
Penelope Neder-Muro & Charlotte E. Erwin
California Institute of Technology Archives and Special Collections

Caltech Archives
2018
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MC B215-74
Pasadena, California 91125
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Guide to the Edward B. Lewis Papers, 1917-2004, bulk
1946-1996

Language of Material: English
Contributing Institution: California Institute of Technology Archives and Special Collections
Title: Edward B. Lewis Papers
Creator: Lewis, Edward B., 1918-2004 (Biologist, Geneticist)
Identifier/Call Number: 10225-MS
Identifier/Call Number: 7725
Physical Description: 22.5 linear feet (53 standard archival boxes, 2 half size archival boxes)
Date (inclusive): 1917-2004
Date (bulk): 1946-1996

Conditions Governing Access
The collection is open for research. Researchers must make an appointment for access. Some files are closed due to privacy and confidentiality. Consult the Caltech Archives for more information.

Conditions Governing Use
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Immediate Source of Acquisition

Processing Information
Charlotte E. Erwin began processing the collection, through 2008-2010. Penelope Neder-Muro completed processing the papers in November 2018. The audiovisual and digital material, which includes VHS, reels, and compact discs of computer files are unprocessed.

Biographical / Historical
Edward Butts Lewis was born on May 20, 1918 in Wilkes-Barre, Pennsylvania. He earned his Bachelor's degree in Biostatistics from the University of Minnesota in 1939. Under the guidance of Alfred S. Sturtevant, Lewis earned his PhD from Caltech in 1942. During World War II, Lewis served as a meteorologist and oceanographer in the United States Army Air Force. From 1946-1948, Lewis began his teaching career as Instructor, and advanced to Assistant, Associate Professor, Professor through 1948-1966, and Thomas Hunt Morgan Professor of Biology from 1966-1988. He became emeritus in 1988 until his passing on July 21, 2004.

In 1995, Lewis won the Nobel Prize in Physiology or Medicine, and shared a third of the prize with Christiane Nüsslein-Völlhard and Eric F. Wieschaus, “for their discoveries concerning the genetic control of early embryonic development.”

For more information on Edward Lewis, the transcript to his 1984 oral history conducted by Rachel Prud'homme can be found at Caltech Archives Oral Histories.

Scope and Contents
The Edward B. Lewis papers collection document his professional work as a geneticist. Some materials of interest include Lewis's lab notebooks regarding his work in Drosophila research, genetics, and radiation studies. The collection also has correspondence with professional colleagues and many archival boxes of material related to his winning of the Nobel Prize, including congratulatory notes and ceremony festivities documents. There are also many photographic prints of scanning electron microscope images of mutant drosophila, and also some personal family photos.

Arrangement
The Edward B. Lewis Papers are housed in 53 archival boxes and 2 half size archival boxes. The papers are organized into five series, with all series containing subseries: 1. Correspondence, 2. Scientific Notes and Writings, 3. California Institute of Technology, 4. Biographical and Personal, 5. Photographs and Audiovisual.

Series 1: Correspondence is organized into four subseries. Subseries 1: General correspondence, is in alphabetical order according to personal name, and according to university or organization name. Subseries 2: Recommendations are in alphabetical order. All correspondence in this subseries are closed to researchers. Subseries 3: Vital Statistics Correspondence, are in chronological order, and mostly include death certificate requests for radiation studies research.
Subseries 4: Radiation Correspondence is organized into chronological order.

Series 2: Scientific Notes and Writings is arranged into six subseries. Subseries 1: Drosophila and Genetics – Experiments, Lab Notes, and Notebooks is in chronological order, with the undated material found after the dated material. Subseries 2: Drosophila and Genetics – Matings (Cross books) is arranged in chronological order and includes Lewis's lab notebooks from 1939 to 2004. Subseries 3: Drosophila – Salivary Glands are arranged by original order, which is by record number. Subseries 4: Radiation Studies is arranged in original and functional order, and includes data, reviews, publications, and all Lewis's materials related to somatic effects of radiation. Subseries 5: Conferences and Writings is arranged in three subgroups, conferences and talks, writings, publications, and is in mostly chronological order, with undated material after the dated material. Subseries 6: Drosophila Stocks, Lab, and Miscellaneous is arranged in chronological order and includes an array of material related to Lewis's Drosophila lab.

Series 3: California Institute of Technology is arranged into four subseries. Subseries 1: Teaching is arranged in chronological order and includes Lewis's handouts and labs. Subseries 2: Biology Division is arranged in chronological order and contains memos and miscellaneous administrative material. Subseries 3: Grants is arranged in chronological order and contains grant proposals and applications with accompanying documentation. Subseries 4: Faculty contains folders of biographical material or correspondence of select Caltech faculty, including Calvin Bridges and Alfred Sturtevant.

Series 4: Biographical and Personal is arranged in four subseries. Subseries 1: Nobel prize is arranged in functional order and chronological order and includes ceremony programs, congratulations, and publicity surrounding the prize. Subseries 2: Additional Awards and Honors is arranged in alphabetical order. Subseries 3: Biographical is arranged in mostly chronological order and includes various writings about Lewis. Subseries 4: Personal is a small portion of ephemeral material and Lewis's charitable donations.

Series 5: Photographs and Audiovisual is arranged in four subseries. Subseries 1: Photographs – Drosophila and Genetics includes several prints of scanning electron microscope images of drosophila at various stages of development. Subseries 2: Photographs – Personal includes portraits of Lewis, Nobel prize ceremony, and some family photos.

Subjects and Indexing Terms
Developmental biology
Developmental genetics
Geneticists
Genetics
Nobel Prize
Nobel Prize winners

Series 1: Correspondence 1948-2004

Subseries 1: General Correspondence
Scope and Contents
This collection of Lewis's correspondence includes those written to and/or from individuals, organizations, and letters of recommendation. They have been grouped in alphabetical order by last name or organization name.

Names, Personal
box 1, folder 1
Akam, Michael 1982-1984 1995
box 1, folder 2
Ashburner, Michael 1984 1990 1992
box 1, folder 3
A miscellaneous
Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

box 1, folder 4
Babu, Padmana 1975-1987
box 1, folder 5
Baefsky, Laurie 1994-1995
box 1, folder 6
box 1, folder 7
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**Scope and Contents**
- Includes notes re: discussion of George Beadle's career

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<td>Bishop, Michael</td>
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<td>Black, Betsy &amp; Philip Bridges</td>
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**Scope and Contents**
- Calvin Bridges' children

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**Scope and Contents**
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**Scope and Contents**
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Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

Scope and Contents
Correspondence re: permissions for book Genes, Development, and Cancer

Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.
box 3, folder 34  N miscellaneous
  Scope and Contents
  This folder may also include miscellaneous correspondence filed by university or
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box 3, folder 35  Ohnishi, Eiji 1976 1978
box 3, folder 36  Oppenheimer, Jane 1995-1996
box 3, folder 38  O miscellaneous
  Scope and Contents
  This folder may also include miscellaneous correspondence filed by university or
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box 3, folder 40  Pauling, Linus 1956 1976
box 3, folder 41  P miscellaneous
  Scope and Contents
  This folder may also include miscellaneous correspondence filed by university or
  organization name.

box 4, folder 1  Rasmuson 1982-1997
  Scope and Contents
  Bertil, Mariane, Asa

box 4, folder 2  Ringertz, Nils 1995-1996
box 4, folder 4  Ron, Elaine 2004
box 4, folder 5  Rowland, F. Sherwood 1996-1997
box 4, folder 6  Ruden, Douglas 1999
box 4, folder 9  R miscellaneous
  Scope and Contents
  This folder may also include miscellaneous correspondence filed by university or
  organization name.

box 4, folder 10  Sakaguchi, Bungo 1996
box 4, folder 11  Sakonju, Shige 1989-1992
box 4, folder 12  Sandler, Larry 1961
box 4, folder 13  Scott, Matthew P. 1991-2004
box 4, folder 14  Segal, Daniel (Danny) 1981 1988-1989
box 4, folder 15  Sharma, Seema circa 1990s
box 4, folder 16  Sheldon, Bruce 1976-1977
box 4, folder 18  Sinsheimer, Robert 1989-1990 undated
box 4, folder 19  Smolik-Utlaut, Sarah 1988
box 4, folder 20  Struhl, Gary 1981-1984
box 4, folder 53  Sturtevant, William 1995 1997
  Scope and Contents
  Son of Alfred Sturtevant

box 4, folder 21  Suzuki, Yoshiaki 1996
Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

Box 4, Folder 22: S miscellaneous
- Teplitz, Raymond 1975
- Thierry-Mieg, Danielle 1978-1979 undated
- Thomas, Charles A. 1977 1979

Box 4, Folder 23: T miscellaneous
Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

Box 4, Folder 27: Vijay Raghavan, K. 1993 1998 undated

Box 4, Folder 28: V miscellaneous
Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

Box 4, Folder 29: Welshons, W. J. 1986-1987


Box 4, Folder 32: W miscellaneous
Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

Box 4, Folder 33: Yu, Sien-Chiue & Qi-Xing 1979-1987

Box 4, Folder 34: Y miscellaneous
Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

Box 4, Folder 35: Zalokar, Marko 1975-1977 1985

Box 4, Folder 37: Zuckerkandl, Emile 1974 1979 1996

Box 4, Folder 38: Z miscellaneous
Scope and Contents
This folder may also include miscellaneous correspondence filed by university or organization name.

Names, Universities and Organizations
- American Cancer Society 1995-1996
- American Philosophical Society 1990-2003
- American Society for Cell Biology 2002
- Brandeis University 1989
- British Broadcasting Corporation (BBC) 1981
- City of Hope 1982 1990-1991
- Cold Spring Harbor Laboratory Press 1993-2002
- Columbia University 1992
- Copenhagen, University of (Institute of Genetics) 1974-1975 1982
- Current Biology Ltd. 1992 2003
- Current Science 1991-1993
- Developmental Biology, Society for 1980 1996
- Drosophila Information Service 1987
- Foundation for the National Medals of Science & Technology 1993

Series 1: Correspondence 1948-2004
Subseries 1: General Correspondence


box 5, folder 1  Gairdner Foundation 1987 1995
box 5, folder 2  Genetical Society 1990
box 5, folder 3  Lasker (Albert) Award 1994-1999
box 5, folder 4  March of Dimes 1987 1998-1999
box 5, folder 5  Minnesota, University of 1996-1998
box 5, folder 6  National Academy of Sciences 1987-2001
box 5, folder 7  National Council on Radiation Protection and Measurements 1995-2000
box 5, folder 9  National Library of Medicine 1973 1976
box 5, folder 11  Nobel Committee for Physiology or Medicine 1999-2004
box 5, folder 14  Science (American Association for the Advancement of Science) 1963 1992
box 5, folder 15  The Science Coalition 1996 June
Scope and Contents
Letter to President Bill Clinton signed by Nobel Prize winners.

box 5, folder 16  Scientific American 1981-1985
box 5, folder 17  Teknos (Thomas Jefferson High School for Science and Technology) 1997
box 5, folder 18  Toronto, University of 1996
box 5, folder 19  Wisconsin, University of Foundation 1996
box 5, folder 20  Wolf Foundation 1989
Miscellaneous correspondence
box 5, folder 21  Cranks 1995-1997
box 5, folder 22  George Rudkin Memorial 1990
box 5, folder 23  Medical requests/inquiries 1989 1995-1996
box 5, folder 24  Requests for information 1962-1963

Subseries 2: Recommendations
Scope and Contents
All files in this subseries are closed. Consult the Archives for more information on access.

Conditions Governing Access
This file is closed.

box 6, folder 2  A miscellaneous, letters of recommendation 1984 1986
Conditions Governing Access
This file is closed.

box 6, folder 3  Bryant, Peter J., letters of recommendation 1976 1989 1991
Conditions Governing Access
This file is closed.

box 6, folder 4  Butman, John, letters of recommendation 1984-1985
Conditions Governing Access
This file is closed.

box 6, folder 5  B miscellaneous, letters of recommendation
Conditions Governing Access
This file is closed.
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Subseries 2: Recommendations

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T miscellaneous, letters of recommendation
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V-Z miscellaneous, letters of recommendation
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Weigel, Detlef, letters of recommendation 1992-1994
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Wheeler, Daniel, letters of recommendation 1979
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Zewail, Ahmed, letter of recommendation 1996
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Subseries 3: Vital Statistics Correspondence

Scope and Contents
   This subseries is organized in chronological order.

box 8, folder 1  Miscellaneous death certificate requests and receipts 1962 1964-1965 undated
box 8, folder 2  Requests for death certificates by state (A-M) 1964-1965
box 8, folder 3  Requests for death certificates by state (N-W) 1964-1965
box 8, folder 4  Bureau of Vital Statistics circa 1965

Subseries 4: Radiation Correspondence

Scope and Contents
   This subseries is organized in chronological order.
### Subseries 4: Radiation Correspondence

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**Scope and Contents**

National Research Council - Advisory Center on the Biological Effects of Ionizing Radiation (BEIR), Ad hoc committee on "Hot Particles"

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### Series 2: Scientific Notes and Writings

#### Subseries 1: Drosophila and Genetics - Experiments, Lab Notes and Notebooks

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box 13, folder 1  Attached Autosomes undated
Scope and Contents
Includes articles and mating data

box 13, folder 2  Bithorax binder (1 of 2) undated
Scope and Contents
955 series to 10419

box 13, folder 3  Bithorax binder (2 of 2) undated
Scope and Contents
955 series to 10419

box 13, folder 4  BX - Attached 3R undated

box 13, folder 5  Drosophila and gene figures undated

box 13, folder 6  Drosophila drawings and radiation figures undated
Scope and Contents
Artist unknown, includes negatives

box 13, folder 7  Drosophila teaching diagrams undated

box 13, folder 8  Mutations and Position Effects at the LT and STW loci in Drosophila Melanogaster manuscript undated
Scope and Contents
Includes unattached squash photos

box 13, folder 9  Miscellaneous data and notes undated
Scope and Contents
Includes DNA base pair sequences

box 13, folder 10  Note cards undated
Scope and Contents
unidentified notecards, mention Bridges, Sturtevant

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Subseries 2: Drosophila and Genetics, Matings (Cross Books)

box 14, folder 1  University of Minnesota notebook circa 1939

box 14, folder 2  Matings: 1-1587 1941 April 21-1942 October 29
Scope and Contents
1 notebook

box 14, folder 3  Matings: 2001-3468 1946 January-June

box 14, folder 4  Matings: 3469-3965 1946 July-1947 April

box 14, folder 5  Matings: 966-1518 1947 May-December

box 15, folder 1  Matings: 1519-3266 1948 January 5-1949 November 16

box 15, folder 2  Matings: 3267-3594 1949 November-1950 March

box 15, folder 3  Matings: 3595-3978 1950 April-November

box 15, folder 4  Matings: 3979-5669 1950 December-1951 July

box 15, folder 5  Matings: 5670-6386 1951 July-November

box 15, folder 6  Matings: 6387-6857 1951 December-1952 December

box 15, folder 7  Matings: 6858-7619 1953 May-1954 July

box 16, folder 1  Matings: 7620-8679 1954 July-1955 July

box 16, folder 2  Matings: 8681-9740 1955 August-1956

box 16, folder 3  Matings: 9741-10657 1956-1957 October
Subseries 2: Drosophila and Genetics, Matings (Cross Books)

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Subseries 3: Drosophila, Salivary Glands

Scope and Contents
The records in this subseries are dated sporadically or undated. They are generally in numerical order.

box 26, folder 1
Salivary gland chromosomes, B-F
Scope and Contents
From S. G. C. vol. 1 binder, arranged by mutant

box 26, folder 2
Salivary gland chromosomes: H-R
Scope and Contents
From S. G. C. vol. 1 binder, mutants

box 26, folder 3
Salivary gland chromosomes: S
Scope and Contents
From S. G. C. vol. 1 binder, mutants
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<td>From S. G. C. vol. 1 binder, mutants</td>
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<tr>
<td>26, 5</td>
<td><strong>Salivary gland chromosomes (1 of 2)</strong></td>
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<td>Scope and Contents</td>
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<td>From S. G. C. vol. 2 binder, arranged by mating numbers 3069-3998, original order</td>
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<td>26, 6</td>
<td><strong>Salivary gland chromosomes (2 of 2)</strong></td>
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<td>From S. G. C. vol. 2 binder, arranged by mating numbers 3069-3998, original order</td>
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<td>26, 7</td>
<td><strong>Salivary gland chromosomes (1 of 2)</strong></td>
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<td>From S. G. C. vol. 3 binder, arranged by mating numbers 4206-10575, original order</td>
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<td>27, 1</td>
<td><strong>Salivary gland chromosomes (2 of 2)</strong></td>
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<td>From S. G. C. vol. 3 binder, arranged by mating numbers 4206-10575</td>
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<td>From S. G. C. vol. 4 binder, arranged by mating numbers 10615-18825, original order</td>
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<td>27, 3</td>
<td><strong>Salivary gland chromosomes (2 of 3)</strong></td>
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<td>Scope and Contents</td>
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<td>From S. G. C. vol. 4 binder, arranged by mating numbers 10615-18825, original order</td>
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<td>Scope and Contents</td>
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<td>From S. G. C. vol. 4 binder, arranged by mating numbers 10615-18825, original order</td>
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<td>27, 5</td>
<td><strong>Salivary gland chromosomes (1 of 3) 1973-1980</strong></td>
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<td>Scope and Contents</td>
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<tr>
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<td>From S. G. C. vol. 5 binder, original order</td>
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<td>27, 6</td>
<td><strong>Salivary gland chromosomes (2 of 3) 1973-1980</strong></td>
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<td>From S. G. C. vol. 5 binder, original order</td>
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<td>27, 7</td>
<td><strong>Salivary gland chromosomes (3 of 3) 1973-1980</strong></td>
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<td>Scope and Contents</td>
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<td></td>
<td>From S. G. C. vol. 5 binder, original order</td>
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<td>28, 1</td>
<td><strong>Salivary gland chromosomes circa 1985</strong></td>
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<td>notebook, mating 31616</td>
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<td>28, 2</td>
<td><strong>Salivary gland chromosomes (1 of 4)</strong></td>
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<td>Scope and Contents</td>
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<td>From notebook 38000 salivary gland preps, NGR screen, mating 38000, in original order</td>
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box 28, folder 3  Salivary gland chromosomes (2 of 4)  
Scope and Contents  
From notebook 38000 salivary gland preps, NGR screen, mating 38000, in original order

box 28, folder 4  Salivary gland chromosomes (3 of 4)  
Scope and Contents  
From notebook 38000 salivary gland preps, NGR screen, mating 38000, in original order

box 28, folder 5  Salivary gland chromosomes (4 of 4)  
Scope and Contents  
From notebook 38000 salivary gland preps, NGR screen, mating 38000, in original order

box 28, folder 6  Salivary gland chromosomes (1 of 2)  
Scope and Contents  
From notebook 38000 continued, mating 38000, original order .3000-.4000

box 28, folder 7  Salivary gland chromosomes (2 of 2)  
Scope and Contents  
From notebook 38000 continued, mating 38000, original order .5000-.6000

box 28, folder 8  Salivary gland chromosomes TE77 experiment  
Scope and Contents  
From TE 77 experiment salivary records binder, original order

box 28, folder 9  Salivary gland chromosomes, records 0-10000 (1 of 4)  
Scope and Contents  
From Salivary record 0-50 and unnumbered, binder

box 28, folder 10  Salivary gland chromosomes, records 20000 (2 of 4)  
Scope and Contents  
From saloivary records 0-50 and unnumbered, binder.

box 29, folder 1  Salivary gland chromosomes, records 30000 (3 of 4)  
Scope and Contents  
Salivary records 0-50 and unnumbered, binder

box 29, folder 2  Salivary gland chromosome, records 40000-50000 (4 of 4)  
Scope and Contents  
Salivary records 0-50 and unnumbered, binder

box 29, folder 3  Salivary gland chromosomes, brown mutant (1 of 4) circa 1990s  
Scope and Contents  
Summaries and records 48722.1-48968.2

box 29, folder 4  Salivary gland chromosomes, brown mutant (2 of 4) circa 1990s  
Scope and Contents  
Records 48980.1-50368.6
### Series 2: Scientific Notes and Writings 1938-2004
#### Subseries 3: Drosophila, Salivary Glands

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<tr>
<th>Box/Folder</th>
<th>Description</th>
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<tr>
<td>box 29, folder 5</td>
<td><strong>Salivary gland chromosomes, brown mutant (3 of 4) circa 1990s</strong>&lt;br&gt;Scope and Contents&lt;br&gt;Records 50384.4.2-50895.2</td>
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<td>box 29, folder 6</td>
<td><strong>Salivary gland chromosomes, brown mutant (4 of 4) circa 1990s</strong>&lt;br&gt;Scope and Contents&lt;br&gt;Records 50906.2-51036.12.2</td>
</tr>
<tr>
<td>box 29, folder 7</td>
<td><strong>Salivary glands chromosomes transvection experiment (1 of 3)</strong>&lt;br&gt;Scope and Contents&lt;br&gt;miscellaneous and .0100-.500</td>
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<td>box 29, folder 8</td>
<td><strong>Salivary glands chromosomes transvection experiment (2 of 3)</strong>&lt;br&gt;Scope and Contents&lt;br&gt;&quot;31616&quot; .600-.1000 and &quot;NGS Pretest&quot;</td>
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<tr>
<td>box 29, folder 9</td>
<td><strong>Salivary glands chromosomes transvection experiment (3 of 3)</strong>&lt;br&gt;Scope and Contents&lt;br&gt;&quot;31686&quot; and miscellaneous</td>
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<td>box 29, folder 10</td>
<td><strong>Brown 1 notebook of salivaries 1995 July 5</strong></td>
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### Subseries 4: Radiation Studies

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<th>Box/Folder</th>
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<tr>
<td>box 30, folder 1</td>
<td><strong>Leukemia mortality tables and worksheets 1948-1961 1971 undated</strong>&lt;br&gt;Conditions Governing Access&lt;br&gt;Restricted access. Includes names of persons' data used in the study</td>
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<tr>
<td>box 30, folder 2</td>
<td><strong>Radiation Study Cancer Mortality data 1950s-1960s</strong>&lt;br&gt;Scope and Contents&lt;br&gt;Includes various cancers</td>
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<tr>
<td>box 30, folder 3</td>
<td><strong>Radiation Study Leukemia Mortality data 1950s-1960s</strong></td>
</tr>
<tr>
<td>box 30, folder 4</td>
<td><strong>Articles re: radiation and Lewis's work 1957 1981</strong></td>
</tr>
<tr>
<td>box 30, folder 5</td>
<td><strong>Leukemia Mortality Study 1957 1962 1963 undated</strong></td>
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<tr>
<td>box 30, folder 6</td>
<td><strong>Lewis's statements re: Ionizing Radiation 1959 1960 1970</strong></td>
</tr>
<tr>
<td>box 30, folder 7</td>
<td><strong>Untitled binder circa 1960s</strong>&lt;br&gt;Scope and Contents&lt;br&gt;Articles re: cancers, thromboembolism, statistics</td>
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<tr>
<td>box 30, folder 8</td>
<td><strong>Radiation Study - Census and General Mortality tables circa 1960-1971</strong></td>
</tr>
<tr>
<td>box 30, folder 9</td>
<td><strong>Physician Study - Physician mortality 1961 undated</strong>&lt;br&gt;Scope and Contents&lt;br&gt;AB's (American Board Certified)</td>
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<tr>
<td>box 30, folder 10</td>
<td><strong>Radiation Study - Occupational mortality study 1967</strong>&lt;br&gt;Scope and Contents&lt;br&gt;Hugh Lewis's work</td>
</tr>
<tr>
<td>box 30, folder 11</td>
<td><strong>Radiation Bio - Effects and Epidemiology Committee 1967</strong></td>
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<tr>
<td>box 30, folder 12</td>
<td><strong>Binder: RAI and ABCC (1 of 2) 1967-1972</strong></td>
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<td>Description</td>
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| Box 31, Folder 1 | Binder: RAI and ABCC correspondence (2 of 2) 1967-1972  
Scope and Contents  
Minutes, correspondence, documents |
| Box 31, Folder 2 | Radiation Study 1970s  
Scope and Contents  
Animal tumors, includes beagle study |
| Box 31, Folder 3 | Radiation Study 1971  
Scope and Contents  
Leukemia, radiation, hyperthyroidism re: Science article |
| Box 31, Folder 4 | Reviews, replies, comments 1971  
Scope and Contents  
Re: Leukemia article |
| Box 31, Folder 5 | Data binder 1971  
Scope and Contents  
Includes Leukemia, Aplastic Anemia, and other cancers |
| Box 31, Folder 6 | News clippings re: Cincinnati radiation experiments and other cancers 1971 1974 |
| Box 31, Folder 7 | Leukemia patient data tables 1971 1972 undated |
| Box 31, Folder 8 | Radiation studies Somatic Effects 1972  
Scope and Contents  
Includes Hiroshima, Nagasaki |
| Box 31, Folder 9 | Radiation Study 1972-1973 undated  
Scope and Contents  
Inhaled plutonium |
| Box 31, Folder 10 | Biological Effects of ionizing Radiation (BEIR), committee on NRC 1974 |
| Box 31, Folder 11 | Radiation study undated  
Scope and Contents  
Radiation exposure, miscellaneous notes re: animals, liver, lung |
| Box 31, Folder 12 | Miscellaneous radiation and cancer 1955 1960 undated  
Scope and Contents  
Notes, writings, charts |
| Box 32 | Radiation Publications 1953 1957 1959  
Physical Description: 4 books  
Scope and Contents  
Includes publications:  
1. Maximum permissible amounts of radioisotopes in the human body and maximum permissible concentrations in air and water (1953) (2 copies)  
2. The Nature of Radioactive Fallout and its Effects on Man : Hearings before the Special Subcommittee on Radiation of the Joint Committee on Atomic Energy, Congress of the United States, Eighty-fifth Congress, first session (1957)  
3. Fallout from nuclear weapons tests : Hearings before the Special Subcommittee on Radiation of the Joint Committee on Atomic Energy, Congress of the United States, Eighty-sixth Congress, first session (1959) |
| Box 33, Folder 1 | Instructions for sample physicians’ data cards undated |
Physicians' data note cards [CLOSED]

Conditions Governing Access
The hundreds (approximate) of cards contain personal information and will be closed until 2034. Consult the Caltech Archives for more information.

Subseries 5: Conferences and Writings

Conferences and Talks

- Drosophila meetings/conferences 1971-1993
- Genetics Congress - Moscow 1979
- National Council on Radiation Protection 1979 1983
- Genetical Society meeting lecture 1981-1982
- Umea, University Honorary Doctoral Ceremony 1981-1982
- EMBO (European Molecular Biology Organizations) Workshop 1982-1986
- XVII International Congress of Entomology (Hamburg Germany) 1983-1984
- International Society for Developmental Biologists (ISDB) Congress 1983 1985
- Madison, Wisconsin talk transcript 1984 December 6
- UCLA Symposium on Molecular and Cellular Biology 1984-1986 1989
- European Drosophila Research Conference (EDRC) 1985 1987
- Symposium on Developmental Strategies on Biology (Madrid, Spain) 1987
- 11th European Drosophila Research Conference 1989
- Capri meeting 1989-1990
- Weizmann Institute (Dead Sea file) 1989-1990
- Benzer (Seymour) Symposium 1991
- BXC - Talk 1995 February 7
- Toronto Talk 1996

Scope and Contents
Planning, itinerary, speech

Miscellaneous talks 1976 1996 undated
Scope and Contents
Grad student orientations, SURF talk

Miscellaneous talks (with slides) circa 1986-1991
Note cards for talks (2) undated
Scope and Contents
One card in Swedish

Writings

Drafts and publishing materials 1971 1974 1981
Scope and Contents
Includes photos, and articles titled "Genes that Control Development" and "Developmental Genetics of the Bithorax Complex in Drosophila"

undated

BX paper draft 1978
BX notes and drafts 1978
BX notes and drafts undated
Scope and Contents
Homeotic Bithorax Mutant Effects on the Larval Cuticle
box 35, folder 4  
**Nature paper 1978**  
Scope and Contents  
Includes negatives and figures

box 35, folder 5  
**CSH paper figures 1985**

box 35, folder 6  
**Karch, Francois manuscript edits 1986 1990 1994 undated**  
Scope and Contents  
2 photos, includes articles by other authors

box 35, folder 7  
**Redbook 1987**  
Scope and Contents  
Includes allele lists

box 35, folder 8  
Scope and Contents  
Drafts, notes, instructions for JAMA SC1320

box 35, folder 9  
**Homeosis: The First Hundred Years manuscript and correspondence 1994**

box 35, folder 10  
**Muscle Development in the Four-Winged Drosophila and the Role of the Ultrabithorax Gene, manuscript and correspondence 1994**

box 35, folder 11  
**Haploidy and Androgenesis in Drosophila, manuscript and comments 1995**

box 35, folder 12  
**PNAS proof and correspondence 1995**

box 35, folder 13  
**The Bithorax Complex of Drosophila Virilis is Split Between Ubx and adb-A draft 1939 1995-1996**  
Scope and Contents  
Includes 6 photos, and Genetics (1939)

box 35, folder 14  
**A Tribute to Alfred G. Knudson circa 2002**  
Scope and Contents  
Paper for Genes, Chromosomes, and Cancer special edition, honoring Al Knudson's 80th birthday

box 36, folder 1  
**Miscellaneous manuscript drafts 1970s**  
Scope and Contents  
Includes some correspondence

box 36, folder 2  
**Manuscript drafts 1971 undated**

box 36, folder 3  
**Miscellaneous manuscript drafts and correspondence 1975 1981 1984 1987**

box 36, folder 4  

box 36, folder 5  
**Manuscripts prep 1985 undated**  
Scope and Contents  
Includes drafts, correspondence, writings of colleagues

box 36, folder 6  
**Miscellaneous abstracts, writing, faxes 1986 1989 1996 1998**

box 36, folder 7  
**Manuscripts (1 of 2) 1996-1998**

box 36, folder 8  
**Manuscripts (2 of 2) 1996-1998**

box 36, folder 9  
**Commentary on Movie Depicting the Life Cycle, Evolution and Homeotic Mutants of Drosophila undated**

**Publications**

box 37, folder 1  
**Publications (1930s-1940s) 1939-1949**

box 37, folder 2  
**Publications (1950s) 1951-1959**

box 37, folder 3  
**Publications (1960s) 1960 1963-1968**

box 37, folder 4  
**Publications (1970s) 1970-1978**

box 37, folder 5  
**Publications (1980s) 1981-1989**
Subseries 5: Conferences and Writings

Outstanding Papers in Biology 1993
Scope and Contents
With article written by Lewis from 1978, and paper intro from Lewis

Subseries 6: Drosophila Stocks, Lab, and Miscellaneous

Russian article 1938
Scope and Contents
Journal of General Biology

Russian genetics articles 1938-1939
DIS miscellaneous 1938 1959
Scope and Contents
Includes drosophila structure

V. V. Khvostova (Russian genetics) 1939
Scope and Contents
Typed copy of "The role of the inert regions of chromosomes in the cubitis interruptus gene in drosophila melanogaster"

P. H. Lewis - lab notes and data 1948 undated
Scope and Contents
Includes PC gene interactions, Pam Lewis's work

Fly Etherizer 1950 March

Lab equipment and supplies 1950 1954-1966 1979
Drosophila stock requests and correspondence 1952-1961 undated
Genetic and Physiological Study of Mutant Z of Drosophila Melanogaster, by Madeline Gans 1953
Food records notebook 1955-1964
Food record notebook 1956-1960
Scope and Contents
Ann T. Glassman

Lab procedures 1963 undated
IQ Studies articles 1969-1988 undated
California Drosophila meetings planning 1970-1986
Staining Methods instructions 1971
Drosophila stock list 1976 1981
Drosophila Information Service 1978-1990
Drosophila lab procedures 1981-1984
MS evaluations 1981-1991
Stock cards (originals) 1982
Lab equipment - Drosophila counter 1983-1985
Drosophila Counter 1983-1984
Lab mites 1989
Harvard Medical School Drosophila stock lists 1998
Stock name list (Jae) undated
Permission to publish 1977 1993 2000
Series 2: Scientific Notes and Writings 1938-2004

Subseries 6: Drosophila Stocks, Lab, and Miscellaneous

  Scope and Contents
  Re: use of photos and research

- Box 40, Folder 2: Files requested 1989-1991
  Scope and Contents
  Contract for book "Genes, Development and Cancer."

Series 3: California Institute of Technology 1934-2003

Subseries 1: Teaching

- Box 40, Folder 5: Biology 122 - Genetics (Bi 122) handouts 1950s-1990s
  Scope and Contents
  Articles, readings for class

- Box 40, Folder 6: DNA Model Kit 1959
- Box 40, Folder 7: Bi 122, problem set #1 & final exam 1970
- Box 40, Folder 8: Bi 122, roll books (2) 1973-1980
- Box 40, Folder 9: Bi 122, lab I circa 1970s
- Box 40, Folder 10: Bi 122, labs III & IV 1974-1975
- Box 40, Folder 11: Bi 122, labs V-VII 1975
- Box 40, Folder 12: Bi 122 labs, miscellaneous 1976 undated

- Box 40, Folder 13: Bi 122, lab II 1977-1978
- Box 40, Folder 14: Bi 122, lab report sheets 1977

- Box 40, Folder 15: Bi 122 binder (1 of 2) circa 1979
- Box 40, Folder 16: Bi 122 binder (2 of 2) circa 1979

- Box 41, Folder 1: Bi 122 handouts (originals) circa 1980
- Box 41, Folder 2: Bi 122 binder, problem sets circa 1980

- Box 41, Folder 3: Bi 122 lecture notes and handouts 1980 1990-1996 undated

- Box 41, Folder 4: Biology 204 Genetics Seminar 1990
  Scope and Contents
  Mouse genetics

- Box 41, Folder 5: Pb lab 2 - genetic experiments 1991 1993
- Box 41, Folder 6: Bi 122 Genetics 1991-1996 1999
  Scope and Contents
  Genetics and Somatic Effects of Ionizing Radiation

- Box 41, Folder 7: Bi 122 handouts 1995
- Box 41, Folder 8: Bi 122 handouts undated

- Box 41, Folder 9: Bi 122 Recombination Reference undated
- Box 41, Folder 10: Bi 122 class materials undated

- Box 41, Folder 11: Biology 270 Topics and reference book lists undated
- Box 41, Folder 12: Bacterial and Molecular Genetics introductory course summary undated

- Box 41, Folder 13: Fly Anatomy handouts undated

Subseries 2: Biology Division
Box 41, Folder 14: Caltech miscellaneous memos 1968-1999
Box 41, Folder 15: Lab orders (miscellaneous) 1974-1999 undated
Box 41, Folder 16: Miscellaneous administrative 1973 1975 1978
Box 41, Folder 17: Markey Scholar Nominations 1985
Box 41, Folder 18: Origin of Life Symposium brochure 1985 October 14-15
Box 41, Folder 19: Travel - miscellaneous documents 1986-1996 2003
Box 41, Folder 20: Kerckhoff space memos 1988 1995
Box 41, Folder 21: Faculty search [CLOSED] 1992, 1995
   Scope and Contents
   This file is closed. Consult University Archivist for more information.

Box 41, Folder 22: Caltech Biology: A Plan for the Future 1993 May 14
Box 41, Folder 23: Developmental Genetics Search Committee [CLOSED] 1996 September 16
   Conditions Governing Access
   This file is closed. Contact the archives for more information.

Box 41, Folder 24: Visual license agreement 1996

Subseries 3: Grants

Box 42, Folder 1: Atomic Energy Commission 1953-1964
Box 42, Folder 2: American Cancer Society Institutional Grants 1959-1964
Box 42, Folder 3: NSF grant paperwork 1970-1980
Box 42, Folder 4: Department of Health and Human Services Grant 1977-1996
   Scope and Contents
   "Genetic Control of Developmental Pathways"

Box 42, Folder 5: National Science Foundation (NSF) 1981-1985
Box 42, Folder 6: NSF grant proposal 1981-1985
   Scope and Contents
   "Collection of Mutant Types of Drosophila melanogaster"

Box 42, Folder 7: NIH grant correspondence and memos 1984-2004
Box 42, Folder 8: NICHD grant 1985-1986
   Scope and Contents
   National Institute of Child Health and Human Development

Box 42, Folder 10: Markey grants 1986-1989
Box 42, Folder 11: Research proposals 1990 undated
Box 42, Folder 12: NIH grant - X-ray machine 1992
Box 42, Folder 13: NIH grant 1996-2001
   Scope and Contents
   Genetic control of Developmental pathways

Subseries 4: Faculty

Box 43, Folder 1: Benzer (Seymour) Biology 116 - Behavioral Biology syllabus 1970 January
Box 43, Folder 2: Bridges, Calvin biographical 1934-1938 undated
   Scope and Contents
   Includes copies of manuscripts
<table>
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<th>Box and Folder</th>
<th>Description</th>
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| box 43, folder 3 | Bridges, Calvin biographical 1935-1939  
Scope and Contents  
includes reprint of Bridges's Salivary chromosome map |
| box 43, folder 4 | Bridges and Hollander, William correspondence 1935-1937 2003 |
| box 43, folder 5 | Bridges binder (1 of 2) 1937-1940 2002  
Scope and Contents  
Collection of Lewis's notes on Bridges. Includes copies of archival material from Cold Springs Harbor Lab. |
| box 43, folder 6 | Bridges binder (2 of 2) 2002-2003 undated  
Scope and Contents  
Includes correspondence with the Bridges family |
| box 43, folder 7 | Drafts and notes for Bridges perspective 2002-2003 |
| box 43, folder 8 | Morgan, Thomas Hunt - Electronic Nobel Museum 1998  
Scope and Contents  
Includes piece by N. H. Horowitz and A. H. Sturtevant |
Scope and Contents |
| box 44, folder 1 | Owen, Ray biographical 1975-1993 |
Sturtevant, Alfred Henry files 1942-1945 undated  
Scope and Contents  
Includes stocks, mailing lists, index to salivary preparation slides |
| box 44, folder 3 | Sturtevant reprints 1925 1928 1965  
Scope and Contents |
| box 44, folder 4 | Sturtevant biographical 1955 1970 1975 |
| box 44, folder 5 | Sturtevant correspondence to Lewis 1960 1965-1966 |
| box 44, folder 6 | Sturtevant - miscellaneous 1962-1970  
Scope and Contents  
publications, publication lists, biographical info |
| box 44, folder 7 | Sturtevant binder 1970 1985 undated  
Scope and Contents  
memorial service, obituaries |
| box 44, folder 8 | Sturtevant papers 1970 1974 undated  
Scope and Contents  
Biographies and correspondence re: publishing, Kentucky Press |
| box 44, folder 9 | Sturtevant papers 1970 April-December  
Scope and Contents  
Carbon correspondence re: Sturtevant and mailing lists pamphlets |
| box 44, folder 11 | Sturtevant correspondence 1995 1998  
Scope and Contents  
Lewis's correspondence with William Sturtevant re: A History of Genetics |
| box 44, folder 12 | Sturtevant photos undated |
Isotopic Adventures - Geological Planetological and Cosmic (Wasserburg) 2003
Scope and Contents
By G.J. Wasserburg, with inscription to Lewis from Wasserburg

Series 4: Biographical and Personal 1957-2004

Subseries 1: Nobel Prize

box 45, folder 1 Official Nobel Prize announcement 1995 October
Scope and Contents
Telegram and official letter

box 45, folder 2 Nobel events correspondence 1995-1996
Scope and Contents
Includes invitations and rooming information

box 45, folder 3 Nobel Prize Museum correspondence 1995-1996
box 45, folder 4 Travel correspondence 1995
Scope and Contents
Re: Sweden and Denmark

box 45, folder 5 Swedish University visits 1995-1996
Scope and Contents
Umeå University and Uppsala University

box 45, folder 6 Nobel Foundation directory 1995-1996
Scope and Contents
2 copies

box 45, folder 7 The Nobel Foundation banquet guest list 1995
Scope and Contents
in Swedish

box 45, folder 8 Nobel Prize Award ceremony ephemera 1995
Scope and Contents
Contains program, translation of speeches, entrance cards, menus

box 45, folder 10 Nobel Prize information 1995
Scope and Contents
Includes press releases from Swedish Academy and information re: Royal family

box 45, folder 11 Nobel Prize co-winners: Christiane Nüsslein-Volhard and Eric Wieschaus 1995
box 45, folder 12 Nobel Prize publicity 1995-1996
Scope and Contents
Includes newspaper clippings and press releases

box 46, folder 1 Nobel Autobiography circa 1995
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| 46, 2      | The Nobel Annual 1995 December  
Scope and Contents  
With correspondence from editor, Martha Fay |
Scope and Contents  
Correspondence |
| 46, 4      | H.W. Wilson & Co. 1996  
Scope and Contents  
Re: Nobel Prize winners 1992-1996 |
| 46, 5      | University of Minnesota Alumni magazine 1996  
Scope and Contents  
2 copies. Cover featuring Lewis and article writeup in magazine re:Nobel Prize win |
| 46, 6      | Engineering and Science magazine 1996  
Scope and Contents  
With drafts |
| 46, 7      | Nobel lecture correspondence 1996 |
| 46, 8      | Nobel lecture drafts and correspondence 1995-1996  
Scope and Contents  
"The Bithorax Complex: The First Fifty Years" |
| 46, 9      | Nobel lecture figures 1995  
Scope and Contents  
Includes photo prints and one slide |
| 46, 10     | Nobel lecture - old figures 1996 |
| 46, 11     | Nobel lecture drafts 1995-1996 |
| 46, 12     | Nobel lecture - Final draft (3) 1995-1996 |
| 47, 1      | Nobel congratulations, Caltech community 1995 |
| 47, 2      | Nobel congratulations, organizations A-G 1995 |
| 47, 3      | Nobel congratulations, organizations H-N 1995 |
| 47, 4      | Nobel congratulations, organizations P-S 1995 |
| 47, 5      | Nobel congratulations, organizations U-Z 1995 |
| 47, 6      | Nobel congratulations, universities A-K 1995 |
| 47, 7      | Nobel congratulations, universities N-Z 1995 |
| 47, 8      | Nobel congratulations, foreign universities 1995 |
| 47, 9      | Nobel congratulations, printed email 1995 |
| 47, 10     | Nobel congratulations, telegrams and faxes 1995 |
| 47, 11     | Nobel congratulations, general A-D 1995-1996 |
| 47, 12     | Nobel congratulations, general E-G 1995 |
| 47, 13     | Nobel congratulations, general H-K 1995 |
| 47, 14     | Nobel congratulations, general L-M 1995 |
| 47, 15     | Nobel congratulations, general N-P 1995 |
| 47, 16     | Nobel congratulations, general R-S 1995 |
| 48, 1      | Nobel congratulations, general T-Z 1995 |
| 48, 2      | Nobel congratulations, no name and/or address 1995-1996 |
| 48, 3      | Nobel congratulations, miscellaneous 1995 |
| 48, 4      | Nobel correspondence - Errant envelopes 1995 |
| 48, 5      | Nobel congratulations - Phone message log 1995 |
Subseries 1: Nobel Prize

Box 48, Folder 6

**Nobel gifts 1995**
Scope and Contents
Cards from flowers, photos

Box 48, Folder 7

**Nobel congratulations and requests 1995-1996**
Scope and Contents
Lecture, visit, review requests and regrets

Box 48, Folder 8

**Miscellaneous Nobel correspondence 1996-2003**

Box 48, Folder 9

**Wilkes-Barr correspondence 1995-1996**
Scope and Contents
Re: Nobel prize, high school and city recognition. Includes news clippings and photos

Box 48, Folder 10

**Autograph and/or photo requests 1995-1997**

Box 48, Folder 11

**White House correspondence 1994-1995**
Scope and Contents
Includes National Medal of Science, Nobel Prize congratulations from President Bill Clinton

Box 48, Folder 12

**Nobel events recordings descriptions 1995**

Box 48, Folder 13

**Nobel Prize celebration - Caltech 1996**
Scope and Contents
Includes faculty party talk

Box 48, Folder 14

**Nobel Laureates Conference at UC Irvine 1996**

Box 48, Folder 15

**Nobel Prize ceremony invitation 1997**

Box 48, Folder 16

**Nobel committee nominations 1997**

Subseries 2: Additional Awards and Honors

Box 49, Folder 1

**City of Wilkes-Barre Resolution 1991 1996 1999**

Box 49, Folder 2

**Gairdner Foundation International Award 1987**
Scope and Contents
Includes travel information

Box 49, Folder 3

**Horwitz (Louisa Gross) Prize 1992 1996**

Box 49, Folder 4

**Lasker (Albert) Award 1991 1996**
Scope and Contents
Includes congratulatory correspondence, news clippings and co-winner information

Box 49, Folder 5

**Miscellaneous awards and honors 1990 1995**

Box 49, Folder 6

**National Medal of Science 1990**
Scope and Contents
Correspondence and press releases

Box 49, Folder 7

**The Royal Society 1989**

Box 49, Folder 8

**University of Minnesota Honorary Doctorate of Science 1993**

Box 49, Folder 9

**Wolf Foundation Prize in Medicine 1989**
Scope and Contents
Includes draft of acceptance speech

Box 49, Folder 10

**American Philosophical Society membership and newsletter 1990**
Subseries 2: Additional Awards and Honors

Scope and Contents
3 copies of brochure. Symposium honored Lewis.

Subseries 3: Biographical

box 49, folder 12  Articles featuring Ed Lewis 1957 1985 1989
box 49, folder 13  Articles featuring Ed Lewis 1992-1993
box 49, folder 14  Articles featuring Ed Lewis 1998-2000 undated
Scope and Contents
Includes draft published in Lipshitz's "Genes, Development and Cancer," and City of Hope talk

box 50, folder 1  Curriculum Vitae 1974-2000
Scope and Contents
Includes various versions

box 50, folder 2  Genes, Development and Cancer drafts 2002 undated
Scope and Contents
Autobiographical book about the life and work of Lewis, edited by Howard Lipshitz

box 50, folder 4  Lewis biographies 1996 undated
box 50, folder 5  Oral history draft 1991
Scope and Contents
Interview conducted by the Caltech Archives' Rachel Prud'homme. Includes comments on draft.

box 50, folder 6  Professional biographies of Ed Lewis by Seymour Benzer and Pete Magee 2000 undated
box 50, folder 7  Who's Who 1990-2000
box 50, folder 8  Jennifer Caron senior thesis 2002 December 11
Scope and Contents
2 copies. Senior thesis titled, Edward Lewis's Impact on the Nuclear Fallout Debate. Includes comments on draft.

Subseries 4: Personal

box 50, folder 9  California Casualty 1990-1991
Scope and Contents
Personal home insurance

box 50, folder 10  Charitable donations 1996-2002
Scope and Contents
Includes Glenn Lewis Memorial fund

box 50, folder 11  Contact lists 1989 2004 undated
Scope and Contents
Includes San Francisco Opera and LA Phil
Series 4: Biographical and Personal 1957-2004
Subseries 4: Personal

box 50, folder 13

Scope and Contents
Includes family and personal matters
Conditions Governing Access
Consult University Archivist for contents or access.

box 50, folder 14

Personal ephemera undated
Scope and Contents
Includes personal stationary

box 50, folder 15

Yearbook photocopy circa 1940s
Scope and Contents
Facsimile of yearbook page that features Ed "Doc" Lewis

box 50, folder 16

Medical - personal documents [CLOSED] 2000-2004
Conditions Governing Access
Closed until 2054.

Series 5: Photographs and Audiovisual 1917-1998

Subseries 1: Photographs - Drosophila and Genetics
Scope and Contents
This subseries includes various photographs, slides, and negatives.

box 51, folder 1

Human and Drosophila metaphase chromosome squash photographs (magnified) undated

box 51, folder 2

Scanning electron microscope (SEM) photographs - G/F 21180 undated

box 51, folder 3

SEM photographs - 21198 circa 1977
Scope and Contents
Includes bristle, larvae

box 51, folder 4

SEM photographs - C.S. embryo DFP9 circa 1977-1978

box 51, folder 5

SEM photographs - 22320 & 22637 undated

box 51, folder 6

SEM photographs - PC3, 22528 circa 1978

box 51, folder 7

SEM photographs - C4, C10, PC3 circa 1978
Scope and Contents
Includes dividers between photos which identify matings/stock number

box 51, folder 8

SEM photographs Ubx/DFP9 larvae circa 1978

box 51, folder 9

SEM photographs - Bxd larvae, 21025 circa 1977

box 51, folder 10

SEM photographs - Bxd larvae, 21802 circa 1978

box 51, folder 11

SEM photographs - various stock numbers 1973-1975
Scope and Contents
Includes dorsal, legs, ventral post mortum

box 51, folder 12

SEM photographs - 17756, 19686, 19467 circa 1974

box 51, folder 13

SEM photographs - larvae 20112 R60/20004, 19605 R-60x19 1975

box 51, folder 14

SEM photographs - larvae circa 1975

box 51, folder 15

SEM photographs - Bx3/Def, 3-60/19450 undated

box 51, folder 16

SEM photographs - 18010, 21252, 21188 undated

box 51, folder 17

SEM photographs - Pbx3-318 (bx3 cbx ubx bxd pbx) undated

box 51, folder 18

SEM photographs - Pbx2/DF - p10, Pbx1/DF-P9 undated
Series 5: Photographs and Audiovisual 1917-1998
Subseries 1: Photographs - Drosophila and Genetics


box 51, folder 19  SEM photographs - Pbx1/bx3 pbx, pbx1/ubx pbx undated
box 51, folder 20  SEM photographs - 8 legs, bxd/pbx1 undated
box 51, folder 21  SEM photographs - Pbx1/Ubx bxd, Pbx1/Ubxd undated
box 51, folder 22  SEM photographs - Pbx1 55pbx1 undated
box 51, folder 23  SEM photographs - Cbx bxd undated
box 51, folder 24  SEM photographs - bx3 pbx2 undated
box 51, folder 25  SEM photographs - bxd/20006 undated
box 51, folder 26  SEM photographs - 3rd dorsal, bx3 bxd pbx/Dfp9 undated
box 52, folder 1  SEM photographs and worksheets - bxd 1976
box 52, folder 2  SEM photographs - dorsal bxd/Df 19473, 19697 undated
box 52, folder 3  SEM photographs - F 18827, 19438, 19439, 19480, 19486 1973-1975
box 52, folder 4  SEM photographs - double Hm, 19376, 19492, 19791 1974
box 52, folder 5  SEM photographs - 20260 1976
box 52, folder 6  SEM photographs - Hab 1977-1978
box 52, folder 7  SEM photographs - 21514 undated
box 52, folder 8  SEM photographs - G5 undated
box 52, folder 9  SEM photographs - Uab4/Uab5 undated
box 52, folder 10  SEM photographs - G4 abdomen undated
box 52, folder 11  SEM photographs - CS larvae, 3rd instar undated
box 52, folder 12  SEM photographs - Uab3 undated
box 52, folder 13  SEM photographs - CS adult undated
box 52, folder 14  SEM photographs - 26039 H undated
box 52, folder 15  SEM photographs - 22004 undated
box 52, folder 16  SEM photographs - Drosophila, 26036 D, 26038 G undated
box 52, folder 17  SEM photographs - Drosophila 27003 undated
box 52, folder 18  SEM photographs - 26970 undated

Physical Characteristics and Technical Requirements
Photos taped together

box 52, folder 19  SEM photographs - Drosophila 26038 G undated
box 52, folder 20  SEM photographs - Drosophila 27022 J circa 1981
box 52, folder 21  SEM photographs - Drosophila 26040 J undated
box 52, folder 22  SEM photographs - Drosophila 270789 circa 1981
box 52, folder 23  SEM photographs - Cbx3 3rd instar 1976
box 52, folder 24  SEM photographs - 20057 circa 1976
box 53, folder 1  Fly photographs and SEM photographs 1986 undated

Scope and Contents
Includes photos by David Scharf, and 8 legged flies

box 53, folder 2  Larvae SEM photographs undated
box 53, folder 3  SEM photographs 1981

Scope and Contents
26037 E, 26035 C, 26039 H, 26038 G

box 53, folder 4  SEM photographs - 26106 J 1982
box 53, folder 5  SEM photographs of Adult mutant abdomens 1982

Scope and Contents
26970, 74

box 53, folder 6  SEM photographs BX-C mutants, 27265 P 1982
box 53, folder 7  SEM photographs - 27266 R 1982
box 53, folder 8  SEM photographs - Adult mutants 1982
box 53, folder 9  SEM photographs - Adult mutants 1982
box 53, folder 10 SEM photographs - Extra humerus, 19760 1974

Scope and Contents
Photographs and negatives
SEM photographs - 19724, 20095, 20096, BX3/Df 1975-1976
Chromosome squash photographs 1980
Scope and Contents
Roll 555 & 557

Chromosome squash photographs and negatives undated
Scope and Contents
Not polytene, with key reference sheet

Embryo - mutant photomicrographs undated
Scope and Contents
Original folder labeled - 26506 E

Embryo - mutant photomicrographs undated
Scope and Contents
Uab 4 mu

Embryo photomicrographs with hand written notes undated
Scope and Contents
Oregon-R, AB, Dp, Ubx

Embryo photomicrographs undated
Scope and Contents
Hab

Embryo photomicrographs undated
Embryo photomicrographs undated
Embryo and larvae photomicrographs undated
Embryo photomicrograph proofs undated
Embryonic development - mutant photomicrographs undated
Scope and Contents
Dp and Antp genes

Fly photographs (fly mutant types) undated
Scope and Contents
Includes 20102, 20240

Four-wing fly photographs 1966 undated
Scope and Contents
Includes SEM, drosophila diagrams, and also duplicates of photos

Photomicrographs undated
Scope and Contents
Includes embryonic denticle belts and possibly mutant transformants and notes

Tergite bristles and other bristles photographs undated

White eye and wild type fly photographs 1998 April
Scope and Contents
With correspondence from Nobel foundation
Series 5: Photographs and Audiovisual 1917-1998
Subseries 1: Photographs - Drosophila and Genetics

Wild type (WT) and Star & Asteroid mutant photographs 1948 undated
Scope and Contents
Includes SEM photographs

Miscellaneous photographs 1986 undated
Scope and Contents
Includes homeotic mutants, SEM photos of Bithorax and Aristapedia

Mounted photos for Bi 122 lab on salivary glands undated
Scope and Contents
Includes Ubx mutants

Miscellaneous drosophila photographs undated
Scope and Contents
Includes fly photos, proof sheets, chromosome squash photos, SEM photos

Miscellaneous drosophila photos undated
Scope and Contents
Includes mounted photo, chromosome squash photos

Adult and larval mutant negatives and photographs 1972 undated
Scope and Contents
Includes article, "Mapping of Behavior in Drosophila Mosaics" by Benzer and Hotta

Chromosome squash negatives and proofs and photographs undated
Scope and Contents
Includes some fly images
General
black and white, one negative is folded

Fly (drosophila) negatives 1948 undated
Fly slides (12) 1965
Scope and Contents
217 & 218

Lecture slides (41) undated
Scope and Contents
Includes Bridges lecture and miscellaneous drosophila

Lasker Award publication photos (2) 1991
Scope and Contents
4 drosophila photos printed on one sheet, 2 copies

Subseries 2: Photographs - Personal

Early photos of scientists 1917 1920 1942
Scope and Contents
Thomas Hunt Morgan (3 copies), also Sturtevant, Tyler, Haagen Smit
Series 5: Photographs and Audiovisual 1917-1998
Subseries 2: Photographs - Personal

<table>
<thead>
<tr>
<th>Box and Folder</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Scope and Contents</td>
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<tr>
<td></td>
<td>Some duplicates, color and black &amp; white</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Includes many duplicates</td>
</tr>
<tr>
<td>box 55, folder 4</td>
<td>Ed Lewis photographs - casual and miscellaneous 1985 1991 undated</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Includes costumes, swimming</td>
</tr>
<tr>
<td>box 55, folder 5</td>
<td>National Medal of Science Awards photos and program 1990</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>With President George Bush, Barbara Bush, Ed and Pam Lewis</td>
</tr>
<tr>
<td>box 55, folder 6</td>
<td>Lasker (Albert) award photographs 1991</td>
</tr>
<tr>
<td>box 55, folder 7</td>
<td>Nobel Laureate celebration at Caltech 1995</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>2 photo albums</td>
</tr>
<tr>
<td>box 55, folder 8</td>
<td>Nobel Laureate celebration at Caltech photographs (7) 1995</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Includes some duplicates</td>
</tr>
<tr>
<td>box 55, folder 9</td>
<td>Nobel Laureate ceremony 1995 December</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
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<tr>
<td></td>
<td>4 negatives, 5 photos</td>
</tr>
<tr>
<td>box 55, folder 10</td>
<td>Nobel Prize winners photographs (4) 2001</td>
</tr>
<tr>
<td>box 55, folder 11</td>
<td>Ed Lewis with Pam Lewis and family photographs (28) 1995 undated</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Includes some duplicates</td>
</tr>
<tr>
<td>box 55, folder 12</td>
<td>Ed and Pam Lewis with Bishop Eirineus 1996</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Bishop Eirineus, Metropolitan of Kissamos and Selenos photos are affixed to mounting cardboard, includes trip to Crete, Greece trip photos. Negatives are found in folder 55.15</td>
</tr>
<tr>
<td>box 55, folder 13</td>
<td>Ed Lewis computer prints undated</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Not original photos, printed on copier paper</td>
</tr>
<tr>
<td>box 55, folder 14</td>
<td>Art photos, Pam Lewis (16) 1969 1988 undated</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Photographs of artwork, includes 1 photographic slide</td>
</tr>
<tr>
<td></td>
<td>Scope and Contents</td>
</tr>
<tr>
<td></td>
<td>Includes Lewis in Okinawa, trips including Crete, Greece</td>
</tr>
</tbody>
</table>