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RS 13/6/52

Henry Gilman (1893-1986)

Papers, 1893-1993

Descriptive summary

creator: Gilman, Henry (1893-1986)
title: Papers
dates: 1893-1993
extent: 23.52 linear feet (47 document boxes and 1 index card box)
collection number: RS13/6/52
repository: University Archives, Special Collections Department, Iowa State University.

Administrative information

access: Open for research
publication rights: Consult Head, Special Collections Department
preferred citation: Henry Gilman Papers, RS13/6/52, Special Collections Department, Iowa State University Library.

Biographical note

Henry Gilman was born in Boston, Massachusetts on May 9, 1893. He received his B.S. (1915), M.S. (1916), and Ph.D. (1918) in Chemistry from Harvard University. He received the Sheldon Fellowship and studied in Europe at Zurich Polytechnikum, and at Oxford in London.

Gilman began his career at the University of Illinois as an Instructor of Chemistry (1919). He joined the faculty of Iowa State College (University) as an Assistant Professor (1919-1920). He was promoted to Associate Professor (1920-1923) and Professor (1923-1986) and was honored by being named Distinguished Professor (1962). While at Iowa State, Gilman helped to develop the Chemistry Department into one of national renown.

Gilman's main area of research was in organometallic chemistry and he built a reputation as a pioneer in the field. He authored or co-authored over a thousand papers and edited a two-volume textbook, *Organic Chemistry: An Advanced Treatise* (call no. QD251 G42o). Gilman was on the board of editors for *Journal of Organic Chemistry* and the *Journal of American Chemical Society*. During World War II, Gilman was a consultant on the Manhattan Project. He also laid the groundwork for a growing interest in organometallics among chemical industries after the war, setting the stage for further development of plastics. Despite developing glaucoma and retinal detachment (1947) that left him blind in one eye and with limited vision in the other, Gilman continued to teach and research until his death.

Gilman gave countless lectures and speeches around the world including the First International Symposium on Organometallic Chemistry (1963). He also spoke at other International Symposia on Organosilicon Chemistry in Prague, Heidelberg, Rome and Paris. In addition, he was invited to speak in West Germany, Italy, Czechoslovakia, The Netherlands, France, Bulgaria, and Romania. The United States National Academy of Science designated him the official representative and lecturer (1963) to the Soviet Union.

Due to his extraordinary career, Gilman received numerous awards and distinctions. He was elected (1945) into the National Academy of Sciences. He received the Iowa and Midwest Award (1951) from the American Chemical Society. Gilman was elected as an Honorary Fellow (1961) of the British Chemical Society and he was the first recipient of the American Chemical Society's Frederic Stanley Kipping Award in Organosilicon Chemistry (1962). The American Chemical Society also awarded Gilman with the Priestly Medal (1977). Gilman received one of the first Distinguished Fellow Awards (1975) from the Iowa Academy of Sciences and he was presented with one of the first Iowa Governor's Science Medals (1982). The chemistry building at Iowa State University was renamed Gilman Hall in 1974.

Gilman married Ruth V. Shaw in 1929. He died November 7, 1986, at the age of 93 and is interred at the Iowa State University Cemetery.

Collection description

The collection (1893-1993, undated) contains biographical information, correspondence, research, presentations, and published works of Dr. Gilman. The biographical information includes awards, a bibliography, newspaper clippings, and general biographical information. Included in the correspondence are letters to and from doctoral students, family members and other individuals. Gilman's publications comprise much of the collection and mostly focus on organometallic chemistry. The collection also contains information about the graduate program in chemistry at Iowa State University and Gilman's association with professional organizations.

Related materials

Further information regarding Henry Gilman's life can be found in the following publications:

- Petersen, Ingo H. "The Henry Gilman I Knew," *Chemistry at Iowa University: Some Historical Accounts of the Early Years*, compiled and edited by Patricia A. Thiel. Ames, Iowa: Department of Chemistry, Iowa State University, c2006. (call number: QD47.5 I83 I58x 2006)
- Collins, Sibrina N. "The Gilman Pipeline: a Historical Perspective of African American Ph.D. Chemists from Iowa State University." *Chemistry at Iowa University: Some Historical Accounts of the Early Years*, compiled and edited by Patricia A. Thiel. Ames, Iowa: Department of Chemistry, Iowa State University, c2006. (call number: QD47.5 I83 I58x 2006)
- Eaborn, C. "Henry Gilman," *Biographical Memoirs of Fellows of the Royal Society*, 1990, vol. 36, pp 153-172. (call number: Q1 R813b)
- Morton, John. *Gilmania: Being a Thesaurus of Verbal and Pictorial Efforts, on the Part of Divers Organic-Chymists, at a Brief Commentary, upon Their Experience in The Laboratories of the Iowa State College of Agriculture and Mechanic Arts*. Ames, [Iowa : Carter Press], 1954. (call number: QD21 G55x 1954)

Box	Folder	Title	Dates
1	5-6	Biographical information provided to publishers and biographers	1942-1979
2	4	Honors given to Dr. Gilman (2 3x4 color photographs and 1 8x10 B&W photograph)	1943-1972
2	5	Election to the National Academy of Science – letters and announcements	1945
2	6	American Chemical Society Awards Committee	1950-1969
2	7	American Chemical Society Awards, Iowa Award – brochures and letters	1951
2	8	American Chemical Society Awards, Midwest Award – brochures, news clippings and letters	1951
2	9	Awards – news clippings and brochures	1951-1988
2	10	“Gilmania” – attribute in prose written by John Morton	1954
3	1	Frederick Stanley Kipping Award in Organosilicon Chemistry – letters of congratulations	1961-1962
3	2	Distinguished professor – information	1962
5	6	Photographs of Kipping Award (19 3x5 color, 1 5x7 color, 13 3x5 B&W, and 2 5x7 B&W photographs)	1962
5	7	Photographs-Centre National de la Recherche Scientifique in Paris (includes 6 7x9 B&W photographs)	1962
3	4	USSR Visit – news clippings	1963
3	3	70 th Birthday celebration and 80 th birthday celebration	1963-1973
5	8	Russian Trip Memorabilia	1967
5	9	Russian Trip Memorabilia	1967
5	10	Photographs (14 3x4 B&W, 25 3x5 B&W, 5 3x5 color photographs)	1967
24	17	75 th birthday wishes	1968
1	8	General biographical information	1968-1983
3	5-6	Newspaper clippings	1968-1985
5	11	Russian visit (5 8x10 B&W photographs)	1971
44	3	Citations of Gilman's Work from Chemical Abstracts	1972-1976
25	13	80 th birthday celebration	1973
5	12	Photographs (13 3x5 color and 2 5x7 color photographs)	1973

Box	Folder	Title	Dates
Map	Case	80 th and 90 th birthday cards	1973, 1983
3	7	Dedication of Gilman Hall	1974
3	8	Dedication of Gilman Hall – slides of Ruth and Henry Gilman at dedication of Gilman Hall	1974
3	8	Oral history interview with Henry Gilman by Charles Ellis	1974
3	9	Oral history with Charles Ellis regarding Henry Gilman	1974
5	13	Dedication of Gilman Hall – Photographs (12 5x7 B&W photographs)	1974
5	14	Photographs (1 8x10 B&W with Nathaniel Calloway, 6 3x4 B&W, 2 5x7 B&W, and 4 8x10 B&W photographs)	1974
3	10	Membership into the Royal Society (1 of 2)	1974-1975
4	1	Membership into the Royal Society (2 of 2)	1974-1975
4	2	Royal Society program meeting	1974-1975
4	3-4	Bibliography	1976
4	5	Professional biography and bibliography	1976
4	6	Address at the 60 th anniversary of the graduate college	1976
4	7	“Chemical and Engineering News” – publication with Henry Gilman on the cover	1976
4	8	New York Academy of Sciences Honorary Membership	1976
4	10	Priestly Medal	1976
4	11	Priestly Medal information and letters of thank you and invitation	1976
27	10	50 th wedding anniversary	1979
28	2	Birthday wishes and cards (1 3x5 B&W photograph)	1980
5	1	Gilman Lecture Endowment Fund	1982-1983
5	2	90 th birthday celebration	1983
6	1	90 th birthday celebration (9 3x4 B&W photographs)	1983
5	3	Gilman Excellence Fellowship Fund	1984
1	7	Bibliographical information on articles written by Gilman and D. Wittenberg	1986
30	6	Obituaries	1986
30	7	Condolences regarding Gilman’s death	1986

Box	Folder	Title	Dates
5	4	Gilman lecture series invitations and news clippings	1988
6	2	"From the Past" A collection of memories by the students of Professor Henry Gilman	1993
6	3	Photographs – (9 3x5 B&W, 6 8x10 B&W and 2 5x7 B&W)	undated
2	1	Bibliographical sketch in Who's Who in America	undated
6	4	Travel memorabilia from Russia – (3 5x7 B&W photographs)	undated
6	5	Photographs of Dr. Gilman – (10 5x7 B&W photographs)	undated
6	6	Photographs and postcards – (4 5x7 color, 1 5x7 B&W, 18 3x7 postcards and 2 2x4 B&W photographs)	undated
6	7	Photographs of Dr. Gilman with family, friends and colleagues – (6 8x10 B&W photographs and 1 8x10 B&W of Dr. Gilman with Jay Lush and Frank Spedding)	undated
6	8	Photographs of Echenmoser Lecture – (37 3x5 color photographs)	undated
Map	Case	Wisdom Society – certificate	undated
Map	Case	Royal Society of London – certificate	undated
Map	Case	Photograph of Rekule	undated
45	9	Listings of Gilman's Post Doctorate Students	undated
46	6	Oral History, "A Conversation with Dr. Henry Gilman" (1 CD)	1976

Description of series

Series 2 Correspondence with Individuals 1920-1987, undated

extent: 3.36 linear feet (8 document boxes)

description: This series contains correspondence of Henry Gilman and individuals. Correspondents include doctoral students, family members, colleagues, and other individuals.

Container list

Box	Folder	Title	Dates
6	9	Abbott, Roy	1952-1966
6	10	Abel, Edward	1973
28	4	A-D – Miscellaneous Individuals from Gilman	1980-1986
29	5	A-D – Miscellaneous Individuals from Gilman	1983-1985
6	11	Adam, Waldemar	1973-1974
6	12	Adams, Chet	1925
6	13	Adams, Roger	1922-1976
22	7	A-F – Miscellaneous Individuals	1941-1981
6	14	Ahaphahob, K. A.	1968-1975
6	15	Albright, John	1980
6	16	Allen, Charles F. H.	1936-1977
6	17	Anderson, R.C.	1961-1963
6	18	Angelici, Bob	1978-1985
6	19	Aoki, Dan	1957-1977
6	20	Apperson, Lester	1955-1976
6	21	Armtzen, Clyde	1977
6	22	Arnold, Dick R. T.	1960-1973
6	23	Ashby, E. C.	1968-1974
6	24	Atwell, William	1965-1971
6	25	Avakian, Souren	1954-1967
7	1	Bailar, John	1975
7	2	Bailie, J. C.	1939-1977
7	3	Baine, Ogden	1961
7	4	Balassa, Leslie	1955-1975
7	5	Ballard, D. H.	1976
7	6	Ballester, Manuel	1966-1972
7	7	Banks, Kenneth	1975
7	8	Bardos, Thomas	1974
7	9	Barnett, Maxwell	1936

Box	Folder	Title	Dates
7	10	Barry, Art	1976
7	11	Bartlett, Paul	1955-1978
7	12	Barton, Tom	1977
7	13	Bažant, V.	1971
7	14	Beak, Peter	1980-1982
7	15	Bebb, Robert	1938-1978
7	16	Becker, Ernest	1961-1976
7	17	Beel, John	1959-1967
7	18	Benedict, Norman	1948-1954
7	19	Benkeser, Robert	1950-1978
7	20	Benner, Claude	1978
7	21	Bergmann, Ernest	1931
7	22	Bigelow, L. A.	1964
7	23	Binkerd, E. F.	1968-1975
7	24	Blatt, A. H.	1950-1976
7	25	Bock, Hans	1974
7	27	Bolliger, Hans	1977
7	28	Boriou, S.	1967
7	29	Bradley, D. C.	1959-1968
7	30	Brannen, Cecil	1950-1963
7	31	Brennan, Tom	1968-1975
7	33	Brever, Fred	1971-1975
7	32	Brewster, R. Q.	1939-1975
7	34	Broadbent, H. Smith	1949-1978
7	35	Brodie, George	1978
7	36	Brook, Adrian	1952-1978
8	1	Brown, George	1949-1973
8	2	Brown, Glen	1964
8	3	Brown, Herbert	1967
8	4	Brown, R. E.	undated
8	5	Buchanan, R. E.	1927

Box	Folder	Title	Dates
8	6	Burger, Alfred	1952-1977
8	7	Burkhalter, Joseph	1953-1964
8	8	Burnett, George	1976-1978
8	9	Burtner, Robert (includes a cassette tape letter)	1953-1977
8	10	Bywater, W. G.	1949-1974
8	11	Calas, R.	1969-1977
8	12-14	Calloway, Nathaniel	1933-1978
8	15	Cartledge, Frank	1969-1978
8	16	Carver Hall	1970
8	17	Cason, Louis	1942-1974
8	18	Cassidy, Harold	1976
8	19	Catlin, William	1935-1975
8	20	Champaigne, John	1952-1963
8	21	Chaney, Lee	1949-1976
8	22	Chapman, Dwain	1961-1975
8	23	Chapman, Orville	1970-1983
9	1	Chatt, Joseph	1970-1982
9	2	Chiotti, Premo	1978
9	3	Chivers, Tristan	1969
9	4	Christensen, George	1971
9	5	Chvalovsky, V.	1969
9	6	Clarke, H. T.	1940-1944
9	7	Coates, G. E.	1966
9	8	Cole, Mary Lou	1984
9	9	Coleman, George	1961
9	10	Conant, J. B.	1934-1977
9	11	Conquest, Victor	1963
9	12	Considine, William	1985
9	13	Cook, Thomas	1955-1976
9	14-15	Coover, W. F.	1925-1975
9	16	Cope, Arthur	1945-1961

Box	Folder	Title	Dates
9	17	Corbett, John	1969-1985
9	18	Corey, E. J.	1980
9	19	Corey, Joyce	1980-1981
9	20	Cori, Carl F.	1975
9	21	Cornforth, J. W.	1975
9	22	Corriu, R.	1984
9	23	Cottis, Steve	1962-1965
9	24	Courtot, C.	1926-1951
9	25	Cram, D. J.	1975
9	26	Crawford, Bryce	1974-1979
9	27	Crawford, Marjorie	1942-1978
9	28	Crouse, Nathan	1945-1952
9	29	Curtice, Jay	1949-1975
9	30	Deihl, Gus	1954-1979
9	31	Dessy, Raymond	1976
9	32	Dietrich, Joseph	1956-1977
9	33	Djerassi, Carl	1982
9	34	Dombras, Theodore	1956
9	35	Dua, S.S.	1975-1977
10	1	Dunn, Gerald	1950-1970
10	2	Eaborn, Colin	1958-1985
10	3	Eaton, Gordon	1985-1986
10	4	Edwards, John	1952
28	5	E-H – Miscellaneous Individuals from Gilman	1980-1986
10	5	Eidt, Scott	1956-1976
10	6-7	Eisch, John	1955-1978
29	6	E-J – Miscellaneous Individuals from Gilman	1983-1985
10	8	Elderfield, Robert	1949-1975
10	9	Ellis, Charles	1974
10	10	Eschenmoser, Albert	1985
10	11	Esmay, Donald	1952-1969

Box	Folder	Title	Dates
10	14	Fearon, Gordon	1965-1976
10	15	Fieser, Louis	1964
10	16	Fischer, J.	1969-1974
10	17	Fleck, Herman - Concerning Grignard (1 3x5 B&W photograph, 1 8x10 B&W photograph, and 2 5x7 B&W photographs)	1923-1937
10	18	Flick, Fulton	1933-1970
10	19	Flory, Paul	1985
10	20	Fly, Claude	1977
11	1	Foldesi, István	1964
11	2	Foster, L. H.	1980
11	3	Fothergill, Robert	1974
11	4	Fox, Sydney	1974-1984
11	5	Franz, Raymond	1948-1960
11	6	Frye, Cecil	1975-1984
11	7	Fullhart, Lawrence	1949-1976
11	8	Furry, Margaret	1977
11	9	Gainer, Gordon	1955-1977
11	10-12	Garfield, Eugene	1985
11	13	George, M. V.	1957-1978
11	14	Gerow, Clare	1951-1959
11	15	Gerstenberger, D.	1978
11	16	Gilman Family – Cathi Gilman (granddaughter)	1980
29	4	Gilman Family – Grandchildren, Son, and Daughter	1983
11	17	Gilman Family – Hank (Henry) Gilman (son)	1964-1970
11	18	Gilman Family – Jane (Gilman) Liebich- (daughter)	1979
10	13	Gilman Family – Julie and John Farber (granddaughter and husband)	1981-1984
13	28	Gilman Family – Lynn (granddaughter)	1984
13	22	Gilman Family – Rick Liebich (grandson)	1968
11	19	Gilman Family – Ruth Gilman (wife) (2 8x10 B&W, 5 3x4 color, and 3 3x4 B&W photographs)	1934-1975

Box	Folder	Title	Dates
10	12	Gilman Family Members (1 3x5 color photograph)	1986
25	6	Gilman, Henry and Ruth – Letters to	1970-1980
11	20	Gist, Lewis	1952-1977
22	8	G-L – Miscellaneous Individuals	1941-1981
16	5-6	Glen Russell	1958-1975
11	21	Goodman, Jack	1954
14	15	Gordon O'Donnell	1944-1976
11	22	Gorgaus, T. N.	1949-1960
11	23	Gorsich, Richard	1956-1973
11	24	Gray, Suzanne	1954-1961
30	9	Greetings and Well Wishes from Individuals	1986
21	14	Greetings from close friends	1936-1970
11	25	Gregory, Walter	1942-1952
12	1	Gromberg, Moses	1925-1976
12	2	Haidoc, Ionel	1966-1978
12	3	Hallum, Alton	1983
12	4	Hamilton, Carl	1970
12	5	Hammer, Charles	1966-1970
12	6	Handler, Philip	1970-1974
12	7	Harrell, Robert	1965-1976
12	8	Harris, Stanton	1952-1977
12	9	Hartzfeld, Howard	1977
12	10	Harwood, H. J.	1972
12	11	Haubein, Howard	1942-1975
12	12	Haworth, Daniel	1985
12	13	Heck, Lloyd	1948
12	14	Heckert, Leon	1920-1967
12	15	Hendricks, Clifford	1938
12	16	Heuman, Karl	1982
12	17	Hewlett, A. P.	1950-1976
12	18	Hoehn, Willard	1956-1978

Box	Folder	Title	Dates
12	19	Hoff, Wilbur	1963-1983
12	20	Hofferth, Burt	1949-1975
12	21	Hogg, John	1975
12	22	Honeycutt, Julian	1948-1975
12	23	Howard, Martha Mackin	1961-1977
12	24	Howells, Richard	1972-1974
12	25	Hughs, Mark	1958-1974
12	26	Hunter, Byron	1941-1977
12	27	Illuminati, Gabriello	1952-1976
12	28	Ingham, Robert	1947-1978
28	6	I-P – Miscellaneous Individuals from Gilman	1980-1986
12	29	Jacoby, A. L.	1940
12	30	Jarvie, Anne	1961-1976
14	14	Jean Normant	1985
12	31	Johnson, Robert	1955-1978
12	32	Jones, Ruben	1941-1976
13	1	Kamienski, Conrad (1 2x4 B&W photograph, 1 3x5 B&W photograph)	1984
13	2	Karmas, George	1942
13	3	King, Ben	1958
13	4	King, Bruce	1983
13	5	Kinney, Corliss	1968-1977
13	6	Kirby, James	1928-1972
13	7	Kirby, Robert	1932-1972
13	8	Kirkpatrick, W. H.	1971-1976
13	10	Kolb, Gerhard	undated
13	11	Koppang, Rolf	1967-1974
13	9	Koppel, Walter	1950-1952
29	7	K-Q – Miscellaneous Individuals from Gilman	1983-1985
13	12	Krämer, Josef	1959-1962
13	13	Krotz, Robert	1983

Box	Folder	Title	Dates
13	14	Kyle, Robert	1947-1977
13	15	Langham, Wright	1947-1972
13	16	Law, Ken	1985
13	17	Leeper, Robert	1949-1976
13	18	Leermakers, John	1950-1977
13	19	Lehn, Jean Marie	1986
13	20	Lentz, Kenneth	1949-1952
13	21	Lepke, Phyllis	1979
13	23	Lichtenwalter, Glen	1973-1975
13	24	Lichtenwalter, Myrl	1938-1973
13	26	Lipshutz, Bruce	1984
13	25	Liv, Sheng-Lieh	1961-1978
13	27	Ludeman, Helen	1961-1976
13	30	Mallory, H.E. (1 5x7 color photograph)	1976-1977
13	31	Mann, F. G.	1980
13	32	Maple, Kenneth	1950-1975
13	33	Marrs, Oren	1961-1977
13	34	Marshall, Fredrick	1953-1969
13	35	Martin, George	1945
13	36	Marvel, C. S.	1979
13	37	Massie, Samuel	1949-1977
13	29	McCracken, Roy	1959
13	38	Meals, Robert	1962-1975
13	39	Melstrom, Donald	1943-1960
13	40	Melvin, Horace	1942-1976
13	41	Meyers, Charles	1925
13	42	Miller, David	1959-1975
13	43	Miller, Kenneth	1963-1967
13	44	Miller, Lewis	1951-1953
13	45	Moore, Fred	1942-1973
14	1	Moore, Leonard	1957-1975

Box	Folder	Title	Dates
14	2	Morris, Peter	1965-1972
14	3	Morris, Ralph and Henry	1983
14	4	Morton, John	1952-1975
22	9	M-R – Miscellaneous Individuals	1941-1981
14	5	Naylor, Nellie	1983
14	6	Neal, Valerie	1980
14	7	Nelson, David	1972-1977
14	8	Nelson, J. F.	1934-1977
14	9	Nesnienova, Mazina Vihogradova	1963
14	10	Neuman	1985
14	11	Nobis, John	1949-1977
14	12	Noltes, Jan	1985
14	13	Normant, Henry – Concerning Grignard	1957-1975
14	16	Oatfield, Harold	1931-1934
14	17	Oatfield, Harold	1936-1976
14	19	Oatfield, Harold	1951-1959
15	1	Oatfield, Harold	1960-1983
15	3	Oatfield, Harold	1975-1977
15	2	Oatfield, Harold – Concerning Chemical Issues	1962-1981
15	4	Oatfield, Harold – Concerning Gilmania	1987-1989
14	18	Oatfield, Harold – Professional Letters	1950-1980
15	5	Oita, Katashi	1954-1978
15	6	Pace, Henry	1944-1977
15	7	Parker, Paul	1953-1975
15	8	Parks, W. Robert	1984
15	9	Peterson, D. J.	1962-1976
15	10	Peterson, Ingo	1960-1987
15	11	Peterson, J. M.	1926
15	12	Pickens, Russell	1925-1973
15	13	Plunkett, Mary Ruther	1942-1977
28	7	Q-Z – Miscellaneous Individuals from Gilman	1980-1986

Box	Folder	Title	Dates
16	1	Rahman, R.T.	1969-1978
16	2	Ranck, Ralph	1957-1970
16	3	Raymond, Albert	1936-1941
16	4	Robinson, J. D.	1932-1952
29	8	R-Z – Miscellaneous Individuals from Gilman	1983-1985
16	8	Santucci, Ludorico	1955-1974
16	9	Schroeder, Ira	1982
16	10	Schulze, Ferdinand	1930-1977
16	11	Seeman, Jeffrey	1983
16	12	Selby, William	1969-1976
16	13	Sen, P. K.	1972-1974
16	14	Seyferth, Dietmer	1980
16	15	Sheldon, A. C.	1965
16	16	Shirley, David	1947-1977
16	17	Sim, James See-Yuen	1968-1975
16	18	Smart, Russell	1948-1973
16	19	Smith, Bryce	1961-1964
16	20	Smith, Clifford	1961-1976
16	21	Smith, E. W.	1936-1974
16	22	Smith, Milton	1969-1976
16	23	Spatz, Sydney	1961-1978
16	7	St. John, Nina Pidgeon	1977
17	2	Stevdel, D. W.	1958-1961
17	3	Straley, James	1959-1977
17	4	Stuckwisch, Clarence	1943-1978
17	5	Summers, Lawrence	1950-1957
17	6	Sunthanker, S. V.	1957-1977
17	7	Swayampati, D. R.	1952-1977
17	8	Swiss, Jack	1954-1976
22	10	S-Z – Miscellaneous Individuals	1941-1981
17	9	Tarbell, D. S.	1982

Box	Folder	Title	Dates
17	10	Thirtle, John	1949-1973
17	11	Tintner, Gerhard	1980-1982
17	12	Tomasi, Richard	1963-1978
17	13	Toubes, Benjamin	1962-1975
17	14	Towle, Jack	1958-1960
17	15	Towne, Edmund	1935-1978
17	16	Trepka, William	1961-1975
17	17	Tsutsui, Minoru	1979
17	18	Turck, Joseph	1954-1962
17	19	Vanderwal, Robert	1936-1977
17	20	Verkade, John	1985
17	21	Vernon, C. C.	1926
17	22	Warner, Philip	1986
17	23	Webb, Tony	1970-1975
17	24	Weipert, Gene	1964-1973
17	25-26	West, Robert	1963-1975
18	1	Weyenberg, D. R.	1980
18	2	Wilder, Gene	1954-1957
18	3	Winkler, Hans	1958-1975
18	4	Wittenberg, Dietmer	1958-1976
18	5	Wolf Foundation	1983
18	6	Woods, Lavern	1946-1977
18	7-8	Wright, George	1932-1953
18	9	Wu, Tse-Chang	1971-1978
18	10	Yale, Harry	1949-1978
18	11	Yeoman, Fred	1957
18	12	Young, Richard	1939-1971
18	13	Zaffarano, D. J.	1986
18	14	Zoellner, Edwin	1975
18	15	Zuech, Ernest	1956-1976

Description of series

Series 3 Correspondence Relating to Subjects 1921-1986

extent: 5.88 linear feet (14 document boxes)

description: This series contains the correspondence regarding chemistry, the graduate program at Iowa State University, Gilman's health concerns, and industries.

Container list

Box	Folder	Title	Dates
18	17	Activated Magnesium Catalyst	1921-1925
19	7	Agricultural By-Products	1928-1929
22	2	Aliphatic Fluorides	1940-1942
21	5	Alkaloids	1934-1946
21	4	Allicyclic Compounds	1934-1943
25	7	Allied Chemical Company	1971
19	6	American Chemical Society	1924-1946
20	10	American Chemical Society	1930-1954
23	3	American Chemical Society	1946
24	7	American Chemical Society Meeting In Boston	1959
22	5	Amino Acids	1941
24	4	Anderson Laboratories	1956
21	2	Anthocyanins and Flavones	1934-1942
23	22	Antibiotics	1952
23	19	Anti-Malarial Drugs	1950
24	9	Arapahoe Chemical Company	1962
23	20	Army Chemical Center	1950
20	15	Aromatic Chemistry	1933-1942
26	8-11	Barbier Letter – Responses to	1975-1976
27	1-2	Barbier Letter – Responses to	1975-1976
26	3-6	Barbier-Grignard Research	1975
18	16	Beryllium	1921

Box	Folder	Title	Dates
21	19	Book Reviews	1938-1954
27	6	Books Donated to Iowa State University and Other Universities	1977
24	2	Brookhaven Secondary Radiation-Boron Studies on Brain Tumors	1954-1960
22	4	Buffalo University and Foster Lectures	1941
24	6	Canada Lecture Tour	1957
23	17	Cancer Research	1949-1950
21	10	Carbohydrates	1935-1943
30	2	Carver Research Foundation of Tuskegee University	1986
21	12	Cellulose	1936-1950
18	18-19	Chemical Information Requests	1922-1934
23	21	Chemical Reviews	1951
25	10	Chemical Technology	1972
24	5	Chemical Warfare Laboratories	1956
19	4-5	Chemistry and Professional Inquiries	1922-1975
27	8	Chemistry Visiting Committees	1978
23	23	Climax Molybdenum Company	1952
28	8	Colleagues at Iowa State University	1981
22	15	Color Tests for the Organometallic Compounds	1943
29	12	Commission For The Blind	1985
20	13	Comparison of Chemical Reactivity	1933
23	11	Concerning Article "Some Aspects of Chemotherapy"	1948-1951
23	14	Concerning Article "Applications Oo Infra-Red And Ultra-Violet Spectra to Organic Chemistry"	1948-1952
21	16	Concerning Article "Catalytic Hydrogenation and Hydrogenolysis"	1938-1941
23	5	Concerning Article "What the Scientist Expects of the Librarian"	1947
21	3	Concerning Chapters Entitled "Unsaturated and Conjugation"	1934-1942
24	14	Cons Dine New York Academy Symposium	1964

Box	Folder	Title	Dates
21	13	Constitution and Physical Properties of Organic Compounds	1936-1950
23	16	Crane Chemical Abstracts	1949
25	3	Crete Greece Conference	1970
25	16-18	Dedication of Gilman Hall	1974
27	3	Department of The Navy	1976
26	7	Discouraged Research	1975
23	1	Dyes	1945-1952
19	8	Edgewood Arsenal	1928-1938
25	1-2	Elsevier Publishing Company	1969-1974
23	12	Explosives	1948-1951
30	3	Faculty Positions at Other Universities	1986
25	5	Feedback Surveys about the Start of the <i>Journal of Silicon</i>	1970
24	12	Firestone Tire and Rubber Company	1963
24	13	First Organometallic Symposium	1963-1981
17	1	Frederick Stanley Kipping Award In Organosilicon Chemistry-Letters Of Congratulations, Brochures And Kipping Article	1961-1962
21	1	Free Radicals	1934-1941
22	13	Gasoline Research	1942-1951
29	1	Gilman Fellowship Fund	1983
26	2	Gilman Lectures	1974-1977
23	25	Gilman's Retinal Detachment	1953
29	2	Governors Science Medal	1983
18	20	Graduate Students	1922-1942
19	1-3	Graduate Students	1922-1942
28	1	Greetings and Well Wishes to Individuals from Gilman	1979
27	7	Grignard	1977
25	8	Grignard Centennial	1971
27	5	Grignard Washington Meeting	1976
23	13	Heterocyclic Chemistry	1948-1951

Box	Folder	Title	Dates
24	8	Honorary Fellowship With The Chemical Society	1961
27	4	Interdisciplinary Science Reviews	1976
30	4	Iowa State University Faculty	1986
29	10	Iowa State University History Of Chemistry Department	1984
29	3	Iowa's Governor's Office	1983
20	3	Job Offers	1928-1962
25	4	<i>Journal of Fluoride Chemical</i>	1970
24	16	<i>Journal of Inorganic Chemistry</i>	1966-1968
21	17-18	<i>Journal of Organic Chemistry</i>	1938-1951
28	9	<i>Journal of Organometallic Chemistry</i> Dedication Issue	1982
30	8	Letters From Students to Robert Parks Concerning Gilman	1986
29	11	Letters of Congratulations to Individuals from Gilman	1984
24	10-11	Letters of Praise From Students	1962-1978
30	1	Letters of Thanks and Well Wishes from Dr. Gilman	1985
23	15	Lipids	1948-1953
24	1	Los Alamos Scintillator Project	1954-1957
27	9	Medical Problems of Ruth And Henry	1978
28	10	Midland Symposium	1982
21	6	Modern Electronic Concepts of Valence	1935-1942
21	7	Molecular Rearrangements	1935-1942
25	12	Moscow International Organometallic Compounds Conference (2 3x4 Color Photographs, 5 5x7 B&W Photographs and Sketches)	1972
30	5	National Academy of Sciences	1986
25	14	National Encyclopedia of American Biography	1973
22	1	National Defense Research Committee	1940
24	15	National Science Foundation Grants	1964-1976
28	3	Noble Peace Prize Nominations	1980
23	10	Ophthalmologists Regarding Vision Problems	1947-1978
20	11-12	<i>Organic Chemistry an Advanced Treatise</i>	1930-1958

Box	Folder	Title	Dates
25	9	Organic Preparations and Procedures	1971-1973
22	6	Organic Sulfur Compounds	1941
20	8	Organic Symposia	1930-1940
20	1-2	Organic Synthesis	1928-1938
20	4-5	Organic Synthesis Annual Volumes	1929-1932
25	11	Organic Textbook	1972
20	14	Organometallic Compounds	1933-1941
23	18	Oxidation	1949-1952
21	20-21	Park Davis Company	1938-1945
24	18	Pierce Chemical Company	1968-1971
23	24	Porphyrins and Bock-Steel Chlorophyll	1952
20	7	Presentations by Dr. Gilman	1930-1941
15	14-16	Priestly Award-Letters of Congratulations	1976-1977
25	15	Professional Government Lab Work	1973
23	2	Professional Studies	1945-1977
21	15	Professor Grignard's Research	1937
24	3	Publishing	1954-1965
20	9	Publishing Companies	1930-1946
23	6	Reactions of Organic Gases under Pressure	1947-1951
22	3	Reactions of Aliphatic Hydrocarbons	1940-1942
22	11	Redistribution Reaction	1942
21	8	Resonance/Structure of Molecules	1935-1942
29	13	Science Citation Indices	1985
29	9	Smoking	1984
20	6	Standard Oil	1930
23	9	Starch	1947-1953
20	16	Stereochemistry	1933-1943
21	9	Steroids	1935-1942
23	7	Study of Organic Reactive Mechanisms	1947-1952
21	11	Synthetic Polymers	1936-1942
23	8	Trepans	1947-1952

Box	Folder	Title	Dates
26	1	Turnblom, Boettcher and Mislow Manuscript	1974
23	4	United States Studies on Plant Hormones	1946-1956
22	12	World War II Anti-Malarials Government Project	1942-1943

Description of series

Series 4 Publications 1929-1975, undated

extent: 5.04 linear feet

description: This series contains countless publications of Gilman. Many of the writings pertain to his work with organometallic chemistry.

Container list

Box	Folder	Title	Dates
47		Index cards of Gilman's Publications	1929-1975
45	10	Listings of Gilman's Reprints up to 1968	1968
30	10	"(Pentachlorophenyl) tms (trimethylsilyl) silane and 1,4bis [tms(trimethylsilyl)] tetrachlorobenzene"	1967
30	11	"1,2-Additon of Allymagnesium Bromide to N-Diphenylmethyleneaniline and Structurally Related Systems"	1956
30	12	"1-Dimethylaminomethyl-2-Hydroxydibenzofuran"	1948
43	12	1 st Russian Textbook on Organic Chemistry	1972
30	13	"2- Benzofuryllithium and 3-Benzofuryllithium"	1948
30	14	"2- Chloromethyl-Furan from 2-Furancarbinol"	1924
30	15	"2- Idofuran and 2-Furylmagnesium Iodie"	1932
30	16	"2-(p- Hydroxyphenyl)-Quinic Acid"	1948
30	17	"2,3-Benzo-1,1-Diphenyl-Silacyclanes"	1961
30	18	"2,4,5- Triphenyl-3-Furyllithium and 3,4,6 Triphenyl-2-Pyridyllithium"	1946
30	19	"2:3-Benzo1-Silacycloalkenes II Improved Synthesis and Reactions"	1964
30	20	"2-Chloro-5-Methylfuran and 2-Methyl-5-Nitrofuran"	1932

Box	Folder	Title	Dates
30	21	"2-Methyl-3-Furoic Acid"	1931
30	22	"2-Phenyl-2- <i>p</i> - Chlorophenyl-4-Methylmorphine"	1952
30	23	"3,4- Dichloro-2-Thienyl-Lithium Magnesium Bromide and Copper and 3,4, Dichloro -2,5 Dilithiothiophene from 3,4 Dichloro Thiophene"	1976
30	24	"4-Silyterrachbropyridines"	1970
30	25	"5,10-Dihydrosilanthrene Derivatives"	1961
30	26	"5-Bromofurylacetylene"	1931
30	27	"5-Chloro-2-Furfural"	1931
30	28	"6,8 Dichloro 2- (2-Pyridyl)- <i>a</i> - <i>di-n</i> - Butylaminomethyl 4- Quinolinemethanol"	1946
30	29	"8-Amino-6-Quinolyl Methyl Sulfone"	1946
30	30	"A- Silyl-Substituted Ylides Te Traphenylallene Via the Wittig Reaction"	1962
30	31	" <i>a</i> -(2- Diethylamincethylmercaptomethyl)-6-methoxy-2-phenyl-4-quinolinemethanol and a Homolog"	1946
30	32	"Abstracts of Papers 162 nd National Meeting American Chemical Society"	1971
30	33	" <i>a</i> -C3-Dialkylaminopropyl)-2-Phenyl-6- Methoxy-4- Quinolinemethanols"	1946
30	34	"Action of Organomagnesium Halides and the Binary System ($MgI_2 + Mg$) on some Nitrogen Compounds"	1931
30	35	"Action of Some Organometallic Compounds on Thianthrene-5-Oxide"	1956
30	36	"Addition of Organolithium Compounds to the Azomethine Linkage of Gamma Picoline and 6- Methoxyquinolone"	1948
30	37	"Addition of Silyllithium Compounds Containing Methyl and Phenyl Groups to Benzophenone in Tetrahydrofuran"	1957
30	38	"Addition of Silymetallic Compounds to Olefins"	1959
30	39	"Addition of Silymetallic Compounds to the Azo and Azomethine Linkage"	1958
30	40	"Addition of Triphenylsilane Diphenylsilane and Phenylsilane to Benzophenone"	1957
31	1	"Addition of Triphenylsilyllithium to Acridine"	1958

Box	Folder	Title	Dates
31	2	"Addition Reactions of Chalcones III Some Basic Ketosulfides"	1956
31	3	"Advances in Organometallic Chemistry"	1968
31	4	"Alkaline Cleavage of Tetrasubstituted Silanes"	1953
31	5	"Alky-Aryl Lead Compounds Anti Knock Studies"	1928
31	6	"Alkylation and Related Reactions of Dibenzo- <i>p</i> -Dioxin"	1957
31	7	"Alkylation of Carbon-Metallic Compounds with Trialkyl Phosphates"	1960
31	8	"Alkylation of Mercaptans by Means of Sulfonic Esters"	1925
31	9	"Alkylation of Triphenylsilyllithium with Trialkyl Phosphates"	1961
31	10	"Ally Displacement of a Benzyl Group form Di and Tribenzysilane"	1959
31	11	"Allylic Rearrangement of Benzyl-Lithium"	1934
31	12	"Allylic Rearrangements in the Reaction Between Cinnamyl Chloride and Magnesium"	1931
31	13	"Allylic Systems in Furan"	1932
31	14	"Allymagnesium Bromide as a Selective Nucleophile Toward Aza- Aromatic Heterocycles"	1956
31	15	"Alpha-Methyl-Gamm-Tetrahydro-2-Furylpropylmagnesium Bromide"	1930
31	16	"Aluminum Chloride- Catalyzed Intramolecular Cyclization of Some Organosilicon Compounds Studies in the Benzosilacyclanone Series"	1959
31	17	"Analog of Hexaphenylethane III Triphenylmethyltriphenylgermane, Triphenylgermanecarboxyli Acid and Some of its Derivatives"	1953
31	18	"Analog of Hexaphenylethane II Triphenylmethyltriphenylsilane"	1953
31	19	"Analog of Hexaphenylethane V Triphenylsilyltriphenylgermane"	1956
31	20	"Analog of Hexaphenylthane VI Triphenylgermyltriphenyltin"	1956

Box	Folder	Title	Dates
31	21	"Analysis of Organic- Substituted Group IVB Lithium Compounds"	1963
31	22	"Analysis of Organolithium Compounds"	1964
31	23	"Anils as "Open Models" of a Modified Atebrin"	1946
31	24	"Aromatic Properties of Some Aliphatic Compounds Local Anesthetics Derived from Aliphatic Carboxylic Acids"	1928
31	25	"Aromatic Reductive Debromination with a Glycol-alkali Mixture"	1951
31	26	"Arylsulfonylmagnesium Chlorides and Their Reactions with Diethylsulfate"	1928
31	27	"Attempted Correlations of Constitution with Sweet Taste in the Furan Series. The Very High Sweetening Power of 5-Benzyl-2-furfuraldoxime"	1930
31	28	"Azo Dyes Derived from o-Hydroxybenzene Boronic Acid Anhydride"	1956
31	29	"Base- Catalyzed Elimination Reactions of Triphenylsilanecarboxylic Acid and its Derivatives"	1954
31	30	"Behavior of Triphenylsilane, Triphenylgermane and Triphenyltin Hydride in the Presence of Olefins"	1957
31	31	"Benzylation of Dibenzofuran"	1954
31	32	"Benzylolithium from Triphenylbenzyltin and Phenyllithium"	1959
31	33	"Beryllium Dialkyls"	1928
31	34	"Beta- Xenylhydroxylamine and its Rearrangement"	1926
31	35	Bound Collected Papers	1943-1946
32	1	"Branched -Chain Methylated Polysilanes Containing a Silyl-Lithium Group"	1964
32	2	"Branched-Chain Organic Polysilanes Containing the Silicon-Hydrogen Group"	1965
32	3	"Bromination in the Thianthrene System"	1958
32	4	"Bromination of Phenanthridine"	1955
32	5	"Bromination Studies in the 5,10-Dihydrophenazasiline Series"	1961
32	6	"Bromonitro and Related Derivatives of Dibenzo- <i>p</i> -Dioxin"	1957

Box	Folder	Title	Dates
32	7	"Cannizzaro Reaction with Furfural"	1930
32	8	"Carbonation of Lithium Derivatives of Certain Quinolines and Isoquinolines"	1956
32	9	"Carbonation of Some Perhaloarylithium Compounds"	1970
32	10	"Characterization of Dodecaphenylcyclohexasilane"	1965
32	11	"Characterization of Organometallic Compounds"	1969
32	12	"Characterization of Sulfonic Sulfinic Phosphoric and Some Other Acids as Thallous Salts"	1949
32	13	"Characterization of the OMgX Group"	1928
32	14	"Chemistry and Synthetic Applications of the Phenanthridinone System"	1957
32	15	"Chlorination of 4-Dibenzothiophenol"	1951
32	16	"Chlorination of Dibenzofuran and Some of its Derivatives"	1955
32	17	"Chlorination of Organosilicon Compounds"	1962
32	18	"Cleavage of (Perhaloaryl) Dimethylsilanes by Organolithium Compounds"	1971
32	19	"Cleavage of Diphenylsulfone and Diphenyl Sulfide by Triphenylsilyllithium"	1958
32	20	"Cleavage of Heterocycles with Raney Nickel and with Lithium"	1953
32	21	"Cleavage of Hexaphenyldisilane by Phenyl-Lithium"	1960
32	22	"Cleavage of Hexaphenyldisilane by Sodium and Lithium"	1953
32	23	"Cleavage of Phenoxathin -10-Oxide by <i>n</i> -Butyllithium"	1955
32	24	"Cleavage of Silicon -Silicon Bonds by Dilute Acids"	1960
32	25	"Cleavage of Silicon -Silicon Bonds on an Alumina Column"	1963
32	26	"Cleavage of Some Alkyl Aryl Ethers by Triphenylsillithium"	1963
32	27	"Cleavage of Some Bis(Perhaloaryl)Methylsilanes and Tris(Perhaloaryl) Silanes by Organolithium Compounds"	1974
32	28	"Cleavage of Some Ethers by Organolithium Compounds"	1954
32	29	"Cleavage of Some Organosilanes by Hydrogen Chloride"	1949
32	30	"Cleavage of Some Organosilanes"	1950

Box	Folder	Title	Dates
32	31	"Cleavage of Some Organosilicon Compounds by Formic Acid"	1954
32	32	"Cleavage of Symmetrically Substituted Disilanes By Lithium in Tetrahydrofuran"	1957
32	33	"Cleavage of the Silicon-Silicon Bond by Dilute Acids"	1960
32	34	"Cleavage Reactions of Some Hexasubstituted Disiloxanes by Alkali Metals"	1966
32	35	"Cleavage Reactions of Some Organopolysilanes"	1959
32	36	"Cleavage Studies in the Carbazole and Phenothiazine Systems"	1956
32	37	"Cleavage Studies of Disilanes by Silyllithium Compounds"	1959
32	38	"Cleavage Studies of Simple Aromatic Boronic Acids"	1957
32	39	"Cleavage Studies of Some Organogermanium Compounds"	1958
32	40	"Comparison of Phenanthridine with Other Aza-Aromatic Heterocycles"	1956
32	41	"Conjugated Systems in Furan Types"	1932
32	42	"Constitution of Carlina-Oxide"	1933
32	43	"Constitution and Dissociation of the Grignard Reagent"	1929
32	44	"Constitution of Disulfoxides"	1925
32	45	"Constitution of Ortho-Nitrobenzaldehyde and the Interference of Nitro and Nitroso Groups on the Zerewitinoff Method for the Quantitative Estimation of Active Hydrogen"	1927
32	46	"Contrasts Between <i>t</i> -Butyllithium and <i>n</i> -Butyllithium in Some Exchange Reactions"	1973
32	47	"Conversion of Thianthrene 5-Oxide to Dibenzothiophene by <i>n</i> -Butyllithium"	1955
32	48	"Correlation of Some Aromatic Types with Physiological Action Local Anesthetics Containing the Furan Thiophene and Pyrrole Nuclei"	1925
32	49	"Coupling Reactions with Some Organolithium Compounds in Tetrahydrofuran"	1956
32	50	"Cychohexylmagnesium Chloride and Bromide"	1931

Box	Folder	Title	Dates
32	51	"Cyclic Organosilicon Compounds II Reactions Involving Certain Functional and Related Dibenzosilole Compounds"	1958
32	52	"Cyclic Organosilicon I Synthesis of Compounds Containing the Dibenzosilole Nucleus"	1957
32	53	"Decaphenylcyclopentasilane"	1963
32	54	"Decomposition of 5-Halogen-2-Furymethyl Ethers to Benzalcrotonolactones"	1950
32	55	"Delicate Color Test for Michler's Ketone and Less Sensitive Test for Phosgene and Dialkylanilines"	1930
32	56	"Determination of Silanols with the Karl Fisher Reagent"	1951
32	57	"Determination of Silicon in Relativity Nonvolatile Organosilicon Compounds"	1946
32	58	"Di- Alkyl Di-Aryl Lead Compounds Anti Knock Studies"	1929
32	59	"Di- P- Toly-Ketone"	1929
32	60	"Di-Alky Di-Aryl Lead Compounds Anti-Knock Studies"	1928
32	61	"Dibenzofuran I Sulfonation"	1934
32	62	"Dimetalation of Phenoxathin and Phenoxathin-10-Dioxide by Organometallic Compounds"	1956
32	63	"Dimethylfuroic Acids"	1932
32	64	"Diphenysilyl-Lithium a New Type of Organosilyl-Metallic Compound"	1959
32	65	"Direct Nitration of Furfural"	1930
32	66	"Direct Preparation of Aryllithium Compounds from Aryl Fluorides"	1957
32	67	"Direct Preparation of Benzylolithium"	1955
32	68	"Direct Preparation of Silymetallic Compounds"	1958
32	69	"Direct Preparation of Some Dihydro and Other Phenazine Derivatives"	1957
32	70	"Direct Preparations of Benzylolithium and α -Methylbenzylolithium in Tetrahydrofuran"	1961
32	71	"Direct Preparations of Benzylolithium by Cleavage Reactions"	1958

Box	Folder	Title	Dates
32	72	"Direct Synthesis of Optically Active Compounds and an Explanation of the Origin of the First Optically Active Compound"	1929
32	73	"Disproportionation Reaction of Diphenylsilane in the Absence of any Added Catalysis"	1958
32	74	"Distillation of Grignard Reagents"	1930
32	75	"Distillation of Magnesium Dimethyl from Methylmagnesium Chloride"	1929
33	1	"Effect of an Excess of Magnesium on the Volume of Gas Liberated Incidental to the Preparation of Some Alkylmagnesium Halides"	1930
33	2	"Effect of Rapid Addition of Halide on the Yields of some Grignard"	1929
33	3	"Effect of Some Organic Acids and Alkyl Heterocyclic Ethers"	1952
33	4	"Effect of Substituents on the Rate of Hydrolysis of Triarylsilanes in Wet Piperidine"	1951
33	5	"Effects of Activated and Non-activated Magnesium-Cooper Alloy on the Yields of some Organomagnesium Halides"	1931
33	6	"Electronic Interpretation of the Ethylenic Linkage"	1926
33	7	"Ethyl 5- Nitrofurfuralmalonate and Ethyl α -cyano- β -(5-bromofuryl)-acrylate. Some observations on the Stability of Furan Compounds Towards Acids"	1932
33	8	"Ethyl Beta-Triethylsiloxyacrylate and Terra <i>n</i> -Butyllithium"	1947
33	9	"Fluorination of 1,2,3,4- and 1,2,3,5- Tetrahalobenzenes with Potassium Fluoride in Dimethyl Sulfone"	1971
33	10	"Forced Reaction Between Anils and Parathiocresol. The Reducing Action of the Mercapto Grouping"	1930
33	11	"Forced Reaction of Phenyl Isocyanate Phenyl Isothiocyanate and Benzophenone-Anil with Phenylmagnesium"	1929
33	12	"Formation and Some Reactions of Triphenylsilylacetylenes with Organometallic Compounds"	1961
33	13	"Formation of 1,4 Diphenylhexadiene- 1, 5 in the Reaction Between Cinnamyl Chloride and Magnesium"	1932

Box	Folder	Title	Dates
33	14	"Formation of a Complex Mixture of Many RMgX Compounds From the Reaction Between a Simple RX Compound and Magnesium"	1930
33	15	"Formation of Di-para-Tolyl Incidental to the Preparation of Benzylmagnesium Chloride"	1929
33	16	"Formation of Dodecaphenylcyclohexasilane from the Reaction of Dichlorodiphenylsilane with Sodium and with Lithium"	1960
33	17	"Formation of Hexaphenyldigermane and Carbon Monoxide from the Reaction of Triphenylgermylithium With Some Esters"	1955
33	18	"Formation of Silylated Allens from Some Perhalogenated Hydrocarbons"	1969
33	19	"Formation of Some Organometallic Compounds in Phenyl Ether"	1961
33	20	"Formation of Tetraarylsilanes form Reactions of Triarysilymetallic Compounds II Reactions with Triarysilane"	1953
33	21	"Formation of Tetraarylsilanes from Reactions of Triaryl Silymetallic Compounds III Reactions with Triaryl Methanes"	1953
33	22	"Formation of Tetrakis(Trimethylsilyl)allene by an Unusual Reaction from Hexachlorobenzene and Some Derivatives"	1966
33	23	"Furan Grignard Reagents"	1932
33	24	"Further Observation on the Interference of Nitro Groups on Zenewitinoff Methods for Quantitive Estimation of Active Hydrogen"	1930
33	25	"Further Observation on the Qualitive Color Test for Reactive Organometallic Compounds"	1929
33	26	"Further Studies in the Synthesis of Long-Chain Hydroxy Acids"	1961
33	27	"Grignard Reagents Prepared from p- Dibromobenzene"	1929
33	28	"Group IV- B Element Analog of 5,10-Dihydroacridine"	1959
33	29	"Growth of Organometallic Chemistry"	undated
33	30	"Halogen Derivatives of Dibenzo- p- Dioxin"	1956

Box	Folder	Title	Dates
33	31	"Halogen Metal Interconversion and Metalation in the Naphthalene Series"	1950
33	32	"Halogen Metal Interconversions with Halides Containing Functional Groups"	1947
33	33	"Halogen Metal Interconversions with Halogenated Anilines and Anilines"	1949
33	34	"Halogenation of Some 2- and 3-Amino Derivatives of Dibenzothiophene"	1955
33	35	"Handbook of Magnesium-Organic Compounds"	1958
33	36	"Hexakis (Trimethylsilyl) Disilane Highly Branched and Symmetrical Organopolysilane"	1967
33	37	"Hexasubstituted Disilanes from Chlorosilanes and Lithium in Tetrahydrofuran"	1968
33	38	"Highly Branched Chain Methylhalo Polysilanes"	1966
33	39	"Historical Note Beryllium"	1969
33	40	"Hydigenolysis of Some Organopolysilanes"	1967
33	41	"Hydrocarbon Products from the Reactions of Methylithium and Ethylmagnesium Bromide with Heavy Metal Salts"	1954
33	42	"Hydrogen Chloride Cleavage of the C-Si Bond in Some Dibenzothienyl-Silicon Compounds"	1951
33	43	"Hydrohalogenation of Polysilanes"	1965
33	44	"Hydroxy Derivatives of Dibenzofuran Phenoxathin and Thianthrene"	1954
33	45	"Hydroxybenzene Boronic Acids and Anhydrides"	1957
33	46	"Improved Activated Magnesium for the Preparation of Grignard Reagent and a Comparative Study of Various Catalysts"	1928
33	47	"Improved Metalation Procedure of Dibenzofuran"	1956
33	48	"Improved Method for the Preparation of Benzylithium"	1962
33	49	"Improved Procedure for the Dimetalation of Diphenyl Ether"	1961
33	50	"Improved Procedure for the Preparation of Furan from Furoic Acid"	1933

Box	Folder	Title	Dates
33	51	"Improved Procedure for the Preparation of Organolithium Compounds"	1957
33	52	"Improved Procedures for the Preparation of Some Organosilicon Compounds"	1946
33	53	"Improvements in the Methods for the Preparation of Mercury Dialkyls from Organomagnesium Halides"	1929
33	54	"Influences of Acid Chlorides and of Pyrrole on the Color Test for Reactive Organometallic Compounds"	1930
33	55	"Insecticidal Action of Some Furan Compounds"	1933
33	56	"Intramolecular Cleavage Cyclization Reaction of Silicon Containing Organolithium Compounds"	1957
33	57	"Introduction of Furyl-Alkyl Groups by Means of Sulfonic Esters"	1931
33	58	"Isotope Effect in the Hydrolysis of Triphenylsilane"	1956
33	59-60	" <i>Journal of Organometallic Chemistry</i> " special bound issue dedicated to Dr. Gilman	1982
33	61	"L' Action de la Lumière Ultra-Violette sur Bromure D'Iso-Butylmagnésium at le Chloire de Tert-Butylmagnésium"	1929
33	62	"L'action D'une Ébullition Prolongée sur Quelques Halogénures Organomagnésiens"	1929
33	63	"La Preparation Indépendante du Bromure D'Allylmagnesium"	1928
33	64	"La Reaction d'un Mélange de Chlorure de Méthyle et de Bromure de Méthyle avec le Magnesium dans l' Ether"	1928
33	65	"La Reaction des Isonitrites et de L'Acide Cyanhydrique avec le Bromure de Phénylmagnesium"	1927
33	66	"La reaction entre un mélange un D'éthers- sels et le Bromure de Phénylmagnesium"	1929
33	67	"La Structure et la Tautomérie de L' Ortho-nitro-benzaldéhyde. L' Intervention des Groupements Nitrés dans la Méthode de Zéréwitinoff pour le Dosage Quantitif de l'Hydrogène Actif"	1929
33	68	"Lithium" (includes 4 8x10 B&W photographs)	1963
33	69	"Lithium Aluminum Hydride Test for Aromatic Nitro and Nitroso Groups"	1951

Box	Folder	Title	Dates
33	70	"Lithium Cleavage of Triphenyl Derivatives of Some Group Vb Elements in Tetrahydrofuran"	1958
34	1	"Lithium Cleavage of Octaphenylcyclotetrasilane"	1964
34	2	"Lithium Cleavages of Some Heterocycles in Tetrahydrofuran II"	1957
34	3	"Lithium Cleavages of Some Heterocycles in Tetrahydrofuran"	1956
34	4	"Local Anesthetics"	1922
34	5	"Luminescence Resulting from Some Arylmagnesium Halides with Nitro compounds"	1930
34	6	"Magnesium Dialkyls an Historical Note on the First Preparation of an Alkylmagnesium Halide"	1930
34	7	"Magnesium Diethyl and its Reaction with Acetyl Chloride"	1927
34	8	"Magnesium Di- <i>n</i> - butyl"	1932
34	9	"Mass Spectrometry of Cyclopolysilane"	1968
34	10	"Mechanism of Reaction Between Ketenes and the Grignard Reagent"	1920
34	11	"Mechanism of Reaction Between Thionylaniline and Organomagnesium Halides"	1926
34	12	"Mechanism of Reaction of Isocyanates and Isothiocyanates with the Grignard Reagent"	1924
34	13	"Mechanism of Reaction of Phenyl-Sodium and Phenyl-Lithium with Phenyl Isothiocyanate"	1933
34	14	"Mechanism of Reduction of Azobenzene by Organomagnesium Halides"	1925
34	15	"Meta Rearrangements in the Reaction of <i>p</i> -Bromoanisole with Lithium Diethylamide"	1948
34	16	"Metal Organic Compounds"	1957
34	17	"Metalation of 2-Ethoxyquinole"	1951
34	18	"Metalation of Aryl Fluorides in Tetrahydrofuran"	1957
34	19	"Metalation of Phenolic and Phenol Ether Systems"	1958
34	20	"Metalation of Phenoxazine and Some of its Derivatives"	1957

Box	Folder	Title	Dates
34	21	"Metalation of Thianthrene-5 Dioxide by <i>n</i> -Butyllithium and by Phenyllithium and Cleavage of Thianthrene 5,5,10-Trioxide by <i>n</i> -Butyllithium	1957
34	22	"Metalation of Thiophene by <i>n</i> -Butyllithium"	1949
34	23	"Metalation of Triphenylgermane by Grignard"	1961
34	24	"Metalation Reactions by Organolithium Derivatives of Triaryl Group IV-B Elements"	1961
34	25	"Metalation Reactions of Triphenylgermylithium"	1958
34	26	"Metalations by Organolithium Compounds"	1969
34	27	"Metallo-Organic Compounds"	1932
34	28	"Method for the Quantitative Analysis of Tin in Organic Compounds"	1929
34	29	"Method for the Quantitative Analysis of Lead in Organic Compounds"	1928
34	30	"Methods of Preparation of Organometallic Compounds"	1954
34	31	"Methoxy and Hydroxy Styryl Heterocycles"	1956
34	32	"Methylation of Tetrakis(Trichlorosilyl)allene"	1968
34	33	"Miscellany of Quantitative Studies Involving Organomagnesium Halides"	1929
34	34	"Molar Absorptivities of Some Polysilanes"	1966
34	35	"Monthly Letter Report"	1969
34	36	" <i>n</i> - Butyl 4-Dibenzothieryl: a Carbonation by Product from the Metalation of Dibenzothiophene with <i>n</i> -Butyllithium"	1952
34	37	" <i>N</i> - Pentafluorophenyl Substituted Cyclosilazoxanes"	1971
34	38	" <i>N</i> - Pentafluorophenyl Substituted Silanes and a Cyclodigermazane"	1971
34	39	"New Method for the Introduction of an Ethyl Group the Reaction Between Organomagnesium Halides and Diethyl Sulfate"	1922
34	40	"New Synthesis of Organothiosilanes"	1959
34	41	"New Synthesis of Phenazasilane Derivatives"	1958
34	42	"New Types of Synthesis I the Reaction Between Halogen- Alkyl Sulfonates and Organomagnesium Halides"	1923

Box	Folder	Title	Dates
34	43	"Nitration of 1-Hydroxthianthrene and of 1-Hydroxthianthrene 5,10-Tetroxide"	1957
34	44	"Nitration of Some 2-and 3- Amino Derivatives of Dibenzothiophene"	1955
34	45	"Nitrofurfuryl Alcohol"	1931
34	46	"Nouvelles Observations sur l'Alliage Magnesium Cuivre Active Améliore pour la Preparation du Réactif de Grignard"	1928
34	47	"Nouvelles Observations sur une Réaction Colorée Qualitative Pour le Réactif de Grignard"	1927
34	48	"Novel Cyclic Organosilicon Compound"	1960
34	49	"Novel Preparation of Trans-1-Bromoperfluorovinyl Compounds"	1974
34	50	"Novel Reduction of Ketones by Diphenylsilane"	1961
34	51	"N-Pentafluorophenyl Substituted Cyclosilazoxanes"	1971
34	52	"On the Sensitivity of the Luminescence of Some Arylmagnesium Halides"	1930
34	53	"One Step Synthesis of Some Substituted Trisilanes"	1966
34	54	"O-Phenylene Silicon Derivatives Dihydrosilanthrene and Related Compounds"	1960
34	55	"Order of Reactivity of Some Polyhaloaryl Metallic Reagents"	undated
34	56	"Organic and Biological Chemistry"	1955
34	57	"Organic Compounds of Uranium I 1,3-Dicarbonyl Chelates"	1955
34	58	"Organic Compounds of Uranium II Uranium (IV) Amides, Alkoxides and Mercaptides"	1956
34	59	"Organic Compounds of Uranium III Uranium (V) Ethoxide"	1956
34	60	"Organic Compounds of Uranium IV Uranium (V) Alkoxides"	1956
35	1	"Organic Compounds of Uranium V Derivatives of Uranium (V) Alkoxides"	1956
35	2	"Organic Compounds of Uranium VI Uranium VI Alkoxides"	1956

Box	Folder	Title	Dates
35	3	"Organic Compounds of Uranium VII Uranyl Alkoxides and Dithiocarbamates"	1957
35	4	"Organic Iodides Via Organocopper Reagents and Iodine"	1974
35	6	"Organic Reactions "	undated
35	7	"Organic Sensations-Organometallic Compounds"	undated
35	8	"Organic Substituted Cyclosilanes"	1964
35	9	"Organoberyllium Halides"	1927
35	10	"Organocalcium Iodides"	1926
35	11	"Organolead Compounds Containing Alcoholic Hydroxyl Carboxyl and Dialkylamino Groups"	1950
35	12	"Organolead Compounds Containing an Azo Linkage"	1950
35	13	"Organolead Compounds"	1953
35	14	"Organolead Salts"	1953
35	15	"Organolithium Compounds with Hydroxyl Nitrilo and Sulfonamido Groups"	1948
35	16	"Organomagnesium Compounds in Synthetic Chemistry"	1922
35	17	"Organo-Metallic and Organo-Metalloidal High Temperature Lubrications and Related Materials"	1964
35	18	"Organometallic Chemistry in the USSR"	1964
35	19	"Organometallic Chemistry"	1965
35	20	"Organometallic Compounds of Lead, Tin and Germanium"	1950
35	21	"Organometallic Compounds"	1959
35	22	"Organoplatinum Compounds"	1925
35	23	"Organosilanes Containing Aralkyl Groups"	1955
35	24	"Organosilymetallic Compounds: Their Formation and Reactions and Comparison with Related Types"	1959
35	25	"Organotin Compounds Containing an Azo Linkage"	1952
35	26	"Organotin Compounds Containing Water- Solubilizing Groups: Some <i>m</i> - Hydroxyphenyl Derivatives"	1957
35	27	"Organotin Compounds: Cyclopentadienyl and Related Derivatives"	1956
35	28	"Organotin Compounds"	1960

Box	Folder	Title	Dates
35	29	"Orientation in the 10- Thioxanthenone Nucleus"	1959
35	30	"Orientation in the Furan Nucleus 2-Methyl-3-Furoic Acid"	1932
35	31	"Orientation in the Furan Nucleus III 5-Methyl-3-Furoic Acid"	1933
35	32	"Orientation in the Furan Nucleus IV in the Equivalence of the Alpha-positions and of the Beta-Positions in Furan"	1933
35	33	"Orientation in the Furan Nucleus"	1931
35	34	"Orientation in the Furan Series X Anomalous Friedel-Crafts Reactions"	1935
35	35	"Orientation in the Metalation of Amines"	1952
35	36	"Orientation of Arylmagnesium Halides"	1926
36	1	"Oxidation of 10-Acyl-and 10-Alkyl Phenothiazines"	1953
36	2	"Oxidation of Dibenzothiophene and Phenoxathin with Hydrogen Peroxide"	1952
36	3	"Oxidation of Dodecamethylecyclohexasilane"	1972
36	4	"Oxidation of Phenylmagnesium Bromide in the Presence of Tetraethyl Lead"	1930
36	5	"Oxidation of Thianthrene to Thrianthrene 5-Oxide by Diazonium Salts"	1955
36	6	"Oxygen Oxidation of Triphenylsilyllithium"	1959
36	7	"Pentachlorophenyl Derivatives of Silicon and Tin"	1966
36	8	"(Pentafluorophenyl) Magnesium Chloride"	1969
36	9	"Permanence of the Grignard Reagent"	1923
36	10	"Perylene a By Product from Some 1-Naphthyl-Metallic Compounds"	1949
36	11	"Phenazasilane Compounds Derived from Di- <i>p</i> -Tolylamine"	1959
36	12	"Phenyl and <i>p</i> - Trimethylsilylphenyl Compounds of Silicon Germanium and Tin"	1956
36	13	"Phenylmagnesium Fluoride"	1931
36	14	"Physiological Effects of Injections of Various Benzene and Furan Derivatives into the Cockroach"	1932
36	15	"Physiological Properties of Some Furan Derivatives"	1932

Box	Folder	Title	Dates
36	16	"Piperidine-Catalyzed Reaction of Triphenylsilane with Some Hydroxy Compounds"	1954
36	17	"Polyhalo Organometallic and Organometalloidal Compounds XXII the Reaction of Triphenylsilyllithium With Hexafluorobenzene"	1968
36	18	"Polyhaloaryl Compounds Containing Phosphorus"	1970
36	19	"Polyhaloaryl Diketones Via (Polyhaloaryl)-Copper Compounds"	1969
36	20	"Polyhalo-Organetallic and Organometalloidal Compounds XXIII Polyhalodiketones from Polyhaloarylcopper Compounds"	1968
36	21	"Polyhalo-Organometallic and Organometalloidal Compounds IX the Reaction of <i>n</i> -Butyllithium with (Pentafluorophenyl) Trimethylsilane"	1967
36	22	"Polyhalo-Organometallic and Organometalloidal Compounds VII Preparation and Reactions of (Pentachlorophenyl) Diphenylchlorosilane and Bis(Pentachlorophenyl) Phenylchlorosilane"	1967
36	23	"Polyhalo-Organometallic and Organometalloidal Compounds VIII the Preparation of Some Pentafluorophenyl Substituted Organosilicon Compounds"	1967
36	24	"Polyhalo-Organometallic and Organometalloidal Compounds XIII Some Pentahalophenyl-Substituted Polysilanes"	1967
36	25	"Polyhalo-organometallic and Organometalloidal Compounds XIV Some Polychlorophenyl Compounds Containing Silicon and Tin"	1967
36	26	"Polyhalo-Organometallic and Organometalloidal Compounds XIX Some Reactions of Pentachloropyridine with Organometallic Compounds"	1967
36	27	"Polyhalo-organometallic and Organometalloidal Compounds XV Some Reactions of Hexabromobenzene"	1968
36	28	"Polyhalo-Organometallic and Organometalloidal Compounds XVI Some Derivatives of Pentachloropyridine"	1967

Box	Folder	Title	Dates
36	29	"Polyhalo-Organometallic and Organometalloidal Compounds XVII of Tetrakis(trimethylsilyl)allene From Some Aliphatic Polychloro Compounds"	1967
36	30	"Polyhalo-Organometallic and Organometalloidal Compounds"	1968
36	31	"Polyhalo-Organometallic Compounds and Organometalloidal Compounds XVIII Reductive Trimethylsilicon of p-Dibromo-p-Dichloro and p-Bis(trimethylsilyl)Benzenes"	1967
36	32	"Polyhalorganometallic- and-Organometalloidal Compounds XXI (Pentachlorophenyl) and (Pentafluorophenyl)"	1968
36	33	"Polymeric 2-Furfuryl Mercaptan"	1930
36	34	"Polysilanes Containing One or More Si-H Groups"	1961
36	36	"Preferential Cleavage of Radicals in Organobismuth and Organomercury Compounds"	1950
36	37	"Preliminary Formulation of Addition Compounds in Substitution Reactions of Aromatic Types the Bromination of Ethyl-2-Furylacrylate"	1930
36	38	"Preparation and Characterization of Dodecaphenylcyclohexasilane"	1961
36	39	"Preparation and Characterization of Octaphenylcyclotetrasilane"	1960
36	40	"Preparation and Chemical Properties of R ₃ PbNa Compounds"	1953
36	41	"Preparation and Cleavage of Some Hexasubstituted Disiloxanes"	1953
36	42	"Preparation and Cleavage of Some Organosilanes Containing Heterocyclic Groups"	1955
36	43	"Preparation and Cleavage Studies of Some Organosilicon Compounds"	1953
36	44	"Preparation and Properties of Hexaaryldisilanes"	1951
36	45	"Preparation and Reactions of Some 7-Silanorbornadienes I an Approach to Dimethylsilylene"	1963
36	46	"Preparation and Reactions of Some Dimetallic Compounds Derived From Tetrachlorothiophene"	1972

Box	Folder	Title	Dates
36	47	"Preparation and Reactions of Some Unsymmetrical Phenoxasilin Compounds"	1961
36	48	"Preparation and Reactions of Sym-Tetraphenyldisilane"	1960
36	49	"Preparation and Rearrangement of 2-Allyl-1,2,-Dihydroquinoline"	1959
36	50	"Preparation and Some Properties of Triphenylsilyl Isocyanate and Triphenylsilyl Isothiocyanate"	1950
36	51	"Preparation and Some Reactions of Triphenylsilylsodium and Methylidiphenylsilylsodium"	1967
36	52	"Preparation and Stability of Some Organolithium Compounds in Tetrahydrofuran"	1957
36	53	"Preparation and Stability of Some Organotin and Organolead Compounds"	1955
36	54	"Preparation of (2,2Dicarbethoxypropyl)-ethoxydimethylsilane"	1963
36	55	"Preparation of 1,1,3,3-Tetramethyl- 1,3-Disilacyclobutane"	1964
36	56	"Preparation of 1,1-Climehyl-2,5-Diphenyl-1 Silacyclopentadiene"	1964
36	57	"Preparation of 2,2,2,-Trifluoroethanol"	1948
36	58	"Preparation of 5- Bromofurfural and some of its Derivatives"	1930
36	59	"Preparation of a Di-Grignard Reagent from 2,2 - Dibromodibenzyl"	1963
36	60	"Preparation of a Pentasilacyclooctane"	1964
36	61	"Preparation of Alkyl naphthalenes"	1956
36	62	"Preparation of Cyclohexyltriphenyl Silane"	1957
36	63	"Preparation of Diethyl Lead Dichloride and Triethyl Lead Chloride"	1930
36	64	"Preparation of Dimethylphenyl and Methylidiphenyl Silanecarboxylic Acids and Some of their Derivatives"	1960
36	65	"Preparation of Dodecamethylcyclohexasilne"	1963
36	66	"Preparation of Ethyl β - Turylacrylate from Furfural"	1929
36	67	"Preparation of Furfural Diacetate"	1929

Box	Folder	Title	Dates
36	68	"Preparation of Furylacrylic Acid"	1930
36	68	"Preparation of Ketones from Acid Halides and the Grignard Reagent"	1932
36	70	"Preparation of Mercury Dialkyls from Organomagnesium Halides"	1930
36	71	"Preparation of Methylcopper and Some Observations on the Decomposition of Organo Copper Compounds"	1952
36	72	"Preparation of <i>n</i> - butyllithium"	1949
36	73	"Preparation of <i>o</i> -Fluoropheny Lithium"	1955
36	74	"Preparation of Organolead Compounds Containing Water Solubilizing Groups"	1952
36	75	"Preparation of Organomagnesium Halides in the Presence of Magnesium Iodide Studies on the Capture of Fire Radicals"	1931
36	76	"Preparation of Phenylmagnesium Chloride"	1930
37	1	"Preparation of Some 10-Substituted Phenoxazines"	1957
37	2	"Preparation of Some α, ω - Dichloro Perm Ethylated Polysilanes"	1964
37	3	"Preparation of Some Chlorinated Aryl Silanes for the Examination of Their Insecticidal Properties"	1951
37	4	"Preparation of Some Derivatives of Phenoxasilin a Silicon Analog of Xanthene"	1956
37	5	"Preparation of Some Exo-Nitro Derivatives of Substituted 5-Nitrofurans"	1950
37	6	"Preparation of Some <i>N</i> - Substituted Phenothiazines in Tetrahydrofuran"	1958
37	7	"Preparation of Some Perfumes and Flavoring Extract From Furfural and its Derivatives Esters of β - Furylacrylic Acid"	1929
37	8	"Preparation of Some Substituted 1-Dibenzofuranpropionic and-Butyric Acids"	1953
37	9	"Preparation of Some Trialkyltin-Lithium Compounds"	1952
37	10	"Preparation of Some Triarylamino silanes"	1950
37	11	"Preparation of β - Naphthoic Acid From β Naphthylmagnesium Bromide"	1929

Box	Folder	Title	Dates
37	12	"Preparation of Tetrakis(dimethylphenylsilyl)silane"	1966
37	13	"Preparation of Tetraphenyl Lead"	1927
37	14	"Preparation of Trichloro-2-Thienyllithium and its Application in Synthesis of Substituted Organosilanes"	1971
37	15	"Preparation of Triphenyl Lead Chloride and Diphenyl Lead Dichloride"	1929
37	16	"Preparation of Triphenylmethylmagnesium Chloride"	1929
37	17	"Preparation of Triphenyltin-Lithium and Some of its Reactions"	1952
37	18	"Preparation of ω -Bis(Dimethylhydrosilyl)Perfluorohexanes"	1972
37	19	"Preparations of Hydrocarbons by the Reaction Between Alky Sulfonates and Organomagnesium Halides"	1925
37	20	"Preparations of Ketones by the Carbonation of Organolithium Compounds"	1933
37	21	"Preparations of Some Reactive 1,6,Disubstituted Perfluorohexanes"	1975
37	22	"Problems and Prospects of the Research Library Needs and Possibilities"	1955
37	23	"Products of the Cleavage of Triarylbi-smuth Derivatives by -SH-Containing Compounds"	1951
37	24	"Pronounced Temperature Effect on the Reaction of 1,3,5-Trifluorobenzene with t-Butyllithium"	1974
37	25	"Purported Addition of Benzylmagnesium Chloride to the Ethylenic Linkage in Citronellal"	1931
37	26	"Pyridyllithium Compounds"	1951
37	27	"Pyrrol Derivatives of Pyridine Quinoline and Acridine"	1946
37	28	"Qualitative Color Test for the Grignard Reagent"	1925
37	29	"Qualitative Test for Mono-, Di-, and Tri-Substituted Silanes"	1958
37	30	"Qualitative Test for Silicon in Organosilicon Compounds and for Germanium in Organogermanium Compounds"	1953
37	31	"Quantitative Estimation of Organosilylmetallic Compounds"	1960

Box	Folder	Title	Dates
37	32	"Quantitative Study of the Reaction Between Disubstituted Acetylenic Hydrocarbons and Grignard Reagent"	1925
37	33	"Quantitive Estimation of the Grignard Reagent"	1926
37	34	"Reaction Between 1,1-Diphenylethylene and a Mixture of Magnesium and Magnesium Iodide"	1930
37	35	"Reaction Between Aromatic Nitro Compounds and Organomagnesium halides"	1929
37	36	"Reaction Between Aryl Sulfonates and Organomagnesium halides"	1925
37	37	"Reaction Between Benzhydrylmagnesium Chloride and Dimethyl Sulfate"	1926
37	38	"Reaction Between Carboxylic Acid Halides and Organomagnesium Halides"	1929
37	39	"Reaction Between Cinnamyl Chloride Magnesium and Carbon Dioxide"	1927
37	40	"Reaction Between Citronellal and some Organomagnesium Halides"	1930
37	41	"Reaction Between Magnesium Diphenyl and Bromine an Historical Note on the First Preparation of Phenylmagnesium Bromide"	1930
37	42	"Reaction Between Nitrosobenzene and Phenylmagnesium Bromide"	1927
37	43	"Reaction Between Organomagnesium Halides and Alky Sulfonates"	1928
37	44	"Reaction Between Organomagnesium Halides and Cupric Chloride"	1925
37	45	"Reaction Between Organomagnesium Halides and Some Salts"	1929
37	46	"Reaction Between Organomagnesium Halides and the Aryl Esters of Boric Carbonic Silicic and Phosphoric Acids"	1928
37	47	"Reaction Between Organomagnesium Halides and the Esters of Some Acids"	1926
37	48	"Reaction Between Phenylmagnesium Bromide and Some Alky Esters of Acids of Fifth Group Elements"	1930

Box	Folder	Title	Dates
37	49	"Reaction Between Phenylmagnesium Bromide and some Amides of Sulfonic, Sulfinic and Sulfenic Acids"	1929
37	50	"Reaction Between Sulfochlorides and Organomagnesium Halides"	1930
37	51	"Reaction Between the Ethylenic Linkage and Organomagnesium Halides"	1928
37	52	"Reaction Between Triethylsilane and Methyllithium"	1946
37	53	"Reaction of (Triphenylsilyl) Lithium with Some Di-and Trihalobenzenes"	1970
41	43	"Reaction of 1,3-Dichlorohexafluoropropane with Alkylithium Reagents"	1974
37	54	"Reactions of Aryllithium Compounds with 6-Arylphenanthridines"	undated
37	55	"Reaction of Aryllithium Compounds with 2-Arylquinolines"	1947
37	56	"Reaction of Aryllithium Compounds with Lead Dichloride Triphenyllead Lithium"	1952
37	57	"Reactions of Benzophene Beta- Naphthil with Phenylmagnesium Bromide and with Phenyllithium"	1948
37	58	"Reaction of Dibenzothiophene-5-Oxide with Bromine"	1951
37	59	"Reaction of Dibenzothiophene-5-Oxide with <i>n</i> -Butyllithium"	1952
37	60	"Reaction of Dichlorodiphenylsilane with Magnesium"	1965
37	61	"Reaction of Dichlorodiphenylsilane with Sodium"	1960
37	62	"Reaction of Diphenyldichlorosilane with Lithium"	1964
37	63	"Reaction of Hexafluorobenzene with Some Organometallic Reagents"	1974
37	64	"Reaction of <i>n</i> -Butyllithium with Dibenzothiophene-5-Dioxide and with Diphenylsulfone"	1952
37	65	"Reaction of <i>n</i> -Butyllithium with Some Organosilicon Compounds"	1950
37	66	"Reaction of Octaphenylcyclotetrasilane with Inorganic Halides"	1960
37	67	"Reaction of Octaphenylcyclotetrasilane with Mercuric Acetate"	1963

Box	Folder	Title	Dates
37	68	"Reaction of Pentachloropyridine with Some Organolithium Compounds"	1971
37	69	"Reaction of Phenyl-and- <i>p</i> -Tollythium with 1-Arylisoquinlines"	1956
37	70	"Reaction of Some <i>a ω</i> -Dibromoperfluoroalkanes with Lithium and Magnesium"	1969
37	71	"Reaction of Some Aryllithium Compounds with Epichlorohydrin"	1952
37	72	"Reaction of Some Gem- Dihalides with 1,4, Dilithiooctaphenyltetrasilane and 1,5 Dilithiodecaphenylpentasilane"	1974
37	73	"Reaction of Some Perhaloarenes with Metals and Metal Halides"	1969
37	74	"Reaction of Some Perhalosilanes with Benzaldehyde"	1970
37	75	"Reaction of Some Silicon Hydrides with Sulfur Containing Heterocycles and Related Compounds"	1958
37	76	"Reaction of Some Tetrasubstituted Silanes with <i>n</i> -Butyllithium"	1951
37	77	"Reaction of Tetrachlorothiophene with Some Organolithium Compounds"	1970
37	78	"Reaction of Trichloro-2- Thienyllithium with Hexafluorobenzene; 1,2,3,5-Tetrakis (9Trichloro-2-Thienyl)Difluorobenzene"	1973
37	79	"Reaction of Trimethyl Phosphate with Magnesium"	1967
37	80	"Reaction of Triphenylsillithium with Some Symmetrical Acetals"	1965
38	1	"Reaction of Triphenylsilyllithium with Anthracene"	1961
38	2	"Reaction of Triphenylsilyllithium with Haloforms and Methylene Halides"	1960
38	3	"Reaction of Triphenylsilyllithium with Halogenated Heterocycles"	1960
38	4	"Reaction of Triphenylsilyllithium with I Bromopropene and I (Triphenylsilyl) Propyne"	1963
38	5	"Reaction of Triphenyltin Hydride with Methylithium"	1953
38	6	"Reaction of Triphenyltin -Lithium with Organic Halides"	1952

Box	Folder	Title	Dates
38	7	"Reaction of Triphenyltin-Lithium with Some Esters"	1957
38	8	"Reaction of Trityl Methyl Ether with Phenyllithium and with <i>n</i> - Butyllithium"	1952
38	9	"Reactions and Structure of Decaphenylcyclopentasilane"	1964
38	10	"Reactions of (Polyhaloaryl) Copper Compounds with Aryl, Arkyl and Allyl Halides"	1970
38	11	"Reactions of 2,3,4-Trichlorothiophene with Magnesium"	1975
38	12	"Reactions of Azobenzene-Dilithium Adduct with Some Substituted Chloro Compounds of Silicon Germanium Tin and Lead"	1965
38	13	"Reactions of Azobenzene and Stilbene-Dilithium Adducts with Some Chlorosilances"	1958
38	14	"Reactions of Bis(Pentafluorophenyl) Methylsilane with Organolithium and Grignard Reagents"	1974
38	15	"Reactions of Lithium with Some Aromatic Hydrocarbons in Tetrahydrofuran"	1957
38	16	"Reactions of Metallic Thallium and Metallic Lead with Organic Halides"	1950
38	17	"Reactions of Monohaloörganosilance and Magnesium in Tetrahydrofuran"	1960
38	18	"Reactions of Octaphenylcyclotetrasilane with Some Inorganic Halides"	1960
38	19	"Reactions of Organometallic Compounds with Benzothiazoles"	1949
38	20	"Reactions of Phenyl-Substituted Methanes and Ethanes with Lithium on <i>n</i> -Butyllithium"	1963
38	21	"Reactions of Polychlorobenzenes with Organolithium Reagents Polychloroaromatic Organosilicon Compounds"	1971
38	22	"Reactions of Sily-and-Germyllithium Compounds with Azoxybenzene"	1960
38	23	"Reactions of Silyllithium Compounds with Derivatives of Carboxylic Acids I Triphenylsilyllithium and Acetyl Chloride"	1958
38	24	"Reactions of Silyllithium Compounds with Derivatives of Carboxylic Acids II"	1958

Box	Folder	Title	Dates
38	25	"Reactions of Some (Polyhaloaryl) Copper Compounds with Acid Chlorides and Chlorosilanes"	1969
38	26	"Reactions of Some Amines with Heterocyclic Ethers"	1952
38	27	"Reactions of Some Grignard Reagents with 2,6-Dichloropyridine"	1969
38	28	"Reactions of Some Metallic halides and of Some Organomercury Compounds with Triphenylsilyllithium"	1959
38	29	"Reactions of Some Organometallic Compounds with 2-Substituted Quinolines"	1951
38	30	"Reactions of Thiols with Some Alkyl and Aryl Heterocyclic Ethers"	1949
38	31	"Reactions of Trimethyl-(<i>p</i> -Bromophenyl)-Silane with Lithium Dimethylamide"	1953
38	32	"Reactions of Triphenylgermane with some Organometallic Compounds A New Method for Preparation of Triphenylgermyllithium"	1956
38	33	"Reactions of Triphenylgermyllithium Triphenylgermylpotassium and Triphenylgermane with Some Olefins"	1957
38	34	"Reactions of Triphenylgermyllithium with Formaldehyde and with Benzophenone"	1955
38	35	"Reactions of Triphenylsilyl-Lithium with Haloforms and Methylene Halides"	1960
38	36	"Reactions of Triphenylsilyl-Lithium with <i>p</i> -Toluenesulfonates"	1964
38	37	"Reactions of Triphenylsilyllithium with Polyhalomethanes"	1963
38	38	"Reactions of Triphenylsilyllithium with Some Dichloropropenes"	1964
38	39	"Reactions of Triphenylsilyllithium with Some Halides and Related Compounds of Group V Elements"	1959
38	40	"Reactions of Triphenylsilyllithium with Stilbene"	1955
38	41	"Reactions of Triphenylsilyllithium with Trialkyl Phosphates"	1960
38	42	"Reactions of Two Homocyclic Organosilicon Compounds with Organometallic and Organosilylmetallic Reagents"	1960

Box	Folder	Title	Dates
38	43	"Reactivity of the Heterocyclic Nuclear Halogen in the Friedel-Crafts Reaction: the Preparation of Some Dihydroxyphenylquinoline and Benzothiazole Derivatives"	1951
38	44	"Rearrangement Amination of o-Chloro-and o-Bromophenyl Methyl Sulfides and o-Bromophenyl Methyl Sulfone in Liquid Ammonia"	1952
38	45	"Rearrangement in the Condensation of o-Bromodimethylaniline with Lithium Diethylamide"	1946
38	46	"Rearrangements in Amination by Alkali Amides in Liquid Ammonia and by Lithium Dialkylamides in Ether"	1951
38	47	"Rearrangement with 4-Iododibenzothiophene in Amination by Sodamide"	1945
38	48	"Reduced Reactivity Associated with a Triphenyltin Linkage"	1952
38	49	"Reduction of Benzophenone to Benzopinacol by Means of Magnesium Amalgam and Some Observations Concerning Magnesium Chloride"	1930
38	50	"Reduction of Hydofuramide to Tri-a-Furfurylamine"	1931
38	51	"Reduction of Ketones by Diphenylsilane"	1959
38	52	"Reduction of Some Conjugated Azomethine Systems by Arylthiols"	1954
38	53	"Reductive Halogen of Thioxanthene 5-Oxide"	1960
38	54	"Reductive Trimethylsilylation of Para-Dihalobenzenes"	1967
38	55	"Reductive Triphenylsilylation of <i>N,N</i> -Disubstituted Amides"	1960
38	56	"Relationships Between Analogous Organic Compounds of Silicon and Carbon"	1953
38	57	"Relative Aromaticities IV Furyl-Alkali Compounds"	1935
38	58	"Relative Reactions of Some Organometallic Compounds"	1937
38	59	"Relative Reactivities of Some Functional Groups with Triphenylsillithium"	1962
38	60	"Relative Reactivities of Normal Butyl Bromide and Bromobenzene Toward Magnesium in Ether"	1928
38	61	"Relative Reactivities of Organic Group IVB Lithium Compounds"	1965

Box	Folder	Title	Dates
38	62	"Relative Reactivities of Organolithium and Organomagnesium Compounds"	1933
38	63	"Relative Reactivities of Triphenylsillithium and Organometallic Compounds in Coupling with Halosilanes"	1962
38	64	"Replacement of Sulfur in Some Heterocycles by the Diphenylsilylene Group"	1957
38	65	"Scission of the Silicon-Silicon Bond in Halogenated Polysilanes by Organometallic Reagents"	1959
38	66	"Selective Reactions of the Silicon- Hydrogen Group with Grignard Reagents the Preparation of Some Unsymmetrical Silane Derivatives"	1959
38	67	"Silacyclopentadiene Chemistry I 1,1-Dimethyl-2,5-Diphenyl-1-Silacyclopentadiene"	1966
38	68	"Silicon Analog of 9,9-Diphenylfluorene"	1955
38	69	"Silicon Containing Azo Dyes II"	1953
38	70	"Silicon Containing Azo Dyes Part III : Dyeing Properties, Absorption, Spectra and pH Range"	1952
38	71	"Silicon Containing Azo Dyes Part IV: Dyeing and Light Fastness"	1953
38	72	"Silicon Containing Azo Dyes"	1950
38	73	"Siloxanes and Silanols Derived from Perphenylated Polysilanes"	1961
38	74	"Silyamines: Reaction of Silyllithium Compounds with Aliphatic Amines"	1959
38	75	"Silylations of Some Polyhalogenated Compounds"	1969
39	1	"Small -Ring Organosilicon Compound III 1,1,2-Triphenyl-1-Silacyclobut-2-ene and 1,1,2-Triphenyl-1-silacyclopent-2-ene"	1964
39	2	"Small -Ring Organosilicon Compounds I Comparison of the Reactives of 1,1,2-Triphenyl-1-Silacyclobutane and 1,1,2- Triphenyl-1Silacyclopentane"	1963
39	3	"Small-Ring Organosilicon Compounds II 2:3-Benzo 1,1-Diphenyl-1-Silacyclobut-2-ene"	1964
39	43	"Some 1- Substituted Dibenzothiophene Derivatives"	1954
39	5	"Some 1,2-, 2,3-and 3,4-Disubstitued Dibenzofurans"	1954

Box	Folder	Title	Dates
39	6	"Some 10-Substituted Phenothiazines"	1952
39	7	"Some 1-Naphthylsilicon Compounds"	1951
39	8	"Some- 2-Substituted-4-Methylmorpholines"	1951
39	9	"Some 2,5,8, -Trimethyl-5,10-Dihydrophenazasiline"	1962
39	10	"Some 2-Biphenyl Substituted Organosilicon Compounds"	1955
39	11	"Some 2-Pyridylmetallic Compounds"	1951
39	12	"Some 6-Quinolyl Sulfides and Sulfones"	1949
39	13	"Some 7-Chloroquinolines Patterned as "Open Models"	1947
39	14	"Some Addition Reactions of Chalcones II the Preparation of Some <i>r</i> -Ketoselenides"	1951
39	15	"Some Addition Reactions of Chalcones the Preparation of Some <i>r</i> -Ketosulfones"	1950
39	16	"Some Alkyl and Heterocyclic Sulfides and Sulfones"	1952
39	17	"Some Aminodibenzofurans and Derivatives"	1956
39	18	"Some Aminodibenzothiophenes"	1949
39	19	"Some Anil Additions Involving Organosilicon Compounds"	1949
39	20	"Some Aromatic and Heterocyclic Derivatives of Carbazole"	1957
39	21	"Some Aromatic and Heterocyclic Dialkylarsines"	1954
39	22	"Some Aryltin-lithium Complexes"	1953
39	23	"Some Aspects of Interdisciplinary Research"	1977
39	24	"Some Azo Derivatives of 9-Ethylcarbazole"	1956
39	25	"Some Basically Substituted Diaryl Sulfides and Sulfones"	1947
39	26	"Some Basically Substituted Quinoxalines"	1948
39	27	"Some Biological Applications Organometallic Compounds"	1941
39	28	"Some Brominated Dibenzothiophene Derivatives"	1953
39	29	"Some Bromine -Containing and Sulfur-containing Aromatic Boronic Acids"	1957
39	30	"Some Competitive Reactions Involving Polyhabaryl Metallic Reagents"	1970

Box	Folder	Title	Dates
39	31	"Some Competitive Reactions of a Polyhalo-organometallic Compounds with Benzophenone and Chlorotrimethylsilane	1968
39	32	"Some Compounds Containing the Trifluoromethyl Group"	1946
39	33	"Some Compounds in the Tri- <i>n</i> -Hexylgermane Series"	1957
39	34	"Some Correlation of Constitution with Sweet Taste in the Furan Series"	1932
39	35	"Some Cyclic Organopolysilanes"	1963
39	36	"Some Derivates of Biphenyl as Liquid Scintillator Solutes"	1957
39	37	"Some Derivatives of 10-Alkylphenthiazines"	1954
39	38	"Some Derivatives of AZA Aromatic Heterocycles as Liquid Scintillator Solutes"	1957
39	39	"Some Derivatives of Dibenzothiophene"	1954
39	40	"Some Derivatives of <i>p</i> -Terphenyl"	1956
39	41	"Some Derivatives of Tribenzysilane"	1960
39	42	"Some Dialkylaminoalkylamino Derivatives of Dibenzothiophene"	1946
39	43	"Some Dialkylaminoalkylmercaptoquinolines"	1949
39	44	"Some Dichloro Compounds Derived From Octaphenylcyclotetrasilane and Decaphenylcyclopentasilane"	1966
39	45	"Some Diels-Alder Adducts of 1,1,2,3,4,5-Hexaphenyl-1-Silacyclopentadiene"	1964
39	46	"Some Effects of the Isopropyl Groups in Organosilicon Compounds"	1949
39	47	"Some Factors Influencing the Yields of Tertiary Butylmagnesium Chloride and Tertiary Amylmagnesium Chloride and Preparation of Acids Obtained From Them and Carbon Dioxide"	1928
39	48	"Some General Observations Related to Organometallic Chemistry in the USSR"	1964
39	49	"Some Heterocyclic Acetic Acids in Plant Hormones Tests"	1946

Box	Folder	Title	Dates
39	50	"Some Improved Preparations of Silymetallic Compounds"	1966
39	51	"Some Incidental Factors Affecting the Starting of Grignard Reagents"	1929
39	52	"Some Isomeric (Methoxy)-(2,5-Dimethyl-Pyrryl-I)-Quinolines"	1946
39	53	"Some Long- Chained Organosilicon Compounds"	1954
39	54	"Some <i>m</i> -Biphenyl Substituted Silicon Compounds"	1956
39	55	"Some Mechanisms for the Formation of Organomagnesium and Other Organometallic Compounds"	1931
39	56	"Some Metalation Reactions in Tetrahydrofuran"	1958
39	57	"Some Methyl Derivatives of <i>p</i> -Quaterphenyl"	1956
39	58	"Some Methylquinolines Patterned as Open Models of Atebrin"	1946
39	59	"Some Monomeric Organosilicon Compounds of High Thermal Stability"	1956
39	60	"Some <i>N</i> -Arylated Hetercycles as Liquid Scintillator Solutes"	1957
40	1	"Some New <i>N</i> -Substituted Phenothiazine Derivatives and Their 5-Oxides and 5,5,-Dioxicles"	1958
40	2	"Some New Pentavalent Salts of Triarylbismuth Compounds"	1951
40	3	"Some Nitro and Aminodibenzofurans"	1953
40	4	"Some Organic Salts of Triethyl Lead Hydroxide"	1930
40	5	"Some Organolithium Compounds Containing Silicon"	1961
40	6	"Some Organolithium compounds of Quinoline and 2-Phenylquinline"	1958
40	7	"Some Organosilicon Compounds Containing Long-Chained <i>n</i> -Alky Groups"	1958
40	8	"Some Organosilicon Compounds Containing the <i>p</i> -Dimethylaminophenyl Group"	1951
40	9	"Some Organosilicon Compounds Derived from Aryl Ethers"	1956

Box	Folder	Title	Dates
40	10	"Some Organosilicon Compounds Derived from Phenyl Ether"	1958
40	11	"Some Oxygen Containing Heterocycles as Liquid Scintillator Solutes"	1958
40	12	"Some Perfluoroalkyl Grignard Reagents and Their Derivatives"	1973
40	13	"Some Personal Notes on More than One Half Century of Organometallic Chemistry"	1968
40	14	"Some Polyaryl Derivatives of Metals and Metalloids as Liquid Scintillator Solutes"	1957
40	15	"Some Quantitative Studies with Beryllium Dimethyl"	1929
40	16	"Some Quinolines Patterned as "Open Models" of a Modified Atebrin"	1946
40	17	"Some Reactions of <i>o</i> -Halobromobenzenes <i>n</i> -Butyllithium"	1955
40	18	"Some Reactions of <i>o</i> -Halophenyllithium Compounds"	1956
40	19	"Some Reactions of Pentaphenylchlorodisilane"	1952
40	20	"Some Reactions of Picollythium"	1950
40	21	"Some Reactions of RX Compounds with Triphenylsilyllithium in Tetrahydrofuran"	1958
40	22	"Some Reactions of Silyllithium Compounds with Epoxides"	1958
40	23	"Some Reactions of Silyllithium Compounds with Ethers"	1958
40	24	"Some Reactions of Substituted Mercaptans Magnesium Halides"	1925
40	25	"Some Reactions of Triphenylsilane and Triphenyltin Hydride"	1949
40	26	"Some Reactions of Triphenyltinlithium and Triphenylleadlithium"	1962
40	27	"Some Rearrangement Reactions of Alphanaphthylmethylmagnesium Chloride"	1929
40	28	"Some Recent and Current Studies on Organolithium Compounds and Pseudo Organolithium Compounds"	1963
40	29	"Some Relationships Between Organosilicon Compounds and Analogous Carbon Compounds"	1952

Box	Folder	Title	Dates
40	30	"Some Selective Reactions of the Silicon Hydrogen Group with Organometallic Compounds"	1957
40	31	"Some Side Reactions in the Preparation of Alkylmagnesium Halides"	1928
40	32	"Some Studies on the Preparation of Arylboronic Acids"	1958
40	33	"Some Substituted 2-Arylquinolines"	1950
40	34	"Some Substituted α - (Aryloxy)-isobutyric Acids and Amides"	1955
40	35	"Some Substituted Beta-Hydroethyl Sulfides"	1949
40	36	"Some Substituted Isoquinolines"	1946
40	37	"Some Substituted Naphthylsilanes"	1950
40	38	"Some Symmetrical Tetraalkyl- and Tetraaryl- Germanes"	1956
40	39	"Some Tetraarylsilanes Containing Functional Groups"	1955
40	40	"Some Tetraorganosilanes"	1954
40	41	"Some Tetrasubstituted Naphthyl-and-Tolylsilanes"	1955
40	42	"Some Tetrasubstituted Silanes Prepared by Free Radical Addition to Alkenes"	1956
40	43	"Some-2- Substituted-4-Methylmorpholines"	1951
40	44	"Specific Heat of Furan and Ethyl Ether Vapors"	1933
40	45	"Stabilities and Some Reactions of Benzylolithium and α -Methylbenzylolithium"	1961
40	46	"Stabilities of Some <i>n</i> -alkyllithium Compounds in Mixed Solvent Systems"	1965
40	47	"Stability of an Ether Solution Methylmagnesium Iodide"	1957
40	48	"Stabilizing Effect of Nuclear Nitro Groups I Furan Types 5- Nitro -2-Furfuryl Chloride and 5- Nitro- 2- Furfuryl Methyl Ether"	1932
40	49	"Stereoisomeric Tetra- <i>o</i> -Tolylsilanes"	1955
40	50	"Steric Hindrance in Highly Substituted Organosilicon Compounds Amine Esther and Sulfide Derivatives in the Tri- <i>o</i> -Tolylsilyl Series"	1950

Box	Folder	Title	Dates
40	51	"Steric Hindrance in Highly Substituted Organosilicon Compounds III the Preparation and Properties of Some Triarylsilyl Ethers"	1953
40	52	"Steric Hindrance in Highly-Substituted Organosilicon Compounds I the Reaction of Aryllithium Compounds with Some Chlorosilanes Ethoxysilanes"	1950
40	53	"Structures and Reactions of Organic Ate-Complexes"	1965
40	54	"Studies Concerning the Direct Preparation of Organoberyllium Halides"	1923
40	55	"Studies Concerning Water-Soluble Organotin Compounds"	1950
40	56	"Studies in the Benzosilacycloalkene Series III Reactions of C O-Chlorophenyl)alkyl Derivatives with Magnesium and Lithium"	1964
40	57	"Studies in the Preparation of Anti-malarials from Pyridine"	1953
40	58	"Studies in the Synthesis of Long-Chained Hydroxy Acids"	1958
40	59	"Studies in the Thianthrene System: Bromination and Reductive Bromination"	1955
40	60	"Studies in the 10-Ethylphenothiazine System: Reductive Halogenation and N-Ethylation"	1955
40	61	"Studies on Cyclic Polysilicon Chemistry"	1962
40	62	"Studies on the Mechanism of Reduction of Azobenzene by Organomagnesium Halides"	1925
40	63	"Study of Organosilicon Free Radicals"	1957
40	64	"Study of the Effect of Some Solvents on the Yields of Grignard Reagents"	1927
40	65	"Study of the Forced Reaction Between Some Hydrocarbons and a Mixture of Magnesium and Magnesium Halide"	1930
40	66	"Study of the Forced Reaction Between Some Hydrocarbons and Organomagnesium Halides"	1929
40	67	"Study of the Optimal Conditions for the Preparation of Tertiary Butylmagnesium Chloride"	1928

Box	Folder	Title	Dates
40	68	"Study of the Optimum Condition for the Preparation of Ethylmagnesium Iodide"	1923
40	69	"Study of the Optimum Condition for the Preparation of Normal Valeric Acid from Butylmagnesium Bromide and Carbon Dioxide"	1924
40	70	"Study of the Possible Interchange of Radicals on Heating a Mixture of a R'X and a RMgX Compound"	1929
40	71	"Study of the Reaction Between Phenylmagnesium Bromide and Carbon Dioxide at Elevated Temperatures"	1930
40	72	"Substituted Quinoly Dodecyl Sulfides"	1949
40	73	"Sulfur Analog of the Plasmochin Type 8-(<i>r</i> -Diethylaminopropylamino)-6-quinolyl Methyl Sulfide"	1946
40	74	"Super- Aromatic Properties of Furan I the Scission of Furyl-Phenyl-Lead Compounds by Hydrogen Chloride"	1932
40	75	"Super- Aromatic Properties of Furan III Nitration"	1935
40	76	"Syntheses and Some Reactions of α -Silycarbinols"	1958
40	77	"Synthesis and Reactions of Perfluoro- <i>n</i> -Octylmagnesium Bromide"	1974
40	78	"Synthesis of (Arylthioalkyl) and (Arylsulfonylalkyl)-Silanes"	1953
40	79	"Synthesis of 2:3-Benzo 1 Silacycloalkenes I"	1964
40	80	"Synthesis of a Nonasilane"	1963
41	1	"Synthesis of N- Methyl-3-isopropyl-4-Dimethylaminophenyl Carbonate and Some Related Derivatives"	1953
41	2	"Synthesis of Perfluoroaliphatic Grignard Reagents"	1973
41	3	"Synthesis of Some 5,10- Dihydrophenazasiline Derivatives"	1960
41	4	"Synthesis of Some Derivatives of Phenothiasilin a Silicon Analog of Thioxanthene"	1956
41	5	"Synthesis of Some Dibenzothiophene Derivatives"	1956
41	6	"Synthesis of Some Organosilicon Particularly Those Containing Halophenyl Groups"	1961
41	7	"Synthesis of Some Pentasilyl-Substituted Cyclohexenes"	1966

Box	Folder	Title	Dates
41	8	"Synthesis of Some Perfluoro-Organometallic Types [R _f -M]"	1975
41	9	"Synthesis of Some Substituted 2-Thiouracils"	1948
41	10	"Synthesis of Substituted Furans"	1948
41	11	"Tetra-2-Naphthylsilane"	1950
41	12	"Tetrakis(trimethylsilyl)allene from Some Pentafluorobenzene and Tetrafluorobenzene Derivatives"	1967
41	13	"Tetrakis(trimethylsilyl)silane"	1964
41	14	"Tetrakis(triphenylstannyl)- Stannane"	1964
41	15	"Tetrakis(Triphenylstannyl)tin ¹ "	1966
41	16	"Tetra-p-Tolyethylene"	1929
41	17	"Tetra-Substituted Aryl Silanes"	1953
41	18	"Tetrasubstituted Higher Aliphatic and Phenyl Silanes"	1957
41	19	"Thallos Salts as Derivatives of Sulfonic Acids"	1952
41	20	"Thermal Decomposition of Some Perfluoroalkyl Grignard Reagents"	1975
41	21	"Thermal Stability of Triphenylsilane Di and Tri(aryl)silanes Dibenzylmethane and Tribenzylmethane"	1958
41	22	"Traps for Carrying Out Reactions in an Inert Atmosphere"	1929
41	23	"Trichloro-2-Thienyl Copper and Some Derivatives"	1971
41	24	"Trichloro-2-Thienylmagnesium Halide"	1970
41	25	"Trimethylhassium"	1946
41	26	"Triphenyl- α -Methoxymethylphenyltin"	1950
41	27	"Triphenylsillithium as a Selective Nucleophile Towards Pyridine"	1958
41	28	"Tris(pentachlorophenyl)fluorosilane and Bis(Pentachlorophenyl)-Dichlorosilane"	1966
41	29	"Über Sterische Hinderung und die Grignard- Reaktion Weitere Untersuchungen über die Farbenreaktion Metallorganischer Verbindungen"	1929
41	30	"Ultraviolet Absorption Spectra of Some Organosilicon Compounds"	1950

Box	Folder	Title	Dates
41	31	"Ultraviolet Properties of Compounds Containing the Silicon-Silicon Bond"	1964
41	32	"Ultraviolet Properties of Some Perphenylated Linear and Cyclic Polysilanes"	1965
41	33	"Ultraviolet Properties of Some Polysilanes"	1964
41	34	"Ultraviolet Spectra of Some Pentahalophenyl Substituted Silanes"	1966
41	35	"Une etude de la Concentration Optimale du Composé RX pour l'amorçage de Quelques Reactions de Grignard"	1928
41	36	"Unusual Isotope Effect"	1951
41	37	"Use of the Halogen Metal Interconversion Reaction Preparation of an Aromatic Iodo Compound"	1950
41	38	"Vesicant Action of Chloro-Alkyl Furfuryl Sulfides"	1930
41	39	"Yields of large Sized Preparations of Some Organomagnesium Halides"	1929
41	40	"Yields of Some Grignard Reagents Alternating Properties of Normal Alkyl Bromides"	1929
41	41	"Yields of Some Grignard Reagents"	1923
41	42	"Yields of Some Organolithium Compounds by the Improved Procedure"	1933

Description of series

Series 5 Presentations 1920-1976, undated

extent: 1.68 linear feet

description: This series contains the presentations and speeches Gilman gave to a variety of associations, including Sigma Xi, American Chemical Society, and Iowa State University. Topics of the speeches include chemistry in medicine, Barbier and Grignard Research, agricultural wastes, and chemistry in war.

Container list

Box	Folder	Title	Dates
41	44-46	American Chemical Society	1920-1943

Box	Folder	Title	Dates
42	9-10	Iowa Academy of Science	1924-1942
42	19	Some Newer Physiologically Active Compounds from Agricultural Wastes	1928
42	7	Evaluation of the Curricula of the Division of Industrial Science	1933
42	3	Art in the Science of Chemistry	1934
42	22	Value of Research	1934
42	8	Honor's Day Banquet	1935
42	4	Chemistry and Medicine	1940
42	15	Professor's Objections to Science in the News	1940
42	5	Chicago Section American Chemical Society	1941
42	21	Special Part Played by Chemistry in War	1941
42	6	Detroit Section American Chemical Society	1942
42	11	Iowa Section of American Chemical Society at Cedar Rapids	1945
42	14	Paris Symposium	1962
46	3	T. V. Talks Given at Carbide in Buffalo, New York Concerning 1963 visit to Russia	1963
42	1	American Chemical Society Concerning Grignard	1971
42	20	Some Selected Aspects of the Grignard Reagents	1971
42	2	Sixth Organometallic Conference in Amherst Massachusetts	1973
42	17	Some Aspects of Interdisciplinary Research – Priestly Medal Address	1976
4	6	Address at the 60 th Anniversary of the Iowa State University Graduate College	1976
42	12	Barbier and Grignard Research	undated
42	13	Hyrides, Metalation, Anesthetics, Chemistry and Medicine	undated
42	16	Sigma Xi Presidential Address "Chemistry, Biological Sciences and Heavy Hydrogen"	undated
42	18	Some Early Examinations of Compounds Containing Silicon and Carbon	undated

Description of series

Series 7 Iowa State University and Professional Organizations Information 1935-1987

extent: 0.84 linear feet (2 document boxes)

description: This series contains information relating to Iowa State University including committees, the Department of Chemistry, and the graduate chemistry program. The series also includes information on the Iowa Academy of Science, the National Academy of Science, and the American Chemical Society.

Container list

Box	Folder	Title	Dates
45	13	American Chemical Society Priestly Medal	1983
44	9	Iowa Academy of Science Award information (1 of 2)	1975-1985
45	1	Iowa Academy of Science Award information (2 of 2)	1975-1985
45	2	Iowa Academy of Science Handbook	1986-1987
45	4	Iowa State University: American Association of University Professors Foreign Language Committees	1972
45	3	Iowa State University: Centennial Founder's Day Committee	1958
44	1	Iowa State University: Department of Chemistry Graduate Students Publications Citations	1955-1984
45	5	Iowa State University: Department of Chemistry Information	1947
45	15	Iowa State University: Department of Chemistry, Velmer Fassel Information	1984
45	6	Iowa State University: Faculty Citation Committee	1952
44	5-6	Iowa State University: Graduate Committee	1927-1936
45	7	Iowa State University: Graduate Committee	1931-1933
44	7-8	Iowa State University: Interdisciplinary Studies for Graduate Students in Chemistry	1976
45	8	Iowa State University: Library Committee	1931-1932
45	11	National Academy of Science	1979
45	12	National Academy of Sciences	1945-1964

Box	Folder	Title	Dates
45	14	Royal Society News	1984-1985