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Robert Elliot Silberglied Papers,
1960-1982, with related materials to 1984

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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Robert Elliot Silberglied Papers
Date:	1960-1982, with related materials to 1984
Identifier:	Record Unit 7316
Creator::	Silberglied, Robert E., 1946-1982
Extent:	b 20 cu. ft. (20 record storage boxes)
Language:	English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Record Unit 7316, Robert Elliot Silberglied Papers

Historical Note

Robert E. Silberglied (1946-1982) was born and raised in Brooklyn, New York. While in high school, he developed an interest in entomology and wrote his first research paper, on *Drosophila melanogaster*, in 1961. In 1963 he enrolled in the School of Agriculture at Cornell University, where he received the Bachelor of Science degree in 1967 and a Master's degree in 1968. During his years at Cornell, Silberglied's developing interest in evolutionary biology led him to research in insect communication, particularly among butterflies. An early association with Dr. Thomas Eisner and a variety of field work experiences in Mexico, Florida, and Arizona led him to the study of ultraviolet reflection among butterflies, specifically the evolution of reflective patterns and their significance in the process of communication.

Silberglied's research in the field continued when he entered Harvard University to begin his doctoral work in the fall of 1968. At Cambridge, his interests grew as he encountered a number of new work experiences and associations. Field work at the Charles Darwin Research Station in the Galapagos Islands in 1970 began what would be a long-term commitment to research in neotropical entomology. His initial interest was to study mechanisms of insect pollination of flowers, which led to a broad and valuable survey of the islands' insect fauna. During his work in the Galapagos, he made an extensive collection of specimens and, in the process, acquired a valuable working knowledge of the islands and their literature which would frequently be called upon in future collaborative efforts.

While at Harvard, Silberglied continued his field work in Florida at the Archbold Biological Station, as well as in Arizona, Colorado, Kansas, eastern Canada, and Latin America. During this time, his association with Orley R. Taylor, Jr., led Silberglied to a more extensive study of ultraviolet patterns of butterflies through the development of new methods for the visualization and recording of ultraviolet reflection. His work in photographic techniques provided him with a proficiency in optical microscopy that was to be widely recognized alongside his more primary areas of research. Through his work with Taylor, Silberglied was able experimentally to determine how ultraviolet patterns are used as a communications device in some species of the *Colias* butterfly, for which he was awarded the Ph.D. in 1973.

During his graduate studies at Harvard, Silberglied worked as a teaching fellow from 1968 to 1973. He maintained an active membership in the Cambridge Entomological Society and was elected Vice President in 1969 and President in 1970. This period also saw the first in a long series of scientific publications representing his broadening interests in areas such as mimetic communities, the role of vision in insect behavior, the physiology of vision, ultraviolet patterns of flowers, and the terrestrial invertebrates of the Galapagos Islands. His experience at Harvard also fostered what would be long-term associations with Edward O. Wilson and Frank M. Carpenter, staff members at the Museum of Comparative Zoology (MCZ).

Following the completion of his formal training in 1973, Silberglied simultaneously held a number of positions over the next eight years. From 1973 to 1978 he served as an Assistant Professor of Biology at Harvard, teaching courses in various aspects of arthropod biology, ecology, evolutionary biology, and behavior. During this same period he worked as Assistant Curator of Lepidoptera in the MCZ Department of Entomology. His primary goals at the MCZ were reorganization of the collections, improved curation methods, and wider utilization of the collections in teaching and research. He was also instrumental in setting up the MCZ Scanning Electron Microscope facility, a project that occupied his energies until 1980.

Silberglied's interest in conservation led him to join the Lignum vitae Key University Council in 1973. Lignum vitae Key in Florida is the only preserve of West Indian lowland hardwood forest remaining in the United States; and for the next eight years Silberglied devoted much of his time and energy to its preservation and management. Silberglied was also involved in a study of the Costa Rican National Park System, and he co-authored (with Thomas Simkin of the Smithsonian's National Museum of Natural History) a computerized bibliography of the Galapagos Islands.

Silberglied also served as a consultant to the Biological Laboratories at Harvard, as a member of the editorial board of *Psyche*, and as a member of the governing board of the Organization for Tropical Studies. In addition, he served as a contributing reviewer for several non-scientific journals and was an active member of the Entomological Society of America.

In 1976, a new dimension was added to Silberglied's career with his appointment as a biologist at the Smithsonian Tropical Research Institute (STRI) in Panama. This position divided his research, teaching, and administrative responsibilities between Cambridge and Panama, as he began spending approximately half of each year in the American tropics. In 1977, Silberglied became a permanent member of the scientific staff at STRI as a Research Entomologist. In the same year, he also received promotions at Harvard becoming an Associate Professor of Biology and the Associate Curator of Lepidoptera at MCZ--positions he would hold until his departure from Cambridge in 1981.

While serving as a staff member at STRI, Silberglied's research interests were expanded. In concert with Dr. Annette Aiello, he conducted experimental work involving a number of behavioral, ecological, and evolutionary problems among many species of tropical insects, especially Lepidoptera. Among other projects, they studied the origin and evolution of reproductive isolating mechanisms and the way in which color and pattern influenced predator-prey relationships and intra- and intersexual communication. The work was greatly enhanced by Silberglied's expertise in ultraviolet photography. Their efforts resulted in several important findings and led to a number of joint publications.

In addition to his research at STRI, Silberglied served on the Smithsonian Fellowship Selection Committee in Tropical Biology and as an advisor to individual students studying at the facility. He was also involved in a variety of administrative responsibilities as Scientist-in-Charge at the Barro Colorado Island research station. While in residence he devoted a considerable portion of his time to drawing up plans for the administration and management of the biological preserve.

Despite a rather full schedule of research, teaching, and administrative activities, Silberglied managed to maintain active membership in a variety of conservation organizations and professional societies. His expertise as an entomologist led to many speaking engagements, and his pioneering efforts in the field of photography led to frequent work as a consultant to cinematographers doing natural history documentary work. Silberglied maintained these diverse interests and enthusiasms until his untimely death in the Air Florida accident in Washington, D.C., on January 13, 1982.

Chronology

1946	Born in Brooklyn, New York, June 19
1963	Received New York State Regents Scholarship
1963	Entered College of Agriculture, Cornell University
1964	Appointed part-time Assistant to Curator, Insect Collections, Cornell University
1964	Member of New York (Brooklyn) Entomological Society
1965	Member of Cornell University Mexico Field Research Party (with Dr. W. L. Brown, Jr.)
1965-1968	Ford Three-Year Scholar's Program
1966	Appointed Field Research Assistant to Dr. Thomas Eisner at Archbold Biological Station in Florida and at Cave Creek Ranch, Portal, Arizona
1966-1968	Part-time Assistant to Librarian, Entomology Library, Cornell University
1967	Appointed Field Research Assistant (with D. Simberloff for Dr. E. O. Wilson) in Florida Keys and Arizona
1967	Received B.S., Cornell University
1967	Entered Cornell University, Department of Biology as graduate student
1968	Received M.S., Cornell University
1968	Entered Harvard University as post-graduate
1968-1973	Teaching fellowship, Department of Biology, Harvard University
1968-1982	Member of Cambridge Entomological Society
1969	Field work at Archbold Biological Station in Florida
1969	Elected Vice President, Cambridge Entomological Society
1969-1973	Richmond Fellowship, Harvard University
1970	Member of Graduate Student Council, Department of Biology, Harvard University
1970	Elected President, Cambridge Entomological Society
1970	Field work at Charles Darwin Research Station in the Galapagos Islands
1970	Field work at the E. N. Huyck Preserve, Albany County, New York
1971	Field work in Florida, Arizona, and Colorado
1972	Participated in Organization for Tropical Studies trip to Costa Rica
1972	Field work in Nova Scotia, Kansas, Colorado, and Arizona
1973	Received Ph.D., Harvard University
1973	Field work in Costa Rica, Guatemala, and Ecuador
1973	Published "Ultraviolet Differences Between Sulphur Butterflies"

1973-1974 Member of Executive Committee, Cambridge Entomological Society

1973-1977 Member of Library Committee, Museum of Comparative Zoology, Harvard University

1973-1978 Assistant Professor of Biology, Harvard University

1973-1978 Assistant Curator of Lepidoptera, Museum of Comparative Zoology, Harvard University

1973-1982 Consultant to the Biological Laboratories Insectary Facility, Harvard University

1973-1982 Member of Lignum vitae Key (Florida) University Council

1973-1982 Member of Editorial Board, *Psyche*

1974 Field work at Archbold Biological Station in Florida

1974-1975 Section Vice Chairman, Section A (Systematics, Morphology and Evolution), Entomological Society of America

1974-1975 Member of Scanning Electron Microscope Committee, Museum of Comparative Zoology, Harvard University

1974-1980 Member of Scanning Electron Microscope Facility Committee, Department of Biology, Harvard University 1974-1981 member of Entomological Society of America

1974-1980 Member of Governing Board, Organization for Tropical Studies (representing Harvard University)

1975 Field work in Panama

1975 Participated in a safari to Ethiopia, Kenya, and Tanzania

1975 Served on Program Evaluation Committee, Section A (Systematics, Morphology and Evolution), Entomological Society of America

1975-1976 Section Chairman, Section A (Systematics, Morphology and Evolution), Entomological Society of America

1975-1980 Contributing reviewer for *American Reference Book Annual*

1976 Appointed Biologist, Smithsonian Tropical Research Institute (STRI)

1976 Member of Nominating Committee and Special Constitution and By-laws Revision Committee, Section A (Systematics, Morphology and Evolution), Entomological Society of America

1976-1977 Organized and administered Natural History Seminar series of Department of Biology, Harvard University

1976-1980 Member of Education Committee, Organization for Tropical Studies

1977 Field work in Panama, Ecuador, and Colombia

1977 Published "Communication in the Lepidoptera"

1977 Member of Committee on Meeting Dates, Section A (Systematics, Morphology and Evolution), Entomological Society of America

1977-1980 Member of Executive Committee, Organization for Tropical Studies

1977-1981 Contributing reviewer for *Library Journal*

1977-1982 Staff Scientist (Research Entomologist), STRI

1978	Field work in the Dominican Republic published "Ultraviolet Reflection and its Behavioral Role in the Courtship of the Sulfur Butterflies <i>Colias eurytheme</i> and <i>C. philodice</i> "
1978	Contributing reviewer for <i>Reprint Bulletin, Book Reviews</i>
1978-1981	Associate Professor of Biology, Harvard University
1978-1981	Hessel Associate Curator of Lepidoptera, Museum of Comparative Zoology, Harvard University
1978-1981	Scientist-in-Charge, Barro Colorado Island research station, STRI
1979	Published "Communications in the Ultraviolet"
1980	Field work in Colombia
1981	Guest speaker at the Royal Entomological Society International Symposium on the Biology of Butterflies, Reading, England
1981-1982	Member of Executive Council, Lepidopterists' Society
1982	Died in Washington, D.C., January 13
1984	Posthumously published "Visual Communication and Sexual Selection Among Butterflies"

Descriptive Entry

The papers of Robert E. Silberglied provide comprehensive documentation of his professional career. They include materials relating to his initial interest in entomology; his academic training; his teaching career at Harvard University; his duties as a staff member of the Smithsonian Tropical Research Institute (STRI); his efforts as a conservationist; and his research on Lepidoptera. Also included, to a lesser extent, are records documenting his personal affairs.

All aspects of Silberglied's professional life are documented in a large file of correspondence carried on between 1964 and 1982. Particularly well represented are his dual careers at Harvard University and STRI; the development of his research interests; participation in professional activities; and the preparation and publication of scientific manuscripts. The correspondence also includes many letters exchanged with his parents, family members, and friends.

Silberglied's academic career at Cornell University and Harvard University receives extensive coverage in the collection. Included are class notes; personal diaries and daily calendars which document class schedules, student activities, and travel; registration and admission records; and copies of his M.A. thesis and Ph.D. dissertation. Also included are research papers, notes, collecting records, and related materials illustrating Silberglied's interest in entomology as a high school student.

Silberglied's teaching and administrative activities at Harvard University and his work as a staff member at STRI are documented by a wide variety of materials. Records concerning his Harvard appointment include lecture notes, examinations, and evaluations from several courses he taught; files relating to his curatorial duties at the Museum of Comparative Zoology--especially work on the Scanning Electron Microscope Laboratory; and materials relating to committees, student advising, grants and financial matters, and job negotiations and promotions. His six-year association with STRI is documented by correspondence, memoranda, and related materials concerning various administrative and research activities--particularly the management of the Barro Colorado Island research station.

The collection is extremely valuable in documenting Silberglied's diverse research interests and his participation in professional activities. His efforts in the fields of entomology, evolutionary theory, ultraviolet photography, and conservation are illustrated by drafts of research papers, research proposals, notes, and various forms of scientific data.

Also included are photographs and films, mostly of or relating to butterflies; reprints of his publications; and copies of speeches and lectures presented at professional meetings and to popular audiences. Field notes document extensive research in the Galapagos Islands, Lignum vitae Key (Florida), and various regions of the United States and Central America. Also, Silberglied's correspondence contains a continuous exchange of ideas and information with colleagues throughout the entomological community.

In addition to correspondence with family and friends, Silberglied's personal affairs are documented in a group of collected materials including diaries and daily calendars; health records; his professional dossier; records concerning income taxes, selective service status, and personal property; and similar materials. A small group of photographs of Silberglied, family members, and friends is also found in the collection.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Biologists
- Entomologists
- Entomology
- Tropical biology

Types of Materials:

- Black-and-white negatives
- Black-and-white photographs
- Clippings
- Diaries
- Field notes
- Manuscripts
- Motion pictures (visual works)
- Serials (publications)

Names:

- Cornell University
- Harvard University
- Harvard University. Museum of Comparative Zoology
- Silberglied, Robert E., 1946-1982
- Smithsonian Tropical Research Institute

Places:

- Barro Colorado Island (Panama)

Container Listing

Series 1: General Correspondence, 1964-1982, and undated

Note: This series consists of a broad range of both personal and professional correspondence which documents the career of Robert E. Silberglied. Included is correspondence concerning his early research endeavors as an undergraduate and graduate student at Cornell University (see especially under Thomas Eisner); the continuation of his scientific pursuits in the field of entomology at Harvard University (see especially under Frank M. Carpenter and Edward O. Wilson); his proficiency in optical microscopy, specifically in the area of ultraviolet and infrared photography (see especially under Helen Ghiradella and Orley R. Taylor, Jr.); his experiences as a teacher and student advisor in the Department of Biology, Harvard University, and at the Smithsonian Tropical Research Institute (STRI); his activities as curator of the Lepidoptera Collection at the Museum of Comparative Zoology (MCZ); his participation in various scientific and professional societies concerned with research and conservation in the field of entomology (see especially the Entomological Society of America); his involvement in tropical biology as Research Entomologist at STRI; and his publishing efforts in both scientific and non-scientific journals (see especially *American Reference Book Annual* and *Library Journal*). Letters exchanged between Silberglied and his parents, sister, and friends provide insight to his family and personal life.

Arranged Alphabetically.

Box 1

Box 1 of 20	Ab-Am, general
Box 1 of 20	Alsop, David W., 1967-1970, 1975-1978
Box 1 of 20	American Institute of Biological Sciences (AIBS), 1966-1968, 1970, 1972, 1979
Box 1 of 20	American Reference Book Annual, 1975, 1979-1981. Includes book reviews by Silberglied.
Box 1 of 20	An-Au, general
Box 1 of 20	Animal Behavior, 1972, 1974-1975, and undated. Includes manuscript reviews by Silberglied.
Box 1 of 20	Annual Review of Ecology and Systematics, 1979. Contains an abridged version of his publication, "Communication in the Ultraviolet."
Box 1 of 20	Archbold Biological Station, undated. Includes historical, environmental, and research information for visiting investigators.
Box 1 of 20	Arnett, Ross H., Jr., 1967-1969, 1972-1975, 1978. Includes information about the North American Beetle Fauna Project sponsored by the Biological Research Institute of America.

Box 1 of 20	Ba-Bi, general
Box 1 of 20	Becher, Joan, 1970, 1973, 1977-1978, 1980, and undated. Contains personal correspondence with his sister.
Box 1 of 20	Bernard, Gary D., 1968-1970, 1972-1973, 1975-1979
Box 1 of 20	Bl-Bo, general
Box 1 of 20	Br-By, general
Box 1 of 20	Broadhead, Edward, 1978-1979, 1981, and undated. Contains information regarding Canopy Fogging Project across the Isthmus of Panama.
Box 1 of 20	Buchmann, Stephen L., 1976-1981
Box 1 of 20	Burnham, Laurie, 1978-1981
Box 1 of 20	Ca-Ch, general
Box 1 of 20	Cambridge Entomological Club, 1968, 1970-1981
Box 1 of 20	Caney, Elizabeth E., 1976, 1978, and undated. Contains information on the Center for Field Research and Earthwatch.
Box 1 of 20	Carpenter, Frank M., 1968, 1970, 1973, 1975-1981
Box 1 of 20	Ci-Cu, general
Box 1 of 20	Covell, Charles V., Jr., 1971-1978, 1981-1982
Box 1 of 20	Crompton, Alfred W. ("Fuzz"), 1973-1976, 1978-1981
Box 2	
Box 2 of 20	Da-Di, general
Box 2 of 20	Davis, Donald R., 1973, 1975, 1977-1979, 1981
Box 2 of 20	Do-Du, general
Box 2 of 20	Dressler, Kerry, 1976-1981, and undated
Box 2 of 20	Ea-Em, general
Box 2 of 20	Eisner, Thomas, 1967-1981, and undated. Includes correspondence with Eisner (Cornell University) as a student, research assistant and scientific collaborator in the field of Lepidoptera communication. (4 folders)

Box 2 of 20	En-Ev, general
Box 2 of 20	Entomological Society of America, 1967-1968, 1970-1971, 1973-1981, and undated
Box 2 of 20	Entomological Society of America, Meetings. Includes information concerning the following meetings: Hershey, Pennsylvania (Eastern Branch), 1974; New Orleans, 1975; Honolulu, 1976; and Atlanta, 1980. (4 folders)
Box 2 of 20	EROS Data Center, 1972, 1974, and undated
Box 2 of 20	Fa-FI, general
Box 2 of 20	Ferris, Clifford, 1971-1973
Box 2 of 20	Fisher, Martha, 1976-1980, and undated
Box 2 of 20	Fo-Fu, general
Box 2 of 20	Foster, Robin, 1979. Includes a plant list (draft copy) of Barro Colorado Island.
Box 2 of 20	Ga-GI, general
Box 2 of 20	Ghiradella, Helen, 1970-1975, 1977-1979, and undated. Contains correspondence, research information and photographs documenting collaborative work in the study of the ultrastructure of ultraviolet reflecting butterfly scales.
Box 3	
Box 3 of 20	Go-Gw, general
Box 3 of 20	Gruha, John, 1976-1977
Box 3 of 20	Gupta, Anand, 1976-1979
Box 3 of 20	Ha-He, general
Box 3 of 20	Hi-Hy, general
Box 3 of 20	Hinnebusch, Nancy, 1976-1980, and undated
Box 3 of 20	Hinton, Howard E., 1968-1969, 1977-1978
Box 3 of 20	Hlavac, Tom, 1977
Box 3 of 20	Hoffmaster, Debra, 1979

Box 3 of 20	Hyatt, Martin B., 1977-1978, 1981, and undated
Box 3 of 20	I, general
Box 3 of 20	J, general
Box 3 of 20	Janzen, Daniel H., 1973-1974, 1978-1981, and undated. Includes Silberglied's contribution made to the publication, Dry Costa Rican Natural History.
Box 3 of 20	Jutro, Peter, 1971-1972, 1974-1977, and undated. Contains information concerning the Lignum vitae Key Tourist Trail Proposal.
Box 3 of 20	K, general
Box 3 of 20	Kipp, Larry, 1975, 1977-1978, and undated
Box 3 of 20	Knutson, Lloyd V., 1977-1980. Includes information from the Insect Identification and Beneficial Insect Introduction Institute, U.S. Department of Agriculture.
Box 3 of 20	La-Li, general
Box 3 of 20	Lamas, Gerardo, 1979-1981, and undated. Includes correspondence concerning the co-publication, "Neotropical Butterflies of the Genus Anartia: Systematics, life histories and general biology."
Box 3 of 20	Lanza, Janet, 1973-1976
Box 3 of 20	Lawrence, Thomas Gordon, 1971-1973, and undated
Box 3 of 20	Lepidopterists' Society, 1969, 1971-1975, 1977, 1979-1982
Box 3 of 20	Levi, Herbert W., 1965, 1968, 1970, 1973-1981, and undated
Box 3 of 20	Levi, Sharon, 1975-1976
Box 3 of 20	Library Journal, 1977-1981, and undated. Includes book reviews by Silberglied.
Box 3 of 20	Linsley, E. Gorton, 1965-1966, 1968, 1970-1973, 1976-1979, and undated
Box 3 of 20	LI-Ly, general
Box 3 of 20	Lloyd, D. Monte, 1976, and undated
Box 3 of 20	Lyon, Don, 1973-1975

Box 4	
Box 4 of 20	Ma, general
Box 4 of 20	Mc, general
Box 4 of 20	Me-Mi, general
Box 4 of 20	Melville, Richard V., 1980. Includes drafts of Silberglied's paper, "Papilio Fatama Fabricius, 1793: Request for Conservation Under the Plenary Powers Z.N."
Box 4 of 20	Merlin, Godfrey, 1972-1974, 1976. Includes proposed bird illustrations for the Galapagos Field Guide.
Box 4 of 20	Mo-My, general
Box 4 of 20	Na-No, general
Box 4 of 20	National Science Foundation, 1964-1967, 1975-1977, and undated. Contains information on grants for scientific research.
Box 4 of 20	O, general
Box 4 of 20	Pa-Pl, general
Box 4 of 20	Peace Corps, 1967-1968, and undated
Box 4 of 20	Pechuman, Laverne Leroy, 1965, 1967-1972
Box 4 of 20	Pierce, Naomi, 1975-1981
Box 4 of 20	Po-Pu, general
Box 4 of 20	Pollitt, Geoffrey P., 1970, 1973-1977
Box 4 of 20	Purdue University, 1966, 1970, and undated
Box 4 of 20	Q, general
Box 4 of 20	Ra-Ri, general
Box 4 of 20	Ro-Ry, general
Box 4 of 20	Robbins, Robert K., 1974, 1976, 1978-1981, and undated
Box 4 of 20	Rose, Hugh, 1977

Box 5	
Box 5 of 20	Roth, Louis M., 1968, 1970-1971, 1974-1978, and undated
Box 5 of 20	Roubik, David W., 1974, 1981
Box 5 of 20	Royal Entomological Society, 1981. Contains information regarding the International Symposium on the Biology of Butterflies.
Box 5 of 20	Rubinoff, Ira, 1975-1979, 1981, and undated
Box 5 of 20	Sa-Se, general
Box 5 of 20	Scott, James, 1973
Box 5 of 20	Sebeok, T. A., 1973-1979, and undated. Contains correspondence concerning the publication of "Communication in the Lepidoptera" in How Animals Communicate.
Box 5 of 20	Sh-Sn, general
Box 5 of 20	Shepard, Julian, 1969, 1977, 1980-1981
Box 5 of 20	Sigma Xi, 1973-1980, and undated. Includes several book review drafts for publication in American Scientist.
Box 5 of 20	Silberglied, Harry, 1970, 1975-1981. Personal correspondence with his parents.
Box 5 of 20	Simkin, Thomas, 1970-1981. Includes correspondence concerning co-authorship of Galapagos Islands bibliography. (2 folders)
Box 5 of 20	Small, Gordon B., 1977-1981, and undated
Box 5 of 20	Smith, Neal Griffith, 1974-1980, and undated
Box 5 of 20	So-Sw, general
Box 5 of 20	Society for the Study of Evolution, 1974-1975, 1978, 1981, and undated
Box 5 of 20	Strickler, Karen, 1971-1981 (4 folders)
Box 6	
Box 6 of 20	Ta-Tu, general
Box 6 of 20	Taylor, Orley R., Jr. ("Chip"), 1970-1981, and undated. Concerns collaborative efforts in ultraviolet technique and research on butterflies. (5 folders)

Box 6 of 20	Thorne, Barbara ("Bambi"), 1976-1981, and un dated
Box 6 of 20	Tomlinson, P. Barry, 1971-1972, 1974-1976, 1978-1980. Includes correspondence concerning Lignum vitae Key Island.
Box 6 of 20	Traniello, James F. A., 1979-1980
Box 6 of 20	U, general
Box 6 of 20	V, general
Box 6 of 20	Wa-We, general
Box 6 of 20	Warner, J. Sauve, 1975-1976
Box 6 of 20	Weber, Melva, 1976-1978, and undated
Box 6 of 20	Weintraub, Jason, 1977-1981, and undated
Box 6 of 20	Wh-Wy, general
Box 6 of 20	Wickler, Wolfgang, 1972, and undated
Box 6 of 20	Williams, E. E., 1974-1975, 1977, 1979
Box 6 of 20	Wilson, Edward O., 1967-1981 (4 folders)
Box 6 of 20	Winter, William D., Jr., 1972, 1979-1981, and undated
Box 6 of 20	Woodley, Norman E., 1975-1981, and undated
Box 6 of 20	Woodruff, David, 1974, 1976-1977, 1981, and undated
Box 6 of 20	Xerces Society, 1973, 1975-1978, 1980-1981, and undated
Box 6 of 20	Y-Z, general

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Series 2: Student Records, 1960-1973, and undated

Note: This series documents the academic career of Robert E. Silberglied. Included are research papers, collecting records, notes, and a diary reflecting his initial interest in science and entomology as a high school student; admission records from both Cornell and Harvard University; student transcripts (incomplete); records concerning scholarships and fellowships received; information relating to student affairs and activities; class notes taken from a variety of courses at Cornell; and Silberglied's master's thesis and doctoral dissertation.

Box 7

Box 7 of 20	Entomology, 1960-1963. Material documenting Silberglied's entomological studies as a high school student. Includes two papers - "An Investigation of Positive Phototaxis in <i>Drosophila Melanogaster</i> Meig," 1961, and "The <i>Colias</i> Relationship. A problem in Species Determination," 1963 (submitted to 12th annual Ford-Future Scientists of America Awards); a news clipping (July 1, 1962) concerning his initial entomological research; a diary and related materials documenting his participation on the Navy Science Cruise, 1963; and collecting records and notes. (2 folders)
Box 7 of 20	College of Agriculture, Cornell University, 1964-1967. Materials relating to undergraduate academic registration and degree requirements.
Box 7 of 20	Undergraduate student records, 1963-1967. Includes student transcripts, student I.D. card, semester forecasting, student housing records, and commencement memorabilia. (2 folders)
Box 7 of 20	Cornell University paychecks, award certificates, and miscellaneous receipts, 1964-1968
Box 7 of 20	Graduate school records, Cornell University, 1967-1968, and undated. Contains admission and fellowship/scholarship applications, registration records, thesis and advanced degree requirements, and graduate exam schedule/records.
Box 7 of 20	Class notes. Entomology 10, 1963-1964.
Box 7 of 20	Class notes. Calculus, 111, 1964.
Box 7 of 20	Class notes. Entomology 130/330, 1964.
Box 7 of 20	Class notes. Entomology 531, 1965.
Box 7 of 20	Class notes. Geology 105, 1965.
Box 7 of 20	Class notes. Entomology 322, 1966.
Box 7 of 20	Class notes. Insect Anatomy, undated.

Box 7 of 20	Class notes. Geology 202, 1966.
Box 7 of 20	Class notes. Physics 101, 1966-1967. (2 folders)
Box 8	
Box 8 of 20	Class notes. Calculus 112, 1967.
Box 8 of 20	Class notes. Insect Toxicology, undated.
Box 8 of 20	Class notes. Zoology 892/Entomology 820 bibliographies, undated.
Box 8 of 20	Master's thesis. "Ultraviolet Reflection of Pierid Butterflies," 1968-1969. Includes early notes, typed original, bound copy of final draft, and copy submitted to Magnum Opus. (4 folders)
Box 8 of 20	Harvard University. Pre-admissions and arrival, 1967-1968, and undated.
Box 8 of 20	Harvard University, Graduate School of Arts and Sciences, 1968-1973, and undated. Contains a broad range of materials concerning graduate activities in the Department of Biology. Includes information on the Richmond Fellowship, teaching fellowships, the Biological Laboratories, course registration and calendars, staff meetings, student affairs and activities, Ph.D. thesis and exam notifications, requisitions, receipts, check stubs, and miscellaneous correspondence concerning research proposals, financial aid requests, travel itineraries and expenses. (5 folders)
Box 8 of 20	"PLANTS," 1969. Contains a collection of pressed plants from the Concord Field Station.
Box 8 of 20	Ph.D. dissertation, "Ultraviolet Reflection of Butterflies and its Behavioral Role in the Genus <i>Colias</i> ." Contains notes and research materials, undated.
Box 8 of 20	Ph.D. dissertation, first typed draft, undated
Box 8 of 20	Ph.D. dissertation, corrected first draft, May 1973
Box 8 of 20	Ph.D. dissertation, corrected final draft, May 1973
Box 8 of 20	Ph.D. dissertation, draft for Committee, May 1973

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Series 3: Harvard University Records, 1968-1981, and undated

Note: This series consists of records created during Silberglied's career as a faculty member at Harvard University. Especially well documented are his teaching activities as Assistant Professor, and later Associate Professor in the Department of Biology; his administrative and curatorial duties in the Department and the Museum of Comparative Zoology; his work with the Organization for Tropical Studies; his ongoing requests for research funds and grants; and personal job negotiations.

Box 9

Box 9 of 20	Materials relating to his position as Assistant Professor, 1973-1978. Includes leaves of absence, salary scales, staff directories, and committee activities.
Box 9 of 20	Materials relating to his position as Associate Professor, 1978-1981. Includes leaves of absence, paychecks and miscellaneous business papers.
Box 9 of 20	Hessel Position, 1979-1980. Correspondence relating to his application for tenure.
Box 9 of 20	Harvard University employee benefit brochures, undated
Box 9 of 20	Materials relating to grading policies, 1978, 1980, and undated
Box 9 of 20	Materials relating to undergraduate advising, 1976-1981
Box 9 of 20	Materials relating to Harvard Cooperative Society, Textbook Department, 1973-1975, 1978
Box 9 of 20	Natural History Seminars, 1976-1977, 1979-1980
Box 9 of 20	Funds and Grants. Aldrich Fund, 1974.
Box 9 of 20	Funds and Grants. Clark Fund, 1973-1975.
Box 9 of 20	Funds and Grants. Milton Fund, 1973-1975. (2 folders)
Box 9 of 20	Funds and Grants. National Science Foundation Grant, 1976, and undated.
Box 9 of 20	Funds and Grants. Richmond Fund, 1975.
Box 9 of 20	Funds and Grants. Spencer Foundation Grant, 1974-1975.
Box 9 of 20	Funds and Grants. Tozier Fund, 1974-1975.

Box 9 of 20	Correspondence concerning the Insectary Facility at the Harvard Biological Laboratories, 1974-1975
Box 9 of 20	Museum of Comparative Zoology (MCZ). Concord Field Station, 1972-1974, and undated.
Box 9 of 20	MCZ. Friends of the MCZ, 1975, 1977.
Box 9 of 20	MCZ. Library, 1970, 1974, 1977-1981.
Box 9 of 20	MCZ. Library Committee, 1973-1977.
Box 9 of 20	MCZ. Notes on the Lepidoptera Collection, 1978-1980, and undated.
Box 9 of 20	MCZ. Office/Darkroom Laboratory, 1977, and un dated.
Box 9 of 20	MCZ. Scanning Electron Microscope Laboratory, 1973-1977, 1981, and undated.
Box 9 of 20	MCZ. Research proposal for Scanning Electron Microscope, 1974.
Box 9 of 20	Museum of Comparative Zoology. Scanning Electron Microscope - Comparison reports and responses, undated.
Box 9 of 20	Museum of Comparative Zoology (MCZ). Scanning Electron Microscope (SEM) - Data from demo SEM specimens and photographs, 1973, and undated.
Box 9 of 20	MCZ. Scanning Electron Microscope - location and construction of SEM facility, 1973-1974, and undated.
Box 9 of 20	MCZ. Staff meetings, 1973-1974, 1976-1981.
Box 9 of 20	MCZ. Whaling correspondence, 1973-1974.
Box 9 of 20	Correspondence and memoranda relating to faculty members of Organismic and Evolutionary Biology, 1975-1981, and undated
Box 9 of 20	Materials relating to Herbarium Search Committee, Organismic and Evolutionary Biology, 1973, and undated
Box 9 of 20	Scientific meetings and lectures, 1973-1981
Box 9 of 20	Job negotiations, 1972-1973
Box 10	
Box 10 of 20	Organization for Tropical Studies (OTS). Expense accounts, receipts, and itineraries, 1976-1980, and undated.

Box 10 of 20	OTS. General information, 1970, and undated.
Box 10 of 20	OTS. Courses 72-1 and 73-1, 1972-1973. (2 folders)
Box 10 of 20	OTS. Course outlines and field problems, 1968-1973.
Box 10 of 20	Organization for Tropical Studies (OTS). Course outlines, field problems, student information, faculty lists, and related materials, 1972-1973. (3 folders)
Box 10 of 20	Teaching records. Natural Sciences 5 - Introductory Biology, 1969.
Box 10 of 20	Teaching records. Biology 17 - Evolutionary Biology, 1969.
Box 10 of 20	Teaching records. Biology 17A - Evolutionary Biology, 1970.
Box 10 of 20	Teaching records. Biology 1 - Organismic and Evolutionary Biology, 1971.
Box 10 of 20	Teaching records. Biology 127A - Biology of Arthropods, 1973. (2 folders)
Box 11	
Box 11 of 20	Teaching records. Biology 127A - Biology of Arthropods, 1973.
Box 11 of 20	Teaching records. Biology 127A - Lab Manual, 1974.
Box 11 of 20	Teaching records. Biology 127A - Notes by Carpenter, 1971.
Box 11 of 20	Teaching records. Biology 127B. Biology of the Orders of Insects. Lecture notes, 1974, and undated.
Box 11 of 20	Teaching records. Biology 127B. Lab manual, undated.
Box 11 of 20	Teaching records. Biology 127B. Miscellaneous notes and classroom materials, undated.
Box 11 of 20	Teaching records. Biology 127 A&B. Course outlines and general information, 1977-1981, and undated.
Box 11 of 20	Teaching records. Biology 127 A&B. Lab equipment, 1973, and undated.
Box 11 of 20	Teaching records. Biology 127 A&B. Lab practicals, 1974-1976. (2 folders)
Box 11 of 20	Teaching records. Biology 127 A&B. Final examinations, master copies, 1974-1981.
Box 11 of 20	Teaching records. Biology 127 A&B. Course evaluations, 1976-1978. Sample.

Box 11 of 20	Teaching records. Biology 127 A&B. Miscellaneous notes and classroom materials, undated.
Box 11 of 20	Teaching records. Biology 127 A&B. Completed mid-term and final examinations, 1974-1981. Sample. Loose in box.
Box 11 of 20	Teaching records. Biology 227 - Evolution in the Lepidoptera, 1979.
Box 11 of 20	Teaching records. Biology 10A - Biology of Invertebrates, 1980.
Box 11 of 20	Teaching records. Lectures on reproductive isolation in Lepidoptera, undated.
Box 11 of 20	Teaching records. Miscellaneous notes.

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Series 4: Smithsonian Tropical Research Institute, Records, 1976-1981, and undated

Note: This series documents the work of Robert E. Silberglied as a biologist and staff scientist at the Smithsonian Tropical Research Institute (STRI). Included are correspondence, memoranda, and personal notes concerning the operation and activities of STRI and the Barro Colorado Island research station. The records document Silberglied's administrative responsibilities and research program, and include materials concerning the STRI fellowship and scholarship program; proposals for ongoing research projects; research funding and travel files; equipment inventories; and personal records.

Box 12

Box 12 of 20	General information concerning the Panama Canal Zone and Canal Treaty, undated
Box 12 of 20	General information regarding STRI facilities, 1976-1977, 1980, and undated. Includes Visitors Information Guide.
Box 12 of 20	Collecting information and permits, 1976-1980
Box 12 of 20	Insect importation permits, U. S. Department of Agriculture, 1976-1979
Box 12 of 20	STRI correspondence, 1977, 1979-1981
Box 12 of 20	STRI memoranda, 1976-1981
Box 12 of 20	STRI Annual Report and other public relations information, 1976-1977, 1980
Box 12 of 20	Correspondence relating to the Committee for the Evaluation of Professional Accomplishments (CEPA), 1980-1981
Box 12 of 20	STRI staff meetings, 1976-1981
Box 12 of 20	STRI Newsletters, 1976-1981
Box 12 of 20	STRI Library, 1977-1978, 1980-1981, and undated. Includes a copy of STRI's serial publications.
Box 12 of 20	STRI bibliography, 1977-1981, and undated
Box 12 of 20	General information regarding STRI fellowships and scholarships, 1980-1981
Box 12 of 20	STRI fellowships, 1980-1981 (2 folders)

Box 12 of 20	General information regarding STRI funds and grants, 1978-1981. Also see Box 4 for information concerning National Science Foundation grants for research performed at STRI.
Box 12 of 20	STRI research proposal. Mark-Release-Recapture Studies of Butterfly Coloration, 1981.
Box 12 of 20	ESP research proposal. Lepidoptera and Forest Ecology, 1980-1981.
Box 12 of 20	ESP research proposal. Ecological Role of Out-breaks of Defoliating Insects in the Tropical Forest in the Barro Colorado Nature Monument, 1980-1981.
Box 12 of 20	Fluid Research Funds. Trip to Hawaii, 1977.
Box 12 of 20	Fluid Research Funds. Evolutionary Studies of Butterflies, 1980.
Box 12 of 20	Fluid Research Funds. Sexual Selection in Butterflies, 1981.
Box 12 of 20	National Geographic Research/Grant information and research proposal for the study of ultraviolet reflection patterns of butterflies, 1981
Box 12 of 20	Research Awards Program proposal. Evolutionary Studies of Butterflies, 1980.
Box 12 of 20	Scholarly Studies Program proposal. Canopy Fogging Across the Isthmus of Panama, 1979. See also Box 1, Folder An-Au for related materials.
Box 12 of 20	Scholarly Studies Program proposal. Evolutionary Studies of Butterflies, 1980.
Box 12 of 20	World Wildlife Fund. Bohio Park, undated.
Box 12 of 20	Materials relating to Silberglied's research, including orders, invoices, bills, and STRI budgeting, 1976-1981
Box 12 of 20	STRI Unit Fund records. Accounting, 1976-1979.
Box 12 of 20	STRI Unit Fund records. Travel, 1976-1977.
Box 12 of 20	STRI travel correspondence and documents, 1975-1981
Box 12 of 20	STRI personal bills, 1976-1980
Box 12 of 20	Materials pertaining to personnel actions, benefits, insurance and tax withholdings, 1976-1981
Box 12 of 20	Information regarding Spanish lessons, 1980-1981

Box 12 of 20	Information concerning proofreaders marks and editing, undated
Box 12 of 20	STRI insect labels, 1979
Box 13	
Box 13 of 20	STRI insect stamps, undated
Box 13 of 20	STRI decals, undated
Box 13 of 20	STRI automotive information, undated
Box 13 of 20	Lists pertaining to property in storage at STRI, 1976, 1978, 1980
Box 13 of 20	Lists pertaining to property stored in Cambridge, Massachusetts, 1981
Box 13 of 20	Inventory of equipment and personal property, undated
Box 13 of 20	Information regarding "Digitizer" operated at STRI, undated
Box 13 of 20	Equipment warranties, instruction manuals, and guarantees, undated
Box 13 of 20	Photomacgraphic equipment information, undated
Box 13 of 20	Barro Colorado Island (BCI). General administration, 1979-1980, and undated. Includes organizational charts, inventory and budgeting information.
Box 13 of 20	BCI. General correspondence and memoranda, 1978-1981, and undated. Includes a list of visiting researchers.
Box 13 of 20	BCI. Silberglied's "things-to-do" File, 1981, and undated.
Box 13 of 20	BCI. Building lay-outs, undated.
Box 13 of 20	BCI. Barbour House, 1977, 1980-1981.
Box 13 of 20	BCI. Butterfly mount in lounge, undated.
Box 13 of 20	Barro Colorado Island (BCI). "The Death of Chumbo," 1978. An account of the death of the leader of BCI's only troop of spider monkeys.
Box 13 of 20	BCI. Environmental impact forms, undated.
Box 13 of 20	BCI. Insectary, 1976, and undated. Includes building plans.
Box 13 of 20	BCI. Species list, 1976-1980, and undated.

Box 13 of 20

BCI. Island maps, undated.

Box 13 of 20

BCI. Meteorological data, 1976, 1978, and undated.

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Series 5: Research Records and Field Notes, 1964-1982, and undated

Note: This series consists of materials relating to Silberglied's research interests in the field of lepidopterology and evolutionary theory; his work in the development of a more refined technique in the use of ultraviolet photography for research purposes; his efforts in the area of conservation both in the United States and Latin America; miscellaneous research papers that were not organized by him in a specific fashion; and field notes documenting research in the Galapagos Islands, Cocos Islands, Lignum vitae Key (Florida), Mexico, Panama, Africa, Costa Rica, Guatemala, and various regions of the United States.

Box 13

Box 13 of 20	Galapagos Islands. General information and travel itinerary, 1973, 1977, and undated.
Box 13 of 20	Galapagos Islands. General correspondence, 1970-1974, 1976-1977, 1980-1982.
Box 13 of 20	Galapagos Islands. Bibliography, undated.
Box 13 of 20	Galapagos Islands. Scientific papers and abstracts, 1964-1967, 1974-1975, and undated. Includes conservation and scientific reports from the Charles Darwin Research Station by Roger Perry.
Box 13 of 20	Galapagos Islands. Newspaper clippings and magazine articles, 1970-1973, 1976-1977, and undated.
Box 13 of 20	Galapagos Islands. Field notes, 1970-1971, and undated. Digital Content: Galapagos Islands, field notes, 1970-1971, and undated [Field Book Registry Item 5824; SIA Item No. SIA_007316_B13_F27]
Box 13 of 20	Galapagos Islands. Field notes, 1970. Digital Content: Galapagos Islands field notes, 1970 [Field Book Registry Item 5825; SIA Item No. SIA_007316_B13_F28]
Box 13 of 20	Galapagos Islands. Biogeography of insects and plants, 1970.

Box 14

Box 14 of 20	Galapagos Islands. Insects of the Archipelago by island, 1964, 1969-1970, and undated.
Box 14 of 20	Galapagos Islands. Flora and fauna, undated.
Box 14 of 20	Galapagos Islands. Materials relating to indexing system to be used in creating a comprehensive record of Galapagana, undated.
Box 14 of 20	Galapagos Islands. Field Guide, undated. Contains preliminary work on the field guide. See also Box 4 for bird illustrations for the Guide. (3 folders)

Box 14 of 20	Cocos Islands. General correspondence, 1979, and undated.
Box 14 of 20	Cocos Islands. Bibliography, undated.
Box 14 of 20	Cocos Islands. Maps, undated.
Box 14 of 20	Cocos Islands. Travel log, "Voyage to Cocos Island," April 4-17, 1979.
Box 14 of 20	Cocos Islands. "Night Watching," 1978-1979. Materials concerning a boat passage through the island chain.
Box 14 of 20	Cocos Islands. List of animal collections, 1979.
Box 14 of 20	Cocos Islands. List of plant collections, 1979.
Box 14 of 20	Lignum vitae Key. Lignum vitae Key Scientific Council, 1971-1979. Includes correspondence, memoranda, and staff meeting agendas. (2 folders)
Box 14 of 20	Lignum vitae Key. Diary/field notes, 1971-1974, and undated.
Box 14 of 20	Lignum vitae Key. Island Survey, 1971. Includes original notes and final draft of survey. See also Box 3 for information regarding the proposed Tourist Trail.
Box 14 of 20	Lignum vitae Key. Newspaper clippings and magazine articles, 1968, 1970-1971, and undated.
Box 14 of 20	Lignum vitae Key. Guidelines prepared for the State Department of Natural Resources by the University Council for Lignum vitae Key, undated.
Box 14 of 20	Lignum vitae Key. A Brief Statement on the Scientific Value of the Key, 1974.
Box 14 of 20	Lignum vitae Key. Report on Key Largo Woodrat by Peter R. Jutro, undated.
Box 14 of 20	Lignum vitae Key. Plants, undated.
Box 14 of 20	Lignum vitae Key. Materials relating to Lignum vitae Corporation, 1968, and undated.
Box 14 of 20	Anartia Mating and Spermatophore Transfer. Data sorted, 1980.
Box 14 of 20	Anartia Mating and Spermatophore Transfer. Computer PGM's, 1980.
Box 14 of 20	Anartia Mating and Spermatophore Transfer. Illustrations, 1980.

Box 14 of 20	Anartia Mating and Spermatophore Transfer. Literature, undated.
Box 14 of 20	Materials relating to research on Phoebis (Aphrissa) statira, undated
Box 14 of 20	Materials relating to research on Agaristidae (Alypia octomaculata), 1975
Box 14 of 20	Materials relating to Opiliones research, 1975-1976, and undated
Box 14 of 20	Materials relating to juvenile hormone experiment, 1972
Box 15	
Box 15 of 20	Series of plates and photos (1-19) listed under "Broadhead Proposal" by Silberglied and Orley R. Taylor, Jr., undated. Includes UV and regular comparisons of butterflies, field photographs, illustrations, and histograms.
Box 15 of 20	Research papers concerning ultraviolet reflection of Pierid butterflies, undated (3 folders)
Box 15 of 20	General research papers relating to such areas as the palatability of Pierid butterflies, Colias butterflies, automimicry, and the use of the television camera in the study of floral ultraviolet patterns in herbarium specimens, undated (2 folders)
Box 15 of 20	Biological indices and abstracts concerning ultraviolet reflection, 1970-1977
Box 15 of 20	Research material relating to spectral transmission data on optical equipment, undated
Box 15 of 20	Correspondence concerning the review of optics equipment, 1973-1975
Box 15 of 20	Miscellaneous research materials, undated (3 folders)
Box 15 of 20	Field notes. Mexico, July-August, 1965. Digital Content: Field notes, Mexico, July-August, 1965 [Field Book Registry Item 5923; SIA Item No. SIA_007316_B15_F13]
Box 15 of 20	Field notes. Florida and Arizona, June-August, 1966.
Box 15 of 20	Field notes. Florida and Arizona, June-September, 1967. Digital Content: Field notes, Florida and Arizona, June-September, 1967 [Field Book Registry Item 5925; SIA Item No. SIA_007316_B15_F15]
Box 16	
Box 16 of 20	Field notes. Florida, May-June, 1968.

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| Box 16 of 20 | Field notes. Florida, June-July, 1969. |
| Box 16 of 20 | Field notes. Albany County, New York, September, 1970. |
| Box 16 of 20 | Field notes. Florida and Arizona, June-September, 1971. |
| Box 16 of 20 | Field notes. Arizona and Costa Rica, 1972. |
| Box 16 of 20 | Field notes. Costa Rica and Guatemala, February-April, 1973. |
| Box 16 of 20 | Field notes. Panama and Africa, 1975. |

[Digital Content: Portrait of Robert E. Silberglied, 1975 \[Image No. SIA2012-7932\]](#)

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Series 6: Photographs, Films, and Photographic Records, circa 1963-1979, and undated

Note: This series consists mostly of photographs taken for research purposes by Robert E. Silberglied. Included are an enormous quantity of photographs of butterflies. In addition to the actual photographs, a variety of negatives and proofsheets are included. Many of the photographs are numerically identified using a system devised by Silberglied. A photographic log, maintained by Silberglied, provides partial identifications to numbered photographs. Also included is a small amount of photographs of Silberglied, family and friends, social occasions and outings, the Barro Colorado Island research station, and various flora and fauna. Two films relating to Silberglied's research on butterflies are also included.

Box 16

Box 16 of 20	Photographic log, circa 1963-1971, and undated. Apparently a numerical index of photographs taken by Silberglied.
Box 16 of 20	Photographic record, Panama, 1976
Box 16 of 20	Miscellaneous photographic records, 1976-1978, and undated
Box 16 of 20	Barro Colorado Island, circa 1970s. Includes photographs of buildings, laboratories, and the insectary.
Box 16 of 20	Barro Colorado Island. Aerial photographs, August 1, 1979. Includes an index and description of the photographs.
Box 16 of 20	Galapagos Islands, 1970, and undated. See photographic log (Box 16) for descriptive information.
Box 16 of 20	Colias photographs, summer 1970. See photo graphic log (Box 16) for descriptive information. Digital Content: Colias on Plant, 1971 [Image No. SIA2012-7945]
Box 16 of 20	Butterfly photographs, undated. The majority of the photographs are unidentified. See photographic log (Box 16) for information on numbered photographs. (4 folders) Digital Content: Magnified Butterfly Wing [Image No. SIA2012-7946]

Box 17

Box 17 of 20	Butterfly photographs, undated. The majority of the photographs are unidentified. See photographic log (Box 16) for information on numbered photographs. (6 folders) Digital Content: Portrait of a Butterfly (folder 5) [Image No. SIA2012-7947]
Box 17 of 20	Scanning Electron Microscope photographs, 1971-1974, and undated

Box 17 of 20	Negatives and proofsheets, 1970-1971, and undated. Includes landscapes, butterflies, and other insects. (2 folders)
Box 17 of 20	Insects, undated
Box 17 of 20	Robert E. Silberglied, 1968, 1971, and undated Digital Content: Robert E. Silberglied with a Camera, July 1971 [Image No. SIA2012-7948]
Box 17 of 20	Annette Aiello, undated
Box 17 of 20	Unidentified people, undated
Box 17 of 20	Notebook containing photographs of Silberglied; family and friends; outings, field trips, and social occasions; flora and fauna, especially butterflies; and landscapes, seascapes, and tornadoes, circa 1960s-1970s.
	Note: See Box 20 for films. Summary: Note: See Box 20 for films.

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Series 7: Manuscripts, Publications, and Papers in Progress, 1969-1984, and undated

Note: This series consists of a bibliography of Silberglied's publications; original notes and manuscript drafts; reprints and articles; papers in progress; and in some instances, correspondence between author and publisher. Refer also to Series 1 for related correspondence.

Box 17

Box 17 of 20	Bibliography of Robert E. Silberglied, 1969-1982
Box 17 of 20	List of book reviews in non-scientific journals, 1977-1981
Box 17 of 20	"Mimicry of Hymenoptera by Beetles with Unconventional Flight," 1969
Box 17 of 20	"Stridulatory Files as Diffraction Gratings in Mutillid Wasps," 1969
Box 17 of 20	"Ultraviolet Video-Viewing: The Television Camera as an Insect Eye," 1969
Box 17 of 20	"Ultraviolet Reflection of a Male Butterfly: Interference Color Caused by Thin-Layer Elaboration of Wing Scales," 1972
Box 17 of 20	"Plant Taxonomy: Ultraviolet Patterns of Flowers Visible as Fluorescent Patterns in Pressed Herbarium Specimens," 1972
Box 17 of 20	"The 'Little Fire Ant,' <i>Wasmannia auropunctata</i> , A Serious Pest in the Galapagos Islands," 1972
Box 17 of 20	"Terrestrial invertebrates; terrestrial vertebrates (excluding birds)," 1972
Box 17 of 20	"Ultraviolet Differences Between the Sulphur Butterflies, <i>Colias eurytheme</i> and <i>C. philodice</i> , and a Possible Isolating Mechanism," 1973

Box 18

Box 18 of 20	"Visualization and Recording of Longwave Ultraviolet Reflection From Natural Objects," 1976
Box 18 of 20	Book Review: <i>Insect Ecology</i> , by Peter W. Price, 1976
Box 18 of 20	"Quinones and Phenols in the Defensive Secretions of Neotropical Opilionids," 1977
Box 18 of 20	"Communications in the Lepidoptera" ? (3 folders)
Box 18 of 20	"Defensive Adaptations of Some Neotropical Long-horned Beetles: Antennal Spines, Tergiversation, and Double Mimicry," 1976

Box 18 of 20	"Ultraviolet Reflection and its Behavioral Role in the Courtship of the Sulfur Butterflies <i>Colias eurytheme</i> and <i>C. philodice</i> (Lepidoptera, Pieridae)," 1978 (5 folders)
Box 18 of 20	"Inter-Island Transport of Insects Aboard Ships in the Galapagos Islands," 1978
Box 18 of 20	"Orange Bands, A Simple Recessive in <i>Anartia fatima</i> (Nymphalidae)," 1978
Box 18 of 20	"Chemistry of Defensive Secretions of Bombardier Beetles (Brachinini, Metrui, Ozaenini, Paussini)," 1977
Box 18 of 20	Book Review: <i>Insect Ecology</i> by R. W. Matthews, 1978
Box 18 of 20	Book Review: <i>The Arthropoda: Habits, Functional Morphology, and Evolution</i> by S. M. Manton, 1979
Box 18 of 20	"Life History of <i>Dynastor darius</i> (Lepidoptera: Nymphalidae: Brassolinae) in Panama," 1978
Box 18 of 20	"Communication in the Ultraviolet," 1979
Box 18 of 20	"Camouflage by Integumentary Wetting in Bark Bugs," 1980
Box 18 of 20	"Neotropical Butterflies of the Genus <i>Anartia</i> : Systematics, Life Histories and General Biology (Lepidoptera, Nymphalidae)," 1979
Box 19	
Box 19 of 20	"Disruptive Coloration in Butterflies: Lack of Support in <i>Anartia fatima</i> ," 1980
Box 19 of 20	" <i>Papilio fatima</i> Fabricius, 1793 (Insecta, Lepidoptera): Request for Conservation Under the Plenary Powers," 1982
Box 19 of 20	"Eunuchs: The Role of Apyrene Sperm in Lepidoptera," 1984
Box 19 of 20	"Visual Communication and Sexual Selection Among Butterflies," 1984 (3 folders)
Box 19 of 20	Papers in progress, undated (2 folders)

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Series 8: Speeches and Lectures, 1969-1981

Note: This series includes a list of talks presented, during a large portion of Silberglied's career, along with preparatory notes, lecture drafts, and micro-cassette recordings of a few presentations. See also Series 1 for related materials.

Box 19	
Box 19 of 20	List of talks presented, 1969, 1971-1977, 1980-1981
Box 19 of 20	"Hot Springs Insects," Cambridge Entomological Club, November 13, 1973
Box 19 of 20	"The Role of Ultraviolet Perception in the Behavior of Insects," Annual Meeting of the Entomological Society of America, December 3, 1980
Box 19 of 20	"Lepidoptera as Experimental Tools for Field Studies of Evolutionary Processes" and "What Makes Insects Special for Studies of Evolutionary Processes?" Department of Entomology, University of Maryland, February 16, 1981
Box 19 of 20	"Visual Communication," Royal Entomological Society, Reading, England, September, 1981

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Series 9: Personal and Biographical Materials, 1946-1982, and undated

Note: This series contains a variety of materials concerning Robert E. Silberglied's personal affairs. Included are daily diaries and calendars; his professional dossier; biographical sketches published after his death; and records documenting his medical history, selective service status, income taxes, insurance policies, and various other aspects of his personal life.

Box 19

Box 19 of 20	Professional dossier, 1981
Box 19 of 20	Biographical sketches of Silberglied, circa 1982
Box 19 of 20	Daily calendars, 1967-1981
Box 19 of 20	Diaries, 1967-1981
Box 19 of 20	Christmas list, 1967-1975
Box 19 of 20	Health records, 1947-1981. Includes copy of birth certificate, vaccination records, and records of physical examinations and illnesses.
Box 19 of 20	Social Security information, undated
Box 19 of 20	Income tax, 1980
Box 19 of 20	Apartment - Cambridge, 1968
Box 19 of 20	Selective Service, 1966-1970
Box 19 of 20	Passport and visa information, 1970, 1978
Box 19 of 20	Jury duty, 1981
Box 19 of 20	Employee Health Benefits Program, 1976, 1980, and undated
Box 19 of 20	Life insurance, 1981
Box 20	
Box 20 of 20	Insurance claims, 1965, 1970, 1972, 1973
Box 20 of 20	Real estate appraisals, 1975
Box 20 of 20	Personal auto file, 1973-1981
Box 20 of 20	"Crazy File." Contains poetry selections, quotes, cartoons, newspaper clippings, and other personal memorabilia, circa 1950s-1970s.

Films
Summary: Films

Box 20 of 20 "Colias," by Silberglied and Orley R. Taylor, Jr., 1971. 16mm color film.

Box 20 of 20 "Rearing Anartia Butterflies," by Silberglied and Annette Aiello, 1976. 8
mm film.

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