This collection contains the personal research, writings and bibliographies of Professor F. J. Cole including some commemorative items and a large collection of photographic material produced through his work.

The Collection covers the year’s c.1890-1958.

The physical extent of the collection is 25 boxes and 1 oversize item.

This material was deposited with the Cole Library which was purchased by the University around 1960.

Arrangement:

MS 5315/1 Academic Writings
MS 5315/2 Personal Papers
MS 5315/3 Bibliographies and Indexes
MS 5315/4 Photographic Records

MS 5315/1 Academic writings
This series contains Cole’s research notes, draft manuscripts, photographic material, sketches, finished proofs and printing blocks for a number of his major research publications. There are a number of sub-series gathering together material on Cole’s major study of myxinoid fish, his work on Leeuwenhoek and his History of Comparative Anatomy.

46 files, 2 envelopes, 5 volumes, 29 printing blocks, 3 glass negatives

MS 5315/1/1 Material relating to Professor Cole’s study of myxinoid fishes
This sub-series contains draft notes and notebooks, drawings, photographs and sketches.

23 files
Publication Note:
A monograph on the general morphology of the Myxinoid fishes based on a study of Myxine / by Frank J. Cole, London : Williams and Norgate, 1905, (COLE--152F/10)
<table>
<thead>
<tr>
<th>MS 5315/1/1/1</th>
<th>Notebook entitled ‘Myxine General introduction: historical introduction’</th>
<th>Undated [c.1905-1915]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 notebook</td>
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<tr>
<td>MS 5315/1/1/2</td>
<td>Notebook entitled Myxine General introduction: classification, synonymy (p.6), geographical distribution</td>
<td>Undated [c.1905-1915]</td>
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<td>1 notebook</td>
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<tr>
<td>MS 5315/1/1/3</td>
<td>Notebook entitled Myxine: Literature I</td>
<td>Undated [c.1905-1915]</td>
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<td></td>
<td>1 notebook</td>
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<tr>
<td>MS 5315/1/1/4</td>
<td>Notebook entitled Myxine: Literature II</td>
<td>Undated [c.1905-1915]</td>
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<td>1 notebook</td>
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<tr>
<td>MS 5315/1/1/5</td>
<td>Notebook entitled Myxine Alimentary canal and appendages, thyroid</td>
<td>Undated [c.1905-1915]</td>
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<tr>
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<td>1 notebook</td>
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<tr>
<td>MS 5315/1/1/6</td>
<td>Notebook entitled, Myxine: Blood and lymph systems</td>
<td>Undated [c.1905-1915]</td>
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<tr>
<td></td>
<td>1 notebook</td>
<td></td>
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<tr>
<td>MS 5315/1/1/7</td>
<td>Notebook entitled Myxine: Skin and its appendages, slime sack, tentacles</td>
<td>Undated [c.1905-1915]</td>
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<td>1 notebook</td>
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<tr>
<td>MS 5315/1/1/8</td>
<td>Notebook entitled Myxine: Osteology and teeth</td>
<td>Undated [c.1905-1915]</td>
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<tr>
<td></td>
<td>1 notebook</td>
<td></td>
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<tr>
<td>MS 5315/1/1/9</td>
<td>Notebook entitled Myxine: Nervous system</td>
<td>Undated [c.1905-1915]</td>
</tr>
<tr>
<td></td>
<td>1 notebook</td>
<td></td>
</tr>
</tbody>
</table>
MS 5315/1/1/10 Notebook entitled, ‘Myxine: Sense organs’
1 notebook
Undated [c.1905-1915]

MS 5315/1/1/11 Notebook entitled, ‘Myxine: Myology’
1 notebook
Undated [c.1905-1915]

MS 5315/1/1/12 Notebook entitled, ‘Myxine: Reproductive organs, spawning’
1 notebook
Undated [c.1905-1915]

MS 5315/1/1/13 Notebook entitled, ‘Myxine: General Introduction: Habits’
1 notebook
Undated [c.1905-1915]

MS 5315/1/1/14 Notebook entitled, ‘Myxine and Bdellostoma: List of species and varieties with their habitats’
1 notebook
Undated [c.1905-1915]

MS 5315/1/1/15 Notebook entitled, ‘Myxine: Kidney system’
1 notebook
Undated [c.1905-1915]

MS 5315/1/1/16 Original drawings, for plates for Professor Cole's monograph on the general morphology of myxinoid fishes published in Part I, in 1905, in the Transactions of the Royal Society of Edinburgh. The envelope that originally housed the drawings was annotated with "Original Figures Myxine- Prt 1 - Osteology 18 figs", by Professor Cole. The annotated drawings are both in colour and black and white and they include instructions to the lithographers, they are on card with a paper cover sheet.
18 drawings
Publication note:

Undated [c.1905]
Rough sketches and photographs, for plates for Professor Cole’s monograph on the general morphology of myxinoid fishes published in Part I, in 1905, in the Transactions of the Royal Society of Edinburgh. The envelope which originally housed the drawings was annotated with "Myxine Rough sketches for figs in Parts I & III The SKELETON figs 1-18 Part I, Figs 1-2 Part II" by Professor Cole. However the contents from the envelope all seem to be for figures 1-18 from Part I. The drawings and photographs show different versions of some of the figures and illustrate how these types of scientific drawings are created. There is also some kind of conversion scale written out possibly for microscope readings.

25 items
Publication Note:

Sketches, for plates 1-14 of Professor Cole’s monograph on the general morphology of myxinoid fishes published in Part II, in 1907, in the Transactions of the Royal Society of Edinburgh. The sketches are annotated and are in both colour and black and white. There are a number of versions of figure 1, plate 1 which show the development of the drawing from the original sketch, through a number of proofs annotated by Cole to a finalised version of the plate. The envelope which originally held the drawings was annotated with "Original sketches of Myxine Drawings Part II Muscles Figs 1-14" by Professor Cole.

14 drawings, 7 proofs
Publication Note:
Notebooks entitled "Myxine notes"  
MS notes and sketches by Professor Cole on Myxine fish. The notes are written on University College, Reading examination booklets and old timetables. The examination candidates' answers are on the reverse of Professor Cole's notes.

4 notebooks

Notes by A. Klinckowström on the blood vessels of Myxine, entitled "Anteckningar i Myxines Angiologi" with original colour drawings for four plates, five loose original drawings, and a letter dated 31st July 1905 from Klinckowström.

1 folder

Nine notebooks detailing Professor Cole's translation of the explanation of the plates within Johannes Müller's Comparative Anatomy of the Myxinoids, published in five parts. These notes are for Part 1 and have been written in examination notebooks for The Victoria University and have been titled "Müller Myxinoid Plates, 1-9". The notebooks were originally held in an envelope which was annotated with "Müller Myxinoiden Translation of explanation of plates Part I Osteology and Myology".

9 notebooks  
Publication Note:  
*Comparative Anatomy of the Myxinoids, parts 1, 4 and 5, translated into English by F J Cole*, (COLE 380Q and 262Q)

Folder containing drawings, papers and sketches Manuscript notes and preparatory drawings for Professor Cole's study of Myxine fish. Originally held in an envelope annotated with "Odd Myxine papers, sketches and drawings" by Professor Cole

1 folder

Drawings and sketches of the blood supply of the kidneys and the positioning of the slime sacks of Myxine in colour and black and white and with annotations. The drawings were originally held in an envelope annotated with "Myxine: odd drawings and notes not yet published" by Professor Cole.

Undated [c.1905]
1 folder (4 items)

**MS 5315/1/2**  
**Papers for a study on cranial nerves and lateral sense organs of fishes**  
Undated [c.1898]

Original sketches, tracings and proofs of plates, with notes to the lithographer for Plates 21, 22 and 23. Two of the large drawings for Plates 21 and 22 are on board which has been re-used and has part of a drawing on the reverse they have a cloth covering to protect them. Smaller drawings for figures 3 and 4 for Plate 23 are on board with a tissue paper covering. There are proofs for the 3 plates and a number of sketches and tracings. The drawings are in colour and black and white. The papers were originally held in brown paper which had an address label from McFarlane & Erskine, Printers and Lithographers, 14 and 19 St James Square, Edinburgh to F J Cole Esq, 695 Wandsworth Road, Clapham, London, dated 2 Sep 1898 and annotated with "Drawings, proofs, tracings, wood-cut proofs for Cod paper" by Professor Cole.

Publication Note:  

**MS 5315/1/3**  
**Drawings for illustrations to accompany an article on the cranial nerves of Chimaera monstrosa**  
Undated [c.1896]

Original drawings of figures 1-5  
These drawings were not located during the cataloguing project

Publication Note:  
*On the cranial nerve(s) of Chimaera monstrosa (Linn. 1754): with a discussion of the lateral line system, and of the morphology of the Chorda tympani*, by Frank J Cole, Demonstrator and Assistant Lecturer in Zoology, University of Liverpool, communicated by Professor Ewart (with two plates), Transactions of the Royal Society of Edinburgh, vol. XXXVIII, pt. 3, no. 19, pages 631-680, 1896
**MS 5315/1/4**  
**Drawings, sketch layouts and proofs for illustrations to accompany an article on British marine plants and animals**  
Original drawings of figures 1-19, 23-31, sketch layouts of plate’s I-IV with instructions to the lithographers, and proofs of plate’s I-IV and VI.  
1 folder  
Publication Note:  
Undated [c.1901]

**MS 5315/1/5**  
**Drawings for a plate to accompany an article on Rhabdite 'cells'**  
Layout of black and white drawings on card of figures 1-7 for a plate entitled "Rhabites in Cephalodiscus".  
1 envelope (1 item)  
Publication Note:  
Undated [c.1899]

**MS 5315/1/6**  
**Photographs of plates to accompany an article on Swammerdam's, Biblia Naturae**  
Photographs of 5 of the plates in Jan Swammerdan's "Biblia Naturae" published in 1737-1738, with explanatory notes (ts) about the plates which were to be reproduced in a paper by F. J. Cole. There are also 3 glass negatives for Plates 2, 3 and 5 and printing blocks for Plates 1-5.  
1 folder, 3 glass negatives, 5 printing blocks  
Publication Note:  
Undated [c.1938-c.1950]

**MS 5315/1/7**  
**Papers relating to Professor Cole's work on Leeuwenhoek**  
Notes and transcripts of Leeuwenhoek's letters, corrected typescripts and manuscripts, photographs and printed ephemera  
6 folders; 1 envelope; 1 volume  
Undated [c.1932-c.1958]
Notes about Leeuwenhoek's letters arranged chronologically with a few transcripts of the letters, there are a number of authors involved in the study of the letters although the majority of the notes appear to be in Professor Cole's handwriting. There are a number of letters within the notes from Clifford Dobell, R Winckworth, (Assistant Secretary, The Royal Society), F J H Mendels (Assistant, Leeuwenhoek Commission).

2 folders

Corrected typescript of part I and manuscript and corrected typescript of part II (bibliography and analytical index) of Professor Cole's work on Leeuwenhoek's Zoological Researches. Manuscript tables of Leeuwenhoek's published letters and a manuscript Index to the letters, corrected versions of a bibliography and corrected versions of the Notes.

3 folders

Publication Note:

Photographs (13) and proofs of images (5) for an unidentified paper on Leeuwenhoek, some of the images are numbered Figs 1-4, 6, 8-15 in red, including images of a medal with a portrait of Leeuwenhoek, Lyonet's dissecting microscope and anatomical illustrations; a leaflet advertising Agarol Brand Compound which details information about Leeuwenhoek and his microscopic lenses, and a picture postcard showing an amputation scene dating from 1660 which is shown in a window in the Bodleian Library, the card has a message on the back dated Christmas 1950. All originally in an envelope marked "Leeuwenhoek".

1 folder

Notes on Leeuwenhoek's letters originally housed in a small folder inscribed "Huygens' letters Clifford Dobell's notes". Each letter has an individual sheet recording any publication information, location of original letter if it exists and location of any extracts or copies.
MS 5315/1/7/5  Notebook entitled Leeuwenhoek  Undated  [c.1932-c.1958]
This notebook begins with a table recording the letter number, the date of the letter, the publication of various versions of the letter, notes and other publications and the date the letter was first published. Then follows notes of each letter, a table recording a year, the age of Leeuwenhoek in that year, and which letters he wrote in that year, and finally there is a subject index to the letters.

1 volume

MS 5315/1/8  Photographs of pages from Disquisitio de Xiphia, sive Gladio..., by Philippo Jacobo Hartmann, 1693  Undated
Reversed photographs of title page, pages 1-22, unnumbered page and plate. Originally in an envelope addressed to F C Padley Esq.

1 folder

MS 5315/1/9  Notebooks inscribed "Classification adopted in History of Zoology"  Undated
One of the notebooks contains the introductory note: "This classification is a simple working arrangement, and does not pretend to conform with modern practice. It would be difficult to fit any up-to-date scheme into an historical treatise".

2 notebooks

MS 5315/1/10  Papers relating to Professor Cole's history of comparative anatomy  Undated  [c.1915-c.1949]
Annotated typescript, photographs and a notebook of bibliographical references

5 folders
Publication Note:

MS 5315/1/10/1  Annotated typescript of A History of Comparative Anatomy  Undated  [c.1944]
2 folders

**MS 5315/1/10/2**  
Annotated photographs
Set of annotated black and white photographs for some of the figures used to illustrate a history of comparative anatomy. Figures 21, 58, 77, 83, 107, 116, 130, 173, 184, 199, and 200 are not represented. Some of the figures have more than one copy of the photograph. There is also a bundle of photographs (37 items) that were apparently not used in the publication.

2 folders

**MS 5315/1/10/3**  
Notebook labelled "History Comparative Anatomy I"  
Notebook of bibliographical references for a history of comparative anatomy. Also contains a loose set of notes.

1 folder (1 notebook, 1 set of loose papers)

**MS 5315/1/11**  
Drawings for plates for unidentified works

1 folder (6 items)

**MS 5315/1/11/1**  
Drawing of a flow chart of a blood system  
Includes instruction for the printer. The chart is on card and has a cover which has been re-used from a Higher School Examination paper which has been stamped with a date of 28 Feb 1922. The back of the drawing is annotated "F J Cole Transactions".

1 drawing

**MS 5315/1/11/2**  
Drawing of Eustomias Dinematochirus sp. (fissibarbis?) Fig 17

1 drawing

**MS 5315/1/11/3**  
Drawing of [?...mias] bituberatus

1 drawing

**MS 5315/1/11/4**  
Drawing of Photostomias guernei

1 drawing
MS 5315/1/11/5  Drawing of Idiacanthus panamensis  Undated

1 drawing

MS 5315/1/11/6  Drawing of Bathophilus nigerrimus  Undated

1 drawing

MS 5315/1/12  Notes for and manuscript of The History of Anatomical Injections  Undated

Typed bibliography of references consulted by Cole, detailing author, title of work and date. Set of rough notes on each book consulted by Cole and a draft manuscript of The History of Anatomical Injections by F. J. Cole.

2 folders
Publication Note:

MS 5315/1/13  Notes for a study on early theories of sexual generation  Undated

Set of rough notes on the books consulted by Cole for this study. A letter from Monsieur J. B. Gêze, from the Academie des Sciences et Lettres de Montpellier, dated 10 August 1928 about two biographies of Francois de Plantade. Two reprints of a letter by M. Dalenpatius reprinted by Cole from two different publications one dated May 1699, and a letter from Clifford Dobell dated 12 January 1929, thanking Cole for sending a copy of the reprint and further discussing this work. One page of an incomplete letter from Clifford Dobell. A hand-drawn chart showing instances of written studies on theories of sexual generation from 1600 to 1870.

2 folders
Publication Note:

MS 5315/1/14  Notes for and manuscript of the Historical Introduction to a book on the anatomy of the salamander  Undated

The notes are arranged alphabetically by author and detail the title of each work consulted and any
There is a draft manuscript of Professor Cole’s historical introduction to the book and a letter from Kenneth Sisam of The Clarendon Press, Oxford, dated 25 May 1933 discussing the production of the book.

MS 5315/1/15 Papers for a study of Albrecht Dürer’s rhinoceros in zoological literature
Notes, a draft manuscript and annotated typescript of a study of Albrecht Dürer’s Rhinoceros in zoological literature. Includes 9 photographs for plates, an explanation of some of these plates and letters from The Worshipful Society of Apothecaries of London, (13 July 1949), A. M. Hind, Department of Prints and Drawings, British Museum, (28 October 1944 and 14 November 1944), Eric MacLagan, Victoria & Albert Museum, London (4 January 1945) regarding images of Rhinoceros and a letter from E Ashworth Underwood the editor of the book, dated 20 December 1948.

MS 5315/1/16 Notebook on a variety of subjects including Chemistry; French; Physics; History; Latin
Notes and drawings made by F J Cole and including cuttings of articles on a variety of subjects and 2 photographs of specimens. In the middle of the notebook there appears to be a shelf list of books.
**MS 5315/1/17**  
Notebook entitled no.6: Laboratory Notes Advanced  
Undated

Bound notebook embossed with University of Edinburgh coat of arms on the front containing F J Cole's notes and drawings. The spine has come detached from the volume; there is some staining of the drawings due to the deterioration of the glue used to fix them to the pages.

1 volume

**MS 5315/1/18**  
Wooden printing blocks  
Undated [c.1938]

A note with the blocks informs us that these blocks were commissioned by Professor Cole, in order to produce a hundred copies of a facsimile of Observationes Anatomicae Selectiores Amstelodamensium, which was printed by Robert Gibbings, in the Department of Fine Art, University of Reading.

21 blocks  
Publication Note:  

**MS 5315/2**  
Personal papers  
1939 - 1947

This series contains commemorative material received by Cole during his life.

1 folder, 1 envelope

**MS 5315/2/1**  
Printed greeting to Professor Cole on his 75th birthday  
3 Feb 1947

Two copies of the greeting to Professor Cole, one of which is signed by 14 former students.

1 envelope (2 items)

**MS 5315/2/2**  
Address to Professor Cole on the occasion of his retirement  
26 Jun 1939

An address to Professor Cole on his retirement, which accompanied a gift from past and present students and staff of the University, of a sepia portrait photograph of Professor Cole printed in the address. The photograph was taken by Howard Coster.

This is an oversize item stored in a plan chest.
Bibliographies and Indexes
Bound volumes and folders of catalogues and bibliographies relating to books in the Cole Library and Professor Cole's publications and interests.

8 volumes; 3 folders

Notebook containing a list of Professor Cole's published works
Notebook containing a chronological list of Professor Cole's published works, numbered 1-108 with notes on the distribution of offprints and a number of inserted offprints and cuttings. The book is signed and dated: F J Cole, 1939.

1 volume

Index plus notes, of selected persons from Albert von Haller's Bibliotheca Anatomica
Manuscript indexes originally housed in two box files one for each volume of Haller's Bibliotheca. Notes for the first volume only cover persons with surnames starting with A or B.

3 folders
Publication Note:
Bibliotheca Anatomica qua Scripta ad Anatomen et Physiologiam facienta a rerum initiis recensentur, by Albrecht von Haller, 2 vols, Zurich, Orell, Gessner, Fuessli et Socc. 1774, 1777

Catalogue of books and separata
Manuscript index

1 volume

Notebook containing Field Service notes and shelf catalogues
This book was used by F J Cole initially to record notes on Field Service Regulations and information on attacks from the period 10 November 1914-4 December 1914. The notebook is then used as shelf catalogue dating from 1932 and to record the updating of various card catalogues and other shelf catalogues.

Undated
[c.1914-c.1932]
1 volume

**MS 5315/3/5**  
Volume entitled *Bibliography of brain cranial nerves and lateral sense organs principally of Fishes and Amphibia*  
Undated  
[c.1898-c. 1919]  
Manuscript index which includes inserts and cuttings from journals and newspapers.

1 volume

**MS 5315/3/6**  
Notebook entitled *Cross references to index catalogue*  
Undated  
Manuscript index

1 volume

**MS 5315/3/7**  
Notebook entitled *Shelf catalogue*  
Undated  
[c.1938]  
Manuscript shelf catalogue of books details the shelf number, the number of books on each shelf, the authors surname and number of books by that author if there is more than one book by that author on the shelf.

1 volume

**MS 5315/3/8**  
Notebook entitled *Books on loan 1923-1958*  
1923-1958  
This book records the date of the loan, the title of the book, the Borrower's surname, the shelf number and if it has been returned. Although this item records loans from 1923 there is a note in the book that the recording of loans from the Cole Library started on 26 June 1915, although there was a break in recording from 8 June 1916 until March 1920. The binding at the spine of the volume has become detached.

1 volume

**MS 5315/3/9**  
Notebook  
Undated  
At the beginning of the notebook is a list of names and addresses, then there follows an alphabetical list of bibliographical information for science periodicals in all languages however this only has 9 entries and the rest of the notebook is blank. There are 2 loose items advertising the Sudhoffs Archiv publication dated February 1952.

1 volume
MS 5315/3/10  **Biographical index on cards**  
This index has been compiled by Cole and is a biographical index of scientists, mainly medical people and naturalists.

2 boxes

MS 5315/3/11  **Historical index on cards**  
This index has been compiled by Cole and is a historical index of authors, with notes on their work.

2 boxes

MS 5315/3/12  **Subject index on cards**  
This index has been compiled by Cole and is a subject index to entries that he has compiled in his biographical index and his historical index.

4 boxes

MS 5315/3/13  **Chronological index on cards**  
This index has been compiled by Cole and is a chronological index of scientific events and discoveries from 600BC to 1917.

3 boxes

MS 5315/3/14  **Index on cards to the slide collection**  
This index has been compiled by Cole and is an index to his slide and glass negative collection. Many of the cards have a contact print.

2 boxes

MS 5315/3/15  **Index on cards of bibliographical references for the history of comparative anatomy**  
This index has been compiled by Cole and is a bibliographical index to references for the history of comparative anatomy with many of the cards including newscuttings.

1 box

MS 5315/4  **Photographic Records**  
This series contains photographic material of people, buildings and research trips and also a large number of glass negatives and lantern slides created by Cole, of images from published books used in his lectures and his own publications. Some of this material is
Photographs and negatives of people, buildings and research subjects

Various photographs including a sepia photograph mounted on card of Frank Menzies Cole standing in front of two horses. The back of the photograph has been annotated in pencil by an unknown author "Frank Menzies Cole, Canada, c.1930" and in ink by [F. J. Cole?] "The Manure Spreader" Ontario, Canada, Public Schoolboy learning farming. Taken by his Father F J Cole, Spring Copse, Hermitage, Berks." There are a number of unidentified photographs and negatives of buildings, people and scenes from possible research trips undertaken by Professor Cole. There are photographs relating to the University of Reading including a scene from the London Road campus and a procession of academic staff in mortar boards and gowns. There is also a small photograph of a head shot of Professor Cole in his uniform of the 4th Territorial Battalion of the Essex Regiment. There are a group of negatives which show a sculpture being carved from a block of stone.

6 photographs, 13 negatives

Glass Negatives of images of published material

These glass negatives record images of pages from books held within the Cole Library and from other Library collections. **These are currently being catalogued**