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John Innes Foundation Historical Collections

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John Innes Foundation Historical Collections

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List of significant collections housed in the John Innes Archives

Note about changes to corporate name

There have been three changes to our corporate name:

John Innes Horticultural Institution 1910-1960

John Innes Institute 1960-1994

John Innes Centre 1994-

Therefore, when referring to the institute at any point in its history, it is usual to use the familiar term "the John Innes".

Catalogues

Basic lists and catalogues exist for certain collections; others are in progress and these will conform to new cataloguing standards e.g. ISAD (G).

CORPORATE COLLECTIONS

- **John Innes Company Archives 1910-**

Minutes and other papers of the meetings of the Trustees of the John Innes Foundation (formally known as John Innes Charity), John Innes Council meetings, papers for ARC/BBSRC Visiting Groups, John Innes Symposia. Also staff records, accounts etc.

Material is also held from the following which have either been incorporated within or form a close alliance with the JIC:

- **Plant Breeding Institute (PBI) c. 1928-1993**

In 1990 the non-privatised part of PBI moved to Norwich as the Cambridge Laboratory. Annual reports, correspondence, administrative papers, photographic collection.

- **Virus Research Unit (VRU), formerly known as Potato Research Station, 1952-1979**

Correspondence, papers, photographic collection.

- **Sainsbury Laboratory (SL) c.1987-**

Correspondence, administrative papers.

- **Nitrogen Fixation Laboratory (NFL) 1966-87,**

Formerly the Unit of Nitrogen Fixation (UNF). From 1999 NFL has been split into two departments: Molecular Microbiology and Biological Chemistry.

Correspondence, administrative papers.

General history 1910-

Historical material relating to the development of the John Innes Centre on its three sites, Merton, Bayfordbury and Colney and other associated material including:

- ♦ Manor Court records
- ♦ Correspondence
- ♦ Photographs of individuals, plants used in research and buildings
- ♦ Maps and plans
- ♦ Awards for research, fruit-breeding and shows e.g. Chelsea.
- ♦ Audio-visual section including oral history material.
- ♦ Printed histories and other leaflets
- ♦ Lecture and seminar notices

Also material relating to special plant collections previously housed at the John Innes:

National Rose Collection (Bayfordbury)

Papers 1947-1952, 1961

Correspondence, species notes and records.

PERSONAL & RESEARCH COLLECTIONS

There are many collections relating to individuals associated with the history of the John Innes Centre, including directors and research scientists. These collections relate to various research programmes on arabidopsis, antirrhinum, cereals, brassicas, fruit-breeding, potato genetics etc.

Format of list

The following details are included for each collection entry:

- Name of individual with personal dates
- Name of collection (if used) and/or dates of papers
- Identification of scientist
- Posts held during career
- Contents of collection
- Availability of catalogue
- Other related publications

William Bateson (1861-1926) FRS

William Bateson Letters 1883-1926

Geneticist

Posts as Deputy Professor of Zoology, Reader in Zoology, Professor of Biology, Cambridge, 1899-1908, First professor of Genetics, Cambridge 1908-1910; First Director of the John Innes Horticultural Institution, 1910-1926.

Correspondence, notebooks, diaries, articles, specimens. Includes correspondence with his wife, Beatrice Bateson and other scientists and geneticists including: Erwin Baur (1875-1933); Francis Galton (1822-1911); Julian Huxley (1887-1975); Thomas Hunt Morgan (1866-1945)

A database of brief entries is available.

George Douglas Hutton Bell (1905-1978)

George Douglas Hutton Bell Papers 1928-1978

Botanist

Director of PBI 1948-1971

Includes lecture notes, reprints of papers by GDH Bell, Plant Breeding Institute (PBI) material, Royal Society papers, photographs and slides of barley, wheat, sugar beet, oats and potatoes.

Catalogue available.

Andrew Gavin Brown (1910-1987)

A Gavin Brown Collection 1925-1987

Fruit breeder

John Innes 1930-1975

Papers and photographs on fruit-breeding research at JI including apples, pears, cherries; also some personal papers.

New catalogue available.

Joseph Chatt (1914-1994) FRS

Papers c.1950-1980

Chemist

First director of the Unit of Nitrogen Fixation, Sussex 1963-80.

Correspondence, ICI reports, photographs, chemical samples.

Dr. Albert Charles Chibnall (1894-1988) FRS

Papers c. 1940s.

Biochemist

Sir William Dunn Professor of Chemistry, Cambridge

Papers and reprint collection.

Reginald John Chittenden (1901-1950)

Papers 1922-1926.

Geneticist

Ji 1922-26, worked on *pelargonium* etc.

Notebooks on genetics and cytology of pigeons, protozoa, roses, etc.

Benjamin Morley Crane (1893-1983)

Papers c. 1914-1952

Pomologist

Ji 1911-1953, Head of Pomology Department, Ji 1934-1952, Deputy Director 1950-1953

Fruit-breeding research papers.

Cyril D Darlington (1903-1981) FRS

Papers c. 1923-1971

Cytologist, botanist

Director of John Innes 1939-1953; Sherardian Professor of Botany, Oxford 1953-71.

Correspondence, research papers, manuscripts, lecture slides. Also personal library.

Dr. Kenneth Sydney Dodds (1912-?)

Papers 1959-1963

Geneticist

Lecturer in Botany & Genetics, Imperial College of Tropical Agriculture, Trinidad 1937-47, Professor of same 1947-49; Potato Genetics Research Station, Cambridge 1949-51, Director 1951-4; Director of JI 1954-1966; FAO Turkey 1966-?

Correspondence and research papers on *pisum* and potatoes, including expedition to Bolivia 1963.

Prof. Richard B Flavell CBE, FRS

Papers 1988-1998

Scientist

Director of the John Innes Institute 1988-1998; Chief Scientific Officer, Ceres, California 1998-.

Correspondence, manuscripts for talks and lectures, 1988-1998.

Sir Alfred Daniel Hall (1864-1942) FRS

Papers 1927-1939.

Scientist

Director of Rothamsted Experimental Station, 1902-12; Director of John Innes Horticultural Institution 1927-1939

Correspondence, research papers, manuscripts and drawings for work on *Tulipa*.

Sydney Cross Harland (1891-1982) FRS

Harland Collection 1897-1965

Botanist and geneticist

Professor of Botany and Genetics, Imperial College of Tropical Agriculture Trinidad, c.1920s-35; State Cotton Industry, Brazil, 1936-1941; Director of Institute of Genetics, Peru, 1940-9; Reader in Genetics and Professor of Botany, Manchester University 1949-58.

Includes: Correspondence 1935-1955; Scientific notebooks 1927-34, 1953-7; Peru cotton data c. 1943-6; notes and manuscripts for lecture courses 1953-4; publications and other reprints on cotton, 1897-1965.

List of papers available.

Brian J Harrison (1923-1997)

Brian J Harrison Papers 1944-1983

Geneticist

John Innes 1941-1983

Correspondence, research papers, manuscripts on seed storage and *Antirrhinum*, slides, reprint collection.

Prof. Joseph Burt Hutchinson (1902-1988) FRS

Hutchinson Collection 1940s-60s.

Cotton geneticist and agricultural policy

Trinidad 1920s-33; Institute of Plant Industry, Indore 1933-1937; Trinidad again 1937-1944; posts in Uganda, Sudan; Drapers' Professorship of Agriculture, St. John's College, Cambridge 1957-69; Trustee, John Innes Foundation, 1965-1981

Manuscripts, reprints and book collection on cotton (*Gossypium*).

Innes Family

Papers 1820s-1904

- **John Innes senior (1768-1869)** West India Merchant

Correspondence, addresses to Parliament 1820s, diary 1849-1866

- **John Innes (1829-1904)**, business man, founder of John Innes Horticultural Institution

Correspondence 1840s-1904; business papers; diaries, notebooks, photographs, will.

- **James Archibald Innes (1875-1948)**

Correspondence to his sister, Agnes Caroline (Cara) (1874-1971), during Boer War, 1899-1902.

Prof. Roy Markham (1916-1979) FRS

Papers 1950-1979

Scientist

Director of John Innes 1967-1979

Correspondence at Virus Research Unit 1950-67; correspondence, manuscripts and papers at John Innes 1968-79.

Gwynfryn Ellis Marks (1928-)

Papers c.1950s-81

Cytologist

Potato Genetics Station Cambridge; JI 1948-52, 1955-1984.

Research notes and scientific notebooks on *pisum*, *lathyrus*, *rubus*, correspondence, slides; collected papers and reprints.

Box list of files and slides available

Sir Kenneth Mather (1911-1990) FRS

Papers 1932-1987

Geneticist

Jl 1931-33; UCL 1934-37; Pasadena, California 1937-38; Jl 1938-48, Head of Genetics Dept., Jl 1939; Chair of Genetics, University of Birmingham 1948-65; Vice Chancellor, Southampton University 1965-71; Honorary Professor, Birmingham 1971-90

Research papers on *drosophila*; notes and manuscripts, lecture notes, correspondence, reprints, personal ephemera

Catalogue available of papers donated to the Genetical Society (includes subject index).

Peter Matthews (1928-)

Papers c. 1950s-88.

Pathologist, geneticist, Jl 1947, 1952-1988.

Research notes, papers, slides on cherries, pisum etc.

Catalogue of papers in progress.

Katherine (Kitty) Audrey Plaskitt (1932-)

Papers 1932-92

Biologist

Virus Research Unit, Cambridge; Jl 1968-1992, Ultrastructural studies, then Cell Biology

Correspondence, diaries, research notes, photographs, reprints on maize, *arabidopsis*, viruses.

Ronald Alfred Silow (1908-1990)

Ronald Alfred Silow Collection c.1962-1990

Geneticist

Correspondence, articles, news cuttings

List of files available

Kenneth Manley Smith (1892-1981) CBE, FRS

Papers c.1938-47

Virologist

Potato research at Manchester University, 1920-27; Potato Virus Research Station, Cambridge 1927-39; Director of Virus Research Unit 1939-59, Cambridge; after retirement, posts funded by ARC & in USA 1959-62; Visiting Professor, University of Pittsburg, USA 1962-64, Visiting Professor, University of Texas, 1964-69

Notes on biochemistry course, Cambridge (1930s) and notes on aphids (1946); correspondence and research notes from work at VRU

Harold William Woolhouse (1932-1996)

Papers c.1951-1989

Scientist

Leeds; Director of John Innes Institute, 1980-1987; Director of Waite Institute, Adelaide Australia 1987-1996.

Correspondence, administrative papers, lecture notes, research papers.

FURTHER SCIENTIFIC COLLECTIONS INCLUDE:

- **John Innes Reprint Collection c.1750s-1960s**
Significant collection of scientific reprints on subjects ranging from genetics, cytology, taxonomy, zoology etc.
- **Scientific Notebooks c. 1910-1980s**
Research notes from various departments all three sites, Merton, Bayfordbury and Colney

OTHER COLLECTIONS NOT RELATED TO JIC

Barrie Burnet (?)

Barrie Burnet Reprint Collection c. 1900-1980s

Geneticist, book collector

Molecular Biology, University of Sheffield; studied at JI ?, adviser on JIF History of Genetics Collection

Reprints on drosophila, microbiology etc from the collections of Sir Ronald A Fisher, Prof. Julian Huxley, JA Roper

William Henry Flower (1831-1899)

William Henry Flower Letters 1862-1908

Zoologist

Collection includes letters from Charles Robert Darwin, Alfred Wallace (1823-1913).

The Genetical Society

Papers 1919-

Minutes, correspondence, accounts, photographs, publications.

Housed at the John Innes Centre on behalf of the Genetical Society.

Catalogue in progress.

Herman J Muller (1890-1967)

Material collected on BBC Open University Course, Jan 1980 – correspondence, papers, photographs, tapes

Muller was awarded the Nobel Prize for Physiology of Medicine in 1946 for his discovery of the use of X-rays to induce genetic mutations. Concerned about the effects of radiation, he advocated the use of sperm banks to preserve and maintain the human gene pool.

Jean S en ebier (1742-1809)

Jean S en ebier Collection 1776-1807 [see following list.]

Botanist

First demonstrated that green plants convert carbon dioxide to oxygen under influence of light.

Papers and correspondence with Charles Bonnet, Lazzaro Spallanzani and PF Tingry.

Basic list available.

Sénébier Collection

(Donated by Dr. A.Cock.)

- Williams, J.E.M. Dissertation for M.Sc., November 1965,
(typed and bound). Paper by J.E.M.Williams, January 1974,
(typed). Correspondence with Dr.M.R.Earles. Catalogue-
List. one envelope. *John E. R. ...* (1)
- Spallanzani, Lazzaro. Letters to Charles Bonnet. Three letters,
1775-6. (Originals in Geneva). Photocopies of published
transcripts. (blue folder). (2)
- Sénébier, Jean. Letters from J.Sénébier to P.F.Tingry.
Two letters, 1797 (Geneva). Typed MSS. (grey folder) (3)
- Sénébier, Jean. Photocopies of MS. letters from J.Sénébier
to P.F.Tingry (Geneva), 28.1.1794 to 8.10.1797. 12 letters
plus duplicates and poor copies of same. (1 envelope). (4)
- Sénébier, Jean. Photocopies of MS. letters from J.Sénébier
to Charles Bonnet. 12.9.1789 to 28.7.1792. 14 letters
plus duplicates and poor copies of same. (1 envelope). (5)
- Spallanzani, Lazzaro. Letters from Spallanzani to J.Sénébier,
1776-1798. 130 letters. Photocopies of published transcripts.
Originals divided between Geneva and Reggio. (6)
- Sénébier, Jean. Letters from J.Sénébier to Charles Bonnet.
50 photocopies of MS. 50 typed transcripts of the same, plus
3 duplicate photocopies, 1772-1787-originals in Geneva.
(1 envelope.) (7)
- Sénébier, Jean. Letters to L.Spallanzani, in Biblioteca
Municipale di Reggio nell'Emilia. Contents: 64 letters,
1776-1790, photocopies of MS. Envelope 1 of two split by
A.G.Cock. (8)(a)
- Sénébier, Jean. Letters to L.Spallanzani in Biblioteca
Municipale di Reggio nell'Emilia. Contents: 59 letters
1790-98. Photocopies of MS. Envelope 2 of 2. 6 crumpled
sheets at back may have been misplaced by A.G.Cock. (8b)
- Sénébier, Jean. Photocopies of manuscripts relating to
Sénébier from Bibliothèque Publique et Universitaire,
Genève. One red spiral bound book. (9)
- Ingenhousz, Jean. Published photocopies of papers, 1779-1789.
One envelope. (10)
- Conn, H.J. Photocopies of 9 published papers on the
history of staining by H.J.Conn, S.I.Kornhauser and
J.R.Baker, 1928-30. One green folder. (11)

Senebier Collection (continued)

- Miscellaneous Authors. Photocopies of published papers and letters by miscellaneous authors, 1773-1919 (including: de Saussure, Morveau, de Souley, de Humboldt, Voucher, Gibson and Mme. de V***). One envelope. (12)
- Sénébier, Jean. Photocopies of published papers and letters, 1776-1802. One envelope. (13)
- Williams, J.E.M. Sénébier. One folder.
- Sénébier, Jean. Manuscripts in the Bibliothèque Publique et Universitaire, Genève. Two microfilms in square box.
- Sénébier, Jean. Letters from Sénébier to L. Spallanzani, 1776-1798, Emilia-Reggio. One round tin.