

Catalogue of the papers and correspondence of

Sir Cyril Astley Clarke FRS

(1907-2000)

by Timothy E. Powell and Nicola Ashbridge

NCUACS catalogue no. 93/6/00

Title: Catalogue of the papers and correspondence of Sir Cyril Astley Clarke FRS (1907-2000), clinical geneticist and lepidopterist

Compiled by: Timothy E. Powell and Nicola Ashbridge

Description level: Fonds

Date of material: 1926-2000

Extent of material: 16 boxes, *ca* 470 items

Deposited in: Department of Special Collections and Archives, Liverpool University Library

Reference code: GB 0141 C.A. Clarke

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NCUACS catalogue no. 93/6/00

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GENERAL INTRODUCTION

PROVENANCE

The papers were received from Sir Cyril Clarke via Liverpool University Archives in May 1999.

OUTLINE OF THE CAREER OF SIR CYRIL CLARKE

Cyril Astley Clarke was born in Leicester on 22 August 1907. He was educated at Wyggeston Grammar School and Oundle School and, after a short period at Strasbourg University to improve his French, he entered Gonville and Caius College Cambridge in 1926. He graduated from the Natural Sciences Tripos in 1929 and won a scholarship to Guy's Hospital Medical School. He graduated in 1932 and after a number of staff appointments at Guy's, in 1936 he joined a life insurance company. He received his Cambridge M.D. in 1937.

In June 1939 Clarke, a keen sailor, volunteered for the Royal Naval Volunteer Reserve and was on the outbreak of the Second World War was called up as a medical specialist. He was initially stationed at the Royal Navy's base at Scapa Flow in the Orkney Islands but in 1942 received a posting to North Africa. Clarke was posted back to the UK at the end of the North African campaign and in 1944 was sent to Australia.

On returning to the UK at the end of the war Clarke found work as a registrar at Queen Elizabeth Hospital in Birmingham and a few months later was appointed Consultant Physician at the United Liverpool Hospitals. In 1963 he was appointed Director of the Nuffield Unit of Medical Genetics based at the University of Liverpool and two years later was made Professor of Medicine. He held these posts until retirement in 1972. Following retirement Clarke served as President of the Royal College of Physicians 1972-1977, Director of the College's Medical Services Study Group 1977-1983 and Director of its Research Unit 1983-1988.

In addition to the Royal College of Physicians, Clarke served many medical organisations in various capacities. He was President of the Liverpool Medical Institution 1970-1971, Chairman of the British Heart Foundation Council 1982-1987 and Chairman of the British Society for Research on Ageing from 1987. In 1991 he was elected President of the Royal Entomological Society of London for two years.

After his return to the UK after the war Clarke was involved in studies following up the medical treatment of British Prisoners of War who had developed nutritional neuropathy from their time in

Japanese Prisoner of War camps. However, his most important research achievement was his discovery of a method of preventing 'rhesus babies'. Rhesus haemolytic disease in newborn children resulted from incompatibilities between maternal and foetal blood. Giving rhesus-negative mothers an injection of antiserum following the birth of a rhesus-positive baby prevented the mother's immune system from producing antibodies against subsequent rhesus-positive babies.

This development, which had a dramatic effect in reducing infant mortality from rhesus disease, had been facilitated by the knowledge of genetics Clarke had gained through his work with butterflies. Originally a childhood hobby, his interest in butterflies was reawakened during his military service in Australia. On return to the UK he devised a method of 'hand-mating' *Papilio machaon* with certain other species which enabled systematic genetic studies to be undertaken. Philip Sheppard, who came to Liverpool as lecturer in genetics in 1956, encouraged Clarke to use this knowledge of genetics in the medical field of blood groups. Clarke noted the similarity between inheritance of rhesus blood groups and butterfly mimetic patterns and this led to the breakthrough in treatment of rhesus babies.

Clarke continued active research at Liverpool into haemolytic disease in infants and developed an interest in other genetically related medical issues including longevity, asthma and cancer of the oesophagus.

Although it had begun as a hobby, Clarke's research into lepidoptera included not only studies of *Papilio machaon* and mimicry. Another of his interests was the peppered moth *Biston betularia* and the relation between the prevalence of the *carbonaria* form and industrial pollution. In 1988 Clarke rediscovered a colony of Scarlet Tiger Moths (*Panaxia dominula*), originally established at the Wirral Way, West Kirby, Merseyside by Sheppard in 1961, and this enabled him to investigate population changes.

Clarke received many honours and awards. He was made a CBE in 1969 and in 1974 was knighted. In 1970 he was elected Fellow of the Royal Society (Buchanan Medal 1990). Clarke was a Fellow of a number of medical institutions including the Royal College of Physicians, the Royal College of Obstetricians and Gynaecologists and the Royal Society of Medicine (Nuffield Medal 1984, Gold Medal 1985). He received honorary degrees from many universities including Birmingham, Edinburgh, Leicester and Liverpool. In 1980 he received the US Albert Lasker Medical Research Award and the following year received the Artois-Baillet Latour Health Prize in Belgium. Clarke's work as a lepidopterist was recognised by the Linnean Medal for Zoology of the Linnean Society of London (1981).

DESCRIPTION OF THE COLLECTION

The material is presented in the order given in the List of contents. It covers the period 1926-1999 but the bulk of the material dates from the latter part of Clarke's career.

Section A, Biographical, includes a number of autobiographical and biographical accounts, and there is significant material relating to honours and awards Clarke received. There are diaries including one from student days in 1926, but mostly dating from the periods from the late 1940s to the mid 1950s and from 1983 to 1996. There is a little family material, chiefly relating to his grandfather and father and their roots in Leicester. Also included is information relating to deposits of archival material and butterfly specimens elsewhere.

Section B, University of Liverpool, is very slight. It includes Clarke's account of the Department of Medicine 1958-1972 and his annual research reports to the University 1991-1998.

Section C, Medical research, is unfortunately not extensive. It does include documentation of Clarke's post-war research on nutritional deficiencies in British Prisoners of War. However, the bulk of the material dates from the 1980s and 1990s and relates to Clarke's post-retirement studies of longevity and pregnancy in diabetes.

Section D, Lepidoptera research, documents some of Clarke's work on butterflies and moths 1950-1998. Although there is a slightly better coverage of Clarke's work over many decades than in the medical research section, again the bulk of the material dates from the 1980s and 1990s. Topics included are work on *Papilio dardanus* and moth pheromones. There is also material relating to import licenses and permits to bring lepidoptera into the UK, 1952-1991, which provides some indication of Clarke's research interests over time.

Section E, Publications and lectures, covers both medical and lepidoptera work. The bulk of the publications material relates to work done in the 1990s but far from fully documents Clarke's prolific output even in that decade. The publications include autobiographical reminiscences, a few papers on lepidoptera and medical subjects and obituaries and memoirs of a number of colleagues including I.B. Sneddon, Lord Zuckerman and E.B. Ford. The section includes documentation of a number of public and invitation lectures delivered 1977-1998, some on the occasion of an award. There is also an incomplete set of Clarke's offprints.

Section F, Visits and conferences, cover only a few of Clarke's visits and conferences 1963-1995. The two largest single components are documentation of Clarke's visit to China as a member of a Royal Society delegation in 1978 and material from a visit to Fiji in 1981.

Section G, Societies and organisations, includes seventeen British national and regional societies. The best documented are the Association of Physicians of Great Britain and Ireland, the Royal College of Physicians (chiefly Clarke's Directorship of the Medical Services Study Group and then its Research Unit) and an informal visiting group known as the Medical Pilgrims. The bulk of the material is from the 1980s and 1990s.

Section H, Correspondence, has been subdivided, following Clarke's arrangement into four subsections. The first is correspondence with named individuals. This includes H.B.D. Kettlewell and U. Mittwoch. However, of particular note in this subsection are the sequences of correspondence with J.B.S. Haldane and J.S. Huxley in which the principal correspondent is not Clarke (although he features in the correspondence with Haldane) but his Liverpool colleague and friend P.M. Sheppard. The second subsection presents correspondence on specific subjects, chiefly lepidoptera and including in particular material relating to work on the moth *Bison betularia*. The other two subsections present sequences of later correspondence 1994-1998 arranged alphabetically, and of shorter exchanges or single letters found loose.

Section J, Non-textual material, includes an extensive collection of glass and negative photographic film slides, chiefly of lepidoptera, a small number of photographs and cine and video documentaries on the rhesus work of Clarke and P.M. Sheppard.

There is also an index of correspondents.

LOCATIONS OF OTHER MATERIAL

See A.88-A.96A.

The University of Liverpool Art Collections holds medals, a salver and a trophy deposited by Sir Cyril Clarke.

The University of Liverpool Special Collections and Archives holds certificates relating to some of Clarke's honours and awards (reference D.36/3/1-31), and photographs of Clarke taken on the opening in 1983 of an exhibition of butterflies etc. relating to his research (reference D.301/6-10).

The Department of Entomology, British Museum (Natural History), London holds the Clarke/Sheppard/Gill Genetic Collection of Butterflies, comprising specimens of butterflies collected, together with brood books, photographs and related offprints.

The Department of Zoology and Entomology, Liverpool Museum, National Museums and Galleries on Merseyside, holds correspondence and off-prints relating to the *Panaxia dominula* colony on the Wirral Way, West Kirby.

The family retains some personal papers including biographical scrapbooks.

The Bodleian Library, Oxford holds Sir Cyril Clarke's correspondence with E.B. Ford 1955-1987 passed to the National Cataloguing Unit for the Archives of Contemporary Scientists for inclusion in the catalogued Ford papers in 1988. Reference E.B. Ford papers F.13-F.37.

The Library of the American Philosophical Society, Philadelphia, holds the correspondence and papers of P.M. Sheppard, Clarke's long-time friend and research colleague.

ACKNOWLEDGEMENTS

We are grateful to Sir Cyril Clarke for making the papers available.

T.E. Powell

N.L. Ashbridge

Bath, 2000

SECTION A	BIOGRAPHICAL	A.1-A.105
	A.1-A.16	AUTOBIOGRAPHICAL AND BIOGRAPHICAL ACCOUNTS
	A.17	LIST OF PUBLICATIONS
	A.18-A.60	CAREER, HONOURS AND AWARDS
	A.61-A.70	FAMILY
	A.71-A.87	DIARIES
	A.88-A.96A	ARCHIVAL MATERIAL
	A.97-A.99	OBITUARIES AND MEMORIALS OF OTHERS
	A.100-A.103	MISCELLANEOUS
	A.104, A.105	PHOTOGRAPHS

Biographical

A.1-A.16 AUTOBIOGRAPHICAL AND BIOGRAPHICAL ACCOUNTS 1939-1997

See also J.46-J.50.

A.1 Curriculum vitae 'Master copy - up-to-date 11/7/86'.

A.2 Entries from biographical directories, 1977-1990s.

A.3-A.9 Autobiographical accounts

See also A.89.

A.3 'From butterflies to babies - Part 2', *Journal of Maternal and Child Health*, vol 2 (1977), 196-201.

A.4 'Preventing rhesus babies: the Liverpool research and follow up', *Archives of Disease in Childhood*, vol 64 (1989), 1734-1740.

A.5 'Butterflies and babies', *AMSPAR Magazine*, vol 10 (1995), 15-16.

See also E.14.

A.6 'Eighty-eight years of this and that: part I', *Proceedings of the Royal College of Physicians of Edinburgh*, vol 25 (1995), 495-508.

A.7 'Eighty-eight years of this and that: part II', *Proceedings of the Royal College of Physicians of Edinburgh*, vol 25 (1995), 675-687.

A.8 'The Navy to the rescue, or from Scapa to Sydney and home again, fifty years ago', *Journal of the Royal Naval Medical Service*, vol 82 (1996), 151-158.

10pp typescript draft.

See also E.22 for another draft.

Biographical

- A.9 'From butterflies to babies', 'sent 21/8/96 to McM[illan]', *Journal of the Royal Naval Medical Service*, vol ?83 (1997).
9pp typescript draft.
See also E.25, E.26 for another draft.
- A.10 Contribution to 'How I would spend a £15 book token', *British Medical Journal*, 22-29 December 1979.
- A.11 Tribute to Clarke by Sir David Weatherall, *Times Higher Educational Supplement*, 4 November 1994.
- A.12 Biography of Clarke by T.F. Baskett for Royal College of Obstetricians and Gynaecologists, 1996.
Correspondence 1995-1996; typescript draft.
- A.13 Accounts of and references to Clarke's work from scientific journals etc, 1969-1985, n.d.
- A.14-A.16 Newspaper cuttings referring to Clarke's life and work, and honours and awards, various dates 1939-1993.
3 folders.
- A.17 **LIST OF PUBLICATIONS**
- A.17 List of publications, 1937-1998.
This list is not entirely complete.
34pp typescript.

Biographical

- | A.18-A.60 | CAREER, HONOURS AND AWARDS | 1965-1992 |
|-----------|--|-----------|
| | Correspondence and papers relating to honours and awards received by Clarke. | |
| | For correspondence <i>re</i> medals, certificates and other memorabilia presented to the University of Liverpool, see A.88-A.91. | |
| A.18 | Member of the National Geographic Society, USA, January 1965. | |
| A.19 | Chair of Medicine, University of Liverpool, July 1965. | |
| A.20 | Freeman of the City of London, 1966. | |
| | Clarke was admitted as a member of the Worshipful Society of Apothecaries of London. | |
| A.21 | Commander of the Order of the British Empire (CBE), 1969. | |
| A.22 | Fellowship of the Royal Society, 1970. | |
| A.23 | Fellowship of the Royal College of Obstetricians and Gynaecologists, 1970. | |
| A.24 | Gold Medal in Therapeutics, Worshipful Society of Apothecaries of London, 1970. | |
| A.25 | Honorary D.Sc., University of Edinburgh, 1971. | |
| | Includes 'laureation address' and group photograph of honorary graduands. | |
| A.26 | Honorary D.Sc., University of Leicester, 1971. | |
| | Includes 2pp typescript draft of citation. See also E.36. | |

Biographical

- A.27 Honorary Fellowship, Royal Australasian College of Physicians, 1973.
- A.28 Honorary D.Sc., University of East Anglia, 1973.
Includes 4pp typescript copy of citation.
- A.29 Addingham Medal, University of Leeds, 1973.
Statement in support of Clarke's candidature.
- A.30 Honorary D.Sc., University of Birmingham, 1974.
Citation.
- A.31 Honorary D.Sc., University of Liverpool, 1974.
Citation; photograph of honorary graduands.
- A.32 Honorary D.Sc., University of Sussex, 1975.
Citation.
- A.33 John Scott Award, City of Philadelphia, 1976.
- A.34 Honorary Fellowship, American College of Physicians, 1976.
Citation.
- A.35 Honorary D.Sc., University of Hull, 1977.
- A.36 International Award, Gairdner Foundation, 1977.
- A.37 Fothergillian Gold Medal, Medical Society, 1977.

Biographical

- A.38 Honorary Fellow, Royal College of Physicians and Surgeons of Canada, 1978.
- A.39 Honorary D.Sc., University of Wales, 1979.
Includes citation.
- A.40 Unidentified honour, ?1980.
Includes citation by R.C. Curran.
- A.41-A.44 Albert Lasker Medical Research Award, Albert and Mary Lasker Foundation, New York, USA, 1980.
- A.41 Correspondence *re* arrangements etc.
- A.42 Citation; programme; publicity material.
- A.43, A.44 Letters of congratulation, 1980-1981.
In chronological order.
2 folders.
- A.45 Honorary D.Sc., University of London, 1980.
Includes 4pp typescript citation.
- A.46-A.48 Artois-Baillet Latour Health Prize, Artois-Baillet Latour Foundation, Belgium, May 1981.
For a copy of Clarke's speech delivered on the occasion see E.37, E.38.
- A.46 Programme folder, including citation; four photographs of the occasion.
- A.47 Newspaper and other cuttings.

Biographical

- A.48 Letters of congratulation, 1981.
- A.49 Linnean Medal for Zoology, Linnean Society of London, 1981.
Includes citation.
- A.50 Honorary Fellow, Royal College of Physicians of Edinburgh, 1981.
- A.51 Honorary Member, Liverpool Medical Institution, 1981.
- A.52 Honorary Fellowship, Royal College of Pathologists, 1982.
Includes 4pp typescript citation.
- A.53 Honorary Fellow, Royal Society of Medicine, and Honorary Member, Section of Comparative Medicine, 1982.
Includes 2pp typescript citation.
- A.54 Gold Medal for 1985-86, Royal Society of Medicine, 1985.
- A.55 Shifa-ul-Mulk Memorial Gold Award, Shifa-ul-Mulk Memorial Charitable Trust, Pakistan, 1988.
- A.56 Buchanan Medal, Royal Society, 1990.
Citation.
- A.57-A.59 Honorary D.Sc., College of William and Mary, Virginia, USA, 1992.
Clarke also gave the Howard Hughes Medical Institute Lecture on 'From butterflies to babies' on his visit (see E.43).
- A.57 Invitation; correspondence *re* arrangements and arising, 1991-1992.

Biographical

- A.58 Programme; citation; memorabilia of the occasion.
- A.59 Newspaper cuttings from college and local press.
- A.60 Honorary Fellow, United Medical and Dental Schools, London, 1992.
Includes citation.
- A.61-A.70 FAMILY**
- A.61-A.64 Julius St Thomas Clarke, 1837-1901 (paternal grandfather) 1989-1998
St Thomas Clark was a surgeon at the Leicester Royal Infirmary
Most of the material concerns the theft in 1995 of a grandfather clock given to the hospital by Hannah St Thomas Clarke (St Thomas Clarke's wife) in his memory. In 1997 Clarke commissioned and unveiled a replacement plaque in his memory.
- A.61 Photograph of St Thomas Clarke.
- A.62 Letter *re* St Thomas Clarke's collection of books, 12 July 1989.
- A.63, A.64 Correspondence *re* theft of grandfather clock and replacement by a plaque, 1995, 1997-1998.
- A.63 1995, 1997.
- A.64 1998. Includes short account of St Thomas Clarke by C.R.A. Clarke (grandson) and two photographs of the clock.
- A.65, A.66 Astley Vavasour Clarke (father) n.d., 1995, 1997
Astley Clarke also worked at the Leicester Royal Infirmary where he was the hospital's first radiographer.

Biographical

- A.65 Instructions for finding the graves of Astley and St Thomas Clarke in Leicester, n.d.
- A.66 Newspaper and other printed articles referring to work of Astley Clarke. 1995, 1997.

Includes letter from Clarke to editor of 'Leicester University Bulletin' adding to an article in the January 1997 issue.
- A.67 Ethel Mary Clarke (mother)

Photocopy of newspaper cutting *re* Ethel Clarke; newspaper cutting *re* Ethel Clarke's Will.
- A.68, A.69 Frieda Margaret Mary ('Féo') Clarke, 1910-1998 (wife)
- A.68 Biography of Féo Clarke, 1998, with related correspondence, 1999.
- A.69 Offprints of articles by Féo Clarke, 1963-1978.

Chiefly from 'Some elementary statistics for the entomologist' series in *The Entomologist*, 1963-1967.
- A.70 Historical essays with references to the Clarke family:

'The Bond photographs' by K.F.C. Brown, 5pp typescript, 1995.

Untitled, on loss of historical artefacts by E.R. Frizelle, 11pp typescript, n.d.
- A.71-A.87 DIARIES 1926-1996**
- Pocket diaries used by Clarke. Not a complete sequence.
- A.71 1926.

The entries are very full, giving daily accounts of work, travel, health etc.

Biographical

A.72-A.87	University of Liverpool diaries. Used for appointments, memos etc.
A.72	1947-1948.
A.73	1949-1950.
A.74	1950-1951.
A.75	1954-1955.
A.76	1966-1967.
A.77	1973-1974.
A.78	1977-1978.
A.79	1983-1984.
A.80	1984-1985.
A.81	1985-1986.
A.82	1986-1987.
A.83	1987-1988.
A.84	1988-1989.

Biographical

A.85 1990-1991.

A.86 1994-1995.

A.87 1995-1996.

A.88-A.96A

ARCHIVAL MATERIAL

1983-2000

A.88-A.91 Correspondence between Clarke, and the University of Liverpool Archives, Arts Collections and Faculty of Medicine *re* deposit and display of medals, honorary degree certificates and similar material, 1983-1998.

A.88 1983-1986.

Includes list of material given to the University Archives by Clarke in 1972 and 1983.

A.89 1987, 1988.

Chiefly concerns the display of Clarke's awards in the Faculty of Medicine.

Includes 2pp typescript biographical account of Clarke.

A.90 1990.

Chiefly concerns the archives of P.M. Sheppard, Clarke's friend and long-time research colleague in lepidoptery at Liverpool. Sheppard's papers went to the American Philosophical Society Library in Philadelphia, USA.

Includes typescript lists of Sheppard's papers prior to their export and list of 'Rhesus research papers' deposited in the University Archives by J.C. Woodrow.

A.91 1991-1998, 2000.

Includes correspondence with the National Cataloguing Unit for the Archives of Contemporary Scientists *re* archival material of Clarke, 1997-1998; and list of medals etc held by the Arts Collections, September 2000.

Biographical

- A.92-A.96 'Clarke-Sheppard-Turner (later Gill) Genetic Collection of Butterflies'.
- This collection was based on that made by Clarke and P.M. Sheppard from 1952. It initially included specimens of *Papilio machaon*, *Papilio glaucus* and *Papilio dardanus* but continued to expand to include other butterfly and moth species.
- In 1986 J.R.G. Turner agreed to collaborate in the maintenance of the collection but he found it difficult to continue to do so and in 1994 Alison Gill took over.
- The collection was deposited in the British Museum (Natural History) in 1982.
- A.92 Bound 'Guide to the Clarke-Sheppard Collection of Butterflies', annotated '1982 First Edition Now altered'.
- A.93 Bound 'Guide to the Clarke/Sheppard/Turner ['Turner' deleted and replaced by 'Gill'] Collection of Butterflies (3rd Updating by CAC October 1990)'.
- With manuscript corrections and additions by Clarke.
- A.94, A.95 Unbound 'Guide to the Clarke/Sheppard/Gill Genetic Collection of Butterflies', 75pp typescript. ca 1996.
- 2 folders.
- A.96 'Brief interim summary of the Clarke/Sheppard/Gill Genetic Collection of Butterflies', March 1996.
- 4pp typescript.
- A.96A Papers *re* archival material and specimens deposited in the Liverpool Museum, National Museums and Galleries on Merseyside, 1997.
- See also H.86.

Biographical

A.97-A.99

OBITUARIES AND MEMORIALS OF OTHERS

Obituaries, orders for memorial services, correspondence etc *re* colleagues and friends.

In alphabetical order.

A.97

Sir John Badenoch.

Tony Dickson.

J. B. Harman.

Barbara Hunt.

A.98

H.B.D. Kettlewell.

Sylvia Lawler.

A.E. Mourant.

A.99

Shaun McConnell.

K.I. Ognyanov.

Diana Pollock.

P.M. Sheppard.

A.100-A.103

MISCELLANEOUS

1947-1995

A.100

Programmes for social occasions:

M.S.S. Annual Dinner, 29 April 1947.

Clarke's retirement from editorship of the *Journal of Medical Genetics*, 10 January 1986.

Service in Thanksgiving and Commemoration for the Royal Naval Volunteer Reserve, 20 September 1995 (includes letter arising).

Biographical

- A.101 Hardback notebook used from the front for 'M.D.A.C.' expenses September 1958 - August 1959 and from the back for record of ?drugs prescribed for Clarke, his mother and his wife, 1958-1995.
- A.102 Letter from University of Leicester *re* bequest to the University, 23 May 1995.
- A.103 Typescript songs and verse etc.
- A.104, A.105 **PHOTOGRAPHS** *ca* 1940, 1985
- A.104 Seven photographs from Clarke's time in the Royal Naval Volunteer Reserve. N.d. but probably before his first posting overseas.
- The photographs are numbered. Only the first (a group photograph) features Clarke.
- A.105 Photograph of Clarke and others being presented to HRH Prince Philip at 'Gala evening ? 1985'.

SECTION B UNIVERSITY OF LIVERPOOL B.1-B.8

B.1-B.4 GENERAL UNIVERSITY PAPERS

B.5-B.8 DEPARTMENT OF GENETICS AND
MICROBIOLOGY

B.1-B.4 GENERAL UNIVERSITY PAPERS 1953-1998

B.1 2pp typescript memorandum on 'Proposed Nuffield Institute of Medical Genetics' at Liverpool by Clarke, June 1963. With covering letters, June 1963.

Cutting from *The Lancet*, November 1963 recording the establishment of the Institute.

B.2 'C.A. Clarke's contribution to the history of the Department of Medicine, 1958-1972', 5pp typescript with manuscript corrections and annotated "28/8/76 sent to Jack Leggate'

Correspondence with J.M. Leggate and others *re* Leggate's history of the University for which Clarke's history of the Department of Medicine was a contribution.

B.3 Miscellaneous correspondence and papers for University functions etc, 1992-1998.

B.4 *Liverpool Daily Post* supplements celebrating foundation of the University of Liverpool, 1953 and 1981.

The second mentions the work of Clarke on rhesus babies.

University of Liverpool

B.5-B.8 DEPARTMENT OF GENETICS AND MICROBIOLOGY 1990-1998

B.5 Letters of re-appointment as Honorary Nuffield Research Fellow, 1990-1997.

B.6-B.8 Annual Research Reports.

The material is returns of the previous year's research activities for the Department's Annual Research Reports to University Court, 1991-1998. Those for 1997 and 1998 were submitted under the School of Biological Sciences.

Clarke submitted details of his publications and other activities.

B.6 1991, 1992, 1993, 1994.

B.7 1995, 1996.

B.8 1997, 1998.

SECTION C

MEDICAL RESEARCH

C1-C.23

The documentation of Clarke's medical research is not extensive. The material presented here, in a chronological sequence, does not fully represent the importance of the work, the range of Clarke's medical research interests or the period of time spent in active research. That he retained a long-standing interest in many topics is shown in the correspondence in section H and in the Publications and lectures section E. At C.22, C.23 are off-prints by others annotated by Clarke.

- C.1-C.4 'Prisoners of War Nutritional Neuropathy'. Contents of Clarke's folder so inscribed divided into four for ease of reference: correspondence and papers 1945-1985.
- Clarke and I.B. Sneddon studied the long-term health of repatriated Prisoners of War held by the Japanese, from their release from Japanese camps to their return to the UK. Living on a rice diet for over four years, many had developed nutritional neuropathy. Clarke and Sneddon argued this was due not simply to the vitamin B defects of a rice diet but to an anti-vitamin factor present in rice.
- C.1 Articles by Clarke and Sneddon and others on nutritional neuropathy in former Prisoners of War, torn out of or later photocopies from medical journals. 1945-1946.
- C.2 Off-print of article by Clarke and W. Sircus 1951, with brief correspondence *re* article, 1952.
- C.3 Brief correspondence with F.B. Gibberd *re* long-term health of Prisoners of War, 1979-1980.
- Includes copy of article by Gibberd annotated by Clarke.
- C.4 Off-prints of work on health of former Prisoners of War, 1982-1985.
- C.5 Manuscript notes on allergies, with issue of the *Proceedings of the Royal Society of Medicine* vol 42 (1949) found therewith.
- The *Proceedings* includes report on discussion meeting on antihistamine drugs.

Medical research

- C.6 Duplicated typescript 'Sibship data used in the analysis of Clarke et al', ca 1956.
- C.7 Duplicated typescript note on 'Carcinoma of Oesophagus associated with Tylosis', ca 1950s.
- C.8 Nuffield Unit of Medical Genetics 'Third Annual Report (1965/6)', 24pp + 3pp appendix duplicated typescript.
- C.9 Nuffield Unit of Medical Genetics 'Seventh Annual Report', 40pp duplicated typescript, 1969/70.
- C.10 Correspondence with Office of Population Censuses and Surveys re data on infant deaths from haemolytic disease, 1988-1995.

This relates to joint research between Clarke and R. Hussey. See E.30, E.31.
- C.11-C.15 'Longevity'. Contents of Clarke's folder so inscribed divided into four for ease of reference.

Correspondence and statistical data on numbers of centenarians and other aspects of longevity, 1988-1995.
- C.11 1988-1993.

Includes 'Centenarians and the ultimate age attainable by man', *Nutrition Bulletin* vol 54 (1989).
- C.12 1994.

Chiefly Japanese statistics and correspondence arising from article by Clarke and U. Mittwoch 'Puzzles in Longevity', *Perspectives in Biology and Medicine* vol 37 (1994).
- C.13 1995.

Chiefly Japanese statistics.

Medical research

- C.14 Tables of figures etc.; examples of case histories of geriatric cases ?for medical training.
- C.15 Offprints on longevity by others, some annotated.
- C.16-C.18 Pregnancy in Diabetes Research meetings.
- This group of medics in Merseyside and Cheshire hospitals was examining the effects of pregnancy in mothers with diabetes. Clarke was a member.
- The material is papers from meetings of the group and a little associated correspondence, 1993-1997.
- C.16 1993, 1994.
- C.17 1995, 1996.
- C.18 1997.
- C.19, C.20 'Rh "Retrospective Survey" 1993'. Contents of folder so inscribed divided into two for ease of reference: manuscript and typescript notes on retrospective survey of Rhesus-negative mothers.
- C.21 Material *re* rhesus D haemolytic disease, 1997.
- Chiefly relates to papers with H.L. Howard and others in the 1990s. See E.27, E.28, E.32-E.34.
- C.22, C.23 Annotated off-prints by others.
- 2 folders.

SECTION D

LEPIDOPTERA RESEARCH

D.1-D.42

Clarke's interest in butterflies dated from his childhood in Leicestershire. It was reawakened during his time in Australia at the end of the Second World War and he continued to pursue it back in England. In the late 1940s he developed a 'hand-pairing' technique of mating *Papilio* butterflies that made it possible to begin a range of genetic investigations of butterflies.

The bulk of the material is correspondence, data and other papers found in Clarke's own folders, the titles of which have been reproduced in the catalogue entries. At D.34-D.42 are permits to collect and licenses for the export and import of butterflies and other material.

This section does not include documentation of all Clarke's lepidoptera research. See Locations of other material in the General introduction to this catalogue.

- D.1-D.3 Manuscript and typescript notes and drafts, 1950-1952.
- D.1 'Colony of *M. cinxia* introduced into Neston, Wirral, Cheshire' by E.B. Ford, 1945; 'Further observations on hibernation' by F.V.L. Jarvis, April 1950.
- D.2 'Notes on cinxia', 1951; 'Some notes from the north-west', ca 1951-1952; 'Life history of the Australian Satyr, *Xenica acantha*. *Acantha* Donovan', ca 1952.
- D.3 'A new aberration of *Argyronis Euphrosyne* Linnaeus' by John Lobb, ca 1952 (with four photographs).
- D.4 'Blood transfusion as a means of overcoming lethal sterility combinations in hybrids in the Lepidoptera', typescript translation of paper by J.H. Meyer in *Zeitschrift der Wiener Entomologischen Gesellschaft*, vol 38 (1953), with 1 page of ?later manuscript notes found therewith.
- D.5 'Esterase electrophoresis and key for sexing larvae (Dr Jones's work)'. Contents of Clarke's folder so inscribed: manuscript notes, photographic and other data etc, 1966, 1968.
- D.6 'Bidentata'. Contents of Clarke's folder so inscribed: manuscript notes and data, 1967, 1969.

Lepidoptera research

- D.7 'Glaucus file'. Contents of Clarke's folder so inscribed: correspondence *re Papilio glaucus*, and papers found therewith 1967, 1985.
- D.8, D.9 'Sex chromatin file'. Contents of Clarke's folder so inscribed divided into two for ease of reference.
- D.8 Correspondence 1971, 1976.
- D.9 Miscellaneous typescript and printed background material.
- D.10-D.13 'Ultra-Violet Photography'. Contents of Clarke's folder so inscribed divided into four for ease of reference.
- D.10 Ultra-violet photographs of *Papilio glaucus*, *Papilio rutulus* and crosses, sent to Clarke by Alison [?], December 1973.
- D.11 Ultra-violet photographs of *Papilio dardanus*.
- D.12 Ultra-violet photographs of *H. bolina*.
- D.13 Letter to E.B. Ford from F.W. Taylor *re* ultra-violet and infra-red viewing apparatus, May 1983; correspondence and papers *re* supply of ultra-violet apparatus to Clarke, 1983.
- D.14-D.19 'Nuffield Grant'. Contents of Clarke's folder so inscribed divided into six for ease of reference: correspondence and papers *re* Nuffield Foundation grants to Clarke for his study 'An explanation of "throwbacks"? A promising butterfly model'.
- A grant of £5,670 was awarded in 1983 for two years with an extension in May 1985 and in 1986 Clarke was awarded a second grant of £8,100 for 1986-1989. Further awards followed for 1989-1992 (£9,600), 1992-1995 (£14,700) and 1995-1998 (£19,800). Another application was made in 1998.
- The material includes reports to the Nuffield Foundation on the progress of research and applications for further funding, 1983-1998.
- D.14 1983-1985.

Lepidoptera research

- D.15 1986.
- D.16 1988, 1989.
- D.17 1992-1994.
- D.18 1995.
- D.19 1996-1998.
- D.20 'Experiments - Karl E. J. Bailey'. Contents of Clarke's folder so inscribed: correspondence, photocopied pages of printed material, some annotated. 1987-1988.
- D.21, D.22 'DNA file'. Contents of Clarke's folder so inscribed divided into two for ease of reference
- D.21 Correspondence, chiefly with B.C. Clarke, *re* use of the Clarke/Sheppard /Turner butterfly collection for DNA studies, 1988, 1989. Includes 2pp typescript draft of research proposal 'A study of mitochondrial DNA to clarify some inherited differences in butterflies'.
- D.22 Correspondence and papers *re* planned DNA research on butterflies: P. Strike, *Papilio*, 1995; R.I. Vane-Wright, *Amauris* spp., 1996; D.C. Raheem, *Papilio dardanus*, 1996.
- D.23 Notes, data and drafts on the rediscovery of Scarlet Tiger Moth (*Panaxia dominula*) colony on the Wirral Way, West Kirby, Merseyside, 1989.
- Clarke rediscovered this colony, originally established by P.M. Sheppard in 1961, in 1988.
- Clarke's continued studies formed the basis for a number of articles on the Scarlet Tiger Moth colony from 1990 onwards.

Lepidoptera research

- D.24-D.26 'Australia Papua New Guinea. *Papilio aegeus*'. Contents of Clarke's folder so inscribed divided into three for ease of reference: correspondence and papers, 1990-1991.
- D.24 Final Report of Imperial College Expedition to Papua New Guinea 1990.
Clarke was patron of this undergraduate biological expedition
- D.25 Correspondence *re P. aegeus beatrix* and *P. aegeus onesimus*, 1990-1991
- D.26 Background material, 1990-1991.
- D.27 'Protesilaus obertheuri'. Contents of Clarke's folder so inscribed: correspondence and papers *re P. oberthueri*, *Hypolimnias bolina*, and *Hypolimnias misippus*, 1990-1993.
- D.28-D.30 'Pheromones'. Contents of Clarke's folder so inscribed: correspondence and papers *re* work on pheromones of the Scarlet Tiger and the Cinnabar moths, 1993-1997.

Clarke and colleagues originally planned to exhibit work on sex pheromones and apparent mating between two species of moth at a Royal Society exhibition on 'New Frontiers in Science', June 1997. However, the material was not suitable for the exhibition and was subsequently published in *Experientia*, vol 52 (1996).
- D.28 Correspondence, principally with J.A. Pickett, one of the prospective co-exhibitors, 1993-1997.
- D.29 3pp typescript proposal for Royal Society exhibition and earlier 1p draft.
- D.30 Colour photographs of moths.
10 small format; 13 medium format.

Lepidoptera research

- D.31 Print-outs of World Wide Web pages on 'The genetics of *Papilio dardanus*', January 1998.
- The first page begins 'These pages are linked to a database which includes data extracted from Sir Cyril Clarke's many notebooks in which he recorded the matings he made between individual *Papilio dardanus* and their outcomes'.
- The pages were created by Alexandra Freeman, a D.Phil. student at Linacre College Oxford, who was working on *P. dardanus* for her thesis (see H.82). The pages are annotated with explanatory notes for Clarke's benefit.
- D.32 'Papilio Check List Rothschild "Rothschild & Jordan" '. Contents of Clarke's folder so inscribed: typescript index to 'A revision of the *Papilios* of the eastern hemisphere, exclusive of Africa by W. Rothschild, *Novitates Zoologicae* vol 2 (1895). N.d.
- D.33 Untitled typescript draft (?by another) beginning 'The amount of experimental work so far carried out on the hybridization of mosquitoes is not very great'. N.d.
- D.34-D.42 Permits, licenses etc.
- This material is permits to collect butterflies and licenses for the export and import of butterflies and other materials, 1952-1991.
- D.34 1952-1955.
- D.35 1964-1969.
- D.36 1970, 1971.
- D.37 1974-1976.
- D.38 1977-1979.
- D.39 1980-1983.

Lepidoptera research

D.40 1984, 1985.

D.41 1986.

D.42 1987-1991.

SECTION E PUBLICATIONS AND LECTURES E.1-E.73

E.1-E.35 DRAFTS

E.36-E.51 LECTURES

E.52-E.73 OFF-PRINTS

E.1-E.35 DRAFTS 1957-1998, n.d.

The coverage of Clarke's publications presented here is far from representative of his work. Nearly all the material listed here dates from the 1990s and even for that period is not comprehensive.

- E.1 'Blood groups and disease', with R.B. McConnell and P.M. Sheppard, *The Lancet*, vol 1 (1957).

1p typescript.
- E.2 'The protection afforded by ABO incompatibility against erythroblastosis due to Rhesus Anti-D', with R. Finn *et al*, *International Archives of Allergy and Applied Immunology*, vol 13 (1958).

1p duplicated typescript.
- E.3 'Medical genetics in China' with W.F. Bodmer, *Journal of Medical Genetics*, vol 16 (1979).

Annotated off-print.
- E.4 Reminiscence of I.B. Sneddon, for *The Lancet*, November 1987.

1p typescript.

With copy of Sneddon's obituary, *The Lancet* 31 October 1987.
- E.5 'Professor Sir Ronald Fisher, FRS', *British Medical Journal* vol 301 (1990).

Exchange with L.J. McCarthy *re* the article, February 1991; list of those to receive off-prints.

Publications and lectures

- E.6 Obituary of John Woodrow, 11 June 1990.
2pp typescript.
- E.7 *Human Genetics and Medicine*, Cambridge University Press, 3rd ed., 1991.
Statement of royalty earnings 1995 only.
- E.8 'Centenarians', June 1991.
17pp typescript with manuscript corrections.
- E.9, E.10 'Solly Zuckerman'. Entry for Royal College of Physicians' *Munk's Roll*, 1993.
- E.9 2pp typescript draft, May 1993; correspondence *re* biographical information, April - July 1993.
- E.10 Background information including obituaries and biographical details of Fellows of the Royal College of Physicians.
- E.11-E.13 'Edmund Brisco Ford'. Entry for *Dictionary of National Biography. Supplement: 1986-1990*, 1993.

Clarke was asked to write the entry in 1992. He had written the obituary of Ford for the *Independent* and the entry for *Munk's Roll* of the Royal College of Physicians.
- E.11 Three different typescript drafts: 4pp, 5 May 1992; 3pp, 29 January 1993; 4pp, 30 June 1993.
- E.12 Correspondence with *Dictionary of National Biography* and others *re* biographical information.
- E.13 Background information including obituaries; photograph of Ford.

Publications and lectures

- E.14 'Butterflies and babies', *AMSPAR Magazine*, vol 10 (1995).
11pp typescript draft + table; letter from editor of *AMSPAR Magazine* re length of article.
See A.5 for paper as published.
- E.15, E.16 'Selected topics in Swallowtail genetics', in eds. J.M. Scriber, Y. Tsubaki and R.C. Lederhouse *Swallowtail Butterflies, their Ecology and Evolutionary Biology*, Scientific Publishers, Gainesville, Florida, 1995.
In addition to contributing his own chapter, Clarke reviewed a number of the other articles.
- E.15 Printed draft of pp 2-4 with manuscript correction by Clarke; draft of 'Glossary'.
- E.16 Correspondence with editors and others, 1990-1995.
- E.17-E.19 'Changes in the male to female ratio at different stages of life' with U. Mittwoch, *British Journal of Obstetrics and Gynaecology*, vol 102 (1995).
- E.17 8pp typescript draft with manuscript corrections; corrected proof.
- E.18 Correspondence with editors, 1994-1995.
- E.19 Photocopy of comment on Clarke and Mittwoch's article by C.J. Herman: 'Changes in the male to female ratio at different stages of life', *British Journal of Obstetrics and Gynaecology*, vol 103 (1996).
- E.20, E.21 'Mimicry and other controversial topics in East African Lepidoptera' with F.M.M. Clarke and I.J. Gordon, *Journal of East African Natural History*, vol 84 (1995).
- E.20 22pp typescript draft with manuscript corrections.
- E.21 Correspondence re publication, 1994-1997.

Publications and lectures

- E.22 'The Navy to the rescue, or from Scapa to Sydney and home again, fifty years ago', *Journal of the Royal Naval Medical Service*, vol 82 (1996).

21pp typescript; exchange with editors.

See also A.8 for another draft.
- E.23 'Cytogenetics of a moth species with a low chromosome number, *Orgyia thyellina*' with W. Traut, *Hereditas*, vol 125 (1996).

14pp typescript 'Update: 25.7.96' with manuscript corrections.
- E.24 'Karyotype evolution by chromosome fusion in the moth genus *Orgyia*' with W. Traut, *Hereditas*, vol 126 (1997).

19pp typescript + figures.
- E.25, E.26 'From butterflies to babies', *Journal of the Royal Naval Medical Service*, vol 783 (1997).

See also A.9 for another draft.
- E.25 11pp typescript + 2pp references.
- E.26 Correspondence *re* publication, 1996-1997.
- E.27 'Current use of anti-D immunoglobulin in preventing Rhesus D haemolytic disease', with H.L. Howard *et al*, *Contemporary Reviews in Obstetrics and Gynaecology*, vol 9 (1997).

22pp typescript + tables etc; covering letter to Clarke from Howard, 12 May 1987.
- E.28 'Consequences for fetus and neonate of maternal red cell allo-immunisation', with H.L. Howard *et al*, *Archives of Disease in Childhood*, vol 78 (1998).

16pp typescript + tables, references etc.

Publications and lectures

- E.29 'Geographic and temporal variation in the incidence of melanism in Peppered Moth populations in America and Britain', with B.S. Grant *et al*, *Journal of Heredity*, 1998.
13pp typescript + tables and figures.
- E.30, E.31 'Hemolytic disease of the newborn' with R.M. Hussey, in eds P.J. Delves and I.M. Roitt, *Encyclopedia of Immunology*, Academic Press, London, 2nd ed. 1998.
This was an updating of Clarke's entry in the first edition of the *Encyclopedia*, published in 1992.
- E.30 Copy of entry for first edition with extensive manuscript corrections for second edition; 7pp typescript draft for revised entry; proof copy of revised entry.
- E.31 Correspondence with publishers and co-author.
- E.32-E.34 'Rhesus-D alloimmunisation in pregnant women' with H.L. Howard *et al*, submitted to the *Lancet* late 1997 or early 1998.
- E.32 20pp typescript draft + tables, with manuscript corrections.
- E.33 Revised 21pp typescript draft + tables.
- E.34 Correspondence *re* publication, including criticism of the paper and suggested amendments, 1997.
- E.35 Typescript pages of draft by Clarke on his interest in blood groups. N.d.

Publications and lectures

E.36-E.51	LECTURES	1977-1998, n.d.
E.36	Speech at Opening of the new Medical Sciences Building at the University of Leicester, 8 December 1977. 8pp typescript + manuscript corrections; 3pp typescript of A.L. Hodgkin's introduction of Clarke. 2pp manuscript of Clarke's speech at University of Leicester degree congregation, 16 July 1971. Found with preceding material. See also A.26.	
E.37, E.38	'The prevention of Rh Haemolytic disease', Artois-Baillet Latour Health Prize, Brussels, Belgium, 1981. See also A.46-A.48.	
E.37	8pp typescript.	
E.38	'The prevention of Rhesus babies', 4pp typescript with manuscript corrections, 31 March 1981. Probably earlier draft of speech.	
E.39, E.40	Speeches at Opening of Nuclear Magnetic Resonance Research Centre, University of Liverpool, 19 September 1988.	
E.39	Index cards of typescript prompt notes for speeches.	
E.40	Press-release; lists of those present; newspaper cutting reporting on the occasion.	
E.41	'Longevity', Smith Kline and French Lecture, 22 September 1988. Photocopied 9pp typescript.	
E.41A	'Sir Walter Bodmer, FRS', citation on award of the Neil Hamilton Fairley medal, Royal College of Physicians, 18 October 1990. 2pp typescript.	

THE ROYAL COMMISSION ON HISTORICAL MANUSCRIPTS

Report on the correspondence and papers

of

SIR CYRIL ASTLEY CLARKE

(1907-2000)

clinical geneticist

in Liverpool University, Department of Special Collections and Archives

Reproduced for the National Cataloguing Unit for
the Archives of Contemporary Scientists

(NCUACS 93/6/00)

by

The Royal Commission on Historical Manuscripts

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2001

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Publications and lectures

- E.42 'Why live to be a 100?', Liverpool, 12 December 1990.
Manuscript prompt notes.
- E.43 'From butterflies to babies', Howard Hughes Medical Institute Lecture, College of William and Mary, Virginia, USA, 7 February 1992.
Clarke gave this lecture on receiving an Honorary D.Sc. from the College of William and Mary (see A.57-A.59).
Invitation and letter *re* arrangements, 1991; notice, signed by well-wishers.
- E.44 Presidential Address, Association of Physicians, Liverpool, 10 April 1992.
Index cards of typescript notes for speeches.
- E.45 'Why live to be a hundred?', Department of Geriatric Medicine, University of Liverpool, 5 January 1994.
Typescript programme; manuscript notes; correspondence *re* arrangements.
- E.46 2pp typescript outline for lecture at Belfast, 23 October 1995.
- E.47, E.48 'The development of anti-RhD prophylaxis in Liverpool', Meeting on the Interface between Immunology and Obstetrics and Gynaecology, Liverpool, 8 February 1996.
- E.47 Pages of typescript draft with manuscript corrections and additions; list of slides.
- E.48 Programme; correspondence *re* arrangements, 1995-1996.
- E.49 'The prevention of Rh Haemolytic disease', photocopy of Artois-Baillet Latour Health Prize lecture, originally delivered 1981 (see E.37, E.38) but with manuscript introductory notes, 7 December 1997.
8pp typescript + figures.

Publications and lectures

E.50 'Parallel studies in the decline of melanism in the British and N. American Peppered Moth species', Meeting of the Institute of Biology, Royal Entomological Society and Lancashire & Cheshire Entomological Society, 14 March 1998.

8pp typescript + figures; programme.

E.51 Citation for David John Weatherall for the Ambuj Nath Bose Prize', n.d.

3pp typescript.

E.52-E.73

OFF-PRINTS

1942-1998

Off-prints and photocopies of articles by Clarke. Not a complete sequence.

E.52 1942.

E.53 1950-1954.

E.54 1955, 1956.

E.55 1957-1959.

E.56 1960, 1961.

E.57 1962.

E.58 1963-1966.

E.59 1967, 1968.

Publications and lectures

E.60	1969-1971.
E.61	1972, 1973.
E.62	1974-1976.
E.63	1977, 1978.
E.64	1979, 1980.
E.65	1981, 1982.
E.66	1983.
E.67	1984, 1985.
E.68	1986-1988.
E.69	1989, 1990.
E.70	1991-1993.
E.71	1994.
E.72	1995, 1996.
E.73	1997, 1998.

SECTION F

VISITS AND CONFERENCES

F.1-F.17

Listed here is material relating to a few of Clarke's visits and conferences, 1963-1995. For conferences of the Association of Physicians of Great Britain and Ireland attended by Clarke see G.2-G.7.

- F.1 Pocket notebook inscribed on front cover 'CAC I'. Used for notes on 'U.S.A. Trip 1963'.
- The entries are in the form of a journal recording activities immediately preceding the visit and Clarke's journey by ship to New York, 20 February - 4 March 1963.
- F.2-F.5 Visit to China, 16 July - 3 August 1978.
- Clarke visited China as a member of a Royal Society delegation on scientific collaboration, human genetics and oncology. The delegation was led by M.G.P. Stoker.
- For photographic slides taken during the visit see J.38.
- F.2 Hardback pocket notebook used from the front and from the back for notes on visit.
- F.3 Printed Royal Society report of visit, 1979.
- Includes Clarke's 'Impressions of China' at pp 13-15.
- F.4 'Medicine in China' by Clarke, *Ceylon Medical Journal* vol. 24 (1979), pp 3-6.
- F.5 *Co-operative Medical Service Is Fine - How the Rural Co-operative Medical System Works in Changwei Prefecture, Shantung Province* by Chang Wei, Foreign Languages Press, Peking, China, 1978.
- F.6-F.10 Visit to Fiji, ? February 1981.
- This material is probably not all Clarke's but it suggests his close interest and possible involvement in the visit.
- F.6 12pp typescript report on 'Day to day activities in Fiji'.

Visits and conferences

- F.7 5pp typescript list of 'Hope Collection of Simmonds' Fiji butterflies', annotated by Clarke 'Visit to Hope Museum 25/2/81'.
- F.8 2pp typescript 'Remarks and observations' on sighting and capture of butterflies, annotated by Clarke.
- F.9 Map of Fijian islands showing locations of *H. bolina*.
- F.10 12 colour photographs taken during visit. Inscribed on verso but not in Clarke's hand.
- F.11 Societas Europaea Lepidopterologica, Third European Congress of Lepidopterology, Churchill College Cambridge, 13-16 April 1982.

Newspaper cutting featuring Clarke.
- F.12 Invitation (declined) to the presentation of the third Artois-Baillet Latour Health Prize, Brussels, Belgium, 3 June 1983.
- F.13 International Congress of Blood Transfusion, Wembley, London, July 1988.

Clarke and P.L. Mollinson presented a poster on 'Deaths from Rh haemolytic disease in England and Wales, 1977-1986'.

Abstract of contribution; figures and tables.
- F.14 'Lepidoptera genetics - holding our own against *Drosophila*?', Royal Entomological Society Lecture meeting, 20 July 1989.

Photocopied report of Clarke's contribution from *Antenna* vol. 13 (1989), with manuscript correction by Clarke.
- F.15 Fifth European Congress of Entomology, York, 1994.

Abstracts of contributions by Clarke on '*Biston betularia* (L), the peppered moth, in one UK locality (West Kirby, Wirral), 1959-1993' and '*In vitro* fertilisation in *Bombyx mori*, the silk moth'.

Visits and conferences

F.16 Invitation (provisionally accepted) to the fiftieth anniversary celebration of the Albert Lasker Awards, New York, USA, 28-29 September 1995.

F.17 1p typescript notes for posters, n.d.:
'The glaucus group of North American Papilios'.
'Hybridity in butterflies'.

SECTION G SOCIETIES AND ORGANISATIONS G.1-G.34

G.1-G.7 ASSOCIATION OF PHYSICANS OF GREAT BRITAIN AND IRELAND 1968-1996

G.1 Papers *re* members of the Association, 1989, 1995, 1996.

G.2-G.7 Programmes for Annual Meetings of the Association, 1968-1996.
Many are annotated by Clarke.

G.2 Liverpool, 18-20 April 1968.

G.3 Birmingham, 19-20 April 1985.

G.4 Sheffield, 12-13 April 1991.

G.5 Liverpool, 10-11 April 1992.
2 programmes.

G.6 Aberdeen, 31 March - 1 April 1995.
Also includes abstracts.

G.7 Manchester, 11-12 April 1996.

G.8 BRITISH LUNG FOUNDATION 1986-1988, 1995

Clarke became a Vice-President in 1985 and a Patron of the North-Western branch in 1986. He resigned as a Vice-President in 1995.

G.8 Correspondence, 1986-1988, 1995.

Societies and organisations

- | | | |
|-------------------|--|------------------|
| G.9 | BRITISH NUTRITION FOUNDATION | 1987 |
| | Clarke chaired the Foundation's Task Force on Sugars and Syrups. It reported in 1987. | |
| G.9 | Copy of published report. | |
| G.10, G.11 | BRITISH SOCIETY FOR RESEARCH ON AGEING | 1990-1993 |
| G.10 | Aims, Activities and Constitution. 2 booklets. | |
| G.11 | Issues of <i>Lifespan</i> , Society journal, 1990-1993. | |
| G.12 | HUMAN EMBRYOLOGY AND PREGNANCY FOUNDATION | 1989-1990 |
| G.12 | Correspondence <i>re</i> winding up of this charity. | |
| G.13 | LEICESTER MEDICAL SOCIETY | 1997 |
| G.13 | First page of minutes of the first meeting of the 1997/8 session, annotated by Clarke. | |
| G.14-G.16 | MEDICAL PILGRIMS | 1993-1998 |
| | This club was established in 1928 as an informal group of physicians who undertook regular visits ('pilgrimages') to advance learning and to socialise together. | |

Societies and organisations

- G.14 Correspondence and papers, chiefly *re* meetings and 'pilgrimages', 1993-1998.
- G.15 6pp typescript obituary of John Badenoch, April 1996. Found with preceding.
- G.16 'Sir Arthur Hurst and the Medical Pilgrims' by D. Clement, University of Manchester B.Sc., 1998.
- G.17 **MERSEYSIDE AND NORTH WALES SOCIETY OF PHYSICIANS** 1980, 1996-1998
- G.17 Correspondence and papers, chiefly *re* meetings of the Society.
Also includes photograph of Clarke and others at unidentified meeting.
- G.18 **MERSEYSIDE, LANCASHIRE AND CHESHIRE COUNCIL ON ALCOHOLISM** 1992-1993
- Clarke served as President to 1992.
- G.18 Correspondence and papers, 1992-1993.
Includes arrangements for Clarke's 'retirement party' as President and outline for speech of thanks, 8 March 1993.
- G.19 **NATIONAL COLLECTION OF BRITISH LEPIDOPTERA** 1994, 1995
- G.19 Reports for 1993-1994 and 1994-1995.

Societies and organisations

G.20 ROYAL COLLEGE OF PAEDIATRICS AND CHILD HEALTH 1996

G.20 Correspondence and papers, chiefly on meeting on the work of the College's Surveillance Unit, London, 4 December 1996.

G.21-G.25 ROYAL COLLEGE OF PHYSICIANS 1978-1995

Clarke served as President of the College, 1972-1977.

The material here post-dates Clarke's presidency. It chiefly relates to the work of the College's Medical Services Study Group, established in 1977, of which Clarke was the first Director. In 1983 the College consolidated its research activities under a single Research Unit, with Clarke again as Director.

G.21 Photograph of five Presidents of the College, including Clarke, taken at Presidents' Dinner, December 1992.

G.22 Letter to Clarke *re* his replacement as College nominee on Court, University of Liverpool, January 1995.

G.23, G.24 Printed material *re* work of the Medical Services Study Group, 1978-1983.

Includes offprints of work by Clarke.

2 folders.

G.25 Printed material *re* work of the Research Unit, 1984-1990.

Includes offprint of work by Clarke.

Societies and organisations

G.26-G.30 RESEARCH INTO AGEING and related organisations 1988-1998, n.d.

The material is the contents of Clarke's file inscribed 'Research into Ageing'. It includes correspondence and papers relating to three separate organisations with which Clarke was involved: the Research Institute for the Care of the Elderly, based in Bath (Clarke was a Vice-President), Research into Ageing, based in London (Clarke was a Merseyside Patron), and the University of Liverpool based Institute of Human Ageing (Clarke was a Patron).

Much of the correspondence concerns relations between the Institute of Human Ageing and other bodies.

G.26 1988, 1989.

G.27 1990 March – May.

G.28 1990 June, July.

G.29 1991.

G.30 1993, 1998, n.d.

G.31 SCHIZOPHRENIA RESEARCH FUND 1996-1998

Clarke was a Trustee of the Research Fund.

G.31 Correspondence and papers *re* meetings.

G.32 ST JOHN'S HOSPICE IN WIRRAL 1995

G.32 Letters *re* new building appeal; appeal brochure.

Societies and organisations

G.33 WORSHIPFUL SOCIETY OF APOTHECARIES OF LONDON 1980

Clarke was a member of the Society.

G.33 Newsletter for 1979-1980.

G.34 ZOOLOGICAL SOCIETY OF LONDON 1994, 1997

G.34 Appeals.

SECTION H CORRESPONDENCE

H.1-H.112

The correspondence presented here was arranged by Clarke in a number of ways. He kept files on named individuals, files on specific subjects, and an alphabetical arrangement of later correspondence 1994-1998. In addition some correspondence, principally shorter exchanges or single letters, requests for references and recommendations, was found loose.

Of particular note are two of the longer sequences of correspondence with named individuals - those of J.B.S. Haldane and J.S. Huxley. The principal correspondent here is not Clarke (although he features in the correspondence with Haldane) but his Liverpool colleague and friend P.M. Sheppard.

Clarke's arrangement has been respected in the organisation of the material below. However, this has resulted in some overlap between correspondents and reference should be made to the Index of correspondents at the back of this catalogue.

H.1-H.45	CORRESPONDENCE ARRANGED BY INDIVIDUAL
H.46-H.72	CORRESPONDENCE ARRANGED BY SUBJECT
H.73-H.100	CORRESPONDENCE ARRANGED ALPHABETICALLY
H.101-H.112	SHORTER CORRESPONDENCE

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H.1-H.45	CORRESPONDENCE ARRANGED BY INDIVIDUAL	1950-1998
H.1-H.3	Blackwell, C. C.	1991
	Caroline Blackwell was Senior Lecturer in the Department of Medical Microbiology at the University of Edinburgh.	
H.1	Correspondence <i>re</i> HIV infection, 1991.	
H.2	Application, 1991.	
H.3	Background material on secretor status and viral illness.	
H.4-H.6	Chandley, A. C.	1993-1994, 1997
	Ann Chandley worked in the Medical Research Council's Human Genetics Unit, Edinburgh.	
H.4	Correspondence, 1993, 1994.	
H.5, H.6	Correspondence and papers, 1994, 1997. 2 folders.	
H.7	Cohen, H.	1952, 1953
H.8	Cooper, D.W.	1993
H.9-H.16	Haldane, J.B.S.	1950-1992
	H.9-H.13 is correspondence between Haldane, P.M. Sheppard and Clarke.	
H.9	1950-1951. Includes correspondence <i>re</i> work on <i>Cepea nemoralis</i> L.	

Correspondence

- H.10 1953, 1954. Includes correspondence *re* swallowtail butterfly hybrids and pseudo-alleles.
- H.11 1955, 1956.
- H.12 1957. Includes Haldane's 4pp typescript letter to Clarke with a 'provisional theory to account for your results with Papilio glaucus', 16 January + typescript comments on paper, 29 January.
- H.13 1958-1961. Includes correspondence on *Papilio dardanus* and *Papilio glaucus*.
- H.14 Posthumous printed material on Haldane, 1965, 1968, 1969.
- H.15 1973-1974. Includes correspondence *re* 'lewd' last verse of Haldane's poem 'Cancer's a Funny Thing'.
- H.16 1992 and n.d. Includes programme for meeting on J.B.S Haldane: Science and Society, Science Museum, London, 10-11 April 1992.
- H.17-H.23 **Huxley, J.S.** 1952-1965
- Correspondence between Haldane and P.M. Sheppard.
- H.17 1952-1953. Chiefly on areas of common scientific interest, in particular polymorphism and blood groups.
- H.18 1954. Includes Sheppard's responses to various queries raised by Huxley.
- H.19 1955-1956. Includes correspondence *re* Sheppard's book on 'Natural Selection'.
- H.20 1957. Includes correspondence *re* Sheppard's book on 'Natural Selection'.

Correspondence

- H.21 1958. Includes correspondence *re* arrangements for session on Field Studies and Population Genetics at the 15th International Congress of Zoology.
Speakers included T. Dobzhansky, E.B. Ford and K. Mather.
- H.22 1960-1961. Includes correspondence *re* possible book on mimicry in African insects.
- H.23 1962, 1963, 1965. Includes correspondence on disruptive versus diversifying selection, 1965.
- H.24 **Johnson, P. M.** 1994, 1996, 1998
- H.25, H.26 **Kettlewell, H. B. D.** 1955, 1978
- H.25 1955. Chiefly *re Papilio hospiton* and *Papilio machaon*.
- H.26 1978. Chiefly *re Orgyia thyellina*.
- H.27 **Knudsen, J. P.** 1952
Knudsen was based at Oglethorpe University, Georgia, USA.
Correspondence *re* Clarke's work with Georgian butterflies sent to him as larvae by Knudsen, especially successful mating of *Papilio machaon* with *Papilio asterias*.
- H.28-H.30 **Mallet, J.** 1992-1995, n.d.
Mallet was based in the Department of Genetics and Biometry, University College London.
- H.28 1992-1993. Chiefly *re* curatorship of the Clarke-Sheppard-Turner butterfly collection at the Natural History Museum (see A.92-A.96). Also includes 'Some notes about ?*Papilio memnon* in Thailand', 3pp photocopied manuscript.

Correspondence

- H.29 1994-1995. Chiefly *re* curatorship of the Clarke-Sheppard-Turner butterfly collection.
- H.30 Miscellaneous material: curriculum vitae; tables of 'Lepidopteran hybrid crosses showing unisexual fitness biasing'. N.d.
- H.31-H.34 **Mittwoch, U.** 1992-1995
- Ursula Mittwoch was based at the Department of Anatomy, Queen Mary and Westfield College, University of London.
- H.31-H.33 Correspondence on various scientific topics, papers etc.
- H.31 1992-1993.
- H.32 1994.
- H.33 1995.
- H.34 1993-1995.
- H.35 **Solomon, D. H.** 1995
- Correspondence on numbers of octogenarians in the USA and the UK.
- H.36 **Symons, F.** 1994-1995
- Correspondence on research project on DNA sequences in *Papilio dardanus*.
- H.37, H.38 **Walker, J. B.** 1995
- Joan Walker was a Leicestershire doctor specialising in the care of diabetes.

Correspondence

- H.37 Correspondence *re* obituary of Walker in *The Times*, 1985; cutting of obituary as published, 22 August 1985.
- H.38 Autobiographical and biographical material.
- H.39 **Williams, G.** 1993-1994
Visit to Beijing, China.
- H.40 **Willig, A.** 1976-1977

Willig, based at the University of Ulm, Germany, collaborated with Clarke on a number of papers.

Correspondence *re* visit of W. Cross to Ulm to study the techniques of ecdysone injections into pupae.
- H.41-H.45 **Zallen, D. T.** 1991-1998

Doris Zallen worked at the Virginia Polytechnic Institute and State University, USA.

Correspondence *re* history of genetics in the UK, 1991-1998.
- H.41 1991-1992. Chiefly *re* visit to the UK to study the historical relationship between ecological and medical genetics.
- H.42 1993. *Re* return visit to the UK to study the relationship between ecological and medical genetics, and her article arising.
- H.43 1994. Includes copy of 'From butterflies to blood: human genetics in the UK' by Zallen, 34pp typescript.
- H.44 1995. Chiefly arising from Zallen's research on the P.M. Sheppard papers in the American Philosophical Society Library, Philadelphia, USA. Zallen sent Clarke copies of Sheppard's notes on the *Panaxia dominula* colony on the Wirral Way, West Kirby, Merseyside.

Correspondence

- H.45 1996-1998. Chiefly *re* visit to the UK to study the history of the 'Liverpool school' of medical genetics.
- H.46-H.72 **CORRESPONDENCE ARRANGED BY SUBJECT** 1952-1998
- H.46-H.50 **'Betularia'** 1984, 1992-1998
Contents of Clarke's folder so inscribed divided into five for ease of reference: correspondence on *Bison betularia*, especially the prevalence of *carbonaria* forms.
- H.46 1984, 1992-1993. Correspondents include A. Surlykke and W. Traut.
- H.47 1994-1995. Chiefly correspondence with B. Grant.
- H.48 1996. Includes draft of 'Parallel rise and fall of melanic peppered moths in America and Britain' by Clarke, B. Grant and D.F. Owen, and newspaper cuttings from the *New York Times* *re* the work on the melanic peppered moth, 12 November.
- H.49 1997. Chiefly correspondence with B. Grant.
- H.50 1998. Chiefly correspondence with B. Grant.
- H.51, H.52 **'Ceylon'** 1980-1982
Contents of Clarke's folder so inscribed divided into two for ease of reference.
Clarke visited Sri Lanka in the later 1970s. He kept in touch with medical developments on the island with three 'Letters from England' published in the *Ceylon Medical Journal*, 1980, 1981 and 1982, and by encouraging the transmission of specialist journals to the country.
- H.51 Correspondence, 1982.

Correspondence

- H.52 'Letter from England', *Ceylon Medical Journal* vol 25 (1980); 'Letter from England II', *Ceylon Medical Journal* vol 26 (1981); draft of 'Letter from England [III]', 'sent to Sri Lanka 15/4/82', 6pp typescript.
- H.53 **'E.B. Ford papers'** 1988, 1989
Contents of Clarke's folder so inscribed: chiefly correspondence with the National Cataloguing Unit for the Archives of Contemporary Scientists, University of Bath *re* papers of E.B. Ford, 1988-1989.
- H.54-H.57 **'Japan - Asami'** 1992-1994
Contents of Clarke's folder so inscribed divided into four for ease of reference: correspondence with T. Asami *re* *Bison betularia* especially the *carbonaria* forms, 1992-1994. See also H.58, H.74.
Asami was based at the Tachikawa College of Tokyo, Japan.
- H.54 May, June 1992.
- H.55 July - November 1992.
- H.56 March - June 1993.
- H.57 July- August 1993, 1994.
- H.58, H.59 **'Japan'** 1992-1994
Contents of Clarke's folder so inscribed divided into two for ease of reference.
- H.58 1992-1993. Correspondence and papers *re* *Bison betularia*.
- H.59 1993-1994. Correspondence and papers *re* longevity in Japanese population groups.

Correspondence

- H.60-H.68 **'Old letters Machaon/Hospiton hybrids and saharae'** 1952-1996
- Contents of Clarke's folder so inscribed divided into nine for ease of reference: miscellaneous material, mostly *re Papilio machaon* and *Papilio hospiton*. Also includes personal correspondence and letters on other subjects.
- H.60 Correspondence with C.J. Hunt and A. Simmons *re Papilio machaon* and *Papilio hospiton*, 1953, and P.M. Sheppard 1955.
- Hunt went to Corsica to collect *machaon* and *hospiton* samples.
- H.61 Correspondence with widow and son of P.M. Sheppard, 1976-1987. Includes biographical information on Sheppard for Clarke's Royal Society Memoir.
- H.62 Correspondence 1978-1990. Includes 2pp typescript 'Observations concernant *Papilio hospiton*' by J. Fausser (in French).
- H.63 Correspondence 1991-1996. Includes letter from C.R. Smith with figures on DNA data on *P. machaon* etc.
- H.64 Colour photographs of *Papilio machaon mauretanicus*, *saharae* and others from North Africa. Sent to Clarke by R. Crnjar, ca 1991.
- 13 photographs.
- H.65 Colour photographs of *Papilio machaon saharae* from Morocco. Found in envelope inscribed 'Strootman's hybrids', ca 1993.
- 5 photographs.
- H.66 Two slides.
- H.67 Two sketch maps of area in Sardinia indicating site for collecting *hospiton* specimens.
- H.68 Cards with notes [?of slides for lecture at Lübeck], 20 December 1984.

Correspondence

- | | | |
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| H.69, H.70 | 'Sex Chromatin file' | 1966-1968 |
| | Contents of Clarke's folder so inscribed divided into two for ease of reference. | |
| H.69 | Correspondence with G.M. Haggett <i>re</i> his work on <i>Epirrhoe alternata</i> and <i>lacteata</i> moths, March - October 1966. | |
| H.70 | Correspondence with U. Mittwoch <i>re</i> sex linked genes in the lepidoptera, 1966, 1968. | |
| H.71 | 'Twins reprints' | 1972, 1988-1989 |
| | Contents of Clarke's folder so inscribed: miscellaneous correspondence <i>re</i> twins, including some offprints to which the correspondence relates. | |
| H.72 | 'Tylosis' | 1983-1995 |
| | Contents of Clarke's folder so inscribed: miscellaneous correspondence <i>re</i> tylosis and cancer. | |
| H.73-H.100 | CORRESPONDENCE ARRANGED ALPHABETICALLY | 1994-1998 |
| | Contents of Clarke's ring binder. The correspondence was arranged in alphabetical order with dividers for each letter. In some cases the correspondence filed under a letter have been subdivided by correspondent for ease of reference. | |
| H.73 | Ainley, R. G. | 1996-1998 |
| H.74 | Asami, T. | 1996-1997 |
| | <i>Re Bison betularia.</i> | |
| | See also H.54-H.57, H.58. | |
| H.75 | A. | 1996-1997 |

Correspondence

H.76	B.	1997
H.77	Clarke, B.C. Chiefly <i>re</i> memoir of E.B. Ford.	1995, 1997
H.78	Cronin, A. Chiefly <i>re P. dominula</i> .	1996-1998, n.d.
H.79	C.	1994-1998
H.80	D.	1997-1998
H.81	E.	1995-1998
H.82	Freeman, A. Alexandra Freeman was a D.Phil. student at Linacre College Oxford, who was working on <i>P. dardanus</i> for her thesis. See also D.31.	1995-1998
H.83	F., G.	1996-1997
H.84	Ha.	1995-1997
H.85	He.- Hu.	1996-1998

Correspondence

- | | | |
|------|---|-----------|
| H.86 | Judd, S. | 1994-1998 |
| | Judd was Curator of Entomology at the Liverpool Museum.
Correspondence <i>re</i> specimens from the Wirral Way, West Kirby, <i>P. dominula</i> colony accepted by the Museum (see also A.96A). | |
| H.87 | Liverpool Medical Institution | 1996-1998 |
| | Clarke was a Vice-President of the Institution's Appeal. The correspondence concerns the Appeal. | |
| H.88 | K., L. | 1996-1998 |
| H.89 | Majerus, M.E.N. | 1998 |
| | Majerus worked in the Cambridge University Department of Genetics.
Correspondence is chiefly <i>re</i> Majerus's book <i>Melanism</i> . | |
| H.90 | M. | 1997-1998 |
| H.91 | N.-P. | 1995-1998 |
| H.92 | Rudge, D.W. | 1997 |
| | Correspondence <i>re</i> Rudge's visit to the UK, 1997. | |
| H.93 | R. | 1997-1998 |
| H.94 | Sheppard, A. | 1995 |
| | Anthony Sheppard was the son of P.M. Sheppard, Clarke's friend and colleague at Liverpool. | |

Correspondence

H.95	Smith, D.A.S.	1997
	David Smith was Curator at the Natural History Museum at Eton College, Windsor, Berkshire.	
	Correspondence <i>re</i> collection of butterfly and moth specimens.	
H.96	S., T.	1996, 1997
H.97	Turner, J.R.G.	1997
	<i>Re</i> P.M. Sheppard's collection of butterfly specimens.	
H.98	Wright, R.I. Vane-	1996-1998
	Vane-Wright worked in the Department of Entomology, British Museum (Natural History).	
	Chiefly <i>re</i> applying molecular methods to <i>P. dardanus</i> .	
H.99	W.	1994-1997
H.100	Z. and unidentified	1994-1998
H.101-H.112	SHORTER CORRESPONDENCE	1953-1998
	Presented in chronological order. At H.112 is a little material relating to references and recommendations which has been separated from the main sequence for convenience.	
H.101	1953, 1964, 1971, 1973.	
H.102	1979, 1980.	

Correspondence

H.103	1981-1985.
H.104	1986-1989.
H.105	1991, 1992.
H.106	1993.
H.107	1994.
H.108	1995.
H.109	1996.
H.110	1997.
H.111	1998, n.d.
H.112	References and recommendations, 1993-1998.

SECTION J

NON-TEXTUAL MATERIAL

J.1-J.50

J.1-J.20	GLASS SLIDES
J.21-J.38	NEGATIVE FILM SLIDES
J.39-J.45	PHOTOGRAPHS
J.46-J.50	AUDIO, CINE AND VIDEO TAPE

Non-textual material

J.1-J.20

GLASS SLIDES

J.1-J.16	Lepidoptera
J.17-J.19	Medical
J.20	Other

J.1-J.16

Lepidoptera

1950s-1970s

J.1-J.15 Contents of Clarke's labelled packets of glass slides. The titles of the packets are reproduced in the catalogue entries. Some of the slides are individually labelled but many have lost their labels. Later 1950s - early 1970s.

J.1 'Alexanor'. 1 slide.

J.2 'Anchisiades'. 4 slides.

J.3 'Arion Large Blue'. 6 slides.

J.4 'Betularia & Moth Trap'. 15 slides.

J.5 'Bianor'. 3 slides.

J.6 'Dardanus'. 34 slides.

J.7 'Demodocus'. 8 slides.

J.8 'Eurymedon and hybrid'. 2 slides.

Non-textual material

- | | | |
|------------------|---|--------------------|
| J.9 | 'Glaucus etc' and 'Turnus, Glaucus, Rutulus, Troilus, Multicaudatus, Eurymedon, Philenor larvae + butterflies and tables'. | |
| | 9 slides glaucus, 1 slide rutulus, 3 slides multicaudatus, 1 slide philenor. | |
| J.10 | 'Hippocoon'. 2 slides. | |
| J.11 | 'Hypolimnas bolina'. 4 slides. | |
| J.12 | 'Memnon and hybrids'. 19 slides. | |
| J.13 | 'Memnon - Col. Eliot's butterflies. Esperia - Singapore. Achates with esperia patch Malay etc.'. 6 slides. | |
| J.14 | 'Natalica'. 2 slides. | |
| J.15 | 'Polytes and hybrids'. 12 slides. | |
| J.16 | 'Mimicry. Models and mimics'. | |
| | Wooden glass slide box so labelled. 50 slides. | |
| J.17-J.19 | Medical | 1960s-1970s |
| | Contents of Clarke's labelled packets of glass slides. The titles of the packets are reproduced in the catalogue entries. Some of the slides are individually labelled but many have lost their individual labels. ca 1960s-early 1970s | |
| J.17 | 'Penicillinase Spermatophore ecdysone'. 5 slides. | |
| J.18 | 'Rhesus'. 6 slides. | |

Non-textual material

J.19	Unlabelled. 6 slides.	
J.20	Other	N.d.
	Slides to illustrate lecture on the Leicester Medical Society. 9 slides.	
J.21-J.38	NEGATIVE FILM SLIDES	<i>ca 1960s-ca 1970s</i>
J.21-J.34	Lepidoptera	<i>ca 1960s-ca 1970s</i>
	These were found in Clarke's wooden or plastic labelled boxes. The principal components are four boxes with numbered and indexed slides.	
J.21-J.25	Indexed.	
J.21	'Box 1'. Slides of 'P. polytes, P. aristolocheae, P. hipponous, hipp/polytes hybrids'.	
J.22	'Box 2'. Slides of 'P. memnon, rumanzovia, coon, polyphantes, marie, philoxenes, atropus, annae, semperi, polydorus, ambrax, helenus, aegeus'.	
J.23	Box '3'. Slides of 'Memnon, Polytes'.	
J.24	'Box 4'. Slides of 'Memnon aegeus, McGill's B.M. slides, memnon models'.	
J.25	Similar box, unnumbered. Slides of 'Dardanus + relatives only'.	
J.26-J.34	Other boxes of slides.	
J.26	'Aegeus P. helenus'.	
J.27	'Aegeus etc'.	

Non-textual material

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|------------------|--|-------------|
| J.28 | 'M. Arion'. | |
| J.29 | 'Polytes'. | |
| J.30 | 'Tailed butlerianus'. | |
| J.31 | 'M.Gill's slides 1979'. | |
| J.32 | 'Dr Sheppard's butterflies Dardanus'. | |
| J.33 | 'David West's slides. Glaucus Nov. 1968'. | |
| J.34 | 'Colour transparency of 14047 [Female 27] Yellow glaucus' from injected pupa + slide of 14013 hybrid [female]'. 3 slides. | |
| J.35-J.37 | Medical | N.d. |
| J.35 | Slide box with three compartments, a, b. and c. Clarke's original loose labels have been reproduced in the catalogue entry.

'a' is used for slides of 'Rhesus and ASB'.

'b' is used for slides of 'Neurology for Kuru' (slides 1-9) and 'Nail patella' (slides 12-17).

'c' is used for slides of 'China and mylosis'. | |
| J.36 | 'Social/Class'. Mostly slides of tables. | |
| J.37 | 'Slides from Dr Tunbridge re diabetes survey. CAC has 2 at home'. | |

Non-textual material

J.38	Other	1978
J.38	Box of slides labelled 'China'. From visit to China in 1978. See F.2-F.5.	
J.39-J.45	PHOTOGRAPHS	ca 1950s
	<p>The material is the contents of Clarke's large envelope inscribed 'Large Blue. Photographs' . Most identified on verso.</p> <p>Some of these photographs are identified as having been taken by W. Lee, University of Liverpool.</p>	
J.39	Four photographs of ants carrying off <i>M. alcon</i> larva.	
J.40	Three photographs of ants with <i>M. arion</i> larva.	
J.41	Three large scale photographs of ants with larva.	
J.42	Photograph of <i>M. arian</i> from Cotswolds, 1950 and 1951.	
J.43	Two photographs of 'Arian larva on thyme' and 'Male arian', July 1954.	
J.44	Photograph of 'Arian country'.	
J.45	Large-scale photograph of butterfly hybrids, possibly for poster exhibition.	

Non-textual material

J.46-J.50	AUDIO, CINE AND VIDEO TAPE	1940s-1970s
J.46	16mm cine colour documentary labelled on container 'Butterfly Discovery', <i>ca</i> late 1960s or early 1970s. Features Clarke and P.A. Sheppard describing how work on mimicry in butterflies helped find a cure for rhesus disease in babies.	
J.47, J.48	Two magnetic recording tapes used by Clarke for dictating letters on medical, lepidoptera and other subjects. N.d. although J.47 is dated inside box '25-4-55' and J.48 has a reference to J.B.S. Haldane (died 1964). Retained in original boxes.	
J.49	VHS video-tape of Yorkshire TV colour documentary in 'Discovery' series titled 'Butterfly and Baby', <i>ca</i> late 1960s or early 1970s. 26 minute film. Features Clarke and Sheppard.	
J.50	VHS video-tape of monochrome 10 minute film on 'Deficiency Disease in Prisoners of War'. Made at Royal Naval Hospital, Sydney, Australia, <i>ca</i> late 1940s.	

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