

**[Hammond World Atlas Corporation archive of print records and samples
of printing methods].**

A Finding Aid to the Collection in the Library of Congress



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**Geography & Map Division
Library of Congress
Washington, D.C.
2016**

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<http://hdl.loc.gov/loc.gmd/gmd.contact>

Additional search options available at:

<http://hdl.loc.gov/loc.gmd/eadgmd.gm016001>

LC Online Catalog record:

<http://lcn.loc.gov/2015593057>

Prepared by Ryan Moore

Collection Summary

Title: [Hammond World Atlas Corporation archive of print records and samples of printing methods].

Span Dates: 1900-1999

Call No.: G70.2 coll Hammond

Creator: Hammond Incorporated

Extent: 65 boxes (52 linear ft.)

Language: Collection material in English

Repository: Geography & Map Division, Library of Congress, Washington, D.C.

Abstract: The Hammond World Atlas Corporation archival collection consists of map sculptures, printing separations, and business records (index cards) that document the 100-year publishing history of the company. Hammond was known for its extensive line of world, historical, school, and thematic atlases, but the company also issued a wide variety of other cartographic items, including maps, globes, and transparencies during the last 100 years. It printed numerous other works, primarily for the educational market. In addition to its own imprints, Hammond's cartographic output was included in the encyclopedias, almanacs, dictionaries, religious texts, and textbooks of many other publishers.

Selected Search Terms

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

Organizations

Hammond Incorporated.

Subjects

Cartography--History.

Printing--History.

Form/Genre

Manuscript maps.

Maps.

Administrative Information

Provenance

In December 2002, the collection was donated by the American Map Corporation, part of the Langenscheidt Publishing Group.

Processing History

In 2003, Jim Flatness, of the Geography and Map Division, began to preliminarily process the materials. Later, in 2015, the collection was processed, arranged, and described by Ryan Moore.

Copyright Status

The status of copyright of the [Hammond World Atlas Corporation archive of print records and samples of printing methods] is governed by the Copyright Law of the United States (Title 17, U.S.C.).

Access and Restrictions

The [Hammond World Atlas Corporation archive of print records and samples of printing methods] is open to research. Researchers are advised to contact the Geography & Map Reading Room prior to visiting. Many collections are stored off-site and advance notice is needed to retrieve these items for research use.

Preferred Citation

Researchers wishing to cite this collection should include the following information: Container number, [Hammond World Atlas Corporation archive of print records and samples of printing methods], Geography & Map Division, Library of Congress, Washington, D.C.

Background Note

Founded by Caleb Stillson Hammond in 1900, and formally incorporated in 1901, the company has been known over much of its history as C.S. Hammond & Co. Unlike most map publishing in the United States, which was centered in Chicago at the beginning of the twentieth century, C.S. Hammond began work in New York City, and the company has continued to maintain its headquarters in that area.

In the mid-1980s, Hammond led the industry in the development of a computer-assisted mapmaking system by creating a database that contained the latitude and longitude of all the geographic features on their maps. The proprietary database was further enhanced by patented methods for line-smoothing and name placement and culminated with the publication in 1992 of the first all-digital world atlas, "Hammond's Atlas of the World."

The company was privately owned by the Hammond family until its assets were acquired by Langenscheidt Publishers Inc. in 1999.

Scope and Content Note

Consists of relief models (terrasculptures), samples of book cover prints, negatives, page mock ups, sets of index cards that contain information on print runs, samples of catalogs, and an obituary of C.S. Hammond.

Arrangement of the Collection

The collection is organized in three series

- [Series I](#) Terrasculpture Models
- [Series II](#) Examples of the Print Process
- [Series III](#) Printing Records: Index Cards

Description of Series

Container
BOX 1-50

Series
Terrasculpture Models

Consists of 51 physical relief models called "terrasculptures." Created in the late 1960s by Ernst Hofmann, a long-time head of cartographic design at Hammond, the terrasculptures are thin aluminum sheets which have been manually embossed to simulate the earth's surface in three-dimensional form. By raising the surface of the aluminum sheets to depict elevated features, or depressing the sheets to reflect such features as rivers and sea floor depths, these models accurately represent relief and topography. Color can be applied to the models to reflect the earth's natural vegetation. Hofmann's relief models reveal the artistic skills that are traditionally a major component of mapmaking. Once the relief sculptures were completed, they were photographed to provide the base shaded relief found on the Hammond maps, creating the impression that the relief actually rises from the printed page. Using the same aluminum modeling technique, Hofmann also created an 18-inch diameter globe, called the "terrasphere."

BOX 51

Examples of the Print Process

Within eight folders are samples of materials illustrate and document all the basic elements of map compilation, design, construction and printing. Map artwork contained in the collection includes works drafted using pen and ink, stick-up lettering, and a scribing technique that creates the desired image by removing an opaque coating from a sheet of plastic film. Cartographic design features include examples of line work, symbolization and lettering. The printing of maps and atlases is represented in numerous printing plates, color separations, photographs of original artwork and film negatives. Also included are plates of book covers and catalogs, as well as, an obituary of C.S. Hammond.

Printing Records: Index Cards 1900-1990s

Among the non-cartographic materials in the collection is a file of some 12,000 4-by-6-inch cards that represent part of Hammond's printing history from the early 1900s to the mid-1990s. This is primarily a record of the publications that Hammond produced for other companies. The basic data contained in these records changed over time but usually included such information as the customer's name, type of material printed, and number of copies printed, which could range from a few hundred to hundreds of thousands of copies.

Container List

<i>Container</i>	<i>Contents</i>
BOX 1-50	Terrasculpture Models Consists of 51 physical relief models called "terrasculptures." Created in the late 1960s by Ernst Hofmann, a long-time head of cartographic design at Hammond, the terrasculptures are thin aluminum sheets which have been manually embossed to simulate the earth's surface in three-dimensional form. By raising the surface of the aluminum sheets to depict elevated features, or depressing the sheets to reflect such features as rivers and sea floor depths, these models accurately represent relief and topography. Color can be applied to the models to reflect the earth's natural vegetation. Hofmann's relief models reveal the artistic skills that are traditionally a major component of mapmaking. Once the relief sculptures were completed, they were photographed to provide the base shaded relief found on the Hammond maps, creating the impression that the relief actually rises from the printed page. Using the same aluminum modeling technique, Hofmann also created an 18-inch diameter globe, called the "terrasphere."
BOX 1	Mauritius and Reunion 15 x 13 cm
BOX 2	Honolulu 15 x 13 cm
BOX 3	Cape Verde 15 x 13 cm
BOX 4	Hawaiian Islands 26 x 22 cm
BOX 5	Israel 26 x 22 cm
BOX 6	Samoa and Tahiti 26 x 16 cm
BOX 7	Santiago 15 x 20 cm
BOX 8	Rio de la Plata 23 x 25 cm
BOX 9	Mexico City and Veracruz 23 x 25 cm
BOX 10	West Irian (West New Guinea) 24 x 24 cm
BOX 11	Beijing 18 x 20 cm
BOX 12	Manilla 18 x 20 cm
BOX 13	Mexico City 19 x 20 cm
BOX 14	Tampa-Orlando 24 x 25 cm
BOX 15	Shanghai 18 x 22 cm

Terrasculpture Models

Container

Contents

BOX 16	Witwatersrand, South Africa 18 x 23 cm
BOX 17	Capetown 19 x 21 cm
BOX 18	D.B.W. Layout J 22 x 25 cm
BOX 19	Atlanta 19 x 23 cm
BOX 20	Montreal 24 x 26 cm
BOX 21	Minneapolis 23 x 27 cm
BOX 22	Southeastern Brazil 21 x 29 cm
BOX 23	New Zealand 21 x 26 cm
BOX 24	Houston 26 x 26 cm
BOX 25	Alaska Hawaii inset 21 x 34 cm
BOX 26	Iceland 23 x 26 cm
BOX 27	Galapagos 28 x 33 cm
BOX 28	Cleveland Pittsburgh 21 x 33 cm
BOX 29	Untitled 25 x 34 cm
BOX 30	Toronto Buffalo 23 x 29 cm
BOX 31	Caracas 26 x 31 cm
BOX 32	Dallas Ft. Worth 33 x 41 cm
BOX 33	D.B.W. Layout G (Galilee) 40 x 51 cm
BOX 34	Madagascar 36 x 51 cm
BOX 35	Caribbean 38 x 49 cm
BOX 36	Southern Brazil 39 x 54 cm
BOX 37	Southern India 40 x 53 cm
BOX 38	Upper Danube 32 x 43 cm
BOX 39	Seattle/San Francisco 29 x 35 cm

Terrasculpture Models

Container

Contents

BOX 40	Tokyo Osaka 15 x 23 cm
BOX 41	Central Asia 24 x 30 cm
BOX 42	"South" 42 x 37 cm
BOX 43	Northeast Africa 23 x 34 cm
BOX 44	Spain and Portugal 23 x 35 cm
BOX 45	New Zealand 24 x 25 cm
BOX 46	Central Alps 23 x 33 cm
BOX 47	Northwestern France 20 x 29 cm
BOX 48	Southeast Asia Northern Part 25 x 36 cm
BOX 49	South Asia 25 x 36 cm
BOX 50	OVERSIZE United States OVERSIZE

BOX 51

Examples of the Print Process

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FOLDER 1	The New Peerless Atlas of the World Atlas cover on board
FOLDER 1	The New Era Atlas of the World Atlas cover on board
FOLDER 1	Hammond's Pictorial Atlas of the World Atlas cover on board
FOLDER 1	The People's Atlas with 1920 Census Atlas cover on board
FOLDER 1	Hammond's Commercial and Library Atlas of the World wuth 1910 Census Atlas cover on board
FOLDER 2	Faultlines and Earthquake Map, California Atlas proofs, negatives
FOLDER 2	Northern Japan Ryuku Island proofs, negatives
FOLDER 2	Western Europe proofs, negatives
FOLDER 3	Antarctica Cross Section Original Art
FOLDER 3	Germany Original Art Before WWI, Between Wars, Occupied
FOLDER 3	Switzerland Original Art Language map
FOLDER 4	Terrasculpture Globe Gore proofs, negatives
FOLDER 4	South America proofs, negatives Vegetation relief as used in new format atlases
FOLDER 4	Russia proofs, negatives, sketches
FOLDER 5	General Catalogue 1890s?

Examples of the Print Process

Container

Contents

FOLDER 6	Catalogue to Road Maps
FOLDER 7	Catalogue of Atlases, Maps, Globes, and Geographical Appliances. 1929
FOLDER 8	C.S. Hammond obituary 1929

Printing Records: Index Cards 1900-1990s

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BOX 52-57	Index cards: 1900s-1950s
BOX 58-60	Index cards: 1950s-1960s
BOX 61-62	Index cards: 1960s-1970s
BOX 63	Index cards: 1960s-1990s
BOX 64-65	Index cards: "inactive"