

Yale University Library
Beinecke Rare Book and Manuscript Library

Guide to the Yale University Department of Astronomy Collection of Astronomical Reference Materials

GEN MSS 731



by Beinecke staff

November 2019

P. O. Box 208330
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Collection Overview

REPOSITORY: Beinecke Rare Book and Manuscript Library
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CALL NUMBER: GEN MSS 731

CREATOR: Yale University. Department of Astronomy , collector

TITLE: Yale University Department of Astronomy collection of astronomical reference materials

DATES: 1859-1984

PHYSICAL DESCRIPTION: 70 linear feet (84 boxes) + 27 broadside

LANGUAGE: In English.

SUMMARY: Astronomical reference materials, including star charts, atlases, catalogs, and maps. The collection also includes fourteen manuscript volumes documenting parallaxes, photographs of the moon taken by Lunar Orbiter I, II, and III in the 1960s, and a small amount of material related to Yale's observatory, including records of the Trustees of the Winchester Observatory from 1871.

ONLINE FINDING AID: To cite or bookmark this finding aid, please use the following link: <https://hdl.handle.net/10079/fa/beinecke.astronomy>

Requesting Instructions

To request items from this collection for use in the Beinecke Library reading room, please use the request links in the HTML version of this finding aid, available at <https://hdl.handle.net/10079/fa/beinecke.astronomy>.

To order reproductions from this collection, please send an email with the call number, box number(s), and folder number(s) to beinecke.images@yale.edu.

Key to the container abbreviations used in the PDF finding aid:

b. box

Administrative Information

Immediate Source of Acquisition

Transferred from the Yale University Department of Astronomy, 2010.

Conditions Governing Access

This collection is open for research.

Conditions Governing Use

The Yale University Department of Astronomy Collection of Astronomical Reference Materials is the physical property of the Beinecke Rare Book and Manuscript Library, Yale University. Literary rights, including copyright, belong to the authors or their legal heirs and assigns. For further information, consult the appropriate curator.

Preferred Citation

Yale University Department of Astronomy Collection of Astronomical Reference Materials. General Collection, Beinecke Rare Book and Manuscript Library, Yale University.

Scope and Contents

Astronomical reference materials, including star charts, atlases, catalogs, and maps. The collection also includes fourteen manuscript volumes documenting parallaxes, photographs of the moon taken by Lunar Orbiter I, II, and III in the 1960s, and a small amount of material related to Yale's observatory, including records of the Trustees of the Winchester Observatory from 1871.

Arrangement

Organized into three series: I. Star charts, undated. II. Parallaxes, 1920s-1930s. III. Other materials and photographs, 1859-1984.

Collection Contents

Series I: Star charts, Undated

70 boxes

The Star Charts in this series are arranged by their declination. Declination is comparable to geographic latitude but projected onto the celestial sphere. The arrangement starts with the southern pole star (-90°), works towards the celestial equator (0°) and ends with the northern pole star ($+90^\circ$).

b.1	-25° 2 Folders
b.2	$-25^\circ, -16^\circ$ 2 Folders
b.3	$-25^\circ, -11^\circ$ 2 Folders
b.4	-16° 2 Folders
b.5	-15° 2 Folders
b.6	$-15^\circ, -13^\circ, -11^\circ$ 3 Folders
b.7	-13° 2 Folders
b.8	-11° 2 Folders
b.9	-9°
b.10	-9°
b.11	-9°
b.12	-7° 2 Folders
b.13	-7°
b.14	-7°
b.15	-6°
b.16	-5° 2 Folders
b.17	-5° 2 Folders
b.18	-3° 2 Folders

b. 19	-3°, -1° <i>2 Folders</i>
b. 20	-1°
b. 21	-1°
b. 22	+1°
b. 23	+1° <i>2 Folders</i>
b. 24	+3°
b. 25	+3°, +4°, +5° <i>3 Folders</i>
b. 26	+3°, +7° <i>2 Folders</i>
b. 27	+5°
b. 28	+5°
b. 29	+5°, +7° <i>2 Folders</i>
b. 30	+7°
b. 31	+7°
b. 32	+9°
b. 33	+9°
b. 34	+9°
b. 35	+11° <i>2 Folders</i>
b. 36	+12° <i>2 Folders</i>
b. 37	+12° <i>2 Folders</i>
b. 38	+14°
b. 39	+14°
b. 40	+14°
b. 41	+16°
b. 42	+16°
b. 43	+16° <i>2 Folders</i>

b. 44	+18°
b. 45	+18°
b. 46	+18°
b. 47	+20°
b. 48	+20°
b. 49	+20°
b. 50	+22°
b. 51	+22° <i>2 Folders</i>
b. 52	+22°, +24° <i>2 Folders</i>
b. 53	+22°, +33° <i>2 Folders</i>
b. 54	+24°, +33° <i>2 Folders</i>
b. 55	+24°, +33° <i>2 Folders</i>
b. 56	+35°
b. 57	+35°
b. 58	+37°
b. 59	+37°
b. 60	+39°
b. 61	+39°
b. 62	+55° <i>2 Folders</i>
b. 63	+55°, +56° <i>2 Folders</i>
b. 64	+57°
b. 65	+57°
b. 66	+59°
b. 67	+59°
b. 68	+61° <i>2 Folders</i>

b. 69 +63°
 2 *Folders*
 These folders also contain loose notes.

b. 70 +63°

Series II: Parallaxes, 1920s-1930s*4 boxes*

This series consists of bound manuscript astronomical parallaxes. A parallax is an apparent displacement or difference in the position of an object viewed along two different lines of sight.

Arranged in numerical order by volume number.

b. 71	Parallaxes, volumes 1-4 This box contains four volumes: Volume 1 contains parallaxes 1 through 98. Volume 2 contains parallaxes 99 through 209. Volume 3 contains parallaxes 210 through 305, and Volume 4 contains parallaxes 305 through 399.	1920s-1930s
b. 72	Parallaxes, volumes 5-8 This box contains four volumes: Volume 5 contains parallaxes 400 through 475. Volume 6 contains parallaxes 476 through 571. Volume 7 contains parallaxes 572 through 661, and Volume 8 contains parallaxes 662 through 757.	1920s-1930s
b. 73	Parallaxes, volumes 9-12 This box contains four volumes: Volume 9 contains parallaxes 758 through 851. Volume 10 contains parallaxes 852 through 947. Volume 11 contains parallaxes 948 through 1048, and Volume 12 contains parallaxes 1049 through 1144.	1920s-1930s
b. 74	Parallaxes, volumes 13-14 This box contains two volumes: Volume 13 contains parallaxes 1145 through 1227, and Volume 14 contains parallaxes 1228 through 1323.	1920s-1930s

Series III: Other materials and photographs, 1859-1984*11 boxes 27 broadsides*

This series consists of material pertaining to the work of Yale's observatory, which was called the Winchester Observatory until 1920; reference materials; maps and photographs of the moon including those taken by NASA's Lunar Orbiters in the 1960s; and star charts produced by the Bonner Durchmusterung and Cordoba Durchmusterung projects in the late nineteenth through early twentieth century.

b. 74	Typed index to interleaved B.D. catalogues	1920s-1930s
b. 74	<i>Astronomische Beobachtungen auf der Sternwarte</i> , by Dr. Friedrich Wilhelm August Argelander., -2° bis +19°	1859
b. 74	<i>Astronomische Beobachtungen auf der Sternwarte</i> , by Dr. Friedrich Wilhelm August Argelander., +41° bis +90°	1862
b. 74	<i>Astronomische Beobachtungen auf der Sternwarte</i> , by Dr. Friedrich Wilhelm August Argelander., -2° bis +23°	1886
b. 75	<i>Astronomische Beobachtungen auf der Sternwarte</i> , by Dr. Friedrich Wilhelm August Argelander.	1861
b. 76	Selected areas proper motions. Correspondence:- Dr. P.U. van Ryhn, Groningen.	
b. 76	Yale University Observatory Register	1901
b. 77	Trustees of the Winchester Observatory. Records	1871
b. 78	Lick Moon Photo, 2-19.	
b. 79	Asteroid Observing Book – N.H. Field Plates	1936 May – 1939 March
b. 79	Roy, Arthur J. – Yale Index to Star Catalogues , list of omissions	circa 1919
b. 79	Yale College Observatory, Indexes for Foreign and Domestic Observatory Libraries, Directors, etc.	1882
b. 79	Yale College Observatory, Thermometric Bureau Index, Book no. 60	1896 August – 1897 September
b. 80 (Oversize)	Accession Catalog	
b. 80 (Oversize)	Transit of Venus in 1874. Atlas to Part II.	
b. 81 (Oversize)	Lunar Maps (contact prints) <i>2 Folders</i>	
b. 82 (Oversize)	Lunar Orbiter I, II, III Photographs <i>4 Folders</i> See Also: Box 85 (Broadside).	1966
b. 83 (Oversize)	<i>Atlas der Himmelszone zwischen 1° und 23° Sublicher Declination</i> ; Schonenfeld, p. 41-64	1951
b. 83 (Oversize)	Vehrenberg Atlas Stellarum 1950.0	1970

b. 84 (Oversize)	Stern-Atlas charts 1-27 4 Folders	1925
b. 85 (Broadside)	Lunar Orbiter I, II, III Photographs	1966
b. 86 (Broadside)	Astrocharts Unlimited - Barry N. Rappaport	1984
b. 87 (Broadside)	Astrocharts Unlimited - Barry N. Rappaport	1984
b. 88 (Broadside)	Astrocharts Unlimited - Barry N. Rappaport	1984
b. 89 (Broadside)	Astrocharts Unlimited - Barry N. Rappaport	1984
b. 90 (Broadside)	<i>Atlas des Nördlichen Gestirnten Himmels</i> - Bonn, 1855	1855
	Bonner Durchmusterung (Bonn Sampling) Star Charts	circa 1898
b. 91 (Broadside)	BD 1-3	circa 1898
b. 92 (Broadside)	BD 4-6	circa 1898
b. 93 (Broadside)	BD 7-9	circa 1898
b. 94 (Broadside)	BD 10-12	circa 1898
b. 95 (Broadside)	BD 13-15	circa 1898
b. 96 (Broadside)	BD 16-18	circa 1898
b. 97 (Broadside)	BD 19-21	circa 1898
b. 98 (Broadside)	BD 22-24	circa 1898
b. 99 (Broadside)	BD 25-27	circa 1898
b. 100 (Broadside)	BD 28-30	circa 1898
b. 101 (Broadside)	BD 31-33	circa 1898
b. 102 (Broadside)	BD 34-36	circa 1898
b. 103 (Broadside)	BD 37-38	circa 1898
b. 104 (Broadside)	BD 39-40	circa 1898
b. 105 (Broadside)	<i>Córdoba Durchmusterung Mapas</i>	1893
b. 106 (Broadside)	<i>Córdoba Durchmusterung Mapas</i>	1893
b. 107 (Broadside)	<i>Zonas de Exploración Cielo Austral, Cordoba</i>	1929

Córdoba Durchmusterung (Córdoba Sampling) Star Charts

b. 108
(Broadside)

CD 1-3

b. 109
(Broadside)

CD 4-6

b. 110
(Broadside)

CD 7-9

b. 111
(Broadside)

CD 10-12

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.

Subjects

Astronomical observatories
Astronomy
Stars