Cranbrook Institute of Science Director’s Papers

Papers, 1920s-1990s
36 linear ft.

<table>
<thead>
<tr>
<th>Acquisition Number:</th>
<th>1990-31</th>
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</thead>
<tbody>
<tr>
<td>Acquisition:</td>
<td>This collection is a compilation of several record transfers from the Institute of Science.</td>
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<td>Access to the collection is unrestricted, with the exception of restricted material, Box 19.</td>
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<td>Cranbrook Institute of Science Director’s Papers, Cranbrook Archives, Bloomfield Hills, Michigan.</td>
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<tr>
<td>Photographs:</td>
<td>See Archives Photo Collection Files.</td>
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<td>Index:</td>
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<tr>
<td>Processing:</td>
<td>Inventory, Peggy Appleman. Processing Research series and creation of finding aid, Veronica Bielat Processing bulk of collection and creation of finding aid, Amy James, June 2000.</td>
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</tbody>
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History

Cranbrook Institute of Science is a nationally recognized natural history and science museum primarily serving Michigan and the Great Lakes region. It seeks to interest and educate people of all ages about nature, science and humankind through its exhibits, education, collection, research, and public programs.\(^1\) The Institute is a division of Cranbrook Educational Community.

The Institute of Science began, as do all Cranbrook institutions, with the vision and generosity of George Gough Booth. In 1926, when Cranbrook School was nearing completion, a plan developed to have astronomy as part of the school curriculum, and to mount a telescope in the school’s tower, now part of Hoey Hall. Following much experimentation, this tower was found to be an unfit observatory, as moist air rising in the tower caused condensation and, in the winter, ice-formation. Plans for the astronomy curriculum were put on hold and the lenses were placed in storage. During this period, Mr. and Mrs. George Booth were traveling in the West, where they purchased a collection of 277 mineral specimens for Cranbrook School from a dealer, Pohndorf’s, of Denver, Colorado. This was soon to be followed by the purchase of a substantial mineral collection from Levi P. Rowland of Detroit, also for use in the planned Cranbrook School museum. These two purchases formed what would become one of the first and most important collections of the soon-to-be-created Cranbrook Institute of Science.

Recognizing a need, on May 13, 1930, the Trustees of The Cranbrook Foundation authorized the construction of “suitable buildings”, and a committee was appointed “to select a name for the proposed institution and organize a board of directors to develop and manage it”.\(^2\) The Institute was to be built on “Sunset Hill”, the highest point on Cranbrook property. The name “The Cranbrook Institute of Science” was proposed to the Trustees on June 26, 1930. The first meeting of the Institute’s Board of Trustees took place on July 1, 1930, and Henry S. Hulbert was appointed its first Chairman. The institution was a department or an activity of the Foundation, not to be re-constituted as separate and independent under a trust indenture until February 10, 1932.\(^3\)

The first Institute, as designed by George Booth and built in 1930, was a one-story, wood-shingled, cinder-block building built around a square court. Almost immediately, George Booth had Eliel Saarinen began to prepare a master plan for growth, building and expanding from the current structure. This culminated in the “Grand Plan”, submitted in 1932 [not built]. Revised Saarinen plans were approved, and the new Institute was dedicated in May 1938. The Institute of Science experienced several more expansions, including the McMath Planetarium in 1955, the Skillman Wing in 1962, Edison House in 1966, and the Nature Center in 1969. The Cranbrook Nature Sanctuary, near Orchard

\(^3\) Ibid, p.19.
Lake, was established on land donated to CIS from Harold Lee Ward. Architect Steven Holl designed the most recent expansion, completed in 1999. Exhibit space was greatly expanded, nearly doubling the size of the Institute.

From the beginning, the staff was selected to encompass the interests of both research and education. Museum exhibits were soon accepted as a principal education tool. The first employee of the Institute was W. Bryant Tyrrell, a naturalist and taxidermist who had previously served on the staff of the Children’s Museum [of] Detroit. The staff list in the first Annual Report shows nineteen named posts filled by eight employees and four Trustees. Victor H. Cahalane was selected by the Board as Curator of the Institute, beginning on January 1, 1931. In April 1931 his title was changed to Director. Please see the chronological list of CIS Directors below for a complete list of Mr. Cahalane’s successors.

In 1930, CIS began as a small museum providing science education for students at Cranbrook Schools. Throughout the years, the Institute has maintained its commitment to education, research, and outreach. It is now the largest science museum in Michigan, with annual attendance at more than 200,000 visitors.

Scope and Content of Collection

The collection is divided into eight series: Trustees/Board of Governors, Operations, Exhibits, Education, Research, Renovation and Expansion, Correspondence, and Oversized Materials. Folders in each series are arranged in alphabetical/chronological order, and each folder’s contents are arranged in chronological order.

Possibly the best place to get the overall picture of the historical development and continuing functioning of the Cranbrook Institute of Science is in the Trustees/Board of Governors series. Included in this series are a full run of the Annual Reports and Quarterly Meeting Minutes of the CIS Board of Governors. The Board of Governor’s committee activity is documented, with the heaviest concentration of records being in the 1960s-1980s. The formation and early years of CIS are described in the History section of this series. The CIS Board of Governors early involvement in the formation of the Detroit Science Center can be found in this series.

The Operations series documents the administrative end of CIS life, encompassing personnel, budget/finance, admissions, building maintenance, and security. Fundraisers and annual events like the Maple Sugar Festival are documented in the Community Relations subseries. Properties that were owned or donated to CIS, including the Beresford farm and the Ward property at Orchard Lake (site of the Cranbrook Nature Sanctuary) can be found in the Properties subseries.

Temporary, permanent, and traveling exhibits are documented in the Exhibits series. This should not be considered an exhaustive list of exhibits, however, as the majority of

exhibits in this series are from the 1970s-1990s. For a more complete picture of the range of exhibits over the years, the user should consult the Annual Reports located in the Trustees/Board of Governors series.

Throughout its history, CIS has placed an emphasis on educational programming. That commitment to science education is documented in the Education series. Within this series, the user can find class brochures from 1933-1996, field trips, summer camps, educational programming collaboration with area schools and universities, and the funding sources for these programs. Users are also encouraged to consult the Annual Reports located in the Trustees/Board of Governors series for additional information on CIS educational programming.

Research conducted by CIS directors, staff members, and visiting scholars is documented in the Research series. The material is primarily in the format of compiled data and subsequent reports. Involvement in inland lakes and Great Lakes research is documented, as is the research holdings in the CIS Library. Drainage and vegetation studies of Kingswood Lake (called Cranbrook Lake during some studies) are in this series, as are manuscripts and published works of directors and staff members. A large section of algae drawings by Stanley Cain can be found. These pencil drawings were intended for publication, and are a good example of how scientific research from that era was conducted.

Throughout the history of CIS, several building expansions and improvements have taken place. Materials in the Renovation and Expansion series describe the preparation and planning that accompanied these improvements. Most of the materials in this series cover the major expansion project that spanned the 1980s-1990s. Additional documentation of the building of Edison House, the Woodward entrance, and the Arrival Feature can also be found within the series. See the Oversized Materials series for additional renovation and expansion information.

Materials in the Correspondence series span the 1920s through the 1990s, pre-CIS through present day. Important correspondents in this series include: all CIS Directors, George G. Booth, Henry S. Booth, Robert McMath, Henry Hulbert, Gustavus Pope, members of the Beresford family, Stanley Cain, Lee Dice, Cecil Billington, and Arthur Wittliff. Materials are arranged alphabetically and chronologically. The relationship between CIS and the other Cranbrook institutions can be found in this series.

The Oversized Materials series contains a facility program report compiled by Hellmuth, Obata & Kassabaum (HOK) in preparation for the 1980s-1990s CIS expansion project.
Related Collections

- CIS Publications collection (*CIS Bulletin* and *CIS News Letter/Science Scope*)
- Cranbrook Archives Photograph Files

CIS Directors in Chronological Order

- Victor Cahalane 1930-1934
- Lee Dice (acting) 1934-1935
- Robert Hatt 1935-1967
- Warren Wittry 1967-1972
- Robert Bowen (acting) 1972-1973
- Kathleen Roth (acting) 1981-1982
- Dennis Wint 1982-1986
- Kathleen Roth (acting) 1986-1987
- Ellen Jacobowitz (acting) 1992-1993
- Daniel Appleman 1993-1998
- Elaine Heumann Gurian (acting) 1998-1999
- Talbert Spence 1999-
Box Number--Description

Series I  CIS TRUSTEES/BOARD OF GOVERNORS

Box 1

1. Annual Report, 1930-1931
2. Annual Report, 1931-1932
3. Annual Report, 1932-1933
4. Annual Report, 1933-1934
5. Annual Report, 1934-1935
7. Annual Report, 1936-1937
10. Annual Report, 1939-1940
11. Annual Report, 1940-1941
12. Annual Report, 1941-1942
15. Annual Report, 1944-1945
27. Annual Report, 1956-1957
34. Annual Report, 1963-1964
42. Annual Report, 1974-1975
43. Annual Report, 1975-1976
44. Annual Report, 1976-1977
47. Annual Report, 1979-1980

Box 2

   Note: CIS Annual Reports discontinued after 1989-1990.
10. Articles of Incorporation, 1956
11. Committees (list of and membership), 1951-1985 incomplete
13. Committees—Beresford Property (Ad Hoc), 1984-1985
22. Committees—Educational Programs Advisory (Ad Hoc), 1985-1987
30. Committees—Governance (Ad Hoc), 1992
32. Committees—New Wing/Renovation & Expansion (Ad Hoc), 1980-1984
33. Committees—New Wing/Renovation & Expansion (Ad Hoc), 1985-1986
34. Committees—New Wing/Renovation & Expansion (Ad Hoc), 1987-1989
35. Committees—New Wing/Renovation & Expansion (Ad Hoc), 1990-1991
37. Committees—Operating Procedures (Ad Hoc), 1972
40. Committees—Publications, 1951
41. Committees—Research, 1950-1966
42. Committees—Research, 1967-1980
44. Committees—Science Advisory, 1989
45. Committees—Ways and Means (Ad Hoc), 1970
46. Cresap Report (and reaction to), 1965-1966
47. Detroit Science Center, 1969-1983
49. History (of CIS), 1930-1980
50. History (of CIS), 1933, 1935, 1960
51. History (of CIS)—A History of the Cranbrook Institute of Science by Cecil Billington, May 1937
52. History (of CIS)—In Behalf of the Cranbrook Institute of Science by Cecil Billington, 1949 (2 copies)
53. History (of CIS)—Land Description, 1931, 1933
54. History (of CIS)—Mineral Collection, 1930s, 1990s

**Box 3**

1. Quarterly Meeting Minutes, 1937-1940
2. Quarterly Meeting Minutes, 1942-1942
3. Quarterly Meeting Minutes, 1943-1944
4. Quarterly Meeting Minutes, 1945-1946
5. Quarterly Meeting Minutes, 1947
6. Quarterly Meeting Minutes, 1948
7. Quarterly Meeting Minutes, 1949
8. Quarterly Meeting Minutes, 1950
9. Quarterly Meeting Minutes, 1951
10. Quarterly Meeting Minutes, 1952
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12. Quarterly Meeting Minutes, 1954
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14. Quarterly Meeting Minutes, 1956
15. Quarterly Meeting Minutes, 1957
16. Quarterly Meeting Minutes, 1958
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20. Quarterly Meeting Minutes, 1962
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22. Quarterly Meeting Minutes, 1964
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24. Quarterly Meeting Minutes, 1966
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27. Quarterly Meeting Minutes, 1969
28. Quarterly Meeting Minutes, 1970
29. Quarterly Meeting Minutes, 1971
30. Quarterly Meeting Minutes, 1972
31. Quarterly Meeting Minutes, 1973
32. Quarterly Meeting Minutes, 1974
33. Quarterly Meeting Minutes, 1975
34. Quarterly Meeting Minutes, 1976

Box 4

1. Quarterly Meeting Minutes, 1977
2. Quarterly Meeting Minutes, 1978
3. Quarterly Meeting Minutes, 1979
4. Quarterly Meeting Minutes, 1980
5. Quarterly Meeting Minutes, 1981
6. Quarterly Meeting Minutes, March 1982
7. Quarterly Meeting Minutes, Sep, Dec 1984
8. Quarterly Meeting Minutes, Mar, Jun, Jul 1985
9. Quarterly Meeting Minutes, Sep, Dec 1985
10. Quarterly Meeting Minutes, Mar, Jun 1986
11. Quarterly Meeting Minutes, Sep, Dec 1986
12. Quarterly Meeting Minutes, Mar, Jun 1987
13. Quarterly Meeting Minutes, Sep, Dec 1987
14. Quarterly Meeting Minutes, Mar, Jun 1988
15. Quarterly Meeting Minutes, Sep, Dec 1988
16. Quarterly Meeting Minutes, Mar, Jun 1989
17. Quarterly Meeting Minutes, Sep, Dec 1989
18. Quarterly Meeting Minutes, Apr, Jun, Oct 1990
19. Quarterly Meeting Minutes, Jan, Apr 1991
21. Quarterly Meeting Minutes, Jan, Apr 1992
22. Quarterly Meeting Minutes, Jun, Oct 1992
23. Quarterly Meeting Minutes, Jan, Apr 1993
24. Quarterly Meeting Minutes, Jun, Oct 1993
25. Quarterly Meeting Minutes, Jan, Apr 1994
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2. Quarterly Meeting Minutes, Jan 1996
4. Quarterly Meeting Minutes, Jan, Apr, Oct 1997
6. Quarterly Meeting Minutes, Jan, Apr, Jun 1999
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8. Quarterly Meeting Minutes, Jun 2000
9. Trustee Directories, 1930s-1990s incomplete

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1. CIS Summary of Activities, Programs, and Budgets 1972-1973
5. Gift Shop, 1595-1960, 1996
11. Logo (CIS), 1982-1993

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15. Attendance Figures, 1969-1986
17. Correspondence and Memos, 1968-1993

Awards subseries

19. Mary Soper Pope Award—General, 1964
20. Mary Soper Pope Award—Revival, 1989
21. Mary Soper Pope Award—Frans Verdoorn, 1946
22. Mary Soper Pope Award—Charles Deam, 1947
23. Mary Soper Pope Award—William Vogt, 1948
24. Mary Soper Pope Award—Jens Christian Clausen, David Daniels Keck, William McKinley Hiesey, 1949
25. Mary Soper Pope Award—Martin Cardenas, 1951
26. Mary Soper Pope Award—Emma Lucy Braun, 1952
27. Mary Soper Pope Award—Irving Widmer Bailey, 1954
28. Mary Soper Pope Award—Kenneth Neatby, 1959
29. Mary Soper Pope Award—Edmund H. Fulling, 1962
30. Mary Soper Pope Award—Edgar T. Wheery, 1964
31. Mary Soper Pope Award—Hally Jolivette Sax and Karl Sax, 1966
32. Mary Soper Pope Award—Stanley A. Cain, 1969
33. Mary Soper Pope Award—William Campbell Steere, 1970
34. President’s Award for Excellence—Kathleen Roth, 1990

**Budget/Finance subseries**

35. Appraisal—Manufacturers’ Appraisal Company, 1952
36. Appraisal—CIS Art Collection, 1978
38. Appraisal—Upkeep Report, 1956
41. Appraisal—Upkeep Report, 1959
42. Budgetary Distribution Account Numbers, 1960s, 1973-1974
43. Financial Statements, 1930
44. Financial Statements, 1931-1932
45. Financial Statements, 1932-1933
46. Financial Statements, 1933-1934
47. Financial Statements, 1934-1935
49. Financial Statements, 1936-1937
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55. Financial Statements, 1944
56. Financial Statements, 1945-1946
57. Financial Statements—Condensed, 1939-1946
58. Financial Statements, 1946-1947
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60. Financial Statements, 1948-1949
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63. Financial Statements, 1956-1957
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65. Financial Statements, 1958-1959
66. Financial Statements, 1960
68. Financial Statements, 1963-1964
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70. Financial Statements, 1965-1966
73. Financial Statements, 1968-1969
75. Financial Statements, 1971-1972
76. First Level Appropriation, 1979, 1985
77. First Level Appropriation—Report on the First Level Appropriation, July 15, 1985
78. Five year Financial and Programmatic Projections, August 1, 1985
79. Insurance, 1937, 1951-1979
80. Insurance, 1980-1993
82. Operating revenue, 1985-86

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3. Clubs—Oakland Audubon Society, 1973
5. Events, 1982-1984
6. Events—Autumn Fest, 1984
7. Events—CIS 10th Anniversary Celebration, 1940
8. Events—Danish Dinner, 1961
15. Fundraising, 1962-1982
22. Fundraising—Rainbows and Ice, 1992-1993
23. Fundraising—Silver and Ice, 1988
25. Fundraising—Treasures and Ice, 1989-1990
27. Membership, 1938-1959

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32. Air Conditioning—Skillman Wing—contracts & specs, 1961
34. Boiler, 1978
36. Construction—Correspondence, 1958-1962
38. Construction—Skillman Wing, 1963-1964
40. Equipment—Expenditures and Forecasts, 1936-1937
41. Equipment—Inventory, 1967
43. Floor Plans, undated
44. General, 1974-1983
45. General, 1984-1992
47. Health Hazards, 1964-1965
48. HVAC, 1967-1978
49. Nagey Courtyard—Correspondence, 1978-1979
50. Nagey Courtyard—Drawings, Contracts, Bids, 1978
51. Painting, 1979-1980
53. Parking/Traffic, 1985
55. Reflecting Pool—“Milles Pond” fish, 1979-1980
58. Security—File removed, restricted material
59. Security—File removed, restricted material
62. Storage Space Proposal, 1987
63. TV Antenna/Satellite Proposal, 1976

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2. Utilities, 1963
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5. Vehicles—Purchase and Sales, 1972-1986

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6. File removed, restricted material
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8. Department Head Meeting Minutes, Jul 1984-Dec 1984
9. Department Head Meeting Minutes, Jan 1985-Jun 1985
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11. Department Head Meeting Minutes, 1986
12. Department Head Retreats, 1982
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15. Education Committee Meeting Minutes, 1996-1997
15a. Emergency procedures, 1985
17. Executive Committee Meeting Minutes, 1996-1997
18. Honorary Appointments, 1985
19. Job Descriptions, 1973
20. Library Committee Meeting Minutes, 1996
22. Organizational Charts, 1960s-1990s various years

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27. contents relocated to 15:55A
33. Flood Estate Trust, 1982-1983
35. Beresford Farm—Appraisal, 1989
36. Beresford Farm—Hebert, James, 1983-1986
37. Beresford Farm—Spanger, James and Patricia, 1982-1989
38. Schjolin Property (127 Stoneybrook Lane), 1982-1997
39. Ward Property (Orchard Lake), 1969-1972
40. Ward Property (Orchard Lake), 1976-1985
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43. Ward Property (Orchard Lake)—Outside Proposals, 1988-1990
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7. Basketry of the North American Indians, 1941
9. Brochures & Announcements, undated, various years
12. Dinosaurs! Dinosaurs!, 1987
15. Earth Resources Technology Satellite (ERTS), 1974
16. Earth Science (modernization of existing exhibit), 1977
17. Earth’s Treasures, 1988-1990
18. Eskimo Exhibit, 1941
22. Exhibit Planning—Exhibit Development Team Extension Committee (EDTEC), 1988
23. Exhibit Planning—Exhibit Development Team Meeting Minutes, 1987
24. Exhibit Planning—Exhibit Development Team Meeting Minutes, 1988
26. Exhibit Planning—Existing Exhibit Analysis, 1987
27. Exhibit Planning—Exploratorium, 1980
34. Exhibit Planning—Schematics Design Phase, 1989-1990
35. Exhibit Planning—Work Groups, c. 1990
38. Foucault Pendulum, n.d., 1983
40. Guide to the Exhibits, 2nd ed., 1941
44. Guide to the Exhibits, 6th ed., 1956
46. Hall of Light and Color, 1979-1980
47. Halley’s Comet, 1985-1986
49. Human Experience, 1988-1990
50. Inua: Spirit World of the Bering Sea Eskimo, 1984-1985
51. It’s All in Your Head, 1995
52. Lasera, 1979-1982
54. Living World, 1988-1990
55. Masks: Occult and Utilitarian, 1940
56. Masters of the Night, 1993
57. Mathematics Emporium, 1965-1980
58. Michigan Sesquicentennial, 1986
60. Nature Orientation Center (Dedication), 1968
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63. Physics Hall—Cohen Study, 1979
64. Physics Hall—Exhibit Surveys, 1974, 1984
65. A Pictoral Book of Exhibits, c. 1960s
67. San Diego Museum of Natural History, 1987
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72. Speakeasy: Communicating in the ‘80s, 1982
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1. Spiders! script (from the National Museum of Natural History), 1994
2. Sport, 1993-1994
3. Stories in Hair and Fur, 1949
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6. Traveling Exhibits, 1941, 1950s-1976
7. 20th Century Dinosaurs, 1982
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28. Fee Schedules, 1982
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33. Funding—Howard Hughes Medical Institute, 1992
34. Funding—Kellogg Foundation, 1981-1987
35. Funding—Kellogg Foundation, 1988-1990
36. Funding—Knight Foundation, 1983-1989
37. Funding—Lyon Foundation, 1987-1990
38. Funding—Miscellaneous, 1980s-1990s 1/3
38a. Funding—Miscellaneous, 1980s-1990s 2/3
38b. Funding—Miscellaneous, 1980s-1990s 3/3
39. Funding—Skillman Foundation, 1984-1989
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42. Games and Quizzes, c.1950s, 1952
43. Goals and Objectives, 1987
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50. Michigan Education Seminars, 1984
52. Michigan Science Museum Collaborative, 1987
53. Michigan Science Museum Collaborative, 1988
54. Michigan Science Museum Collaborative, 1989
58. National Science and Technology Week, 1981
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61. Oakland Community College, n.d.
63. Oakland University, 1973-1974
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65. Physics Classes, n.d.
66. Physics Olympics, 1982
68. Pontiac, MI Public School System, 1985
69. Preschool Programs, 1988
70. Rediscovering Our Great Lakes Program, 1975-1976
71. School Visits, n.d., various 1950s-1980s
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74. Science Explorer Camp, 1980s
75. Science Hands-On!, c.mid-1990s
76. Science is Everywhere Program, 1996
77. Science Museum (television show), 1964
78A. Starlab, 1987
79. Summer Science Camp, 1979-1981
81. Teacher Training Proposal, 1973
82. Uni-Science Program, 1994-1995
85. Up With Science Program, 1982
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4. Cranbrook Living Arboretum (Beresford Center) Proposal, 1982

Divisions Subseries
5. Research Summaries, 1930-1980
9. Botany, Bruce Peninsula (Ontario), 1949
10. Botany, Cain, Stanley, Published Works, 1938-1949
11. Botany, Cain, Stanley, Macatawa Dunes Survey, 1948
12. Botany, Cain, Stanley, Papers, An Ecologist’s View of the Population-Natural Resources Problem, 1949
13. Botany, Cain, Stanley, Papers, Natural Resources and Population Pressures, 1949
15. Botany, Origination Papers, 1939
22. Botany, Wells, James, Fly Ash Project (Detroit Edison), 1985-1986
23. Botany, Wells, James, Michigan Islands Botanical Research, 1987
25. Botany, Wells, James, NIH Proposal, Biosystematic Studies and Protein Enrichment Investigations in Polymnia sonchifolia (Compositae), 1969
27. Director, Research Reports, 1961
28. Director, West, Robert, Kathmandu (Nepal), 1987
29. Director, West, Robert, Kathmandu (Nepal), 1988
30. Director, West, Robert, Published Works, 1970-1974
31. Director, West, Robert, Published Works, 1976
32. Director, West, Robert, Published Works, 1977-1978
33. Director, West, Robert, Published Works, 1979
34. Director, West, Robert, Published Works, 1980
35. Director, West, Robert, Published Works, 1981
36. Director, West, Robert, Published Works, 1983
37. Director, West, Robert, Published Works, 1985-1986
38. Director, West, Robert, Published Works, Chitarwata Series, Correspondence, 1987
39. Director, West, Robert, Published Works, Chitarwata Series, Correspondence, 1988
40. Director, West, Robert, Published Works, Chitarwata Series, Correspondence, 1989
41. Director, West, Robert, Published Works, Chitarwata Series, Correspondence, 1990
42. Director, West, Robert, Published Works, Chitarwata Series, Correspondence, 1991
43. Director, West, Robert, Published Works, Chitarwata Series, 1991
45. Director, West, Robert, Published Works, *Endangered and Orphaned Natural History and Anthropology Collections in the United States and Canada*, Correspondence, 1987
46. Director, West, Robert, Published Works, *Endangered and Orphaned Natural History and Anthropology Collections in the United States and Canada*, Correspondence, 1988
47. Director, West, Robert, Published Works, *Endangered and Orphaned Natural History and Anthropology Collections in the United States and Canada*, 1988
49. Director, West, Robert, Published Works, *Miocene Vertebrates from the Siwalik Group, Western Nepal*, Correspondence, 1991
50. Director, West, Robert, Published Works, *Paramys Wyomingensis, a Small Rodent from the Middle Eocene of Wyoming*, 1969
53. Director, West, Robert, Published Works, *State Regulation of Geological, Paleontological, and Archaeological Collecting*, Correspondence, 1989
54. Director, West, Robert, Published Works, *State Regulation of Geological, Paleontological, and Archaeological Collecting*, 1989
55. Director, West, Robert, Published Works, *State Regulation of Geological, Paleontological, and Archaeological Collecting*, Correspondence, 1990
56. Director, West, Robert, Published Works, *State Regulation of Geological, Paleontological, and Archaeological Collecting*, Correspondence, 1991
57. Director, West, Robert, Published Works, *State Regulation of Geological, Paleontological, and Archaeological Collecting* (Updated), 1991
58. Director, West, Robert, Society or Vertebrate Paleontology, 47th Annual Meeting, 1987
59. Director, West, Robert, Society or Vertebrate Paleontology, Government Liaison Committee, 1987-1989
60. Director, West, Robert, Society or Vertebrate Paleontology, Government Liaison Committee, 1990-1991
63. Geology, Mineralogy and Paleontology, Shelton Property Excavation, 1983
64. Geology, Mineralogy and Paleontology, Shelton Property Excavation, 1984
65. Geology, Mineralogy and Paleontology, Shelton Property Excavation, 1984-1985
66. Geology, Mineralogy and Paleontology, Shelton Property Excavation, 1986
68. Geology, Mineralogy and Paleontology, Summit Place Mall Excavation, 1989
69. Zoology, Bird Banding, Permit, 1955-1959
70. Zoology, Bird Banding, Research Reports, 1959-1982
71. Zoology, Dice, Lee, Public Health Service Research Grant (M2050/M1650), Heredity of Behavior Type in Peromyscus, 1956-1964
72. Zoology, Harding, James, Wood Turtle, 1979-1987
73. Zoology, Newcombe, Curtis, Crab Studies, 1949
75. Zoology, Research Associates, Fowler, James, 1962
76. Zoology, Research Reports, 1968-1980

Box 12
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Inland Lakes Sub-subseries
1. Bacterial Contamination Research Proposal (C-5148), 1973
2. Child Lake, Plant Population Data, 1948
3. Echo Lake, Plant Population Data, 1948
4. ERTS, Eutrophication of Inland Lakes, Proposal, 1971
5. ERTS, Eutrophication of Inland Lakes, Correspondence, 1971-1973
6. ERTS, Eutrophication of Inland Lakes, Mapping Report, 1974
8. Heart Lake, Pollen Analytic Study, 1948
20. Kingswood Lake, Vegetation Control, 1947-1953
21. Lake Angelus, Pollution Study, 1969
22. Lake Angelus, Pollution Study, 1970
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56. EPA Projects, Saginaw Bay (R802685-1), 1973
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12. LLRS, Government Funding, Mar 1983
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15. LLRS, Reorganization, 1984
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18. GHA—Interpretive Planning Report, June 1989
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24. HOK—Preliminary Code Review (2 copies), May 1989
25. HOK—The Saarinen Tradition by William Odell, 1989
26. HOK—Schematic Design Summary, April 1989
27. Hoffman, Dan, 1991
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CAA=Cranbrook Academy of Art
CEC=Cranbrook Educational Community
CIS=Cranbrook Institute of Science
EDT=Exhibit Development Team
EDTEC=Exhibit Development Team Extention Committee
EPA=United State Environmental Protection Agency
ERTS=Earth Resources Technology Satellite
GLC=Government Liaison Committee of the Society of Vertebrate Paleontology
GHA=Gerard Hilferty & Associates
HOK=Hellmuth, Obata and Kassabaum
LLRS=Large Lake Research Station (located in Grosse Ile, Michigan)
SVP=Society of Vertebrate Paleontology

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