Harry Bertoia Sculptor

- Plate 10. Monoprint (before 1948)

 Photograph courtesy, the artist
 - Monoprint (before 1948)
 Courtesy, Solomon R. Guggenheim Museum, New York
 - "Composition" (1943), monoprint Courtesy, Museum of Modern Art, New York Soichi Sunami, photographer
 - 13. "Multicolored Trapezoids" (before 1948), monoprint Courtesy, Solomon R. Guggenheim Museum, New York
 - Monoprint (before 1948)
 Photograph courtesy, the artist
 - Silver jewelry (c. 1943)
 Photograph courtesy, the artist
 James Rupert, photographer
 - Silver brooch (c. 1943)
 Photograph courtesy, the artist
 James Rupert, photographer
 - 17. Three-dimensional study of light and space effects (c. 1943) Courtesy, the artist
 - The Bertoia chair (1952)
 Courtesy, Knoll Associates
 - Sculptures (c. 1947-48)
 Photograph courtesy, the artist Robert Herrmann, photographer
 - Sculptures (c. 1950-52)
 Photograph courtesy, the artist
 Herbert Matter, photographer
 - Sculpture screen (1953)
 Courtesy, General Motors Technical Center, Warren, Mich. Hedrich—Blessing, photographer
 - Sculpture screen (1954)
 Courtesy, Manufacturers Hanover Trust Company, New York
 - 23. Detail of Manufacturers Hanover Trust Company screen Courtesy, the owner

Plate 24. Wall-hung sculpture (1954) German Mancini, Caracas, Venezuela Courtesy, the artist

25. Reredos (1955)

Courtesy, Massachusetts Institute of Technology, Cambridge M.l.T. photograph

Bronze relief mural (1963)
 Dulles International Airport, Chantilly, Va.
 Courtesy, Federal Aviation Administration

Wall-hung sculpture (1962)
 Courtesy, Bankers Trust Company, New York
 John Schiff, photographer

28. Hanging hemisphere (1965)Courtesy, Cuyahoga Savings Association, ClevelandC. W. Ackerman, photographer

29. Globe (1964)

Woodrow Wilson School of Public and International Affairs Courtesy, Princeton University, Princeton, N.J.

- 30. Another view of Princeton globe Courtesy, Princeton University
- Drawing and scale model for "Sunlit Straw" in Bertoia's studio Courtesy, Northwestern National Life Insurance Company William Holland, photographer
- 32. Coating the steel rods for "Sunlit Straw" Courtesy, the owner William Holland, photographer
- Welding one of the rods in place for "Sunlit Straw"
 Courtesy, the owner
 William Holland, photographer
- 34. "Sunlit Straw" suspended from ceiling of studio during construction Courtesy, the owner William Holland, photographer
- 35. Bertoia looks at nearly-completed Northwestern National Life Insurance Company building with Minoru Yamasaki Courtesy, the owner Earl Chambers, photographer

- Plate 36. Crated sections of "Sunlit Straw" as they arrived in Minneapolis
 Courtesy, the owner
 Earl Chambers, photographer
 - 37. Section of "Sunlit Straw" being hoisted into position in lobby of Northwestern National Life Insurance Company Building Courtesy, the owner Earl Chambers, photographer
 - 38. Bertoia guides sections of "Sunlit Straw" into position prior to joining them Courtesy, the owner Warren Reynolds Associates, photographer
 - "Sunlit Straw" (1964)
 Courtesy, Northwestern National Life Insurance Company, Minneapolis
 David Hirsch, photographer
 - 40. Detail of "Sunlit Straw" Courtesy, the owner
 - 41. Musical fountain sculpture (1966)
 Courtesy, River Oaks Shopping Center, Calumet City, III.
 Samuel J. Nelson, photographer
 - 42. Another view of River Oaks fountain Courtesy, Fairweather Hardin Gallery
 - 43. Screen (1967)
 Federal Court Building, Brooklyn, N.Y.
 Courtesy, General Services Administration
 Paul Parker, Inc., photographer
 - 44. Detail of Brooklyn Federal Court screen Courtesy, General Services Administration
 - Fountain sculpture (1967)
 Courtesy, Philadelphia Civic Center, Philadelphia
 Vincent Primavera, photographer
 - 46. Philadelphia Civic Center fountain while under construction Courtesy, the artist Guy Tomme, photographer
 - Another view of Philadelphia Civic Center fountain Courtesy, the owner Vincent Primavera, photographer

- Plate 48. Fountain sculpture (1968)

 Courtesy, Manufacturers and Traders Trust, Buffalo

 James H. Warder, photographer
 - 49. Another view of Manufacturers and Traders Trust fountain Courtesy, the owner James H. Warder, photographer
 - Bertoia installing segment of ceiling scutpture (1968)
 Courtesy, Seattle First National Bank, Seattle, Wash.
 - "Comet" (1964)
 Courtesy, W. Hawkins Ferry, Grosse Pointe Shores, Mich. Joseph Klima, Jr., photographer
 - 52. Fountain sculpture (1963) Formerly, Perpetual Savings and Loan Association, Beverly Hills, Calif. Courtesy, Ezra Stoller (ESTO), photographer
 - "Golden Trees" (1956)
 Courtesy, Dayton Store, Southdale Shopping Center, Edina, Minn.
 - Sculpture screen (1955)
 Courtesy, Dallas Public Library, Dallas
 C. D. Bayne, City of Dallas photographer
 - Balanced sphere (1961)
 Denver Hilton Hotel, Denver Courtesy, I. M. Pei & Assoc.
 Guy Burgess, photographer
 - Tree-like screen (1961)
 Courtesy, Denver Hilton Hotel, Denver King's photograph
 - "Hollow Forms" (date uncertain)
 Courtesy, Staempfli Gallery, New York
 John Schiff, photographer
 - "Golden Screen" (1964)
 Courtesy, Mr. and Mrs. Robert W. Sarnoff, New York
 John Schiff, photographer
 - Musical sculpture (1960-64)
 Courtesy, Mr. and Mrs. Irving Castle, New London, Conn. John Schiff, photographer

Plate 60. Sculpture (1967)

Courtesy, Mr. and Mrs. Martin Roaman, New York John Schiff, photographer

61. Musical sculptures (1968)

Courtesy, the artist and Staempfli Gallery, New York John Schiff, photographer

62. Sculptures (1967)

Courtesy, the artist Guy Tomme, photographer

63. "Small Bush" (1965)

Courtesy, Mr. and Mrs. Edwin Jaffe, Fall River, Mass. John Schiff, photographer

64. Bush-like sculptures (c. 1966)

Photograph courtesy, the artist Guy Tomme, photographer

65. "Gold Tree" (1957)

Virginia Museum of Fine Arts, Richmond Courtesy, the artist

66. Detail of "Gold Tree"

Courtesy, the artist

67. Sculpture (1960)

Courtesy, the artist John Schiff, photographer

68. Drawing of proposed fountain sculpture for McCormick Building,

Chicago (c. 1962) Courtesy, the artist

69. Sculpture (c. 1956)

Florence Knoll Bassett, Miami Beach, Fla. Courtesy, the artist

70. "Spring" (1965)

Courtesy, Chase Manhattan Bank, N.A., New York John Schiff, photographer

71. Model for bells (c. 1955)

Courtesy, the artist

Richard Schultz, photographer

Plate 72. Musical sculptures (1968-69) Courtesy, the artist and Allentown Call-Chronicle Don Uhrich, photographer

- Head of a woman (c. 1958)
 Mr. and Mrs. Matthew Leibowitz, Rydal, Pa.
 Courtesy, the artist
- 74. Oval ceiling sculpture (1954)
 Manufacturers Hanover Trust Company, New York
 Courtesy, the artist
- Sculpture screen (1954)
 Courtesy, Public Library of Cincinnati and Hamilton County, Cincinnati Bob Lehker, photographer
- Sculpture screen (1955)
 Lambert Airport, St. Louis, Mo.
 Courtesy, the artist
- 77. Free-standing sculpture screens (three of ten) (1956)
 First National Bank of Miami, Miami, Fla.
 Courtesy, the artist
- 78. Free-standing sculpture screen (1956)
 U.S. Department of State for Bremen, Germany (now in storage)
 Courtesy, the artist
- 79. Rectangular frame with gong (1956) U.S. Department of State for Düsseldorf, Germany Now in a Munich office building Courtesy, the artist
- Fountain sculpture (1957)
 First National Bank and Trust Company of Tulsa, Tulsa, Okla.
 Courtesy, the artist
- 81. Sculpture screen (1961)
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- Wall-hung sculpture (1961)
 Courtesy, Eastman Kodak Company, Rochester, N.Y.
- 83. "Nova" (1961)
 Courtesy, Syracuse University, Syracuse, N.Y.

- Plate 84. Dandelion sculptures for fountain (four of seven) (1964)
 Eastman Kodak Pavilion, New York World's Fair
 Courtesy, Eastman Kodak Company
 - 85. "Galaxy" (1964)
 Golden West Savings and Loan Association, Castro Valley, Calif.
 Courtesy, Mario Gaidano
 Gene Anthony, photographer

Preface

The quietly poetic personality of Harry Bertoia so impressed me when first I met him on board the *Cristoforo Colombo* bound for Italy in 1957 that I became interested in learning more about his work. When I returned to America the following year, my first visual contact with the golden sculpture wall in a bank on Fifth Avenue in New York whetted my appetite and I began looking for Bertoia sculptures wherever I went, finding them in museums, churches, and business establishments all over the country. Realization came gradually of the extent and variety of his artistic output.

Surprised to discover there was no monograph available giving details concerning the sculptor and his work, I wrote Bertoia in the spring of 1966 requesting permission to undertake such a study. Permission and cooperation were freely and generously granted, even though Bertoia was (and is) somewhat reluctant to have his work summarized while he feels there is still a great deal more of it to come. His cooperation involved spending many long afternoons with me in his studio answering questions and digging through his files to provide information and photographs. It has included reading through my manuscript and correcting factual errors and misinterpretations on my part while refraining from comment on my value judgments. His patience and kindness as well as his enthusiasm for his work provided inspiration for mine.

My work began in Detroit where this study was undertaken as a master's thesis under the direction of Dr. Wayne Andrews, professor of art and art history, Wayne State University, whose courses, "The Artist in American Society," I had been following with interest and benefit. Dr. Andrews has given encouragement and help on many occasions since that time, as has Dr. Bernard Goldman of Wayne State University.

Many persons interested in Harry Bertoia and his work have patiently answered written inquiries or granted personal interviews, for which I am extremely grateful. I have received the cooperation of the art galleries representing Bertoia in New York, Chicago, Cincinnati, and Detroit. Librarians in Detroit and New York have been most helpful, and personal friends in several cities have performed indispensable services

Preface

which have been greatly appreciated. My cheerful and patient husband has always provided me with good counsel when it was needed.

I wish to thank the companies (particularly Northwestern National Life Insurance Company of Minneapolis), museums, and private collectors who have either kindly given permission to publish or supplied photographs for reproduction of works in their possession. Many architects have been generous with their time in checking details, as well as with the photographs lurking in their files.

To all persons, named and unnamed, who have contributed to the production of this volume, go my sincere thanks.

J. K. N. Kinnelon, New Jersey December 1968

Life and Personality

Harry Bertoia was born on March 10, 1915, at San Lorenzo, a village near Udine in northeastern Italy. Except for the fact that some of his antecedents came from Pieve di Cadore, Titian's birthplace, family connections are unknown. However, there were Bertoias who had been artists of one kind or another in northern Italy for centuries. The short-lived Jacopo Zanguidi Bertoja, a celebrated mannerist painter from Parma, was active during Titian's lifetime. Father and son, Guiseppe and Pietro Bertoja were noted scene designers at Venice and elsewhere in Italy during the nineteenth century. And just prior to that, Valentino Bertoja, father of Giuseppe, had been first violoncellist at Venice's Teatro La Fenice.²

As a boy Harry was interested in drawing, art, and artists, and was always listening to family discussions on these subjects. There was also a great deal of interest in music in his immediate family. Both his father Giuseppe Bertola and his brother Oreste had considerable musical talent, although it was used for relaxation and not professionally.

Harry was given his English name at birth by his father, who had already been to Canada and stayed long enough to become a Canadian citizen. He hoped to emigrate to the New World with his entire family, but things did not work out quite the way he planned. Harry attended primary school in Italy, and it was not until he was fifteen that he and his father came to America, then in the first stage of the great depression. Giuseppe Bertoia worked first as a miner in Canada and later as a laborer in Detroit, where the pair went to be near Oreste, who had preceded them to this country. After a few years the elder Bertoia returned to Italy and Harry remained with his brother. He never again saw his father, who died during World War II.

At first Harry had trouble with English. (He still speaks with the trace of an accent, carefully chooses his words, and dislikes lecturing or public speaking.) But after a year of Americanization classes at the Davison School, he entered Cass Technical High School in Detroit, a public school which for the past fifty years has maintained a special program for talented students in the arts and sciences. At Cass Techne had classes in jewelry and handcrafts, as well as in drawing and

Harry Bertoia, Sculptor

painting. Perhaps the most talented art student Cass Tech ever had, he maintained an attitude of seriousness toward his work that was uncommon to his classmates, most of whom were several years his junior. "It was not necessary to tell Harry exactly what to do to a drawing. The teacher could make suggestions and Harry would bring from within himself the solution to the problem," said one of his teachers recently. Upon graduation in 1936 he won a scholarship to the Art School of the Detroit Society of Arts and Crafts, where he studied painting and drawing for a year under John Carroll and Sarkis Sarkisian.

In 1937 another scholarship, awarded on the basis of his work in metalcrafts at Cass Tech, sent him to the Cranbrook Academy of Art in Bloomfield Hills, Michigan, which profoundly affected his career. The unique character of the Cranbrook Academy in the thirties, and the effect it had on all who were privileged to enjoy its atmosphere, cannot be overemphasized. There was no rigid curriculum and consequently no degrees were awarded. There was a small number of students and a great deal of freedom. Studios and shops were accessible at all hours so students and faculty could work whenever they wished to. Cranbrook was a gathering of artists who taught and learned from each other under ideal conditions. Discussions with visiting European artists were common. One with Walter Gropius particularly stands out in Bertoia's memory. Cranbrook was a significant factor in the artistic development of Harry Bertoia, as well as in that of other well-known artists who were there at the time, such as Eero Saarinen and Charles Eames. "The basic thought was simple and good," Bertoia says, "The many artists from Cranbrook now working in their chosen fields demonstrate the worth of the idea."4

Harry entered Cranbrook as a student of painting and drawing. Though he called upon resident-sculptor Carl Milles many times during his stay there—just as he often visited resident-ceramist Maija Grotell—he never attended classes in sculpture. This fact may help account for the experimental freedom with which he has always approached materials and techniques.

In 1939 the architect Eliel Saarinen, father of Eero and director of the Cranbrook Academy of Art, asked Harry to stay on to start a department of metalworking. There was a metal shop in existence at Cranbrook but it had not been used for several years. Harry took on the job, reorganized the shop, and began teaching metalworking techniques to small groups of from five to ten students. Almost immediately all metals except silver became hard to obtain as a result of the war in Europe and priorities in America. Harry became an expert silver craftsman, producing a handsome tea service for Eliel, as well as quantities of unusual abstract jewelry, some of which is owned by his Cranbrook friends and acquaintances, including Pipsan Saarinen Swanson, Eero's sister.