

**Marine Biological Laboratory
Archives**

Sally Hughes Schrader Collection (1895-1984)

Collection PC-MBL-Schrader, AC 2004-18
(One 17.5" x 8.5" x 3.5" box)

Processed by
Jean Monahan

Archives of the Marine Biological Laboratory
7 MBL Street
Woods Hole, MA 02543
April 14, 1998

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BIOGRAPHY

Sally P. Hughes was born in 1895 in Hubbard, Oregon, and spent her early years on the west coast. After completing her undergraduate studies, she was accepted at Columbia University where she majored in protozoology and obtained her M.A. there in 1922. A student of Gary N. Calkins, James McGregor and Edmund Beecher Wilson, she later earned her Ph.D. at Columbia in 1924.

She embarked on a successful teaching career at Bryn Mawr College and later at Columbia University. She was Professor of Zoology and the head of the Biology Department at Barnard College. Although she was known as an enthusiastic teacher, she also gained recognition for her scientific research. She performed the first complete dissection of the cranial nerves of the

dogfish (*Squalus icanthias*) and made studies of hapoidy, parthenogenesis, hermaphroditism, and the life cycle of insects.

She came to Woods Hole in the summer of 1918 as a student from Grinnell College and was enrolled in the embryology course at the MBL. In 1922, she was listed as an instructor at Bryn Mawr and was a student in the MBL's protozoology course. In 1925, she returned to the MBL as an Independent Investigator in Zoology and continued in this capacity for several years. She later became a Life Member of the MBL Corporation.

In 1920, she married Franz Schrader, the eminent cytologist and geneticist. An excellent athlete, she enjoyed swimming, racing, and canoeing, and with her husband, partook of the quieter leisure activities of camping and fishing. While at Woods Hole, the Schraders kept a catboat, a broad-beamed sailboat similar to the Chesapeake Oyster boat, and their bountiful catches were invariably shared with the people at the MBL.

A witty and independent spirit, Sally Hughes Schrader was deeply dedicated to teaching and to scientific research and earned from her scientific contemporaries respect and appreciation for her abilities and accomplishments.

PROVENANCE

The Sally Hughes Schrader Collection was given by Sheila Counce Nicklas, Department of Cell Biology, Box 3011, Duke University Medical School, Durham, NC 27710, to the MBL Archives through Dr. and Mrs. Robert Huettner. Ms. Counce was a friend of Sally Schrader and acquired the collection upon Ms. Schrader's death. Ms. Counce was told of the MBL's interest in acquiring papers and photographs of scientists who had worked at the MBL by Jane Maienschein. Dr. Maienschein informed her that Dr. Robert Huettner, Dr. Alfred Huettner's son, and Mrs. Huettner volunteered in the Archives at the MBL. The MBL welcomed the Schrader Collection. The second box of photographs and memorabilia was sent to the MBL by the Schrader family through Dr. and Mrs. Huettner.

ARRANGEMENT

The original arrangement of this collection was maintained. However, the letters to E. B. Wilson were filed in chronological order and copies made to avoid handling of the originals.

SCOPE AND CONTENT

The Sally Hughes Schrader collection includes approximately 100 pictures of scientists at work and play during the 1920's - 1950's. There are also copies of portraits of eminent scientists from

the Genetics Society in 1967. One folder contains letters to E. B. Wilson from his colleagues regarding the publication of "The Cell" in 1896.

RELATED COLLECTIONS

Dr. and Mrs. Robert Huettner gave Dr. Alfred Huettner's photographs and some of his slides to the MBL Archives. Dr. Franz Schrader's bound reprints are also a part of our Special Collection. Short biographical files of Dr. Franz Schrader (1892-1962) and Dr. Sally Hughes Schrader are available in the MBL biographical files as well as additional photographs Forty-nine v. Diaries of Franz and Sally Hughes Schrader at the Columbia University, University Libraries, Butler Library, New York, NY.

Sally Hughes Schrader Collection
Folder List

Box	Folder	Title	
1	1	Photographs	1895-1950
		Little Harbor	
		Barbara McClintock at Cold Spring Harbor	1951
		William K. Gregory (autographed)	
		Thomas Hunt Morgan (signed to Morgan to Wilson)	1904
		E. B. Wilson - photo by Otto Sarony Co.	
		E. B. Wilson - photo by A. F. Huettner	1923
		E. B. Wilson - 2 photos	c1895
		Pavlov outside Old Main, MBL (also in background in Galtsoff)	1923
		MBL Board of Trustees (partially identified)	c1926
		Photos from Hans Bauer - identified on back	
		Hans Bauer - family photo	1960
		Hans Bauer - family photo	1925
		MBL building - Post card	c1920
		Cell Conference - Morphogenesis, Austin, Texas (identified)	1953
		Schraders on Sabbatical in Guatemala - 2 photos	1928
		Singleton and Caspersian?, Ohio	1950
		Franz Schrader and Nachtsheim, Berlin-Dahlem	1924
		P. Buchner, Greifswald	1924
		Goldschmidt, Kaiser Wilhelm Institute, Berlin	1924
		Goldschmidt?, Columbus, Ohio	1950
		Fiderly?, Ithaca	1950
		Photos of Sally and Franz Schrader and Cuernavaca friends	
2	2	Letters to E. B. Wilson re Publication of <i>The Cell</i> (first edition) 1896	1896-87
		Ethel Sargent, April 20, 1898	
		T. M. Prudden, Nov. 19, 1896	
		J. M. Tyler, Amherst, MA, Nov. 19, 1896	
		A. E. Shipley, Jan. 2, 1897	
		W. N. Homell, Baltimore, Nov. 23, 1896	
		Marcus Harbog, Queen's College, Cork (Cobh), Mar. 20, 1897	
		(Hudrect), Dec. 13, 1896. Last sentence "The 'lead' in biology is rapidly passing out of the hands of old Europe!"	
		Charles Minot, Boston, Nov. 23, 1896	
		G. H. Parker, Cambridge, MA, Nov. 22, 1896	
		Maynard M. Metcalf, Baltimore, Nov. 24, 1896	
		T. McMurrich, U. of Michigan, Dec. 5, 1896	
		T. E. Humphrey, Baltimore, Nov. 22, 1896	
		E. G. Conklin, Univ. of PA, Nov. 24, 1896	
		Watase, Univ. of Chicago, Dec. 13, 1896	
		Sidney I. Smith, Yale, Nov. 26, 1896	
		Albert Matthews, Marburg, Nov. 29, 1896	

- Charles S. Minot, Harvard Medical School, Nov. 19, 1896
C. O. Whitman, U. of Chicago, Dec. 16, 1896
K. Mitsukuri, Imperial Univ., Dec. 25, 1896
Herbert Spencer, London, Sept. 16, 1897
W. M. Wheeler, Wisconsin, Nov. 27, 1896
T. H. Morgan, Bryn Mawr, [1896]
T. Boveri, Wurzburg, Nov. 29, 1896
Oscar Hertwig, Berlin, Nov. 30, 1896
Oscara Hertwig correspondence with Franz Schrader, 1921 & 1922 1921
re cost of drawings for publications
Hans Dresch, Naples, Nov. 28, 1896
- 3 Columbia University Faculty (partially identified) 1948
- 4 Photographs (most duplicates of other pictures in archives) c1920 & c1930
Portraits: Mrs. Hayden, Ashland, MA
Unidentified (Child studio - Grennell, Iowa)
- 5 Sally Schrader's Doctor of Science degree (Honorary 1967
Photographs of Wilhelm Roux and his commemorative bust in
Germany
- 6 Photographs of Franz & Sally Schrader and Rebecca and Donald
Lancefield at work and play
Portrait of Rebecca Lancefield at Rockefeller Institute, September 1958
NY Times article re Rebecca Lancefield receiving honorary doctorate
at Rockefeller University
Portrait of Donald Lancefield
Portrait of Labert 1928
Portrait of Bélar early or mid 1920's
- 7 Photocopies of famous scientists (from Genetics Society, 1967)
- 8 Photo of Heilbrunn, 1921
3 Photos of Thomas Hunt Morgan
W. Procter and F. Schrader, C. U., 1919-1920
Sally and Franz Schrader, c1921
View from Schermerhorn Hall, C. U. (showing Grant's Tomb,
Horace Mann School, Teacher's College
T. H. Morgan, Spring 1920
Sally & Franz Schrader, 1920's
Columbia U. Lab - A. F. Huettner foreground (Weinstein, Morgan,
McGregor on right)
Sally Schrader and horse
A. F. Huettner, 1925
Nachtsheim & Schrader, 1924
Woods Hole group photo (names at top of photo), 1908-09)
Woods Hole group, MBL (identification on photo), 1908
2 photos, MBL Water Street and Fisheries (photographer,
Huettner)
Goldschmidt
Sally Schrader at Gottingen

	Unidentified landscape	
	6 Unidentified German photos	
	Scientists @ MBL, 1920's	
	"Nobody is Perfect" poem?	
9	Franz Schrader's Fellow to American Academy of Arts and Sciences, Boston, MA , May 13, 1953	1953
	Wm. Procter (photographer, Huettner)	1920
	Faculty at Columbia Univ. at lunch with drosophila bottles in front (part of Columbia Group) – 2 poses	1920c
	Sally and Franz Schrader	1920
	Schrader wedding celebration with Becca Lancefield on floor left, D. Lancefield back center, Johnson	
	Collecting trips at Havre de Grace with A. Sturtevant, F. Schrader and A.F. Huettern (known as DD "Damned Dutchman")	1920
	Embryology class at Tarpalin Cove, with "Old Crab Veeeder", on the boat to Nantucket, H. Stedman and S.P.H. in Embryology Lab, Hazeltene Stedman, windmill on Nantucket, S.P.H. Brown, Hughes (Cornell), Elizabeth Adams, D. Wolfe	1918
	Franz Schrader	1916c
	Sally & Franz Schrader in Woods Hole	1920
	Sally Schrader on Catboat	1922c
	Franz Schrader	1930
	Woods Hole Warbasse garage	1934
	Camping trip with Huettner, Sturtevant and Schrader	1918
	Hanz and Sally Schrader	1946
	Sturtevant and Schrader camping in northern New Jersey	1919
	Donald Lancefield	1936
	H. W. Norris	1934
	Schrader & Hazeltene Stedman working at Old Main	1918
	T. H. Morgan and his 2 youngest daughters (photographer Huettner)	1918c
	Schrader catboat	1931
	Windmill in Pocasset, MA	1920
	Selina and Herbert and Mrs. H. H. Johnson	
	Genetics Society trip to Tarpaulin cove	1936
	Alfred Sturtevant on camping trip on the Palisades in N.J.- 3 photos	1919
	E.B. Wilson & daughter with cello and piano (photographer, Huettner)	
	Schmerhorn Hall, Columbia U. home of the Fly Room (photographer, Huettner)	1916
	Schrader wedding party – "Squire", Anderson, Johannsen, Becca, Franz, Sally, Romer, Molly Reilly, A. Huettner	
	Capt. Cougla pulling group at Quisset, Woods Hole, fish trap at Gansett Beach	1918
	Pen drawing by Franz Schrader	1923

Nachtshem

1923

Schrader camping trip

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Miscellaneous photographs of Schrader family and friends – mostly unidentified. Also letters regarding birth certificate of Sally Schrader who was born 7 years before births were recorded in Oregon