Catalogue of the papers and correspondence of

Richard Laurence Millington Synge FRS

(1914 - 1994)

VOLUME II

Sections H, J Index of correspondents

by Timothy E. Powell, Peter Harper, Adrian Nardone and Alan Hayward NCUACS catalogue no. 73/2/98 R.L.M. Synge NCUACS 73/2/98

SECTION H SOCIETIES AND ORGANISATIONS H.1-H.111

The material covers twenty-four UK and overseas organisations with which Synge was involved, *ca* 1936-1993. It is presented as follows:

H.1	ABERDEEN BIOCHEMICAL ASSOCIATION
H.2-H.26	AGRICULTURAL RESEARCH COUNCIL
H.27-H.42	ASSOCIATION OF SCIENTIFIC WORKERS
H.43-H.55	BIOCHEMICAL SOCIETY
H.56-H.58	BRITISH NATIONAL COMMITTEE FOR BIOCHEMISTRY
H.59-H.67	BRITISH NUTRITION FOUNDATION
H.68	CAMBRIDGE UNIVERSITY NATURAL SCIENCE CLUB
H.69, H.70	CHEMICAL SOCIETY
H.71	CHEMICAL STRUCTURE ASSOCIATION
H.72	HALDANE RESEARCH CENTRE, INDIA
H.73, H.74	JOINT CONSULTATIVE ORGANISATION FOR RESEARCH AND DEVELOPMENT IN AGRICULTURE AND FOOD
H.75	LINUS PAULING INSTITUTE OF SCIENCE AND MEDICINE
H.76	MEDICAL RESEARCH COUNCIL
Н.77-Н.79	NUTRITION SOCIETY

H.80	RAY CLUB
H.81, H.82	ROYAL INSTITUTE OF CHEMISTRY
H.83-H.95	ROYAL SOCIETY
H.96-H.101	ROYAL SOCIETY OF CHEMISTRY
H.102	ROYAL SOCIETY OF EDINBURGH
H.103	SOCIÉTIÉ DE CHIMIE BIOLOGIQUE
H.104	SOCIETY FOR ANALYTICAL CHEMISTRY
H.105-H.109	SOCIETY FOR GENERAL MICROBIOLOGY
H.110	UNITED KINGDOM COUNCIL FOR FOOD SCIENCE AND TECHNOLOGY
H.111	WALLACE & TIERNAN LTD

H.1	ABERDEEN BIOCHEN	IICAL ASSOCIATION	1955-1965
	Synge served on the C	ommittee from 1956.	
H.1	correspondence and p	embership of Committee 1955, 1956; m apers <i>re</i> meetings 1956-1958, 1965; corr Association 17 March 1960.	
Н.2-Н.26	AGRICULTURAL RES	EARCH COUNCIL (ARC)	1949-1974
	H.2-H.8	General correspondence and papers	
	H.9-H.17	Ruminant Metabolism Group	
	H.18-H.26	Extraction of Leaf Protein	
H.2-H.8	General corresponde	nce and papers	1950-1974
	Includes ARC materia visitors to UK.	I sent to Rowett Research Institute re s	tudentships,
H.2	1950-1956.		
Н.3	Association, Moredun	vice on Visiting Group to Animal Disease Institute, Edinburgh, 28-29 May 1957. otes on research etc and 13pp duplicate froup.	With 21pp
Н.4	1957-1960. Includes Association, Moredun I	1959 Report of the Animal Disease nstitute.	s Research
H.5	1961-1965.		

H.6	1962. Papers of ARC Conference on Canary Stain in Wool, London November. Synge attended.	ı, 15
Н.7	1966.	
H.8	1967-1974. Includes papers for ARC Conference on Evaluation of Prote London, 17 April 1970.	eins,
H.9-H.17	Ruminant Metabolism Group 1949-1	953
	The Group was established in 1949 by the ARC 'to review work in prog and to co-ordinate the development of further research in the fiel ruminant metabolism, with particular reference to the digestive process and conditions affecting or related to those processes'.	d of
	The material consists of meetings to discuss ruminant metabolism, we little correspondence <i>re</i> arrangements.	ith a
H.9-H.11	6 October 1949. 3 folders.	
	H.9 includes drafts of Synge's report to the meeting.	
H.12	14 July 1950.	
	Includes draft of Synge's report to the meeting.	
H.13, H.14	27 July 1951. 2 folders.	
H.15-H.17	21 April 1953. 3 folders.	
	H.15 includes manuscript draft of Synge's report to the meeting.	
H.18-H.26	Extraction of Leaf Protein 1951-1	953
	The first meeting 'to discuss Mr [N.W.] Pirie's proposals for research or	n the

The first meeting 'to discuss Mr [N.W.] Pirie's proposals for research on the extraction of leaf protein' was held in November 1951.

/...

/	other research centres	held to discuss progress in this field, with r (including the Rowett Research Institute) at Rothamsted Experimental Station.	
H.18-H.20	27 November 1951. 3 f	olders.	
	Principally Pirie's duplic	ated typescript report on his research 194	9-1951.
H.21, H.22	2 December 1952. 2 fo	lders.	
	Synge was not present.		
H.23-H.26	27 November 1953. 4	folders.	
H.27-H.42	ASSOCIATION OF SC	IENTIFIC WORKERS	1938-1966
	Synge served as a Vio (ASW) from 1954.	ce-President of the Association of Scienti	fic Workers
	H.27-H.32	General correspondence and papers	
	H.33	Overseas Correspondence Committee	
	H.34	Science Policy Committee	
	H.35-H.40	Agricultural Committee	
	H.41	Aberdeen Branch	
	H.42	Scottish Area	
H.27-H.32	General corresponder	nce and papers	1938-1966
H.27	meeting, <i>ca</i> November in Cambridge', ASW of	des 2pp typescript account of ASW Cambr 1938; 'The conditions and organisation questionnaire, with 'Answer to A.S.W. qu .d.; 4pp typescript address by J.D. Berr opment of science, n.d.	of research uestionnaire

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H.27A	1945. Papers for ASW Open Conference on Science and Peace, London, 17-18 February 1945.
H.28	1946-1953. Includes letter <i>re</i> invitation to stand for election as President, 1 April 1953.
H.29	1954-1956.
H.30	1958-1966. Includes invitation for nomination as President for 1965.
H.31, H.32	Miscellaneous printed material <i>re</i> industry and scientific research, the universities etc, 1943- <i>ca</i> 1946. Not all ASW material. 2 folders.
H.33	Overseas Correspondence Committee 1945
H.33	Correspondence with Soviet Embassy re scientific publications.
H.34	Science Policy Committee 1947-1948
H.34	Correspondence re membership.
H.35-H40	Agricultural Committee 1948-1961
	Includes papers for meetings of the Committee, Working Party (later Agricultural Advisory Committee), ASW Agricultural Bulletins and associated material <i>re</i> agriculture and ASW policy.
H.35	1948-1950.
H.36	1951.
H.37	1952, 1953.

H.38	1953, 1954.		
H.39	1955, 1956.		
H.40	1957-1961.		
H.41	Aberdeen Branch		1950-1965
H.41	Branch bulletins; papers	s <i>re</i> meetings, 1950-1952, 1964, 1965.	
H.42	Scottish Area		1949-1964
H.42	Annual Reports 1949/5 1964.	0 - 1951/52; paper on introduction of f	ive-day week
H.43-H.55	BIOCHEMICAL SOCIE	тү	ca 1936-1985
	H.43-H.46	General correspondence and papers	
	H.47-H.49	Committee of the Biochemical Society	
	H.50-H.55	Biochemical Journal	
H.43-H.46	General corresponder	ice and papers	1943-1985
H.43	Synge and D.L. Mou	3, 1956. Material for 1951 is <i>re</i> dem Id 'Procedures for the fractionation d starch' for meeting of the Society in Ab	of hydrolysis
H.44	1965, 1966. Material Scotland.	for 1966 is re Biochemical Society	meetings in

H.45	1969. Correspondence and papers <i>re</i> Biochemical Society 500th meeting, 15-17 December, London.
	For the meeting University College London hosted an exhibition of books and documents. Synge helped to prepare the exhibit on isolation of amino acids and most of the material relates to this.
H.46	1978, 1984-1985. The material for 1984-1985 is <i>re</i> 75th Anniversary Celebrations held in 1986.
	For the Anniversary Synge lent some illustrative material for an exhibition at the University of Manchester.
H.47-H.49	Committee of the Biochemical Society 1954-1955
	Synge served on the Committee of the Biochemical Society as the representative of the Editorial Board of the <i>Biochemical Journal</i> , 1953-1955.
H.47	Meeting, 20 March 1954.
H.48	Meetings, 19 May, 14 July, 15 October 1954.
H.49	Meetings, 12 November 1954, 15 January, 10 February 1955.
H.50-H.55	Biochemical Journal ca 1936-1970
	Synge joined the Editorial Board in 1949. He resigned in June 1955.
H.50	Correspondence <i>ca</i> 1936, 1945, 1946, 1949-1952. Includes manuscript notes on origin of papers submitted to the <i>Journal</i> 1936; invitation to join the Editorial Board 1949; correspondence <i>re</i> membership of the Board.
H.51	Correspondence 1953-1962. Includes material <i>re</i> appointment of Secretary to the Editorial Board.
H.52, H.53	Refereeing papers for the Journal, 1944-1969, n.d.

H.52	1944-1949.
H.53	1950-1964, 1969, n.d.
H.54, H.55	Correspondence and papers arising from <i>Biochemical Journal</i> refereeing policy, 1958-1970.
H.54	1958, 1966, 1967 January-August.
H.55	1967 September-December, 1968, 1970.
H.56-H.58	BRITISH NATIONAL COMMITTEE FOR BIOCHEMISTRY 1954-1957
	Synge served on the Biochemical Society's interim National Committee for Biochemistry, 1954-1955, and from August 1955, following the admission of the International Union of Biochemistry to the International Council of Scientific Unions, on the British National Committee (as a Biochemical Society representative).
	Correspondence and papers, chiefly UK adherence to the International Union of Biochemistry, the establishment of the British National Committee, and meetings
H.56	1954.
H.57	1955.
H.58	1956, 1957.
H.59-H.67	BRITISH NUTRITION FOUNDATION 1974-1979

Synge was nominated by the Royal Society as a scientific governor of the British Nutrition Foundation, 1974-1979.

H.59-H.61	'Memorandum to Food Standards Committee, MAFF [Ministry of Agriculture, Fisheries and Food] on Beer', 1974.
	This was drafted by Synge for the British Nutrition Foundation in 1974. However, the Foundation felt that as 'no one present had sufficient knowledge of the technology of beer to reach an opinion' on the paper, it should be sent as an individual submission under Synge's own name.
H.59	4pp manuscript draft + calculations.
H.60	3pp typescript draft with manuscript corrections; 3pp typescript final draft, 18 October 1974.
H.61	Correspondence <i>re</i> preparation of the paper and arising, 1974-1975.
H.62-H.64	General correspondence, 1976-1979.
H.62	1976 January - August.
H.63	1976 June, July.
	This relates to the response to an article 'Cancer: how to cut the risk' by O. Gillie, <i>Sunday Times</i> , 13 June 1976. Some members felt that Gillie was over-enthusiastic in his promotion of polyunsaturated fats and Synge drafted a letter to be sent to the <i>Sunday Times</i> . However, there was no consensus among Foundation members either on the merits of Gillie's article or on the best way for the Foundation to respond.
H.64	1977, 1979.
H.65	Papers for 32nd Council meeting, 29 July 1976.
	Includes material <i>re</i> article by O. Gillie (see H.63)
H.66	Papers for 9th AGM, 25 November 1976.

H.67	Papers for 35th Council meeting, 25 May 1977; papers for 10th AGM, 24 November 1977.
H.68	CAMBRIDGE UNIVERSITY NATURAL SCIENCE CLUB 1939-1963
	Synge was an Honorary Member of the Club.
H.68	Letter re contribution to funds 1959; printed material.
H.69, H.70	CHEMICAL SOCIETY 1945-1976
H.69	Correspondence and papers <i>re</i> Bureau of Abstracts 1945-1946. Synge was a Chemical Society representative on the Bureau of Abstracts Board of Directors 1945-1946.
H.70	Correspondence <i>re</i> definitions in analytical chemistry 1952, and publications policy 1972-1976.
H.71	CHEMICAL STRUCTURE ASSOCIATION 1986
H.71	Papers, 1986.
H.72	HALDANE RESEARCH CENTRE, INDIA 1981
	Synge served as an Adviser for the Centre.
H.72	Letter re Synge's acceptance, 30 July 1981.

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	Societies and organisations	
H.73, H.74	JOINT CONSULTATIVE ORGANISATION (JCO) FOR RESEARCH AND DEVELOPMENT IN AGRICULTURE AND FOOD	1975-1977
H.73	JCO Food Science and Technology Board's Second Report Feeds for Farm Livestock in the UK, 1975.	on Protein
	Correspondence and papers <i>re</i> Food Research Institute resp Report. Synge and S.R. Elsden drafted a reply on behalf of the l	
H.74	Working Party of the Board investigating research requirements for human consumption, 1976-1977. Includes invitation to Synge to join the Working Party and 5pp draft report of the Working Party by Synge.	
H.75	LINUS PAULING INSTITUTE OF SCIENCE AND MEDICINE	1974, 1976
H.75	Membership of Board of Associates.	
H.76	MEDICAL RESEARCH COUNCIL	1946
H.76	Review of amino-acid requirements for medical research.	
Н.77-Н.79	NUTRITION SOCIETY	1949-1957
	Synge became a Member in 1949, joining the Scottish Group.	
H.77	Correspondence and papers chiefly re membership, 1949-1951.	

H.78	Correspondence and papers chiefly <i>re</i> Synge's contribution to the Nutrition Society Scottish Group meeting on grass, Aberdeen, 21 September 1951.		
H.79	Correspondence and pa	apers, 1952-1957.	
H.80	RAY CLUB		1939-1945
H.80	Meetings.		
H.81, H.82	ROYAL INSTITUTE OF	F CHEMISTRY	1952-1958, 1979-1980
	previous year he had	ellow of the Royal Institute of I delivered the Institute's s rmingham (18 May) and Lor	econd P. F. Frankland
	Correspondence and pa	apers.	
H.81		prrespondence <i>re</i> election to of Scotland branch; refereein	
H.82	1979-1980. Fellowship		
H.83-H.95	ROYAL SOCIETY		1952-1983
	Synge was elected a Fellow of the Royal Society in 1950. Material relating to Synge's election is at A.163-A.165.		950. Material relating to
	H.83, H.84	General correspondence an	d papers
	H.85-H.89	Sectional Committee 9	
	H.90-H.95	Royal Society Tercentenary	

H.83, H.84	General correspondence and papers	1952-1967, 1983
H.83	1952, 1953, 1958-1961. Includes material <i>re</i> exchange vis Academy of Sciences.	its with the USSR
H.84	1962-1967, 1983. The material for 1983 relates to election statute 12.	n of Fellows under
H.85-H.89	Sectional Committee 9	1963-1965
	Synge served 1963-1965.	
H.85	1963.	
H.86	1964 January.	
H.87	1964 May.	
H.88	1964 December.	
H.89	1965.	
H.90-H.95	Royal Society Tercentenary	1960
	The Royal Society celebrated its Tercentenary in July publicity material about the history and work of the R organised a series of social and scientific functions from 1 material is principally Synge's memorabilia from the occasio	oyal Society and 8 to 26 July. The
H.90	Correspondence, including invitations.	
H.91-H.95	Material from functions.	

H.91	General programme; preliminary list of official guests.
H.92	Formal opening, 19 July; visit to Oxford, 21 July; film premiere, 22 July; reception at the Guildhall, London, 22 July.
H.93	Conversazione, 23 July; banquet, 26 July.
H.94, H.95	Other printed material.
H.94	The Beginning of the Royal Society by Margery Purver and E. J. Bowen (Oxford, 1960). 16pp.
	<i>Gresham College and the Royal Society</i> by Sir Harold Hartley and Sir Cyril Hinshelwood (1960). 11pp.
H.95	'The Royal Society Today', <i>Discovery</i> 21 , 7, (July 1960).
	The Times feature on the Royal Society, 19 July 1960.
H.96-H.101	ROYAL SOCIETY OF CHEMISTRY 1984-1993
H.96-H.99	Chemical Information Group, 1984-1987.
	Synge was interested in online searching for information about chemicals. He was Honorary Treasurer of the Group.
H.96	Correspondence and papers <i>re</i> Chemical Abstracts Service online searching system, 1984-1985.
H.97, H.98	'Current CIG matters RSC organ. sheets [] To take to London 1/12/86'. Contents of Synge's envelope so inscribed divided into two for ease of reference

H.97	Includes material <i>re</i> Conference on Multidisciplinary Approa Searching for Information about Chemicals', Oxford 25-26 March 1 also F.62, G.215-G.222); notice of Annual Chemical Congress on 'C at the Biological Interface', University College Swansea, 13-16 Ap invitation to Chemical Information Conference on 'Chemical St Noordwijkerhout, Netherlands, 31 May - 4 June 1987.	986 (see Chemistry oril 1987;
H.98	Correspondence and papers <i>re</i> organisation of the Society, changes to its structure and implications for the Group, 1985-1986.	possible
H.99	Papers from the Group's AGM 1987, found in Synge's inscribed eletter arising, March 1987.	envelope;
H.100	Papers for meetings of the East Anglia Region of the Society's J Division, 1985, 1993.	Analytical
H.101	Papers of the Society's Historical Group, 1983, 1986.	
H.102	ROYAL SOCIETY OF EDINBURGH 19	56, 1963
H.102	Correspondence and papers, 1956, 1963.	
H.103	SOCIÉTIÉ DE CHIMIE BIOLOGIQUE	1960
H.103	Membership.	
H.104	SOCIETY FOR ANALYTICAL CHEMISTRY 19	954-1958
H.104	Miscellaneous correspondence, 1954, 1955, 1958.	

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H.105-H.109	SOCIETY FOR GENERAL MICROBIOLOGY	1944-1964
	Synge was an original member of the Society.	
H.105	List of original members, 1944; List of members 1948.	
H.106	Papers for meetings etc, 1945-1948.	
H.107	Miscellaneous correspondence, 1949-1953.	
H.108	Papers for meetings etc, 1949-1958.	
H.109	Refereeing for Journal of General Microbiology, 1961-1964.	
H.110	UNITED KINGDOM COUNCIL FOR FOOD SCIENCE AND TECHNOLOGY	1971, 1977
	Synge was co-opted to serve on the Executive Committee resigned in 1977.	in 1971. He
H.110	Membership, 1971, 1977.	
H.111	WALLACE & TIERNAN LTD	1951
H.111	Brief correspondence <i>re</i> possible consultancy, September 1951	

The correspondence in this section is presented as follows:

J.1-J.341	ALPHABETICAL BY CORRESPONDENT
J.342-J.412	SHORTER SCIENTIFIC CORRESPONDENCE
J.413-J.422	REQUESTS FOR OFF-PRINTS
J.423-J.443	REFERENCES AND RECOMMENDATIONS

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J.1-J.341

Correspondence

ALPHABETICAL BY CORRESPONDENT

J.1	Abraham, E.P.	1946, 1953, 1954, 1957
	Research.	
J.2	Airan, J.W.	1953-1957
	Airan was Professor of Chemistry at Wilsor worked in Synge's laboratory for a short experience in chromatographic and electrica for protein chemistry. Synge visited Bombay i	period in early 1954 to gain I transport methods of interest
	Visits, research.	
J.3	Allan, D.C.	1962, 1969
	Recommendation.	
J.4	Allison, R.M.	1959, 1968-1973
	Allison was officer-in-charge of the New Ze and Industrial Research Plant Chemistry E Canterbury. The DSIR was interested in dir human consumption and in this connexion All worker at the Rothamsted Experimental Static Research Institute, Norwich, May-December 1	Division Substation at Lincoln, ect utilisation of leaf protein for ison came to the UK as a guest on, Harpenden and at the Food
	Includes Allison's report on visit to the UK p Research Council.	repared for the UK Agricultural
J.5	Alm, R.	1956
	Countercurrent extraction apparatus	
J.6, J.7	Ambler, R.P.	1961, 1976, 1993
J.6	1961. Thesis report.	

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J.7	1976, 1993. Research.	
J.8	American Cyanamid Company1948-19Synge's contact with the Company was initiated by A.J.P. Martin who represented by two letters in the folder.	
	Gramicidin S.	
J.9	Anderson, G. 1974-1	975
	Anderson was head of the Department of Soil Organic Chemistry at Macaulay Institute for Soil Research, Aberdeen.	the
	Visits, research.	
J.10	Annison, E.F. 1953-1957, 19	962
	Annison was based at the Agricultural Research Council Institute of Animal Physiology, Babraham, Cambridge, 1953-1957, later working in Australia.	
	Career and research.	
J.11	Arni, P.C. 1953-1	954
	Research and publications.	
J.12	Arnstein, H.R.V.	964
	Arnstein was based at the National Institute for Medical Research, Mill London.	
	Research.	
J.12A	Bacharach, A.L. 1 Bacharach worked at Glaxo Laboratories, Greenford, Middlesex.	942

J.13	Bagdasarian, M.	1960-1968
	Bagdasarian was a Polish scientist who Research Institute, 1961-1962.	worked with Synge at the Rowett
	Arrangements for visit, draft paper, recon	nmendation.
J.15	Bailey, K.	various dates 1940-1962
J.14	Bailey, J.L.	1955-1956, 1959-1965
	Bailey joined the staff of the Rowett Rese	arch Institute in 1956.
	Research and career.	
J.16	W.R. Balston, Ltd	1950-1951, 1960
J.17, J.18	Baptist, N.G.	1955, 1961-1971, 1975
	Baptist undertook a course of research s Synge at the Rowett Research Institute for	
	Arrangements for visit, recommendations	
	2 folders.	
J.19	Battersby, A.R.	1952-1953
	Tyrocidine.	
J.20	Bell, D.J.	1953-1965, 1973
	Includes copy of obituary of Bell by J.S.I Synge in 1973. Bell died in 1972.	D. Bacon and D.J. Manners sent to
J.21	Berger, V.M.	1947-1950
	Includes photographs.	

J.22	Bernal, J.D.	1954, 1956, 1957, 1959
	Includes draft proposals by Bernal on fu	ndamental research in Britain.
J.23	J. Bibby & Sons Ltd	1952-1955
	Groundnut protein research.	
J.24	Blaxter, K.L.	1953, 1964-1966, 1970, 1981-1982
	1953 correspondence relates to the biol	ogical value of proteins.
	1981-1982 correspondence relates to E Underwood and includes copy of letter f	
J.25	Bondi, A.	1957, 1962
	Visits to the Rowett Research Institute.	
J.26	Brady, C.J.	1960-1964, 1967
	Brady came from the CSIRO Fodder Co Australia to undertake Ph.D. research a subsequently returned to Australia.	
J.27, J.28	Brattsen, I.	1950,1962-1966
	The 1950 correspondence is from B University of Uppsala, Sweden. Su Gothenberg University. Much of the cor	ubsequent correspondence is from
J.27	1950, 1962-1963.	
J.28	1964-1966.	
J.29	Brian, P.W.	various dates 1953-1960, 1969
	Brian was based at ICI Ltd Research before becoming Professor of Botany, U	

J.30	Briggs, P.K.	1957-1958, 1961
	Briggs came from the CSIRO Division of Animal Heal McMaster Animal Health Laboratory, Glebe, New South undertake Ph.D. research at the Rowett Research Institut	Wales, Australia to
J.31	British Chemicals & Biologicals Ltd	1948-1949
	Supplies for feeding experiments.	
J.32	Bryde, Ø.	1947-1953
	Bryde was based at the Norwegian Pulp and Paper Institute, Oslo.	Industry Research
J.33	Bunting, A.H.	1953, 1964, 1964
	By 1964 Bunting was Professor of Agricultural Botany Reading.	at the University of
J.34	Butler, G.W.	1957, 1969-1970
	By 1969 Butler was Director of the New Zealand Departm Industrial Research, Applied Biochemistry Division, Palme	
	1957 correspondence <i>re</i> research on the non-protein n grassland herbage.	itrogen fractions of
	1969-1970 correspondence <i>re</i> proposed book on t biochemistry of herbage to be edited by Butler and R. Bail Food Research Institute, Norwich.	
J.35	Butterworth, M.H. 196	1, 1964-1965, 1969
	Butterworth was an animal nutrition scientist who held poindies, Venezuela and Mexico during the period correspondence.	
	Career.	

Byers, M.

1971-1976, 1986

Byers was based at the Rothamsted Experimental Station, Harpenden, Hertfordshire.

Research.

J.37

J.36

Calvin, M.

1949, 1953

1955-1989

Calvin was based at the Radiation Laboratory, University of California, Berkeley, USA.

Calvin's letter of March 1949 expresses interest in two-dimensional paper chromatography and reports success in identifying and isolating the early products of photosynthesis.

1953 letter from Calvin considers Synge's published view that the United States economy was in essence maintained by the preparation of expensive armaments.

J.38-J.45 Carnegie, P.R.

Carnegie studied for his Ph.D. under Synge's supervision at the Rowett Research Institute and at the Ruakura Animal Research Station, Hamilton, New Zealand. He subsequently spent periods at the University of Malaya, Singapore and the University of Leeds before moving to Australia (University of Melbourne).

Research and career.

J.38 1955-1959.

J.39 1960.

- J.40 1961.
- J.41 1962-1963. Includes report on Carnegie's Ph.D. thesis, 21 May 1962 and research report January to June 1962.
- J.42 1964-1965. Includes slides.

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J.43	1966-1969. Includes recommend	dation.
J.44	1970-1979. Includes recommend	dations.
J.45	1981,1989.	
J.46	Carpenter, K.R. Includes report on D.Sc. submiss	various dates 1950s-1977
J.47	Cassidy, H.G.	1946, 1948, 1951-1953, 1955
	Cassidy was based in the Depa Haven, Connecticut, USA.	artment of Chemistry, Yale University, New
		Conference on Chromatography planned by ces for November 1946. Synge was invited
J.48	Cessi, C.	1954-1956, 1963, 1966, n.d.
	Visits by Cessi to the Rowett Res	earch Institute and Synge to Italy.
J.49, J.50	Chalmers, M.I.	1955-1959, 1964-1965
	1964 she was offered an app Animal Production Officer (Anima Nations to the Government of I	ynge's at the Rowett Research Institute. In ointment on twelve month assignment as al Nutrition) on an FAO Mission of the United India. The appointment was based at the producers' Union at Anand, Gujerat.
J.49	1955-1959.	
J.50	1964-1965.	
J.51	Chargaff, E.	1958-1959, 1963-1964

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J.52-J.66	Chibnall, A.C.	1938-1992
	Chibnall was the Sir William Dunn Professor of Biochemistry at 1943-1949.	Cambridge
	Research, publications, visits etc.	
J.52	1938, 1939.	
J.53	1940-1943.	
J.54	1944-1949.	
J.55	1950-1953.	
J.56	1954-1958.	
J.57	1960-1969.	
J.58	1974.	
J.59	1975-1979.	
J.60	1981-1984.	
J.61, J.62	Correspondence and papers <i>re</i> 80th birthday dinner in honour (1974), 1972-1974. 2 folders	of Chibnall
	Synge was a member of the Inviting Committee.	

J.63-J.66	Correspondence and papers <i>re</i> Synge's biographical memoir of Chibnall for the Royal Society, 1988-1992.	or
	Chibnall died in 1988. Synge agreed to write (with E.F. Williams) the Roya Society memoir which appeared as 'Albert Charles Chibnall', <i>Biographice</i> <i>Memoirs of Fellows of the Royal Society</i> , 35 (1990), 57-96.	
J.63	Correspondence with Royal Society.	
J.64	Letters written in response to Synge's requests for information, recollection etc.	IS
J.65	Letters of thanks from recipients of off-prints of biographical memo including further recollections.	ir
J.66	Synge's manuscript notes; miscellaneous background material.	
J.67	Christensen, H.N. 1944-194	5
	Christensen was based at the Mary Imogene Bassett Hospital, Cooperstown New York, USA. He worked on structural studies of gramicidin.	٦,
	Research.	
J.68	Claesson, S. 1946, 1948-1949, 196	5
	Claesson was based at the Fysikalisk-Kemiska Institution, Uppsala, Sweder	۱.
	Research, travel plans etc.	
J.69	Colebrook, L. 194	5
	Colebrook was based at the Burns Unit, Birmingham Accident Hospital an Rehabilitation Centre.	d
	At the beginning of 1945 Synge asked Colebrook if he was in a position to examine the therapeutic effects of various antibacterial polypeptides on sma infected burns.	

J.70	Consden, R.	1943-1950, 1956
	Consden was at the Wool Inde A.J.P. Martin.	ustries Research Association at Leeds with
	Research and career.	
J.71	Cornforth, J.W.	1955-1956
	Research.	
J.72	Corran, H.S.	various dates 1940-1991, n.d.
	Corran met Synge as an underg the war he worked for Arthur Gu	raduate at Trinity College, Cambridge. After inness Son & Co. in Dublin.
J.73	Coulson, C.B.	1953, 1957, 1960-1961
	Research, visits.	
J.74	Cox, E.G.	1938-1939
	Research.	
J.75	Craig, L.C.	1947-1949, 1960, 1966
	Craig was based at the Rock York, USA.	efeller Institute for Medical Research, New
	Research (including gramicidin),	visits.
J.76	Crowther, J.C.	various dates 1947-1961
J.77	Curtis, R.F.	1970, 1980
	Curtis was Director of the Food	Research Institute Norwich

J.78, J.79	Cuthbertson, D.P.	various dates 1946-1973
	Cuthbertson was Director of the Rowett I	Research Institute, 1945-1965.
J.78	1946, 1950, 1956, 1958-1960.	
J.79	1965-1966 correspondence and pape Director (portrait, dinner in his honour).	rs <i>re</i> Cuthbertson's retirement as
	1973.	
J.80	Damodoran, M.	1951-1955
	Damodoran was Head of the Divisio Chemical Laboratory of India, Poona laboratory in 1954 and Synge planned to	. He spent a period in Synge's
J.81	Davies, G.	1949-1950
	Davies's first letter (11 September 1949) on krill as a feeding stuff.	outlines his proposed investigations
J.82, J.83	Davis, T.A.	1976-1989
	The first letter in the sequence was Statistical Institute, Calcutta. After a pe in Indonesia Davis returned to India whe Haldane Research Centre in Tamil Nadu	riod as an FAO coconut agronomist are he became Director of the J.B.S.
J.82	1976-1979. Includes invitation to S proposed Haldane Research Centre and	Tynge to become a trustee of the list of trustees.
J.83	1981, 1985, 1988-1989. Includes copy the Haldane Research Centre.	y of memorandum of association for
J.84	Dent, C.E.	1945-1946, 1949
	Dent was based at the University College	e Hospital Medical School, London.
	Research.	

J.85	Donald, H.P. 1957-1958
	Donald was Director of the Agricultural Research Council Animal Breeding Research Organisation, Glenbourne, Edinburgh.
	Research.
J.86	Done, J. 1951, 1960
	In 1951 Done was based at the Human Nutrition Research Unit, Medica Research Council Laboratories, Hampstead, London.
	1960 correspondence is from Done in New Zealand.
J.87	Dubos, R.J. 1941-1942
	Dubos was based at the Hospital of the Rockefeller Institute for Medica Research, New York, USA.
	Gramicidin.
J.88	Edman, P.V. 1954, 1960, 1977
	1977 correspondence is with R.R. Porter who had been invited by the Roya Society to write biographical memoir of Edman (died March 1977).
J.89	Ekstrand, T. 1951-1952
	Ekstrand writes from the Central Laboratories, AB Astra, Södertälje, Sweden
	Gramicidin.
J.90	Ellfolk, N. 1953-1955
	Ellfolk came from the Biochemical Institute, Helsinki, Finland to research fo a period in Synge's laboratory at the Rowett Research Institute.

J.91, J.92	Ellinger, G.M.	1953-1977	
	Ellinger was a colleague of Synge's at the Rowett Research Institute.		
	Research.		
J.91	1953, 1955, 1964-1967. Includes 'Main International Congress of Biochemistry held the Biochemistry Department at the Rockefe National Heart Institute at Bethesda, Marylan October 1964.	in New York and during visits to eller Institute, New York and the	
J.92	1968-1969, 1975-1977		
J.93-J.97	Elsden, S.R.	various dates 1941-1988, n.d.	
	Elsden was an undergraduate contemporat lifelong friend. After a year's research Stephenson Elsden obtained an Assistant Department, University of Edinburgh. He retu after a period in California in 1946 (Berk Department of Bacteriology, University of subsequently became Honorary Director of and Professor of Microbiology at Sheffield wh was Director of the ARC Food Research Instit Research, personal news.	in Cambridge with Marjorie Lecturership in the Physiology urned to Cambridge in 1943 and keley and Stanford) moved to f Sheffield in 1948. Elsden the ARC Unit for Microbiology here he remained until 1965. He	
J.93	1941, 1942, n.d. Letters written by Elsder Edinburgh.	n from Physiology Department,	
J.94	1944, 1945, n.d. Letters and cards written Biochemistry and Emmanuel College, Cambr	idge.	
	1946. Letters from the University of California at Berkeley.		
	1948.		
J.95, J.96	1951-1953, 1956, 1958, 1960, 1965, n.d. Sheffield. 2 folders.	Letters written by Elsden from	

J.97	1967, 1971, n.d. Letters and grant application from Norwich.	Food Research Institute,
	1988.	
J.98	Ettre, L.S.	1978, 1992-1994
	Correspondence 1992-1994 relates to history of sci the Russian scientist M.S. Tsvet.	ience interests especially
J.99	Fabre, R.	1945-1948
	Visits, meetings	
J.100	Felinski, L.	1958-1962, 1964, 1966
	In 1961 Felinski came from the Szczecin College work with Synge for a period at the Rowett Research	
J.101	Ferguson, W.S.	1950, 1955
	Ferguson was based at Imperial Chemical Indu Research Station, Bracknell, Berkshire.	ustries Ltd Jealott's Hill
J.102	Flood, H.	1946-1947
	Flood was based at the Institutt for Uorganisk I Høgskole, Trondheim, Norway.	Kjemi, Norges Tekniske
J.103	Fowden, L	1951, 1964, 1971, 1974
	Research etc.	
J.104	Frahn, J.L.	1973-1975
	In 1974 Frahn came from the CSIRO Division of Victoria, Australia to work for six months at the I Norwich.	

J.105	Freeman, T.	1955, 1969
	Research.	
J.106	Fruton, J.S. 1	1945, 1947-1949, 1971, 1991
J.107	Gause, G.F.	various dates 1944-1989
	Gause was the discoverer (jointly with M.G. B Gramicidin S.	
	1989 correspondence relates to historical w Gramicidin S and the role of Gause (died 1986).	
J.107A	Geals, E.	1963, 1966-1968
	Geals was a colleague of Synge's at the Rowett	Research Institute.
J.108	Gelotte, B.	1963-1970
	Gelotte was based at AB Pharmacia, Uppsala, S	Sweden.
	Sephadex.	
J.109-J.114	Gordon, A.H.	<i>ca</i> 1940-1977, n.d.
	Gordon followed Synge to the Wool Industries F in 1941. He spent periods in Denmark, Czecho 1950 before starting at the National Institute for London in June 1950.	slovakia and Sweden, 1948-
J.109	<i>ca</i> 1940-1945.	
J.110	1946-1947.	
J.111	1948-1950.	

J.112	1950-1957.	
J.113	1961-1965, 1977. Correspondence 1977 i manuscript revision) by Gordon 'How discovered'.	
J.114	N.d. Principally undated letters from Leeds.	
J.115	Gordon, C.A.	1951, 1963-1964, n.d.
J.116	Goodall, R.R.	1947-1948
	Goodall was based at the Imperial Cherr Division, Blackley, Manchester.	nical Industries Ltd Dyestuffs
	Apparatus for chromatographic analysis.	
J.117	Granoth, B.	1972, 1974-1975
	Proposed visits to the Food Research Institute	, Norwich.
J.118	Gray, E.G.	1961, 1964, 1974, 1989
	Gray was Advisory Officer in Mycology (1961 Division (1974), North of Scotland College of A	
J.119	Hais, I.M.	1949, 1953-1954, 1956, 1963
	Hais was a Czech scientist writing from Prague whom Synge had known since he was a student at University College [London].	
J.120	Halse, K.	1951-1956, 1960-1961, 1965
	Halse was based in the Physiology Departme Norway, Oslo, Norway.	ent of the Veterinary College of
	Visits of Halse to the Rowett Research Institute	e and Synge to Norway.

J.121	Hanes, C.S.	1955-1956, 1961
	Hanes was Professor of Biochemistry at the University of Toronto, Ontario, Canada during the period covered by the correspondence.	
J.122	Hanning, K.	1964-1969
	Hanning was based at the Max-Planck-Institut Lederforschung, Munich, West Germany.	für Eiweiss- und
	Includes recommendations.	
J.123	Harington, C.R. 1936, 19	942-1944, 1953, 1962
	Harington was Director of the National Institute for Med 1962.	lical Research, 1942-
	1962 papers relate to presentation to Harington on his r	etirement.
J.124, J.125	Haworth, R.D.	1966-1974
	Haworth was Firth Professor of Chemistry, Universiting 1961.	y of Sheffield, 1939-
	Research.	
J.124	1966-1969. Includes recommendation.	
J.125	1974.	
J.126	Hegarty, M.P.	1967-1978, n.d.
	Hegarty came from the CSIRO Division of Tropical Pastures Cunni Laboratory, St Lucia, Queensland, Australia to work with Synge at the Research Institute, Norwich for a period in 1970.	
	Research and career.	
	Includes recommendation.	

1964-1965, 1971, 1976, 1980, n.d.

J.128	Hirst, E.L.	1949-1951, 1955
	Hirst was Forbes Professor of Organic Chemistry in Edinburgh.	the University of
J.129-J.133	Hodgkin, D.M.C.	1943-1978, n.d.
	Research including gramicidin S	
J.129	1943-1945.	
J.130	1946-1949.	
J.131	1950-1956, 1959.	
J.132	1968, 1975, 1978.	
J.133	N.d.	
J.134	Holiday, E.	1943
	Holiday was based at the Department of Biochemistry, Univ	versity of Oxford.
	Tyrocidine.	
J.135	Hopkins, F.G.	1937, 1949-1941
J.136	Horigome, T.	1975, 1977-1979
	Horigome was based at the Faculty of Agriculture, Okayama, Japan. He visited Synge briefly on a visit to Eng	

J.137, J.138	Hotchkiss, R.D.	1942-1948
	Hotchkiss was based at the Hospital of the Rockefeller Institute f Research, New York, USA.	for Medical
	Gramicidin and tyrocidine.	
J.137	1942-1943.	
J.138	1944-1945, 1948.	
J.139, J.140	Hughes, A.D. 1967-	1971, n.d.
	Hughes was based at the Rowett Research Institute and studi Research Diploma of the Royal Institute of Chemistry under the s of Synge. He subsequently emigrated to Australia.	
J.139	1967-1969.	
J.140	1970-1971, n.d. Includes recommendations.	
J.141-J.146	Humphrey, J.H.	1933-1990
	Humphrey was a contemporary of Synge's at Winchester College College Cambridge and a lifelong friend. He pursued his own dis scientific career as an immunologist as a member of the Medica Council research staff at the National Institute for Medical Resea Hill, London and was Professor of Immunology, Royal Postgradua School, University of London, 1976-1981.	stinguished I Research arch at Mill
	Personal news, career and research.	
J.141	1933-1939. Includes two letters from Humphrey to Synge's moth letters from Janet Rumney, daughter of A.V. Hill, whom Humphrey November 1939.	
J.142	1940-1941. Includes letter from Janet Humphrey.	
J.143	1944-1949.	

J.144	1950-1953, 1955, 1957-1958.	
J.145	1960, 1964-1965, 1971.	
J.146	1985, 1988-1990. Includes <i>The Times</i> obituary of Humphrey (d order of memorial service at Trinity College Cambridge and 'Recollections of John Humphrey as Schoolboy and Student (19 written to aid Royal Society memorialists.	d Synge's
J.147	Hurrell, R.F 1	977, 1980
	Research.	
J.148	Jakobsen, P.E.	1954-1956
	Jakobsen was based at the Royal Veterinary and Agricultura Copenhagen, Denmark. He worked with Synge at the Rowett Institute for a period from November 1955 and made a second sh the Rowett in June 1956.	Research
J.149	Jasiorowski, H.	1957-1964
	Jasiorowski came from the Agricultural Sciences Department of Academy of Sciences, Warsaw to work with Synge at the Rowett Institute for a five-month period from April 1957.	
	Arrangements for visit, research.	
	Includes 'proceedings' of Jasiorowski's work at the Rowett, 6pp ty tables and figures.	/pescript +
J.150	Jayasinghe, J.B. 1	955, 1958
	Jayasinghe came from Ceylon to work with Synge at the Rowett Institute on protein digestion in the ruminant. He registered with Un Aberdeen as a research student for a Ph.D.	
	Includes thesis reports.	

J.151, J.152	Jennings, A.C.	1963-1977
	Jennings came from the Waite Agricultural Researc Adelaide, Australia to work with Synge at the Rowett period in 1964. He was supported by a Roya Foundation Commonwealth Bursary.	Research Institute for a
	Research, publications, personal news.	
J.151	1963-1965. Includes recommendation.	
J.152	1966-1968, 1972, 1977.	
J.153	Jones, G.	1960-1961, 1963, n.d.
	Jones spent a period as a research fellow at the Re York, USA before returning to the Rowett Research In	
	Includes 'Memorandum on Future Work', 4pp types January 1963.	cript by Jones dated 23
J.154	Kekwick, R.A.	1951-1952, 1966, 1971
	Kekwick was based at the Lister Institute, London.	
	Correspondence 1951-1952 relates to gramicidin.	
J.155, J.155A	Khouw, F.T.	1959-1983
	Khouw came to Britain from Indonesia to work for Research Institute, the National Institute for Medical the Rothamsted Experimental Station, Harpenden. Indonesian name Komanto in later correspondence.	
J.155	1959-1963, 1966, 1981, 1983.	
J.155A	Miscellaneous biographical material including his int sinograms.	terest in the analysis of

J.156	Kleckowski, K.	1962-1963
	Kleckowski was a Polish scientist who visited Synge's labo weeks in 1963. He travelled to Britain from the University Madison.	
J.157	Klyne, W. 1956-19	960, 1962, 1 <mark>9</mark> 72
	Klyne was based at the Postgraduate Medical School, Lon 1972) Westfield College, University of London.	don and (1962,
	Research.	
J.158	Knight, B.C.J.G. variuos da	ates 1936-1981
	Knight's correspondence 1941-1942 is from the Lister In Elstree, Hertfordshire) and 1950 correspondence from Research Laboratories, Beckenham. He subsequently Department of Microbiology at the University of Reading Professor.	the Wellcome established the
	Includes manuscript draft obituary by Synge.	
J.159	Kozlowska, A.	1957-1958
	Kozlowska was a Polish scientist based in Krakow.	
J.160, J.161	Krebs, H.A.	1942-1957
J.160	1942-1945, 1948.	
J.161	1953-1957. Recommendations.	
J.162	Kressman, T.R.E.	951-1952, 1961
	Kressman was based at the Research Laboratory of the Per Ltd, London.	rmutit Company
	Ion-exchanging membranes.	

J.163	Kydd, S.B. 195
	Kydd was based at the Nuffield Foundation Division for Architectural Studie London. She was interested in the planning requirements for chromatography and visited the Rowett Research Institute.
J.164	Lahiri, M.M. 1967-197
	Synge was one of the examiners of the D.Phil. thesis submitted by Lahiri the University of Calcutta, India. He subsequently sought Synge's advice of his postdoctoral career.
J.165, J.166	Laird, W.M. 1967-1970, 1975-197
	Laird worked with Synge as a laboratory assistant at the Rowett Researce Institute and moved with Synge to the Food Research Institute, Norwich. H subsequently worked at the Ministry of Agriculture, Fisheries and Food Tor Research Station, Aberdeen.
J.165	Correspondence and papers 1967, 1970, 1975-1979. Include recommendations.
J.166	'Bill Laird's corresp. re apparatus'. Contents of folder so inscribed 196 1970.
J.167	Lathe, G.H. 1955, 196
	Lathe was based at the Bernard Baron Memorial Research Laboratorie Queen Charlotte Maternity Hospital, London.
	Research.
J.168	Lederer, E. 1945, 1949, 1962-1963, 196
	Synge met Lederer on his visit to Paris in 1945. Lederer visited the Rowe Research Institute in 1963.
	Research, publications.

J.169	Linderstrøm-Lang, K.	1950
	Synge visited Copenhagen, Denmark in Augus Physiological Congress. He also took the opportu Lang at the Carlsberg Laboratorium in Copenhagen.	nity to visit Linderstrøm-
J.170	Lindley, H. 1955.	, 1963-1964, 1967, 1971
	Lindley was based at the CSIRO Division of F Research Laboratories, Parkville, Victoria, Australia 1955, 1964 when he spent his study leave at the Al Cambridge and 1971.	Protein Chemistry Wool a. He visited the UK in
J.171	Loomis, W.D.	1977-1979
	Loomis was based at the Oregon State University, C a brief visit to the Food Research Institute, Norwich in	
J.172	Lough, A. K.	1961, 1967-1971
	Lough was a colleague of Synge's at the Rowett 1954.	Research Institute from
J.173	MacDougall, E.I.	1957-1968, 1974
	MacDougall was a colleague of Synge's at the Ro He spent a period at the University of Wisconsin, Ma	
J.174	McIlwain, H.	1939, 1941-1942
	McIlwain writes from the MRC Department of Ba Bland-Sutton Institute of Pathology, Middlesex Hosp at the University of Sheffield in 1941-1942.	
J.175	McMeekan, C.P.	1958-1960, 1962-1964
	McMeekan was based at the New Zealand De Ruakura Animal Research Station, Hamilton, subs International Bank for Reconstruction and Develop USA.	sequently moving to the

J.176	Majak, W.	1970-1971
	Majak was a graduate student at the University of Vancouver, Canada who proposed to come and work in at the Food Research Institute, Norwich.	
J.177	Markham, R. 19	60-1962, 1987, n.d.
	1987 correspondence includes Synge's comments on a of Markham for the <i>Annual Review of Phytopathology</i> . 1979.	
J.178-J.185	Marston, H.R.	1938-1983
	Marston was Chief of Division, CSIRO Division of Bioche Nutrition, University of Adelaide, Australia, 1945-1965. biographical memoir of Marston (who died in 1965) fo (<i>Biographical Memoirs of Fellows of the Royal Society</i>) visited Australia in 1967 in connexion with his preparation	Synge wrote the r the Royal Society /, 13 , 267). Synge
J.178-J.181	Correspondence with Marston, 1938-1965, n.d.	
J.178	1938-1939, 1942, 1946, 1948-1949.	
J.179	1950, 1955, 1958-1959.	
J.180	1961, 1964-1965.	
J.181	N.d.	
J.182-J.185	Correspondence and papers relating to Royal Society n 1983.	nemoir, 1964-1968,
	See G.160, G.161 for material <i>re</i> Synge's visit to Australi the memoir.	ia in connection with
J.182, J.183	Correspondence with Royal Society, correspondence work others re information, recollections, 1965-1967. 2 folders	

J.184	Miscellaneous background material inclu Oliphant to Marston, 1964.	uding copies of letters from M.L.E.
J.185	List of names and addresses for presenta appreciation from recipients and other re information and recollections, 1967-1968	aders of memoir, some with further
J.186-J.188	Martin, A.J.P.	1944-1973, n.d.
	Martin shared the 1952 Nobel Prize f invention of partition chromatography.	or Chemistry with Synge for their
J.186, J.187	1944-1946, n.d. Letters from Martin in Wool Industries Research Association, 1 undated. 2 folders.	
J.188	1947-1948, 1951-1953, 1955-1956, 1965	, 1970, 1973, n.d.
J.189	Martin, C.J.	1938-1942, 1945, 1950-1952, n.d.
	Martin was associated with Synge's wor Association, Leeds as scientific adviser to	
J.190	Matai, S.	1968-1971
	Matai came from the Indian Statistical In at the Food Research Institute, Norwich material <i>re</i> Matai is at G.151-G.153.	
J.191	Matheson, N.A.	various dates 1960-1975
	Matheson was a colleague of Synge's at	the Rowett Research Institute.
	1969 correspondence relates to efforts to in Britain for a Czech research worker.	o secure a temporary scientific post

J.192-J.194	Mbadiwe, E.I. 1972-	1985
	Mbadiwe came from the University of Nigeria, Nsukka to work with Syna period at the Food Research Institute, Norwich.	ge for
	Research, publications, personal news.	
J.192	1972-1974.	
J.193	1975-1976.	
J.194	1977-1979, 1981, 1984-1985.	
J.195-J.198	Meares (née Scott-Moncrieff), R. 1927, 1930, 1935-1936, 1975-	1981
	Meares started research in the Cambridge Biochemical Laboratory in under M.W. Onslow subsequently taking up chemical and ger investigations of flower colour variations with J.B.S. Haldane and R. a Robinson. In 1933 she moved to the John Innes Institution, Merton v she continued research until marriage ended her scientific career in th 1930s. Forty years later Synge encouraged her to write an article abo work which appeared as 'The classical period in chemical ger Recollections of Muriel Wheldale Onslow, Robert and Gertrude Rob and J.B.S. Haldane', <i>Notes and Records of the Royal Society of Lond</i> (1981-1982), 125-154.	netical nd G. where he late ut the netics. binson
J.195, J.196	Correspondence with Meares and others about the preparation of the a 1975-1981. 2 folders.	article,
	Includes original letters (1927, 1930, 1935-1936) sent to Synge by Mea 1979-1980.	ires in
J.197	'Documents on the Robinsons & Bandage Chromatography'. Conte envelope so inscribed: correspondence, 1980-1981.	nts of
J.198	Small format notebook inscribed inside front cover: "Notes" for Classical Period in Chemical Genetics'.	'The

J.199	Medvedev, Zh. A.	1966, 1972-1973
	In 1966 an English edition of Medvedev's book a published by Oliver & Boyd, translated by Ann Syng Synge.	
J.200, J.201	Moore, S.	1949-1979, n.d.
	Moore was based at the Rockefeller Institute for M York, USA.	ledical Research, New
	Research, visits, publication.	
J.200	1949, 1951, 1953-1955, 1957, n.d. Includes 'tentative on the theory of chromatography for the coming issue of Biochemistry', sent by Moore to Synge, 5 December	e of the Annual Review
J.201	1960-1963, 1972, 1979.	
J.201A	Morgan, W.J.T.	1942-1957, 1963, n.d.
	Morgan was based at the Lister Institute, London.	
	Includes wartime research.	
J.202	Mothes, K.	1957, 1960
	Mothes was Director of the Deutsche Akademie d Berlin Institut für Biochemie der Pflanzen, Halle, East	
J.203	Mould, D.L. var	rious dates 1952-1967
	Mould was a colleague at the Rowett Research Inst worked at the Animal Diseases Research Associat Edinburgh. In 1954 Mould was based for a perio Institute, Uppsala, Sweden.	tion Moredun Institute,

J.204	Natarajan, S.	1971-1972, 1974
	Natarajan first wrote as a Research Associate in Chemistry, Delhi University, India enquiring about v laboratory on a post-doctoral fellowship.	
J.205, J.206	Neuberger, A.	1938-1969
	Neuberger was Professor of Chemical Pathology at London, 1955-1973.	St Mary's Hospital,
J.205	1938-1941, 1945.	
J.206	1950-1956, 1960, 1969.	
J.207	Ogston, A.G. 194	1 <mark>3-1944, 1957, 196</mark> 1
	Includes wartime research.	
J.208	Ohyama, Y.	1960-1962, 1974
	Ohyama came from the Kanto-Tosan Agricultural I Nishinasumo, Tochigi-ken, Japan to work in Synge's lat from Autumn 1961.	
J.209	Olby, R.C.	1980-1984
	Olby was an historian of science based at the University	of Leeds.
	History of research into the structure and composition of	proteins.
	Includes Synge's comments on Olby's typescript 'Th sciences: the case of molecular biology'.	ne recasting of the
J.210	Partridge, S.M.	1950, 1973, 1992
	1992 correspondence is with Royal Society memorialis 1992).	

J.211	Pascher, F.	1950, 1955-1956
	Pascher carried out microanalyses for Laboratorium, Bonn, West Germany, 1955-	
	1950 item is order for work at microanalytic 1955-1956 material.	al laboratory in Oxford, found with
J.212	Pearson, A.A.	1945-1948
	Collection of specimens of Amanita phalloid	<i>des</i> for use in Synge's research.
J.213	Pedersen, K.A.	various dates 1947-1991
	Pedesen was based at the Fysikalisk Sweden.	-Keminska Institution, Uppsala,
J.214, J.215	Pelter, A.	1969, 1974
J.214	1969, 1974.	
J.215	1974. Research grant.	
J.216	Perutz, M.F.	various dates 1942-1978
	1942 postcard from Perutz is addressed to	A.J.P. Martin.
J.217	Phillipson, A.T. 19	944, 1952, 1964-1966, 1971, 1977
	1971 letter from Phillipson recounts a cas and the subsequent scientific investigation.	
	1977 papers relate to memorial ceremony Cambridge and include Synge's address.	for Phillipson at Churchill College
J.218-J.220	Pierpoint, W.S.	1970-1981, n.d.
	Pierpoint was a member of the Bioche Experimental Station Harpenden Hertford	

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J.218	1970, 1975, 1978-1981, n.d.	
J.219, J.220	Papers sent to Synge for comment including draft on proteins by Pierpoint <i>ca</i> 1980. 2 folders.	henols and leaf
J.221	Pincus, G.	1960-1967
	Pincus was Research Director of the Worcester Foundation Biology, Shrewsbury, Massachusetts, USA.	for Experimental
	Letter 1967 thanks Synge for agreeing to be a member of Committee for the Gregory Pincus Memorial Endown Biomedical Research.	
J.222, J.223	Pirie, A.	1942-1973, n.d.
	Pirie was a graduate of the Cambridge Biochemical Laboratory of Ophthalmology, University of Oxford and Head Laboratory of Ophthalmology, 1947-1973. She married the Pirie in 1931.	of the Nuffield
	Pirie's letters are signed 'Tony' (for Antoinette).	
J.222	1942-1943, 1946, 1948-1951, 1955-1957, n.d.	
J.223	1961-1962, 1965-1968, 1971, 1973, n.d.	
J.224-J.238	Pirie, N.W.	1938-1986, n.d.
0.224 0.200	Pirie was one of Synge's oldest friends and scientific colle Demonstrator in the Cambridge Biochemical Laboratory, Virus Physiologist, 1940-1946 and Head of Biochemistry De 1973, Rothamsted Experimental Station, Harpenden, Hertfo wife Antoinette whom he married in 1931 was herself biochemist specialising in eye research.	agues. He was 1932-1940 and partment, 1947- ordshire. Pirie's
	Pirie's letters are signed 'Bill'.	
J.224	1938, 1941-1942.	

J.225	1943-1945. Includes manuscript notes headed 'Forces of interaction between large molecules, especially proteins, and their constituent parts' and typescript note 'Points that should be discussed in a Macro-molecular conference'.
J.226	1947-1949.
J.227	N.d. [? 1940s].
J.228	1950-1951.
J.229	1952-1953.
J.230	1954-1955.
J.231	1956-1957. Includes duplicated typescript note by Pirie 'The future development of research on the manufacture of leaf protein', August 1956.
J.232	1958-1959, n.d. Includes duplicated typescript note by Pirie 'Some suggestions on the initiation of work on the use of leaf protein as a human food' sent to Synge, 22 July 1959, as the most suitable thing for him to take with him to China and undated duplicated form letter introducing Science for Peace organisation.
J.233	1960-1961.
J.234	1962-1963. Includes Pirie's draft programme for a symposium on 'The health hazards arising from different methods of generating power' sent to Synge, 5 March 1963.
J.235	1964-1965. Includes duplicated typescript by Pirie 'Note on a visit to New Guinea and Papua and some suggestions for organising work there on the production and use of leaf protein', 16 March 1965.

J.236	1966-1969.	
J.237	1970-1977, 1979. Includes photocopy of programme of visit University of Agricultural Sciences, Bangalore, India, 3 Februa	
J.238	1980-1981, 1983, 1985-1986. Includes photocopies of artic leaf protein etc.	les by Pirie on
J.239	Porter, R.R. various dates 1	953-1972, n.d.
J.240	Preston, T.R.	1965-1971
	Preston was a former member of staff of the Rowett Research became the Director of the Instituto de Ciencia Animal, I Synge visited Cuba in 1969 to attend the First Annual Congre Institute. See G.163-G.178.	Havana, Cuba.
J.241, J.242	Pusztai, A.	1962-1976
	Pusztai came to Britain from Hungary as a refugee in 1956. A a time with W.J.T. Morgan at the Lister Institute, London he Rowett Research Institute in 1963.	
J.241	1962-1963.	
J.242	1964, 1968-1976. Includes 'A report on the 6th internation biochemistry', 3pp typescript by Pusztai, 18 August 1964 and from Pusztai to S.R. Elsden, 3 September 1976, in answer the Elsden about the effects of germination on seed proteins from point of view.	d copy of letter to enquiry from
J.243	Pyke, M. 19	54-1971, 1977
	Pyke was Manager of the Distillers Company Ltd Glend Station, Menstrie, Clackmannanshire, 1955-1973 and S Chairman of Council, British Association for the Advanceme 1973-1977.	Secretary and

J.244	Rees, M.W.	1944-1945, 1978-1979
	Correspondence 1978-1979 relates to preparation of by Synge for the <i>John Innes Institute Report for</i> 1978. See F.56 for obituary.	
J.245	Reifer, I.	1957,1962-1963, 1966
	Reifer was Professor at the Polish Academy Biochemistry and Biophysics, Warsaw.	of Sciences Institute of
J.246-J.249	Rimington, C.	1941-1962
	Rimington was Professor of Chemical Patholog Hospital Medical School, London, 1945-1967.	gy at University College
	Correspondence and papers 1961-1962 relate to Rimington and scientists at the New Zealand D Ruakura Animal Station, Hamilton, and include co between Rimington and New Zealand sent to Syng by Rimington.	epartment of Agriculture opies of correspondence
J.246	1941, 1954, 1960.	
J.247-J.249	1961-1962. 3 folders.	
J.250-J.255	Robinson, P.L. 193	39, 1941, 1963-1980, n.d.
	Robinson was one of Synge's oldest friends. She based at the Department of Zoology, University Coll	
J.250	1939, 1941.	
J.251	1963. Includes letter and postcard from Robinson in	n Iran.
J.252	1964. Includes letters written by Robinson during where she was based at the Indian Statistical Institu	

J.253	1965. Includes letters written by Robinson during an extended where she was based at the Indian Statistical Institute, C manuscript note listing her visits and scientific work in India 1957	alcutta, and
J.254	1966.	
J.255	1967, 1973, 1980, n.d. Includes photographs of Robinson in India.	the field in
J.256	Rogers, D.	1955-1957
	Rogers was based at the Department of Physics, University Colle	ege, Cardiff.
	Crystallographic studies on specimens sent to Rogers by Synge.	
J.257	Rogers, H.J.	1976, 1980
	Rogers was based at the National Institute for Medical Resear	rch, Mill Hill,
	Includes typescript paper by Rogers and co-workers includ daughter Charlotte.	ing Synge's
J.258	Rose, S.P.	1966
	Rose worked for a firm of management consultants that had be the Wool Research Council to consider various questions financing, organisation and performance of research in the industry.	relating to
J.259	Rothschild, N.M.V. 1953	, 1956-1957
	Rothschild was Chairman of the Agricultural Research Council, 1	948-1958.
	1956-1957 correspondence relates to Agricultural Resear business and in particular a field experiment involving cattle v wanted done.	

J.260-J.262	Russell, D.W.	1960-1973
	Russell was based at the New Zealand Departr Industrial Research Plant Chemistry Division, Palme 1961 to Twyford Laboratories Ltd, London.	
	Research and career.	
J.260	1960.	
J.261	1961-1964.	
J.262	1966, 1973.	
J.263	Rydon, H.N.	1943-1946, 1961
	Research.	
J.264	Sand, G.	1949, 1952, 1954-1955
	Sand was based at the Sildolje- og Sildemelindust Tjaereviken, Norway. He visited the Rowett Research	
	Experimental feeding of goats with herring meal supp	lements.
J.265, J.265A	Sanger, F.	1945-1980
0.200, 0.2004	Research.	1343 1300
J.265	1945-1948, 1950-1951, 1953-1954, 1957-1958.	
J.265A	1961, 1965, 1980. Includes typescript of Synge's ar	rticle on Sanger for The
	American Encyclopedia, 1965.	9-1-1-1

J.266	Schmidt, G. 194	44-1945
	Schmidt worked with D.M.C. Hodgkin in the Department of Crystallog University of Oxford and carried out crystallographic analysis for including work on gramicidin S.	
J.267	Self, R. 190	64-1965
0.201	Self was based at the Food Research Institute, Norwich (1965).	
	Research on varieties of potatoes.	
J.268	Shaw, G.E.	1949
	Shaw was based at the Evans Biological Institute, Runcorn, Cheshire	ı.
	Analysis of samples of rumen contents.	
J.269-J.271	Shazli, K.A.S. el- 19	50-1963
	el-Shazli worked with Synge at the Rowett Research Institute degradation of proteins and amino-acids in sheep rumen. He subse returned to Egypt where he was based at the Faculty of Age Alexandria University.	equently
J.269	1950-1951, 1954-1955.	
J.270	1957.	
J.271	1958, 1961, 1963.	
J.272	Skarzynski, B. 196	60, 1963
	Skarzynski was Professor and Head of the Department of Biocher the Krakow Academy of Medicine, Poland. As a World Health Orga Fellow he made a visit to Scotland including the Rowett Research Ins October 1960.	anisation

J.273	Slyke, D.D. Van	1940
	Van Slyke was based at the Hos Research, New York, USA.	spital of the Rockefeller Institute for Medical
	Research.	
		etermination of hydroxylysine in protein nt by Van Slyke to Synge, 23 December
J.274	Smith, E.L.	1946-1948, 1952, 1954-1956
		ological and Chemical Laboratories of E.R. New Jersey, USA to the University of Utah,
J.275	Smith, E.L.	1946, 1949, 1954, 1957
	Lester Smith was based at Glaxo	Laboratories, Greenford, Middlesex.
J.276	Smith, J.A.B.	1950-1951, 1953, 1966
	Smith was based at the Hannah	Dairy Research Institute, Kirkhill, Ayr.
J.277	Smith, M.J.	1937-1940, 1945, 1948, 1951, 1955, 1957
	Smith was a friend of Synge's Company Ltd in Manchester befo	who worked for the Tootal Broadhurst Lee bre the Second World War.
	Letters 1945 are written from the Austria.	Economics Division, Allied Commission for
J.278	Sørensen, C.	1974, 1977
	Sørensen was based at the Sta Lyngby, Denmark.	te Laboratory for Soil and Crop Research,

J.279	Sosulski, F.W.	1977-1978
	Sosulski was based at the Department of Crop Science, U Saskatchewan, Saskatoon, Canada.	Iniversity of
	Includes recommendation.	
J.280	Stein, W.H. 1953-	1954, 1963
	Stein was based at the Rockefeller Institute for Medical Research USA.	, New York,
J.281	Stene, S.	1947
	Stene was based at the Statens Institut for Folkehelse, Oslo, Nor	way.
	Adsorption columns, chromatography.	
J.282	Stephenson, M. 1940	, 1948, n.d.
J.283-J.287	Sumere, C.F. Van	1973-1978
	Van Sumere was based at the Laboratory for Plant Biochem University of Ghent, Belgium. Synge attended a Phytochem meeting arranged by Van Sumere in September 1973. This was number of visits by Synge to Ghent and by Van Sumere to Research Institute, Norwich.	ical Society the first of a
J.283	1973. Includes conference programme, list of participants, short Synge's report to the Agricultural Research Council for Ph Society symposium on 'The Chemistry and Biochemistry of Plan University of Ghent, 4-6 September 1973.	ytochemical
J.284	1974-1975.	
J.285	1976.	
J.286	1977-1978.	

J.287	Research notes, drafts and data, 1974, 1	976-1977 and n.d.
J.288	Sutherland, G.B.B.M. Infra-red spectrum of gramicidin.	1947
J.289	Taylor, A. Taylor was based at the New Zealand Animal Research Station, Hamilton and Council of Canada, Atlantic Regional Lab Sporidesmin.	d from 1963 the National Research
J.290	Tedder, J.M. Tedder was Professor of Chemistry, Univ Includes copy of proposal submitted by Council for research into the chemistry of	Tedder to the Agricultural Research
J.291	Teich, M. Teich was a Czech historian of bioch College, Cambridge in 1985 and 1992.	1966, 1985, 1992 emistry who wrote from Robinson
J.292-J.301	Tiselius, A.W.K. For the period August 1946 - May 1947 Tiselius at the Fysikalisk-Keminska Insti Sweden.	
J.292	1943-1945.	
J.293	1946-1947.	

J.294	1948-1949. Includes notice of course of three lectures on 'Recent developments in physicochemical methods of separation and analysis in biochemistry' by Tiselius at the University of London, 25, 27 February and 2 March 1948.
J.295	1950. Includes correspondence and papers <i>re</i> an electrokinetic ultrafiltration demonstration by Synge at meeting of Biochemical Society on 24 March.
J.296	1951-1954, 1956-1957.
J.297	1960, 1962-1963, 1983. Includes recommendation, 1963. Letter 1983 is from J. Porath who was closely associated with Tiselius for over twenty years.
J.298-J.301	Correspondence and papers <i>re</i> festschrift presented to Tiselius on the occasion of his sixtieth birthday, 1961-1962. 4 folders. The festschrift appeared as a supplement volume to <i>Archives of Biochemistry and Biophysics</i> .
J.302, J.303	Tracey, M.R.1953-1961, n.d.Tracey was based at the Rothamsted Experimental Station, Harpenden, Hertfordshire, 1953-1958 and edited (with K. Paech) Modern Methods of Plant Analysis. Correspondence and papers 1961 are from Tracey at the CSIRO Wheat Research Unit, Bread Research Institute of Australia, North Ryde, New South Wales.
J.302	1953-1958. Research, publications.
J.303	1961, n.d. Includes thesis proposal on non protein nitrogen by a member of the Wheat Research Unit and interim report on the non protein nitrogen work sent to Synge by Tracey.

J.304, J.305	Trim, A.R.H.	1941-1968
		Laboratory, University of Cambridge from he Plant Breeding Institute, Cambridge <i>ca</i> Unit, Cambridge <i>ca</i> 1962.
J.304	1941-1942, 1945, 1949, 1953-1955	i, 1958.
J.305	1960-1968.	
J.306	Tristram, G.R.	various dates 1941-1965
		otein team at Imperial College London in Cambridge in 1943. In 1950 Tristram ews (Biochemistry Chair 1966).
J.307-J.310	Turner, B.M.	1957-1958, 1960-1963
	Development of microscale chroma	tography and electrophoresis.
J.307	1957-1958, 1960.	
J.308	1961.	
J.309	1962.	
J.310	1963.	
J.311	Underwood, E.J.	1967-1970, 1980
		titute of Agriculture, University of Western an invitation to write the Royal Society

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<i>I</i>	Correspondence 1967-1969 relates to Syng Marston. See J.182-J.185.	e's Royal Society memoir of H.R
	Draft letter 1980 from Synge to K.L. Blaxter, Underwood, discusses Marston and the 'co facial eczema project.	
J.312	Unilever Ltd	1957-1959
	Correspondence from the Food Research D The principal correspondent is J.K.D. Dow.	epartment, Sharnbrook, Bedford
J.313	Varma, I.D.	1956
	Varma of the Kanya Kubja College, Luc Synge's Department at the Rowett chromatographic and electrophoretic fraction	Research Institute on the
J.314	Virtanen, A.I.	1955, 1957
	Includes 'English translation of the latter part the 75-year celebration of the league of you at the Stadion of Helsinki on the 3rd of Jul Synge in 1957.	ung people's societies in Finland
J.315	Walker, D.M.	1959, 1964, 1967, 1969
	Walker was a former colleague of Synge's who by 1959 was based at the Department of Sydney, New South Wales, Australia. Se	of Animal Husbandry, University
	Includes recommendation.	
J.316	Walker (née Thomas), G.J.	1955-1959, 1962
	Walker was a former colleague of Synge's husband. See J.315.	who moved to Australia with her
J.317	Wallace, C.	1957-1958, 1983, 1988, 1991

J.318	Wallerstein Company, Inc., New York	1945
	Supply of samples of tyrothricin, tyrocidine and gramicidin.	
J.319	Ward, A.G.	1950, 1956
	Ward was based at the British Gelatine and Glue Res London.	earch Association,
J.320	Warner, A.C.I.	1955, 1957
	Warner worked at the Rowett Research Institute for a peri to Australia in 1955 to take up a post at the CSIRO Divisio and Production, Sheep Biology Laboratory, Parramatta, No	on of Animal Health
J.321	Waterlow, J.	1951, 1957
	Waterlow was based at the Tropical Metabolism Resear College of the West Indies, Jamaica.	rch Unit, University
J.322, J.323	Weiler, G. Strauss, F.B. Microanalytical Laboratory	1937-1948
	Analyses of substances. 2 folders.	
J.324	Weiss, D.E. 1950	, 1955, 1958, 1960
	Weiss was attached to the CSIRO Division of Inc Melbourne, Victoria, Australia. He visited Synge in 1950 v from H. R. Marston. He was interested in the possibil partition chromatography.	with an introduction
J.325	Westall, R.G.	1950, 1955-1956
	Westall was based at the University College Hospita London.	I Medical School,

J.326-J.329	Whelan, W.J.	1951-1977
	Whelan was based at the Department of Chemistry, Universit North Wales, Bangor, 1951-1954, the Lister Institute, London and the Royal Free Hospital School of Medicine, London, subsequently moved to the University of Miami, Miami, Florida, U	1957-1962 1966. He
	Research, especially synthetic polysaccharides.	
J.326	1951.	
J.327	1952.	
J.328	1953-1954.	
J.329	1957-1962, 1966, 1977	
J.330	White, E.P.	1960-1962
	White was based at the New Zealand Department of Agricult Animal Research Station, Hamilton.	ure Ruakura
	Sporidesmin.	
J.331	Wilsdon, B.H. 1938-1939, 1943	8, 1953-1954
	Wilsdon was Director of Research of the Wool Industrie Association, Leeds. He was subsequently associated with E Synthetic Fibres Federation.	
J.332	Williams, T.I. 1948	, 1953, 1990
	Williams was for many years Deputy Editor and Editor of <i>Ende</i> correspondence relates to Williams's biography of the chemist R	
J.333	Wiltshire, G.H. 1950	, 1957, 1972
	Includes thesis report (1950).	

J.334	Wolfe, L.	1947, 1949
J.335	Wolff, W. Wolff worked with Synge at the Lister Ir	1943, 1946-1947 nstitute, London.
J.336	Wood, J.C. Wood joined the staff of the Rowett F Synge's assistant. He subsequently wo	
J.337	Woods, D.D.	1939, 1943-1946, 1952, 1953
J.338	Work, E. Work was based at the University Colle 1951-1952 and Twyford Laboratories Li Research, visits to Aberdeen.	
J.339, J.340	Work, T.S. Work was based at the MRC Nationa Hill, London. Research, publications, visits.	1946-1957, 1960-1966, n.d. al Institute for Medical Research, Mill
J.339	1946-1957. Includes papers re A Chairmanship of the <i>Biochemical Journ</i>	. Neuberger's retirement from the nal Editorial Board, 1955.
J.340	1960-1966, n.d. Includes recommenda	ations.
J.341	Youngson, M. Youngson worked with Synge at the Ro	1958-1959, 1962-1965 wett Research Institute 1958-1959.

J.342-J.412	SHORTER SCIENTIFIC CORRESPONDENCE	1936-1993
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J.353	1946 July - December.	

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J.356	1948.
J.357	1949 January - June.
J.358	1949 July - December.
J.359	1950 January - June.
J.360	1950 July - September.
J.361	1950 October - December.
J.362	1951 January - June.
J.363	1951 July - December.
J.364	1952 January - June.
J.365	1952 July - December.
J.366	1953 January - May.
J.367	1953 June - December.

J.368	1954 January - May.
J.369	1954 June - December.
J.370	1955 January - June.
J.371	1955 July - December.
J.372	1956 January - June.
J.373	1956 July - December.
J.374	1957 January - May.
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J.376	1958 January - June.
J.377	1958 July - December.
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J.379	1960 January - July.
J.380	1960 August - December.
J.381	1961 January - April.

J.382	1961 May - December.
J.383	1962.
J.384	1963 January - May.
J.385	1963 June - December.
J.386	1964.
J.387	1965 January - June.
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J.418	М.	
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J.420	S.	

R.L.M. Synge NCUACS 73/2/98

Correspondence

J.421 T-V.

J.422

W-Z, illegible.

J.423-J.443

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1 4 3 7	1969-1970 1977 1978 1980-1983	

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J.438	1954-1957.	
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J.442	1969-1971, n.d.	
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