' education at the R.I.B.A. conference.

424. February 25, 1887. 8, Marlborough Road.

Enquires about possibilities of becoming an F.R.S.

425. October 5, 1887. 46, Berners Street.

Describes arguments with S.P. Thompson about position of F.T.C., C.T.C.; dissension in Institute; task of Magnus.

426. May 14, 1888. 14, John Street.

Asks for comments on a memorandum from Cates [?].

427. February 11, 1890. 46, Berners Street.

Enquires if economies can be made in demands for new equipment by joint use between departments, etc; asks for list of careers of chemistry students at C.T.C. etc.

428. February 11, 1890. The same.

Trueman Wood has suggested scheme for High School of Applied Art should be considered by Society of Arts.

429. April 14, 1890. 8, Marlborough Road.

From Mrs. Robins. Advocates 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 kind message [on knighthood ?].
117, Banbury Road, Oxford.

ROMANES, George John. 1848 - 1894.

435. May 30, [1893]. Has consulted Lankester about Royal Society affair; L. thinks his letter, not Poulton's, should be sent to the 'Times'; recommends that amended circular should not be published. See 362.

ROSCOE, Sir Henry Enfield. 1833 - 1915.

Owens College, Manchester.

The same.

436. November 5, 1880. Cannot attend publication committee [of Chemical Society], recommends abbreviation of many of papers read.
Athenaeum.

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

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

439. November 9, 1890. Is unable to attend Japp dinner but sends best wishes.
10, Bramham Gardens, Wetherby Road, S. W.
ROSSITER, Edmund C. 1868 - 1937.

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

ROUSSEAU, E.

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

ROYLE, Thomas.

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


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

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


9. November 30, 1870. Chemical Laboratory, St. Mary's Hospital, Paddington. Testimonial for post of demonstrator at King's College, also 9b. Copperplate copy.

19. March 8, 1882. Chemical Laboratory, St. Bartholomew's Hospital. To the senate of the University of London. Testimonial [for post as Examiner ?].

451. March 27, 1882. The same. Encloses cheque as fee for classes.

452. March 4, 1884. The same. Arrangements for Perkin dinner.

54.
RUSSELL, William James. [continued].

453. December 14, 1891. The same.
Mentions corrections for 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.

Encloses proof of obituary notice of Dewar.

Discusses claims of F. E. Smith in favour of becoming secretary of R.S.

Typewritten. Unable to meet Lewis at a dinner.

ST. ANDREWS. The University.

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

SAKURAI, Joji. 1858 - 1938.

1-2. Science College, Imperial University, Tokyo, Japan.
Fatal effects of influenza in his family, death of his son in law, Dr. Haga; introduction of a 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.

Will reply later to H.E.A.'s circular.

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.


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.
<table>
<thead>
<tr>
<th>Name</th>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHENSTONE, William Ashwell</td>
<td>June 4, 1893</td>
<td>Report of Halogen committee must be prepared; comments on H. E. A. 's paper on 'Chemical change'</td>
</tr>
<tr>
<td>SHERRINGTON, Sir Charles</td>
<td>November 23, 1903</td>
<td>Asks H. E. A. to sign circular letter, probably protesting against the failure to nominate a Secretary to the Royal Society representing Biology [Sir M. Foster's term of service had ended]</td>
</tr>
<tr>
<td>SHIPLEY, Sir Arthur Everett</td>
<td>August 8, 1918</td>
<td>Typewritten. disagrees with H. E. A. 's views and thinks that distinction should be made between a German and a Jew.</td>
</tr>
<tr>
<td>SIEMENS, Frederick</td>
<td>November 13, 1885</td>
<td>Dictated. From John Head. Batt and Co. will send H. E. A. specimens of Siemens tempered glass from the Exhibition, etc.</td>
</tr>
<tr>
<td>SMITH, Sir Frank Edward</td>
<td>April 13, 1934</td>
<td>Will be unable to attend dinner for Lewis.</td>
</tr>
<tr>
<td>SMITHELLS, Arthur</td>
<td>October 4, 1892</td>
<td>Disagreement with H. E. A. 's views on hydrocarbons; asks him to replace study of poison testing in Intermediate London M. B. for something more useful.</td>
</tr>
</tbody>
</table>
SODDY, Frederick. 1877 - 1956.

131, Banbury Road, Oxford.

Glad of H. E. A.'s support in some organised opposition to form of election to Royal Society.

See also 343.

SPILLER, John. 1833 - 1921.

475. March 13, 1884.
Atlas Works, Hackney Wick.

Will be able to attend the Perkin dinner.

STEVenson, Sir Thomas. 1838 - 1908.

476. March 12, 1884.

Postcard. Will attend the Perkin dinner.

477. March 20, 1898.
Sandhurst Lodge, Gresham Road, Brixton.

Invitation to an official dinner.

STOKES, Sir George Gabriel. 1819 - 1903.

Lensfield Cottage, Cambridge.

Typewritten. Is unable to accept invitation to deliver Faraday Lecture to the Chemical Society.

STREATFEILD, Frederick William. d. 1918.

479. December 15, 1884.
Chemical Laboratory, Finsbury Technical College.

Detailed account of the subjects treated at the Lecture demonstrations on Monday evenings at the F. T. C.

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

480. November 5, 1891.
Terling Place, Witham, Essex.

Explains some misunderstanding about preservation of papers in [Royal Society?] Archives.

58:

481. June 15, St. Dunstan's College, Catford. Asks if H. E. A. will look at examination papers of boy who has been taught chemistry entirely in the laboratory without any reference to textbooks.


482. March 27, 1901. 1-2. Kew Gardens. Production of indigo, after discovery of synthetic means of supply, could be replaced in India by increased cultivation of sugar. Complaints of Sir M. Foster supplanting him in University 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.


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.

59.
THOMSON, Sir William. [continued].

487. [February, 1901]. Fleming's Hotel, Half Moon Street. Hope H.E.A. will join the deputation to Lord George Hamilton about Cooper's Hill.


THORNE, Leonard Temple.


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'.

60.
TIEMANN, Ferdinand. 1848 - 1899.

497. November 18, 1890.

Notes an erratum in account of a society meeting.

TILDEN, Sir William Augustus. 1842 - 1926.

15. February 22, 1874.

Thanks for copy of book 'Treatise on Organic Chemistry'.

498. April 30, 1884.

Congratulations on appointment to Central Institution.

499. June 2, 1886.

Thinks it a good idea to discuss subject of science teaching in schools.


Hopes to apply for post at Owen's College; arrangements for discussion on solution.

TINGLE, John Bishop. 1867 - 1918.

501. January 16, 1890.

Sends copy of his dissertation, is hoping to obtain grant from the Chemical Society, outlines his plan of research, action of camphor on oxalic ether etc.

502. November 24, 1890.

Application for further grant, to continue research on camphor.

TYNDALL, John. 1820 - 1893.

503. March 14, 1884.

Will act as steward at the Perkin dinner.


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.

61.
VAN'T HOFF, Jacobus Hendricus. 1852 - 1911.

505. August 14, 1894. Amsterdam.
Asks for copy of H.E.A.'s paper on photochemistry.

Postcard. New Year wishes.

VOELCKER, John Christopher Augustus. 1822 - 1884.

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

WALLACE, Sir Donald Mackenzie. 1841 - 1919.

Gives in detail terms for H.E.A.'s article on progress of Chemistry, *for Encyclopaedia Britannica*.

Draft of letter from H.E.A. Acceptance of terms outlined in 508; questions points raised in circular letter to contributors.

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

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

WARREN, Sir Herbert. 1853 - 1930.

Typewritten. States views on prevalence of literary ability etc.

WATSON, David. 1846 - 1899.

Enquiry about copper alloys; opinion of E. Rossiter.
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.


517. December 17, 1905.
41, Grosvenor Road.
Comments on rejection of his suggestion of a retiring pension for a Lewisham head-mistress.

The same.
London County Council cannot give overriding influence to its representative on the Governing Body over the other members.


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.
R.I.B.A., 9, Conduit St., Hanover Square.

524. January 11, 1884.
The same.
To E.C. Robins. Sends proofs of plates etc., for correction.

WICHHELHAUS, Karl Hermann. 1842 - 1927.

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

WIGNER, George William. 1842 - 1884.

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

WILLIAMS, John. 1824 - 1889.

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

WILLIAMSON, Alexander William. 1824 - 1904.

526. April 11, 1876.
Royal Society,
Burlington House.
H.E.A. is on selected list for membership of the Royal Society.

527. September 25, 1879.
University College,
London.
Testimonial for post at the Cowper Street Schools.

528. October 9, 1879.
University College.
Congratulations on appointment, with comments on importance of the post.

529. March 6, 1884.
28, Primrose Hill Rd., N.W.
Will act as Steward at the Perkin dinner.

530. January 16, 1893.
High Pitfold,
Shottermill,
Haslemere.
Cannot find notes of some Faraday M.S.S. [handwriting very illegible].
WILLSTÄTTER, Richard. 1872 - 1942.


WITT, Otto Nikolaus. 1853 - 1915.

532. January 2, 1882. 24, Rue Schlumberger, Mulhouse, Alsace. Describes travelling arrangements for return to Mulhouse, extends warm invitation to H. E. A. [from Hamburg].

533. April 22, 1901. Siegmundshof 21, Berlin. Is going away at once but hopes he will be able to see H. E. A. on his return.

WOLFE - BARRY, Sir John. 1836 - 1918.

114. May 1, 1913. 55, Granville Park. H. E. A. to Sir John. Asks if he may continue to do research work at the City and Guilds College, perhaps give special course at the Imperial College. Typewritten copy.


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

WRIGHT, Charles Romley Alder.

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


536. December 24, 1922. 17, T Aptownville Road, Sheffield. Gives detailed reasons for not wishing to assume Presidency 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 cm. 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.


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 58.5 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.  

**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.