

**Hampton L. Carson Papers**  
**1921-1993**

American Philosophical Society  
2004  
105 South Fifth Street  
Philadelphia, PA, 19106  
215-440-3400  
[manuscripts@amphilsoc.org](mailto:manuscripts@amphilsoc.org)

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## Summary Information

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<b>Repository</b>	American Philosophical Society
<b>Creator</b>	Carson, , Hampton L. (Hampton Lawrence), 1914-
<b>Title</b>	Hampton L. Carson Papers
<b>Date [inclusive]</b>	1921-1993
<b>Extent</b>	32.0 Linear feet
<b>Location</b>	LH-SB-10-6; LH-B-24-2 (OS)
<b>Language</b>	English
<b>Container</b>	1-65
<b>Abstract</b>	<p>The population geneticist Hampton L. Carson spent the major part of his career at Washington University (1949-1963) and the University of Hawaii (1963-1985) investigating the cytogenetics and evolution of <i>Drosophila</i>. As one of the major figures in the Hawaii <i>Drosophila</i> project, he made particularly important contributions to the study of speciation and selective and non-selective evolutionary mechanisms. The Carson Papers (1921-1993) contain correspondence, subject files, manuscripts of published and unpublished works by Carson, papers by colleagues and students, research notes, course material, and photographs, which document Carson's career in genetics. The collection is organized into seven series: I. Correspondence, 1944-1993 ; II. Subject Files, 1946-1989 ; III. Works by Carson, 1951-1985 ; IV. Works by Others, 1949-1987 ; V. Research Notes, 1921-1993 ; VI. Course Material, 1943-1986 ; VII. Photographs, 1948-1985.</p>

**Preferred Citation**

Cite as: Hampton L. Carson Papers, American Philosophical Society.

## Background note

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A population geneticist best known for his work on *Drosophila*, Hampton Lawrence Carson was born into a distinguished Philadelphia scientific family on November 5, 1914. Carson studied zoology at the University of Pennsylvania, where his great-grandfather, Joseph Carson had been a professor of botany, receiving his AB under Robert Miller Stabler in 1936, and his PhD in 1943. His dissertation on the cytogenetics of darkwinged fungus gnats, "An Analysis of Natural Chromosome Variability in *Sciara impatiens*" was well received and was published a year later in the *Journal of Morphology*. According to Theodosius Dobzhansky, this work provided "definitive cytological proof of the chromosomal situations produced by crossing over in inversion heterozygotes." <sup>1</sup>

Joining the faculty of Washington University in 1943, Carson rose from assistant professor in 1949 to professor in 1956. In 1951, he was appointed visiting professor of biology at the University of Sao Paulo, Brazil and was a Fulbright Research Scholar in zoology at the University of Melbourne, Australia. Carson began his association with the University of Hawaii in the summers of 1963 to 1967 as a visiting professor and participant in the Hawaiian *Drosophila* Project, a cooperative venture between the Universities of Texas and Hawaii which had been initiated by Elmo Hardy and Wilson Stone in 1963 to study Hawaii's 600 unique drosophilid species. In 1970 Carson was appointed Manoa Genetics Professor in the Department of Entomology at Hawaii, where he continued until his retirement in 1985.

Shortly after completing his dissertation, Carson struck up a fruitful collaboration with Harrison Stalker on *Drosophila robusta* (see Ms. Coll. 23), and from that point on, devoted much of his scientific attention to *Drosophila* and to elucidating fundamental questions of selection, reproductive isolation, and speciation. Through a careful series of comparative genetic analyses of populations in New Guinea, Australia, the West Indies, Brazil, and many parts of North America, he developed the concepts of heteroselection and homoselection, but his best known research came through the Hawaiian *Drosophila* Project. After studying the population genetics of eight species endemic to the Hawaiian islands, Carson proposed that speciation in the island chain was tied to the formation of new islands, with new species being slightly different than those in the nearest island, and progressively more different than those in more distant islands. <sup>2</sup> Carson also contributed to the empirical study of effects and quantum selection.

A prolific writer, Carson published over 250 papers between 1934 and 1989 in journals such as *Evolution*, *Genetics*, and *American Naturalist*. He was active in professional societies, serving terms as president of the Society for the Study of Evolution (1971) and the American Society of Naturalists (1973). In 1979 he was elected a member of the National Academy of Sciences, and in 1985 he won the Leidy Medal for his work with the Hawaiian *Drosophila* Project. The International Symposium on Genetics, Speciation and the Founder Principle was held in his honor in June 1985, resulting in a festschrift, *Genetics, Speciation and the Founder Principle* (Oxford Press, 1994).

Although Carson retired from the University of Hawaii faculty in 1985, he remained active in research by working off a grant from the National Science Foundation. Currently he lives in Hawaii with his wife Meredith, who worked with him on several field expeditions.

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## Scope & content

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The Hampton Lawrence Carson Papers (1921-1993) contain correspondence, subject files, manuscripts of published and unpublished works by Carson, papers by colleagues and students, research notes by Carson, course material, and photographs, which document Carson's career as an evolutionary geneticist.

Oversized materials follow the same series arrangement as noted above. Cross referencing to oversized material appears on the folders in the standard-sized boxes. All photographs and negatives have been removed from Series I-VI and placed in Series VII. Cross references appear in the original series. Reprints have been moved to the printed materials collection of the APS library. If a reprint was found as an enclosure, a photocopy of the title page was filed in its place. To retrieve reprints, consult the card catalog for printed materials.

The papers (31 boxes; 15 linear feet) are divided into seven series:

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Series I. Correspondence	1944-1993	3.75 lin. feet
Series II. Subject files	1946-1989	1 lin. foot
Series III. Works by Carson	1951-1985	2.75 lin. feet
Series IV. Works by others	1949-1987	1 lin. foot
Series V. Research notes	1921-1993	3.5 lin. feet
Series VI. Course material	1943-1986	2.5 lin. feet
Series VII. Photographs	1948-1985	0.5 lin. feet

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## Administrative Information

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### Publication Information

American Philosophical Society 2004

## Restrictions

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### Restrictions on Use

None.

## Provenance

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### Accruals

Several recent accessions have not yet been calendared and are not reflected in this finding aid.

### Acquisition Information

The Carson Papers were donated to the APS Library by Hampton Lawrence Carson in 1994 (accn. no. 1994-631ms.) and subsequently.

### Processing Information

Catalogued by Jan S. Ballard, 1994; rewritten and encoded 2004.

## Related Materials

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### Related Material

Luther Val Giddings, Kenneth Y. Kaneshiro, and Wyatt W. Anderson, *Genetics, Speciation, and the Founder Principle* (New York: Oxford, 1989). **Call no.:** 575.1 G36g.

## Indexing Terms

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## **Corporate Name(s)**

- University of Hawaii. Department of Genetics

## **Genre(s)**

- Lecture notes
- Photographs

## **Personal Name(s)**

- Dobzhansky, Theodosius Grigorievich, 1900-1975
- Futuyma, Douglas J., 1942-
- Giddings, Luther Val
- Gressitt, J. Linsley
- Heed, William B.
- Heftel, Cecil, 1924-
- Manning, Raymond, 1934-
- Mayr, Ernst, 1904-2005
- Nevo, Evitar
- Okada, Toyohi
- Pipkin, Sarah B., 1913
- Powell, Jeffrey R.
- Provine, William B.
- Stalker, Harrison D. (Harrison Dailey), 1915-1982
- Stone, Wilson Stuart, 1907-1968
- Templeton, Alan Robert
- Val, Francisca Carolina do
- Wasserman, Marvin, 1929-
- Wheeler, Marshall
- White, M. J. D., 1943-
- Whiting, Phineas W. (Phineas Westcott), 1887-
- Yoon, Jong Sik

## **Subject(s)**

- Drosophila--Genetics
- Evolution (Biology)
- Founder effect



- Genetics
- Natural selection
- Population biology
- Speciation (Biology)

## Other Descriptive Information

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- 1 Dobzhansky, Nomination of Hampton Carson to the National Academy of Sciences. Ser. II. National Academy of Sciences.
- 2 *New York Times*, July 5, 1978; see Series II, Clippings

## Other Descriptive Information

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This collection contains materials which relate to the history of genetics.

Author	Format	Date
Dobzhansky, Theodosius	Correspondence (15 items)	1955-1975
Evolution	Correspondence (2 folders)	1971-1986
Evolutionary Processes and Theory Workshop	Correspondence (2 folders)	1984-1985
Evolutionary Theory	Correspondence (2 items)	1983
Genetic Microdifferentiation in Human and Other Animal Populations International Symposium	Correspondence (2 folders)	1983-1986
Genetics	Records (26 items)	1974-1983

Genetics Society of America	Records (2 folders)	1976-1983
International Congress of Genetics	Records (2 folders)	1973-1983
Mayr, Ernst	Correspondence (7 items)	1978-1986
National Drosophila Research Conference	Records (2 folders)	1978-1984
Provine, William B.	Correspondence (2 items)	1983
Society for the Study of Evolution	Records (2 folders)	1946-1978
Stalker, Harrison Dailey	Correspondence (5 items)	1967, 1978
Templeton, Alan Robert	Correspondence (60 items)	1970-1984
University of Hawaii	Records (7 folders)	1970-1985
Wallace, Bruce	Correspondence (3 items)	1973-1983
Wheeler, Marshall R.	Correspondence (2 folders)	1952-1992

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## Other Descriptive Information

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During processing, the collection was re-folded and re-housed in acid-free folders and boxes. Metal fasteners were removed and replaced with plastic clips when necessary. A separate listing of torn or severely deteriorated manuscripts and manuscripts that need to have glue and tape removed has been compiled by series and submitted to the Conservation Department.

All newspaper clippings were photocopied onto acid-free paper; the original clippings were then discarded. Other brittle or torn items were also photocopied, and when considered valuable, were retained. Photographs have been interleaved with non-buffered, acid-free paper.

## Series I. Correspondence

## Collection Inventory

## Series I. Correspondence

1944-1993

3.75 lin. feet

Incoming and outgoing manuscripts and typescript letters, carbons, telegrams, and postcards generated and collected during Carson's career. The bulk of this series covers the 1970s to the 1980s. Correspondents include professional colleagues, students, politicians, and publishers. Files for Alan R. Templeton, a population geneticist who was Carson's student, and Marshall Wheeler, a colleague on the Hawaiian Drosophila Project, contain a significant amount of professional correspondence. Med-fly eradication in Hawaii is the subject of most of the correspondence with members of Congress. Much of the correspondence filed under institutional titles concerns either the organization of a symposium or Carson's administrative or committee responsibilities. Correspondents in Series I include:

Series I is arranged alphabetically by correspondent's name and then chronologically within each folder. Unidentified correspondence has been filed as "Unidentified" and is arranged chronologically. Enclosed manuscripts have been removed from this series and placed in Series III or IV as appropriate. As with the reprints, a photocopy of the title page was filed with the original letter. Cross references are also given for enclosed photographs, which have been removed to Series VII. Letters of reference are filed under the name of the person who is the subject of the letter.

Abensohn, Meryl

1971

Academic Press Inc. (London) Limited

1978

The Academy of Natural Sciences

1984-1985

-See also Ser.II, same title

Accademia Nazionale Dei Lincie

1980-1981

The Academy of Natural Sciences

1984-1985

-See also Ser.II, same title

Ahearn, Jayne N.

1981

Akaka, Daniel K.

1978-1985

## Series I. Correspondence

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Aki, James	1981
<hr/>	
Alee, Ralph H.	1956
<hr/>	
Allard, R. W.	1978
<hr/>	
Allen, Garland E.	1992
<hr/>	
Ambrosino, Gabriele	1978
<hr/>	
American Academy of Arts and Sciences. Conference on the Synthesis in Evolutionary Biology	1973-1980
<p>-See also Ser.I, Harvard University Press</p> <p>-See also Ser.II, same title</p> <p>-See also Ser.III, "Embryology and the 'Modern Synthesis' in Evolutionary Biology"</p>	
<hr/>	
The American Naturalist	1964-1987
<p>Kaneshiro, Kenneth Y.</p> <p>- See also Ser.II, same title</p>	
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American Philosophical Society	1982-1983
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American Society of Naturalists	1971-1978
<p>-See also Ser.II, same title</p>	
<hr/>	
Anderson, Wyatt W.	1978-1988
<hr/>	
Andrews, Henry	1978
<hr/>	
Angel, Edwardo	1969
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Annales de la Societe Entomologique de France	1987
<hr/>	
Annest, Joseph Lee	1973-1978
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Annual Review of Ecology and Systematics	1973-1984
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## Series I. Correspondence

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Aoki, Betty	1978
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Archie, James W.	1983-1984
Simon, Christine M.	

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Arcos-Teran, Laura	1976
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Arita, Lorna H.	1982-1984
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Ariyoshi, George R.	1978-1980
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Arnaud, Paul H.	1984
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Ashburner, Michael	1970
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Ashton, Geoffrey C.	1978
-See also Ser.I, University of Hawaii	

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Association of Systematic Collections	1981-1984
-See also Ser.II, same title	

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Atkins, Gus	n.d.
-See United States.Department of Transportation. Federal Aviation Administration.	

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Atchley, William R.	1978-1981
-See also Ser.I, Woodruff, David S.	

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Australian Academy of Science	1984-1985
-See also Ser.II, Australian Academy of Science--Symposium on Rates of Evolution.	
-See also Ser.III, "Population Genetics, Evolutionary Rates and NeoDarwinism"	

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Australian National University. Research School of Biological Sciences.	1985
-See also Ser.II, same title	

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## Series I. Correspondence

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Australian Research Grants Committee	1978
-See also Ser.II, same title	
Awise, John C.	1975-1983
Ayala, Francisco	1973-1978
Baimai, Visut	1972-1982
Bajana, Jose D.	1976-1977
Some in Spanish	
Band, Henrietta T.	1982-1989
Barker, J.S.F.	1984-1985
Barr, H.J.	1972
Basden, E.B.	1952
Behavior Genetics	1975-1976
Bernice Pauahi Bishop Estate	1979
Bernice Pauahi Bishop Museum	1974-1980
United States. Department Of Agriculture	
-See also Ser.II, same title	
Berry, R.J.	1971
Ashton, Geoffrey C.	
Beverley, Stephen M.	1985
Bishop, John Guy	1982-1984
Blackman, Roger L.	1979
Bliss, Dorothy	1964-1969

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## Series I. Correspondence

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Blum, Stanley Delbert Jr.	1982
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Bock, Ian R.	1975-1984
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Bodnaryk, Robert P.	1970
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Borecki, Ingrid	1979
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Boyer, William H.	1980
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Brace, C. Loring	1982
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Bremner, Donald A.	1979
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Brenner, Theodore	1970
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Brewbaker, James L.	1978-1981
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Brezinsky, Laura	1984
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The British Broadcasting Corporation	1972-1981
<p>-See also Ser.II, British Broadcasting Corporation. "The Life Game"</p>	
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The British Broadcasting Corporation. The Open University	1978-1980
<p>-See also Ser.II, same title</p>	
<hr/>	
Brito da Cunha, A.	1963
<p>Some in Spanish</p>	
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Brnic, Danko	1964-1970
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Brokaw, Barbara	1975
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Brussard, Peter F.	1983
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Bryant, Peter J.	1979-1980
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Burns, John	1973
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## Series I. Correspondence

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Bush, Guy L.	1982-1984
Buzzati-Traverso, Adriano	1951
Some in German	
Calahan, James T.	n.d.
-See Ser.I, National Science Foundation	
Cambridge University Press	1979
Canadian Journal of Zoology	1984-1989
Canal Zone Biological Area	n.d.
-See Monyihan, M.	
Carson, Meredith S.	n.d.
-See Ser.I, Ikeda, Horishi	
Carter, Christine Lee	1979
Carter, J. Cedric	1949
Catcheside, David G.	1978
Cattell, Raymond B.	1980-1981
Chamberlain, Joseph M.	1964
Chance, Britton	1978
Chang, Linda	1981-1984
Chitwood, May Belle H.	1965
Charles Darwin Research Station	1976-1978, n.d.
Suarez, Teodoro	
Choi, Young	1973

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## Series I. Correspondence

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Christian, Joe C.	1973
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Clay, Jane Scarola	1973
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Clegg, Michael T.	1981-1983
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Colonization, Succession and Stability Symposium	1983-1986
-See also Ser.II, same title	

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Columbia University Press	1961-1978
-See also Ser.II, Heredity and Human Life	

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Conant, Patrick	1981
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Conant, Shelia	1978-1981
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Connors, George J.	n.d.
-See Ser.I, Sunset House	

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Conference on Macroevolution	1980
-See also Ser.II, same title	

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Corbett, Bob	1966
-See also Ser.I, Saint Louis University	

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Coyne, Jerry	n.d.
-See Ser.I, Evolution	

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Crane, Jocelyn	1964
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Craddock, Elysse Margaret	n.d.
-See Ser.I, Craddock-Kambysellis, Elysse Margaret	

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Craddock-Kambysellis, Elysse Margaret	1972-1982
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## Series I. Correspondence

Creutz, E. 1978

-See also Ser.I, Bernice Pauahi Bishop Museum

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Crews, David 1982-1986

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Crow, James F. 1982-1983

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Dacanay, Jann Hisae (Takenada) 1990

---

Danks, David 1982

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David, Jean R. 1980-1985

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Day, Max F. 1983-1985

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S.S. Daydream 1967

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Delfinado, Mercedes 1967

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Dell, R.K. 1967

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Devaney, Dennis M. 1966

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Dever, Daniel dJ. 1980-1981

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Dickinson, W. J. 1980-1982

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Dobzhansky, Theodosius 1955, 1971-1975 15.0 Item(s)

Phaff, Herman

### Indexing Terms

#### Subject(s)

Biographical and personal data

Drosophila genetics

Publication

## Series I. Correspondence

Scientific organizations, meetings, programs

Teaching

Travel -- Invitations, arrangements

Doer, Carolyn	1965-1967	
Dover, Gabriel	1983	
DoVal, Francisca Carolina	1980-1982	
<i>Drosophila</i> Information Service	1985	
Dwyer, John D.	1954	
Ecology	1955	
Edelston, Fred	1964	
Egyptian Journal of Genetics and Cytology	1971-1972	
Ehrman, Lee	1973-1986	
Encyclopaedia Britannica	1970-1973	
Enders, Robert K.	1958	
Entomologia Generalis	1981-1982	
Entomological Society of America	1967-1984	
Equinox	1983-1986	
Erbe, Richard W.	1981	
Etges, William J.	1983-1984	
Ethical Society of Saint Louis	1951-1963	
Evolution	1971-1986	2 folders

Coyne, Jerry

Society for the Study of

**Series I. Correspondence**

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Evolution

-See also Ser.II, same title

**Indexing Terms****Subject(s)****B**usiness**D**rosophila genetics**E**ditorial matters**M**olecular genetics**P**opulation genetics**P**ublication -- Evolution**R**eferee's report**R**eviews**S**ociety for the Study of Evolution**S**piess, Eliot B.**U**npublished manuscripts, notes, etc.

Evolution Today	1980	
Evolutionary Processes and Theory -- Workshop	1984-1985	2 folders
Evolutionary Theory	1983	2.0 Item(s)
Experientia	1977-1981	
Fairchild, Alexander G.B.	1958	
Fenton, C. Stephen	1981	
Fernandez, Bernal	1959	
Fogg, George S.	1964	

## Series I. Correspondence

Fontdevila, Antonio	1978	
Ford, E.B.	1974	
Frank, M. Bart	1982	
Freed, Leonard A.	1986	
Whitehall Foundation		
Freeling, Michael	1980	
Freire-Maia, dertia	1973	
Fuerst, Paul A.	1974	
Futuyma, Douglas J.	1984	
Gagne, Wayne C.	1978, 1987	
Bernice Pauahi Bishop Museum		
Gall, Joseph	1978	
Galore, M.	1977	
Gardner, R. Allen	1979	
Gates, David M.	1974	
Gebruder, Borntraeger Verlagsbuchhandlung	1970-1973, 1981	
Genetic Microdifferentiation in Human and Other Animal Populations International Symposium	1983-1986	2 folders
-See also Ser.II, same title		
-See also Ser.VII (oversized), same title		
-See also Ser.VII, Ahuja, Yog		

## Series I. Correspondence

**Indexing Terms****Subject(s)**

**C**onferences and symposia  
**D**rosophila genetics  
**H**uman genetics  
**I**nternational Congress of Genetics -- Fifteenth Congress  
**N**eel, James V.  
**P**opulation genetics  
**P**ublication  
**T**ravel -- India  
**U**npublished manuscripts, notes, etc.

The Genetics Society of Israel	1978	
International Genetics Society		
Genetics	1974-1983	26.0 Item(s)
Genetics Society of America	1976-1983	2 folders
Geo Journal	1983	
Ghiselin, Michael	1981	
Gibbs, A.J.	1979	
Giddings, Luther Val	1980-1984	
Gifford, Charles	1964-1965	
Gilligan, George N.	1963	
Glick, Thomas F.	1992-1993	
Go, Rodney C.P.	1975	

## Series I. Correspondence

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Golubovsuy, M.D.	1977
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Goldschmidt, Elizabeth	1962-1964
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Gomez, A.	1963
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Gomez P., Luis D.	1976
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Goodman, Madeleine J.	1981-1984
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Goodman, Morris	1976
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Gordon, Cecil C.	1950
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Gould, Leonard	1965
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Gralnick, Beverly	1972
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Grant, Ulysses J.	1960
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The Rockefeller Foundation	
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Greater Saint Louis Citizens' Committee for Nuclear Information	1958
-See also Ser.II, same title	
<hr/>	
Green, C.A.	1983
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Green, Chris	n.d.
-See Ser.I, Paterson, Hugh	
<hr/>	
Gregg, Thomas	1977
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Gressitt, J. Linsley	1975-1980
-See also Ser.I, International Journal of Entomology	
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Grimaldi, David A.	n.d.
-See Ser.I, Okada, Toyohi, Folder #2	
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## Series I. Correspondence

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Grossfield, Joseph	1972
<hr/>	
Grossman, Abraham	1974
<hr/>	
Guardia, Tomas	1960
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Hagino, Gerald	1984
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Hagiwara, Carol	1971
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Halka, O.	1970
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Hardy, D. Elmo	1969-1972
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Harper, John L.	1989
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National Academy of Sciences	
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Harvard University Press	1980
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The Hastings Center	1981
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Hathaway, William	1960
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Hawaii. Department of Agriculture	1967-1970
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Hawaii. Department of Land and Natural Resources	1979-1985
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Hawaii Audubon Society	1978-1987
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Hawaiian Entomological Society	1979-1984
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University of Hawaii	
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Heatwole, Harold and Audrey	1962-1965
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Nieder Korn, Jack	
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Hedrick, Philip W.	1978
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Heed, William B.	1953-1970



## Series I. Correspondence

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 Wheeler, Marshal R.
 

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Heftel, Cecil	1977-1985
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Henslee, Earl D.	1972
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Heredity	1980-1981
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Hiatt, Robert W.	1966
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Hill, Richard W.	1982-1983
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Hiraizumi, Yuichiro	1982-1983
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Hiraoka, Lea R.	1983
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Hogue, Charles L.	1972
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Holt, Milton	1983
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Honda-Yafuso, Masako	1984
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-See also Oversized

The Honolulu Advertiser	1975-1982
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The Honolulu Star-Bulletin	1981-1982
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Hoover, W. Scot	1978
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Hopkins, John W.	1970
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Howard Hughes Medical Institute.	1983-1984
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Molecular Biology and Evolutionary Theory  
Workshop

-See also Ser.II, same title

Hsu, T.C.	1951-1952
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Howes, W.	1964
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**Series I. Correspondence**

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Huettel, Milton D.	1983	
The Humanist	1976	
Hunt, John A.	1977	
Hunter, Francis and Alice	1960-1962	
Idrobo, Jesus M.	1960	
Ikeda, Hiroshi	1970-1980	
Carson, Meredith S.		
Ikeda, Kiyoshi	1981	
Ingle, Dwight	1964	
Inouye, Daniel K.	1980-1985	
International Chromosome Conference	1980	
International Commission on Zoological Nomenclature	1973-1974	
International Congress of Entomology	1972-1980	
-See also Ser.II, same title		
International Congress of Genetics	1973-1983	2 folders
-See also Ser.II, same title		

**Indexing Terms****Subject(s)**

☉ Conferences and symposia

☉ Crow, James F.

## Series I. Correspondence

**D**rosophila genetics  
**E**volution  
**I**nternational Congress of Genetics -- Fifteenth Congress  
**I**nternational Congress of Genetics -- Fourteenth Congress  
**I**nternational Congress of Genetics -- Thirteenth Congress  
**I**nvitations  
**M**edvedev, Zhores A.  
**P**opulation genetics  
**P**ublication  
**R**ussian politics and science  
**T**ravel -- Invitations, arrangements  
**U**npublished manuscripts, notes, etc.

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International Congress of Systematic and Evolutionary Biology	1972-1984
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-See also Ser.II, same title

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International Genetics Society	n.d.
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-See Ser.I, Genetics Society of Israel

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International Journal of Entomology	1973-1983
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-See also Ser.I, Gressitt, J. Linsey

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Jacobi, James	1978
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Jacobs, Patricia A.	1972
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Jaenike, John	1984-1986
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Jallon, Jean-Marc	1985
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Jeffery, Duane E.	1973-1978
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Johnson, George	1975
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Johnson, Ron	1978
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## Series I. Correspondence

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Johnson, Walter Erwin	1972-1975
Johnston, Spencer	1971
Jones, S.	1967-1968
Kambysellis, Michael P.	1971-1990
-See also Ser.I, Prakash, Satya	
Kamen, Martin D.	1978
Kanapi, Carmen	1967-1968
Kaneshiro, Kenneth Y	1977-1984
Bajana, Jose D..	
Kaufman, Thomas C.	1977
Kelly, Susan Jean	1978
Ketron, Inc.	1979
Kichuk, Maryanne R.	1980
Kidd, Kenneth K.	1973
Kidwell, Margaret G.	1979-1982
Kimura, Arthur	1980-1981
Kimura, M.T.	1976
King, Jack Lester	1976
King, Jean	1978
King, Max	1985
King, Robert C.	1982-1983
Kinsley, Richard N. Jr.	1964

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## Series I. Correspondence

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Kirby, G.C.	1971-1972
Kitagawa, Osamu	1978-1983
Kitaji, Gail	1978
Kjargaard, John	1978
Kluge, Arnold G.	1970
Koehn, Richard K.	1983
Krimbas, Costas B.	1962
Lambert, Dave	n.d.
-See I. Paterson, Hugh	
Lamoreux, Charles	1978
Ziegler, Alan	
Lande, Russell	1982-1983
Lee, Roberta E.	1981
Lenney, Jim	1978
Leon, Jorge	1956-1959
Leung, Lai Fun	1972
Lewin, Alfred S.	1982
Lewis, E.B.	1972
Lewis, Ralph W.	1980
Lightcap, Joy	1976
Lindsley, Dan L.	1978
Locke, Robert E.	1985

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## Series I. Correspondence

Lutheran High School Central	1959	
-See also Ser.III, "The Making of a Scientist"		
Lyttle, Terrence W.	1983-1985	
The MacMillan Company	1965-1966	
-See also Ser.II, Evolutionary Biology Book Idea		
Macroevolution Conference	1980	
-See also Ser.II, same title		
Maddox, Francis	1959	
Malcolm, Elizabeth Grace	1968-1969	
Manning, Jean	1977	
Manning, Raymond B.	1964-1976	
Mariano, Antonio D. Jr.	1972	
Martin, Jon	1981	
Mathewson, Robert F.	1965-1967	
Matsunga, Spark M.	1980-1985	
Matthews, Peter	1985	
McDougall, Ian	1985	
McGraw-Hill Book Company	1983	
Malecha, Spencer	1970	
Mayr, Ernst	1978-1986	7.0 Item(s)
-See also Ser.II, Proceedings of the National Academy of Sciences		

**Indexing Terms**

## Series I. Correspondence

**Subject(s)**

☉ongratulations, greetings, thanks -- National Academy of Sciences

☉rosophila genetics

☉ublication -- Evolution

☉eferee's report

☉an, C. C.

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Merritt, Robert B.	1970
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Micronesian Mission	1966
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Mid-Pacific Marine Laboratory	1979
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Miles, Simon	1979
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Missouri Botanical Garden	1975-1976
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-See also Ser.II, same title

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Missouri Conservation Commission	1944
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Modes and Mechanisms of Plant Speciation Symposium	1983-1984
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-See also Ser.II, same title  
-See also Ser.III, "Unification of Speciation Theory in Plants and Animals"

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Monyihan, M.	1960
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Canal Zone Biological Area

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Moore, John A. and Betty C	1978
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Moriwaki, Daigoro	1971
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Morton, Newton E.	1972
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Mosaic	1984
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## Series I. Correspondence

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Miura, Robert	1976
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Montgomery, S.L.	1976
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Mull, Mae E.	1980
United States. Department of Agriculture.	

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Muller, H.J.	1958
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Nair, Puliyampetta S.	1967-1983
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Namm, Ted	1982
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Narayanan, C.H.	1967-1968
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National Academy Press	1980
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National Academy of Sciences	1967-1989
-See also Ser.II, same title	

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National Association of Biology Teachers	1972-1975
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National <i>Drosophila</i> Species Resource Center	1982
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National <i>Drosophila</i> Research Conference	1982
-See also Ser.II, same title	

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National Institutes of Health Workshop on Population Genetics	1983
-See also Ser.II, same title	

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National Research Council	1980
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National Science Foundation	1968-1984
Callahan, James T.	
Scotti, Paul D.	

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## Series I. Correspondence

Natural History	1982	
Natural Resources Defense Council	1987	
Nature	1972-1976	
The Nature Conservancy of Hawaii	1989	
-See also Ser.II, same title		
Navarro C., Alfonso	1965	
Neel, James V.	1984	
Nevo, Eviatar	1972-1983	
Nieder Korn, Jack	n.d.	
-See Ser.I, Heatwole, Harold and Audrey		
Ohba, S.	1983	
Ohio State University		2 folders
Bioscience Colloquim	1984-1985	
-See also Ser.II, same title		
Franz Theodore Stone Laboratory	1959-1960	
Ohta, Alan T.	1976-1983	
Okada, Toyohi		2 folders
Folder #1	1975-1981	
Gressitt, J. Lindsley Entomologia Generalis		
Folder #2	1982-1987	
Grimaldi, David A.		

## Series I. Correspondence

Oliver, James A.	1964
Omenn, Gilbert S.	1978
Ordish, R.G.	1967
Oster, Irwin I.	1975
-See also Ser.VI, <i>D. melanogaster</i> --Speciation	
Owen, Robert P.	1967-1968
Pacific Insects	n.d.
-See Ser.I, International Journal of Entomology	
Pacific Science Congress	1965-1984
-See also Ser.I, Geo Journal	
-See also Ser.II, same title	
Parker, E. Davis	1985
Parsons, Peter A.	1971-1985
Pasadena Foundation for Medical Research	1962
Pastor, Carlos J. Riofrio	1976-1977
Some in Spanish	
Pasteur, Georges	1986
Paterson, Hugh	1978
Green, Chris	
Lambert, Dave	
Patrick, Ruth	1978
Patterson, H.E.	1980

## Series I. Correspondence

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Patterson, J.T.	1952
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Pavan, C.	1976
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Perkins, David D.	1978
International Congress of Genetics	

---

Phaff, Herman J.	1955
Dobzhansky, Theodosius	

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Phelps, Julie	1971
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Phi Beta Kappa	1962
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Phillips, John C.	1964
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Pipkin, Sarah B.	1960-1970
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Policansky, David	1971
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Poulson, D.F.	1959, 1974
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Powell, D.A.	1973
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Powell, Jeffrey R.	1977-1985
-See also Ser.I, Taylor, Charles E.	

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Powers, Dennis A.	1972
-See also Ser.IV, Powers, Dennis A., "Biochemical Mechanisms of Adaptation to Thermal Stress"	

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Prakash, Satya	1973-1979
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Proceedings of the Hawaiian Entomological Society	1982
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Proceedings of the National Academy of Sciences	1973-1986
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## Series I. Correspondence

Selander, Robert K.

-See Ser.II, same title

Provine, William B.	1983	2.0 Item(s)
Pulianas, Glenn	1976-1977	
Putnam, [Frank W.?.]	1979	
Pye, Quentin N.	1977	
Rabor, Dioscoria	1968	
Radio Americas, Inc.	1967	
Wilkinson, Robert		
Radovsky, Frank J.	1977	
Okada, Toyohi		
Raikow, Rody	1970-1973	
Randolph,	1978	
Raven, Peter H.	1979-1984	
Putnam, Frank W.		
Systematic Botany		
Reese, Ernst S.	1979	
The British Broadcasting Corporation.		
The Open University		
Resch, Kathleen	1970	
Research Corporation	1984	
Richardson, Richard H.	1978	
Richmond, Rollin	1976-1985	

## Series I. Correspondence

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Rick, Charles M.	1978
Rico, Marta	1977
Robb, Mrs. David B. (Sarah)	1985
Roberts, Henry B.	1967
The Rockefeller Foundation	n.d.
-See Ser.I Grant, Ulysses J.	
Rockwood, Susan	n.d.
-See Ser.I, Rockwood-Sluss, Susan	
Rockwood-Sluss, Susan	1970-1976
Rocky Mountain Biological Laboratory	1959
Rodell, Charles	1971
Rodenberg, Sidney D.	1978
Roig, Roy	1959
Rosen, Leon	1978
Royal Entomological Society of London	1978-1979
-See also Ser.II, Royal Society of London--Symposium on Insect Cytogenetics	
Rubinfeld, Paul Ira	1970
Seaholm, Glen	1978
Selander, Robert K.	1981-1985
Sene, F.M.	1976
Sheppard, Phillip M.	1973
Shields, William M.	1981

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## Series I. Correspondence

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Shifrine, Moshe	1955
Sabath, Michael D.	1972
Sabrosky, Curtis W.	1972
Saint Louis Consumer Federation	1963
Saint Louis University	1966-1967
Samuelson, G.A.	1981
Samuelson, Shirley	1982
Scandalios, John G.	1983
Scheuer, Paul J.	1978
Schonewald-Cox, Christine	1982-1987
	-See also Ser.I and Ser.II, United States. Department of State. Man and the Biosphere Program.
	-See also Ser.III, "The Genetics of Founder Effect"
Science	1964-1982
Science as a Way of Knowing Project	1985-1986
	-See also Ser.II, same title
	-See also Ser.III, "Patterns of Inheritance"
Scientists for Orlov and Shchansky	1978
Scossiroli, R.E.	1964
Scotti, Paul D.	n.d.
	-See Ser.I, National Science Foundation
Sigma Xi	1975-1980
	-See also Ser.II, same title

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**Series I. Correspondence**

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Simon, Christine M. 1979-1984

Archie, James W.  
Ariyoshi, George  
Templeton, Alan R.

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Simone, Albert J. 1985

---

Sing, Charles F. 1982

Templeton, Alan R.

---

Singh, B.N. 1973

---

Singh, Madho 1978-1984

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Singh, Rama S. 1981-1988

---

Slatis, Herman M. 1963

---

Snyder, 1978

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Society for the Study of Evolution 1946-1978 2 folders

-See also Ser.II, same title

**Indexing Terms****Subject(s)**

**B**usiness  
**C**onferences and symposia  
**E**ditorial matters -- Evolution  
**E**volution  
**P**opulation genetics  
**P**ublication  
**P**ublication -- Evolution

## Series I. Correspondence

## Society for the Study of Evolution

Spassky, Boris	1959	
Spiess, Eliot B.	1950-1982	
Spieth, Herman T.	1955-1963	
Spencer,	1952	
Stalker, Harrison Dailey	1967, 1978	5.0 Item(s)
Starmer, Thomas	1979	
Steiner, William W.	1974-1983	
Stevenson, Richard	1955	
Stone, Wilson S.	1955-1956, 1967	
Strauss, Lewis H.	1984	
Bernice Pauhi Bishop Museum		
Strominger, Jack L.	1978	
Stuart, W. Dorsey	1981	
Suarez, Teodoro	n.d.	
-See Ser.I, Charles Darwin Research Station		
Sunset House	1967	
Conners, George L.		
Sung, Kee Chang	1976	
Systematic Botany	1984-1985	
Takada, Harao	1966	



## Series I. Correspondence

Talbot, James J.	1979	
Tamada, Kathy S.	1982-1983	
Tan, Soon Guan	1975-1976	
Tang, Irene Wei	1967-1970	
Stalker, Harrison D.		
Taylor, Charles E.	1977-1979, n.d.	
Powell, Jeffrey R.		
Taylor-Campbell, Lois	1972	
Templeton, Alan Robert	1970-1984	60.0 Item(s)
Teremoto, Linden	1974-1975	
Thirtle, Barbara	1974	
Thompson, James N., Jr.	1977-1985	
Thomson, John A.	1973	
Thornton, I.W.B.	1984	
Throckmorton, Lyn H.	1973	
Tjio, J.H.	1970	
Tobari, Yoshiko N.	1983	
Toda, Masanori J.	1984	
Tompkins, Laurie	1986	
Towle, Edward L.	1970	
Trifonov, Edward	1978	
Perkins, David D.		

## Series I. Correspondence

Trust Territory of the Pacific Islands	1965-1966
Tsalickis, Mike	1960
Turner, Bruce	1983
Unidentified	1945-1989
United Fruit Company	1959
United States	
Department of Agriculture	2 folders
Folder #1	1974-1985
Bernice Pauahi Bishop Museum Inoue, Daniel K. United States. House of Representatives. Subcommittee on Agriculture, Rural Development and Related Agencies.	
Folder #2	1986-1987
Department of the Interior	1978
Department of State. Man and the Biosphere Program	1981-1982
-See also Ser.I: Clegg, Michael T.; Powell, Jeffrey R.; Schonewald-Cox, Christine; Selander, Robert K.; Templeton, Alan R. -See also Ser.II, same title -See also Ser.III, "The Genetics of Founder Effect"	
Department of Transportation. Federal Aviation Administration.	1967
Atkins, Gus	
Environmental Protection Agency	n.d.

**Series I. Correspondence**

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-See Ser.I, University of Hawaii, folder #4

---

House of Representatives. Subcommittee n.d.  
on Agriculture, Rural Development and  
Related Agencies

-See Ser.I, United States.  
Department of Agriculture.

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United States-Japan Cooperative Science Program	1978-1979	
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University of Arkansas	1973-1974	
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-See also ser.III, "Evolutionary Biology: Its Value to Society"--Lecture

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University of California	1963	
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University of Chicago	1966	
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University of Michigan	1980	
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University of Hawaii	1970-1985	7 folders
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-See also Ser.II, same title

**Indexing Terms****Subject(s)**

**B**iographical and personal data

**B**usiness

**C**ommittee activities

**C**onferences and symposia

**D**rosophila genetics

**E**ducational matters

**E**volution

## Series I. Correspondence

Laboratory techniques, equipment  
 Lectures, public speaking  
 Population genetics  
 Teaching  
 University of Hawaii

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Folder #1	1970-1976
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Folder #2	1977-1980
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Folder #3	1981-1982
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Folder #4	1983-1985
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United States. Environmental Protection Agency.

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Harold L. Lyon Arboretum.	1970-1971
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-See also Ser.VII, "The Ecology of *Drosophila* Breeding Sites"

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Research Advisory Council	1985
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-See also Ser.II, same title

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Workshop on Population Structure	1972-1973
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-See also Ser.II, same title

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University of Witwatersrand, Johannesburg	1984
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Velasquez, Carmen	1968
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Villa, Jaime	1975-1977
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Vrba, Elizabeth S.	1980-1983
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Wagner, Warren L.	1985
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Wahrman, Jacob	1978
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Perkins, David D.

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## Series I. Correspondence

Wallace, Bruce	1973-1983	3.0 Item(s)
Ward's Natural Science Establishment	1952-1956	
Washington University	1942-1966	
Wasserman, Marvin	1963-1979	
Thompson, James N., Jr.		
Watanaka, Takao K.	1970-1971	
Wau Ecology Institute	1978	
Weinrich, D.H.	1944	
Wei, Irene Yi-Lien	n.d.	
-See Ser.I, Tang, Irene Wei		
Weld, Lewis H.	1952	
Whiting, P.W.		
Wheeler, Marshal R.	1952-1992	2 folders
Folder #1	1952-1973	
Heed, William		
Folder #2	1976-1992	
White, Michael J.D.	1971-1978	
Whitehall Foundation	1985	
Whiting, P.W.	1952	
Wilkinson, Robert	n.d.	
-See Ser.I, Radio Americas, Inc.		
Wilson, Alan C.	1984-1985	

## Series I. Correspondence

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Wilson, Mark	1978
<hr/>	
Wirth, Willis W.	1964
<hr/>	
WNET Educational Broadcasting Corporation	1973
<hr/>	
Wodzicki, Kazimierz	1967
<hr/>	
Woodruff, David S.	1979-1981
-See also Ser.I, Atchley, William R.	
<hr/>	
Woodward, Dow O.	1982
<hr/>	
Wool, David	1985
<hr/>	
Yankelvich, Efrem	1978
Perkins, David D.	
<hr/>	
Yanofsky, Charles	1982
<hr/>	
Yoon, Jong Sik	1972-1980
<hr/>	
Zouros, Eleutherios	1978-1981
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Ziegler, Alan	n.d.
-See Ser.I, Lamoreux, Charles	

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## Series II. Subject files

**Series II. Subject files****1946-1989****1 lin. foot**

Symposium programs, including Carson's handwritten notes on lectures given by participants; clippings, biographical materials; reviews of grants, project proposals, and manuscripts; technical reports; and administrative materials relating to professional organizations or university committees on which Carson served. The bulk of the materials are dated between 1970 and 1989. Folders are arranged alphabetically by topic, and items within the files are arranged chronologically.

The Academy of Natural Sciences

1985

Accademia Nazionale Dei Lincei

1981

-See also Ser.III, "Speciation as a Major Reorganization of Polygenetic Balances"

American Academy of Arts and Sciences

1974

2 folders

Conference on the Synthesis in Evolutionary  
Biology

American Association for the Advancement  
of Science 1955-1987

American Council of Learned Societies

1983

The American Naturalist

1974-1983

American Society of Naturalists

1971-1978

Association of Systematic Collections

1982

-See also Ser.III, "Speciation and the Founder Effect on New Oceanic Island"

Association for Tropical Biology

1969

Australian-American Educational  
Foundation

1981

Australian Academy of Science

1985

Australian National University. Research  
School of Biological Sciences.

1985

## Series II. Subject files

Australian Research Grants Committee	1978-1986, n.d.
Bernice Pauahi Bishop Museum	1978
Biographical Materials	1971-1981
Brigham Young University	n.d.
The British Broadcasting Corporation	2 folders
"The Life Game"	1973
The Open University	1978-1980
Charles Darwin Foundation	1976
Clippings	n.d.
Colonization, Succession and Stability Symposium	1985
-See also Ser.III, "Colonization and Speciation"	
CRC	1986
European <i>Drosophila</i> Population Biology Group	1975
Evolution	1986
Evolutionary Biology Book Idea	1966
-See also Ser.I, The MacMillan Company	
Evolutionary Processes and Theory -- Workshop	1985
-See also Ser.III, "Sexual Selection and Speciation"	
-See also Ser.VII, same title	
1983	



## Series II. Subject files

Genetic Microdifferentiation in Human and  
Other Animal Populations -- International  
Symposium

---

The Genetics and Biology of *Drosophila* 1978

-See also Ser.I, Thompson, James N. Jr.

---

Genetics Society of America 1975-1983

---

Genetique, Selection, Evolution 1985

---

Greater Saint Louis Citizens' Committee for  
Nuclear Information 1958

---

Guggenheim Memorial Foundation 1982-1983

---

Hapu'u Harvesting Operations 1979

---

Hawaiian *Drosophila* Project 1980

---

HCBI Small Grants Program 1989. n.d.

---

Heredity and Human Life 1963-1965

---

Howard Hughes Medical Institute -- 1984  
Molecular Biology and Evolutionary Theory  
Workshop

---

International Congress of Entomology 1970-1980

---

International Congress of Genetics 1973-1983

---

International Congress of Evolutionary  
Biology 1980-1985

---

Lerner Marine Laboratory 1964

---

Macroevolution Conference 1980

-See also Ser.III, "Stochastic Escape From Stasis"

## Series II. Subject files

-See also Ser.IV, Rosenweig, Michael L., "Evolutionary Theory is Not Even Wounded"

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Michigan State University	1983
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Missouri Botanical Garden	1959-1975
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Modes and Mechanisms of Plant Speciation Symposium	1983-1984
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National <i>Drosophila</i> Research Conference	1978-1984	2 folders
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-See also Ser.III, "Selection for a Courtship-Related Male Character in *Drosophila silverstris*"

### Indexing Terms

#### Subject(s)

Conferences and symposia

*Drosophila* genetics

Lectures, public speaking

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National Institutes of Health Workshop on Population Genetics	1983
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-See also Ser.III, "New Research Directions in Population Genetics and Evolution"

See also Ser.IV, Hartl, D.L., "Population Genetics Assessment"

-See also Ser. IV, Weir, Bruce, "Topics in Population Genetics: Introduction to the Program"

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National Science Foundation	1966-1989
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The Nature Conservancy of Hawaii	ca. 1980s
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Ohio State University -- Biosciences Colloquium	1985
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Pacific Science Congress	1966, 1983
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-See also Ser.III, "Genetical Processes of Evolution on High Oceanic Islands"

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## Series II. Subject files

Physiological Zoology	n.d.
Proceedings of the National Academy of Sciences	1986-1988
Revista Brasileira de Genetica	1986-1989
Royal Society of London Symposium on Insect Cytogenetics	1979
Science	1981-1984
Science and the Media	1985
-See also Ser.IV, Locke, Robert, "Hawaiian Medflies"	
-See also Ser.IV, Moore, Barbara, "Scientific Sources' Perception of Network News Accuracy"	
Science as a Way of Knowing Project	1985-1986
Sigma Xi	1946-1980
The Society for the Study of Evolution	1975-1977
-See also Oversize	
The Society for Pacific Evolutionary Biology	1981
-See also Ser.II, University of Hawaii. Hawaii Evolutionary Biology Project.	
Saint Louis University -- Symposium on Meeting the Population Problem.	1968
-See also Ser.IV, Dobzhansky, Theodosius. "Contribution of Population Genetics"	
Tri-Fly Eradication Program	2 folders
Folder #1	1978-1984
Folder #2	1985

## Series II. Subject files

## United States

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Department of Agriculture	1986-1987	
Department of State. Man and the Biosphere Program	1982	
United States-Japan Cooperative Science Program	1978	
-See also Ser.VII, same title		
Universita Di Pavia -- Symposium on Genetics of Population Structure	1954	
University of Hawaii		4 folders
University of Hawaii	1972-1984	
-See also Oversized		
Hawaii Evolutionary Biology Program	1981-1983	
2 Folders		
Research Advisory Council	1985	
Workshop on Population Structure	1972	
University of Michigan	1956	

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**Series III. Works by Carson**

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**Series III. Works by Carson****1951-1985****2.75 lin. feet**

Handwritten and typed notes and drafts of reviews, lectures, articles, and a book. This series is arranged alphabetically by title. For each work, the notes, drafts, and published versions are filed together.

Lectures contained here are either single or a short series of talks that Carson gave as guest speaker; lectures used in Carson's courses are in Series VI. Works co-authored by Carson appear in this series.

The works in this series represent Carson's professional and civic concerns. Topics include his scientific research, effects of radiation fall-out on humans, race and human heredity, the teaching of evolution versus creationism, and the modern synthesis of evolution. Letters to Brazil (1951) is one of the earliest works included in this series. This unpublished book manuscript comprises letters that Carson wrote to his wife during his extensive stay in Brazil. The letters, modeled after a similar work by Dobzhansky (see Ser.I, Glick, Thomas), reveal Carson's first impressions and observations of Brazilian life and culture.

Not individually listed.

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## Series IV. Works by others

## Series IV. Works by others

1949-1987

1 lin. foot

Notes, articles, and lectures written by Carson's students and professional colleagues. Some of the articles were used by Carson as course materials; others were reviewed by Carson for publication. The author best represented is Alan R. Templeton. This series is arranged alphabetically by author and then by title. Works authored by more than one individual are filed under the surname of the first person listed in the by-line.

[Ambul, L.]

n.d.

"Parthenogenesis and Inheritance of Spur in  
*D. mercatorum*"

American Society of Zoologists.

31 August 1959

"Evolution"

Annest, Joseph Lee

1973

[ *D. mercatorum* Mosaics Notes]-See also Ser.VII, *D. mercatorum* -- Mosaics

Asher, James H. Jr.

n.d.

"Systems of Reproduction. II. The Influence  
of Linkage and Fitness Upon the Genetic  
Structure of Automictic Parthenogenetic  
Populations."

Atkinson, Carolyn

1965

"Selection for Sexual Isolation of  
Parthenogenetic Females of *Drosophila*  
*mercatorum*"

Band, Henrietta T.

1984

"Multiple Host Plant Utilization by  
*Chymomyza Amoena* in Mid-Michigan via  
Interspecies Dependence"

Barton, N.H.

1984

## Series IV. Works by others

"Genetic Revolutions' in Relation to Speciation"

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**Beitch, Beverly** 1963

[Notes on Tests of 1961 Australian Populations of *D. mercatorum*]

---

**Beitch, Beverly** 1964

"Sexual Propensity in *Drosophila buzzatti*"

---

**Beverley, Stephen M.** 1984-1985

"Ancient Origin For Hawaiian Drosophilinae Inferred From Protein Comparisons"

---

**Bishop, John** 1981

"Conservation of Gene Pools"

---

**Blight, William C.** 1955

"A Cytological Study of Linear Populations of *Drosophila americana* Near Saint Louis, Missouri"

---

**Carlson, Terry A.** 1980

"Genetics and Medical Ethics"

-See also Ser. VI, Genetics and Human Affairs (Genetics 625)

---

**Clemont, Eileen Frances** 1969

"Linkage Studies for Vermillion, Droopy and Ebony Characters in *D. mercatorum*"

---

**Conant, Patrick** 1978

"A Test of the Attraction of Non-Target Insects to a Poison Fruit Fly Lure Composed of a Mixture of Methyl Eugenol and Malathion"

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## Series IV. Works by others

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<b>Crews, David and Dacanay, Jann Hisae</b>	1986
<b>(Takenaka)</b>	
[Egg-Counting Data] -- Notes	

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<b>Dacanay, Jann Hisae (Takenaka)</b>	1984
"Asymmetrical Sexual Discrimination Amongst Three Allopatric Populations of <i>Drosophila mercatorum</i> "	

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<b>Dacanay, Jann Hisae (Takenaka)</b>	1985-1987
"Sexual Performance in a Bisexual Strain of <i>Drosophila mercatorum</i> and Two Parthenogenetic Strains Derived from It", 2 Folders	
-See also Oversized	

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<b>Dobzhansky, Theodosius Grigorievich,</b>	1968
<b>1900-1975</b>	
"Contribution of Population Genetics"	

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<b>Dobzhansky, Theodosius and Jeffrey R.</b>	n.d.
<b>Powell, Charles E. Taylor, and Michael Andregg.</b>	
"Ecological Variables Affecting the Dispersal Behavior of <i>Drosophila</i> <i>pseudoobscura</i> and Its Relatives"	

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<b>Val, Francisca Carolina do</b>	1980
[Cilia of <i>Drosophila silvestris</i> ]	

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<b>Ehrman, Lee</b>	1986
"Reproductive Isolation in a Neotropical Insect: Behavior and Microbiology"	

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<b>Freire-Maia, dertia</b>	1973
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## Series IV. Works by others

"Diploidization in the Eggs of  
Parthenogenetic Strains of *D. mercatorum*"

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**Geckeler, Bill** n.d.

"Some Aspects of Early Development in  
*Drosophila* Thelytokytes"

---

**Hartl, D.L.** 1983

"Population Genetics Assessment"

---

**Henslee, Earl Dean** 1965-1966

"Sexual Isolation in a Parthenogenetic Strain  
of *Drosophila mercatorum*"

---

**Jaenike, John** 1984

"Genetic and Environmental Determinants  
of Food Preference in *Drosophila*  
*tripunctata*"

---

**Kidwell, Margaret G.** 1982

"Evolution in Hybrid Dysgenesis  
Determinants in *Drosophila melanogaster*"

---

**Kinsley, Richard N. Jr.** 1956

Oviposition on Yeasts -- Notes

---

**Lipke, Mary Ann** n.d.

[Notes on *Drosophila* Crosses]

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**Locke, Robert** 1985

"Hawaiian Medflies"

-See also Ser.II, Science and the Media

---

**Lohrman, Donna** 1981

"The Evolution of Insect Resistance to  
Malathion"

---

**Manser, W.** 1976

## Series IV. Works by others

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"Outline Geology of Papua New Guinea"

---

**Mayr, Ernst, 1904-2005** 1974

"How I Became a Darwinian"

---

**Mayr, Ernst, 1904-2005** 1978

"Some Informal Comments Recorded While  
Reading White's Modes of Speciation"

---

**Moore, Barbara and Michael Singletary** 1985

"Scientific Sources' Perception of Network  
News Accuracy"

-See also Ser.II, Science and the Media"

---

**Moore, John A., Charles E. Taylor and  
Betty C. Moore** ca. 1974

"The *Drosophila* of Southern California. I.  
Colonization After a Fire"

---

**Nevo, Eviatar, Rachael Ben-Shlomo and  
Batia Lavie** 1983

"Mercury Selection of Allozymes in Marine  
Organisms: Prediction and Verification in  
Nature"

-See also Ser.I, Proceedings of the National Academy of Sciences

---

**Okada, Toyohi** 1980

"Synhospitalic Evolution of *Drosophilella*  
Species" -- Lecture

-See also Ser.II, International Congress of Entomology

-See also Ser.III, "The Ecology and Evolution of Some Flower-Breeding *Drosophilidae* of New  
Guinea" -- Lecture

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**Powers, Dennis A.** 1972

## Series IV. Works by others

"Biochemical Mechanisms of Adaptation to Thermal Stress"

---

**Ragan, Joanne** 1970

"Parthenogenetic Diploidization in *Drosophila mercatorum*"

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**Rosenzweig, Michael L.** 1980

"Evolutionary Theory is Not Even Wounded"

-See also Ser.II, Conference on Macroevolution

---

**Sabath, Michael D. and J. Michael Jones** 1972

"Measurement of Niche Breadth and Overlap: The Coldwell-Futuyma Model"

---

**Sage, Richard D., J.B. Whitney III and A.C. Wilson** 1986

"Genetic Analysis of a Hybrid Zone Between domesticus and musculus Mice (*Mus musculus* Complex): Hemoglobin Polymorphisms"

-See also Ser.VI, Genetics of Racial Differences (Zoology 415)

---

**Sage, Richard D., Donald Heyneman, Kee-Chong Lim, and Allan C. Wilson** 1986

"Wormy Mice in Hybrid Zone"

-See also Ser.VI, Genetics of Racial Differences (Zoology 415)

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**Snyder, Sally Lee H.** 1967

"X-Ray Induced *Drosophila* Mutations Screened by Use of Parthenogenetically-Reproducing Females"

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**Spector, Elaine B.** 1969

## Series IV. Works by others

## Genetics Project

<b>Steiner, Christine</b> [Project Plans]	Summer 1963
<b>Taylor, Charles E.</b> "Habitat Choice in Natural Populations of <i>Drosophila</i> "	n.d.
<b>Templeton, Alan Robert</b> "Density Dependent Selection in Parthenogenetic and Self-Mating Populations"	n.d.
<b>Templeton, Alan Robert</b> "The Evolutionary Biology of <i>Drosophila</i> <i>mercatorum</i> "	1974-1977
<b>Templeton, Alan Robert</b> "The Mechanism of Parthenogenesis and the Inheritance of Light in <i>Drosophila</i> <i>mercatorum</i> "	1969
<b>Templeton, Alan R. and Charles F. Sing</b> "Parthenogenesis as a Strategy for Studying Genetic Organization"	n.d.
<b>Thompson, James N. and C.G. Nicholas</b> <b>Mascie-Taylor</b> "Detection of Simple Polygenic Segregations in a Natural Population"	1985
<b>Tryon, R.M. Jr.</b> Plant Geography (Botany 465) -- Lecture Notes	1949-1950
<b>Villa, Jaime</b>	n.d.

Series IV. Works by others

---

"Ecology of Drosophilid Breeding Sites"

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**Villa, Jaime** 1975

"Frog Embryos: An unusual Feeding Niche"

---

**Watanabe, Takao K. and Masaoki** 1978

**Kawanishi**

"Mating Preferences and the Direction of  
Evolution in *Drosophila*"

---

**Wei, Irene Yi-Lien** 1968

"Mode of Inheritance and Sexual Behavior  
in the Parthenogenetic Strains of *D.*  
*mercatorum*"

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**Weir, Bruce S.** 1983

"Topics in Population Genetics: Introduction  
to the Program"

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## Series V. Research notes

**Series V. Research notes****1921-1993****3.5 lin. feet**

Field notes and experimental data, which are usually filed either by species or geographic location. In this series, the genus "Drosophila" is abbreviated "D," when it appears with a species name in a folder title. The bulk of this series concerns Carson's work with *D. mercatorum* between 1961 and 1985. Also included here are Carson's personal pocket notebooks (1943-1993), which he used for jotting down information ranging from the logistical details of field trips to observations and ideas about his research.

Australia -- *Drosophila* Species

n.d.

Bahamas, 2 Folders

1964-1965, n.d.

-See also Ser.VII, *D. carcinophila* -- Bahamas

Banana Trap Summaries

1946-1966

-See also Oversized

Blood Parasites in Common Birds

1944

Caribbean *Drosophila* -- Notebook

n.d.

Cayman Islands

1967

Christmas Island

1961

-See also Extra-oversized

-See also Ser.VII, same title

Darien, Bogota

1960

*D. americana*

4 folders

Cytology

1951-1952, 1970, n.d.

Experiment #A1

n.d.

Florida

1962-1967

Salivary Glands

1950s

## Series V. Research notes

-See also Oversize

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*D. bocainensis* -- Central America 1956

---

*D. bocainensis*- *parabocainensis* -- 1951-1953, n.d.  
Cytology of Hybrid \$\$

-See also Ser.VII, same title

---

*D. buzzatii* n.d.

-See also Ser.VII, *D. stalkerii* and *D. buzzatii*

---

*D. capricorni* and *fumipennis* Chromosome n.d.  
Variability

---

*D. carcinophila*

---

*D. carcinophila* n.d.

-See Oversized

---

Montserrat 1963-1964

---

Infections of *Gecarcoidea ruricola* 1965

---

*D. carsoni* 1950s

---

*Drosophila* Ecology 1948-1949

-See also Ser.VII, same title

---

Book 1 1948-1949 2 folders

---

Book 2 1949

---

*Drosophila* Identification Keys 1921, 1953-1954, n.d.

---

*D. endobranchia* 1965-1966, n.d.

-See also Ser.VII, same title

---

*D. immigrans* n.d.

## Series V. Research notes

-See also Ser.VII, same title

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*D. mangabeirai*

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<i>D. mangabeirai</i>	1950-1960	
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-See also Ser.VII, same title

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Experiment #K1	1957-1958	
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Experiment #K2	1958	
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*D. melanogaster*

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Chromosomes	1955?	
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Experiments W-1 and W-2	1958	
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M6-A,B,C,D, Strong Selection Experiments #1 and #2	1959-1961	2 folders
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Speciation	1975	
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Transduction Experiment	n.d.	
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[ <i>D. melanogaster</i> ] -- O5 C and D Coadaptation Experiments #1 and #2	1960-1963	2 folders
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*D. mercatorum*

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<i>D. mercatorum</i>	1983-1985	
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Bridge Stocks	1970-1984	
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Columbia, Peru, and Brazil	1964-1973	
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Diploidization	1970-1975	3 folders
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Fertility of Sons of Partheogenetic Stocks	1972-1981	
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Hawaii Wild Strains	1963-1967	
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## Series V. Research notes

Individual Performance in Parthenogenesis Females of RS-3 \$	1962	
Linkage Groups	1969-1972	
Mating Propensity	1971-1973; 1983-1984	4 folders
Mating Propensity: Effect of O-3-Im on Salvador	1974-1982	2 folders
Mating Propensity: Variation in S-1 Im	1982	3 folders
Parthenogenetic Isolates -See also Oversized	1972-1973	
Polytene Chromosomes -See also Ser.VII, same title	1966	
Project Ideas	1973, 1976	
Rates of Parthenogenesis	1973	
Rates of Parthenogenesis: R-3 Iso Females	n.d.	
Selection for Parthenogenesis	1962-1969	
Selection for Parthenogenesis: Rochester-1 (R-11-Bi)	1961-1963	
Selection for Parthenogenesis: Rochester x Salvador	1961-1965	
Selection for Parthenogenesis: SO and OB Lines	1966	
Spermatheca	n.d.	
Stock Lists	1975-1981	

## Series V. Research notes

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x <i>D. paranensis</i>	1970-1973
-See also Ser.VII, same title	
XO Males	1969-1983
X-Ray Experiments	1967-1971
<i>D. parthenogenetica</i>	n.d.
<i>D. repleta</i>	1963, n.d.
-See also Ser.VII, <i>D. repleta</i> -- Puerto Rico	
-See also Ser.VII, <i>D. repleta</i> -- Chromosomes	
<i>D. stalker</i>	1963
-See also Ser.VII, <i>D. stalker</i> -- Puerto Rico	
<i>D. sulfurigaster</i> -- Parthenogenesis Test	n.d.
Exotic DNA Notes	1984
Galapagos	1970s
<i>Gecarcinus lateralis</i> Kodachromes	n.d.
Japan	1966
-See also Ser.VII, same title	
M5 A and B Coadaptation Experiment	1959-1962
Marshall Islands	1966
Meramec River Project	1950-1955
-See also Ser.I, Unidentified, 31 January 1955	
Mating Capacity in O-3-Im Females	1971
Mycetobia and Schildomyia	n.d.

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## Series V. Research notes

Notebooks		4 folders
Folder #1	1953-1960	
Folder #2	1962-1964	
Folder #3	1965-1969	
Folder #4	1977-1993, n.d.	
Oogenesis In Lonchoptera	n.d.	
Origin of Parthenogenesis	1986	
Pacific and Latin America	1966	
-See also Oversized		
Papau New Guinea		3 folders
Papau New Guinea	1960s-1980s	
<i>Drosophila</i> Species Groups		2 folders
Folder #1	1977	
Folder #2	[1960-1980]	
Parthenogenesis Experiments	n.d.	
Puerto Rico Ecology and <i>Drosophila</i>	1955-1964, n.d.	
-See also Ser. VII, same title		
Polymorphism in <i>Gecarcinus</i>	1965	
-See also Ser.VII, same title		
Sciara	ca. 1950	
Sigma Virus Project	1975-1976	
Slime Fluxes	1949-1952	

## Series V. Research notes

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Sonoran Desert at Soldier's Trail	1967
Special Techniques and Baits	1940s-1970s
Species Work Sheet	n.d.
Sunflower Cecidomyiids	1945
-See also Ser.VII, same title	
Tyson Valley	1966
Water Hazard Experiments with <i>Drosophila</i>	n.d.
West Indies Collecting Areas	1965-1966
Yosemite Region, California and <i>Drosophila</i> Ecology	1950
-See also Oversized	

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## Series VI. Course material

<b>Series VI. Course material</b>	<b>1943-1986</b>	<b>2.5 lin. feet</b>
Lectures that Carson gave for courses at Washington University and the University of Hawaii. Course numbers are given on the folder when a particular number appeared frequently in the course materials. Nine files include materials for a course titled Evolution and Genetics (Zoology/Biology 415-416), which Carson apparently team taught with Harrison Stalker for a certain period of time.		
British Broadcasting Corporation -- The Open University	n.d.	
-See Ser.II, same title		
Chromosome Aberations	1971-1973	
Cytogenetics Seminars	1953-1967	
Cytology (Zoology 426)		3 folders
Folders 1-2	[1940s-1970s]	2 folders
Exams	1943-1964	
Diploidization	1973-1974	
<i>D. mercatorum</i> Fusion Experiment (Genetics 671)	1982	
Eugenics (Zoology 204)	1951, n.d.	
Evolution and Genetics (Zoology/Biology 415-416)		9 folders
Folders 1-8	[1940s-1970s]	8 folders
Notes on Harrison D. Stalker's Lectures	1957-1959	
Evolution Lectures	1951, 1983-1984, 1987, n.d.	
Evolution Seminar	1948	
Evolutionary Genetics (Genetics 604)	1970-1986	3 folders

## Series VI. Course material

Evolutionary Genetics Examinations	1959-1986	
Founder Evolution	n.d.	
Frequency-Dependent Selection	n.d.	
Genetic Variability in Natural Populations	1970-1986	
Genetics and Human Affairs (Genetics 625)	1980-1981	
Genetics Seminar	1972-1973	
Geographical Speciation	n.d.	
Hereditarian Attitudes	1964	
Histology (Zoology 425)	1946-1963	3 folders
Introgression	n.d.	
Isolation	n.d.	
Meiosis-Syngamy Chiasma Lore	n.d.	
Microbiological Genetics	n.d.	
Mobile Genetic Element	1985	
Modern Evolutionary Theory (Zoology 202-203)	1954,1960	
Narcissus Material	1960-1969	
Natural History of the Hawaiian Islands (Botany/Zoology 450)	1972	
Natural Examples of Selection	n.d.	
Nucleus and Nucleic Acids (Biology 415-444)	1960-1965, n.d.	
Parisitology (Zoology 417-418)	1943-1950	3 folders

## Series VI. Course material

Parthenogenesis	1958	
Polyploidy-Aneuploidy and Evolution	n.d.	
Population Genetics (Biology 416) -- Normalizing Selection	1974, n.d.	
-See also Ser.VI, Evolutionary Genetics (Genetics 604)		
Principles of Genetics (Genetics 451)	1971-1972	
Random Drift	n.d.	
Qualifying and Comprehensive Examinations	1974-1975	
Selected Topics in Genetics in Relation to Cancer	1971-1972	
Summer Institute of Zoology for College Teachers -- Lectures in Evolutionary Genetics	1956	
Sympatric Speciation	n.d.	
Techniques in Genetics (Genetics 671)	1965-1984	4 folders
-See also Oversized		
University of California. Perspectives in Genetics Seminar (Genetics 199)	n.d.	
-See Ser.III, "The Genetics of Marginal vs. Central Populations" -- Lecture		
Zoology 444	1964, 1969	
Includes notes on <i>Tradescantia</i> , Dandelions, <i>Drosophila</i> Projects, and Selection Experiment		

## Series VII. Photographs

Series VII. Photographs	1948-1985	0.5 lin. feet
Prints, slides, and negatives. The photographs are primarily related to Carson's research, and they appear in files with the same title to a corresponding file in Series I, II, or V with which they are cross-referenced.		
[ADH Gene]	1983	
Ahuja, Yog	1993	
Carson, Hampton L. -- Portraits	1960-1970?	
Carson, Hampton Lawrence -- Visa	1978	
Carson, Meredith S. -- Visa	1978	
"Change in a Secondary Character as Evidence of Incipient Speciation in <i>Drosophila silvestris</i> "	1979	
Christmas Island	1961	
"Chromosomal Sequences and Interisland Colonizations in Hawaiian <i>Drosophila</i> "	1983	
"Chromosomal Tracing of Evolution in a Phylad of Species Related to <i>Drosophila hawaiiensis</i> "	1975	
"Drosophilidae Associated with Flowers in Papau New Guinea. I. <i>Colocasia esculenta</i> "	1979	
<i>D. bocainsensis-parabocainsensis</i> Cytology of Hybrid \$\$	1951, 1953	
<i>D. carcinophila</i>		
<i>D. carcinophila</i>	n.d.	
Bahamas	1965	



## Series VII. Photographs

Montserrat	1963-1964
<i>Drosophila</i> Ecology	
Book 1	1948-1949
Book 2	1949
<i>D. endobanchia</i>	1965
<i>D. immigrans</i>	n.d.
<i>D. mangabeirai</i>	ca. 1960
<i>D. melanogaster</i> -- Chromosomes	1955?
<i>D. mercatorum</i>	
Mosaics	1973
Polytene Chromosomes	1966
Spermatheca	n.d.
x <i>D. paranaensis</i>	1970-1973
<i>D. repleta</i>	
Chromosomes	n.d.
-See also Oversized	
Puerto Rico	n.d.
<i>D. stalkeri</i>	
Montserrat and Puerto Rico	n.d.
and <i>D. buzzatti</i>	n.d.
"The Ecology of <i>Drosophila</i> Breeding Sites" 1970-1971	
	1985

## Series VII. Photographs

Evolutionary Processes and Theory --  
Workshop

Genetic Microdifferentiation in Human and 1983  
Other Animal Populations Symposium

-See Oversized

Hsu, T.C. -- Human Spleen Cell 18 April 1952

Ikeda, Hiroshi -- BCR5 (Slow Mating 19 August 1975  
Strain)

Japan 1966

From H. Ikeda

"Metaphase Karyotype Identity in Four 1985  
Homosequential *Drosophila* Species From  
Hawaii"

Papau New Guinea 1977

Polymorphism in *Gecarcinus* 1965

Puerto Rico Ecology and *Drosophila* n.d.

Sunflower Cecidomyiids 1945

Techniques in Genetics (Genetics 671) #2 1965-1984

"Three Flies and Three Islands: Parallel 1974  
Evolution in *Drosophila*"

**United States-Japan Cooperative Science 1978  
Program.**

Universita Di Pavia -- Symposium on 1953  
Genetics of Population Structure