

PARKER LIBRARY STEWARD OBSERVATORY (PLSO)

Guide to the Library Collection

The Collection

A. Collections

PLSO is a working collection located in Steward Observatory (SO) at the University of Arizona. The collection includes frequently used and special materials in the fields of astronomy, astrophysics, and cosmology. Special materials include catalogs, charts, media, and archival materials. The Parker Library's main collection is in the Reading Room--N304, catalogs and charts are in the Chart Room--N334B, and archival materials are in the library office--N304A.

Purpose of Parker Library Steward Observatory (PLSO) Collection is to

- support the astronomy curriculum
- support the scientist in his/her astronomical research
- provide relevant information for the development of new instrumentation
- provide relevant information for maintenance of telescopes
- maintain a small collection of books and journals at the telescopes
- provide information as needed to administrative staff in the department and observatory

For a complete view of our holdings, look in the UA Libraries online catalog at <http://www.library.arizona.edu> .

1. Books

- a. Existing books are shelved using the Library of Congress (LC) classification system. See Section C below for the [Library of Congress \(LC\) Classification Schedule](#): Brief Outline of the Sciences.
- b. New and other books may be checked out. See [PLSO Guide to Library Services](#) for details.
- c. New books are displayed on Reserve/Class Reserve shelving unit for several weeks before being shelved in the stacks.

2. Journals

- a. The latest issues of the journal subscriptions are shelved on the current periodical display shelving. To find out what current issues have been received, look at the log sheets on the display shelving or library web page at:
https://www.as.arizona.edu/parkerlibrary/Serials_Received.html
- b. Older issues and bound volumes are shelved in the journal area of the Chart Room by call number.
- c. IAU Circulars are housed in the card files in the Chart Room.

3. Observatory Publications

- a. Publications by other observatories and institutions are shelved in the observatory publication section of the Chart Room.
- b. They are cataloged with LC classification numbers.

B. Special Collections

1. Charts and Media

- a. Catalogs and charts are primarily housed in the Chart Room or in the Reference section of the Reading Room.
- b. CD/DVDs are located on a shelving unit in the Reference section of the Reading Room or in Archives. CD/DVDs accompanying books or journals are kept with the item.
- c. Microfiche are located in Archives. Microfiche accompanying books or journals are kept with the item.

2. Preprints

SO preprints are in the archives section in the library office. Table of Contents appear in the front of each bound volume. A Preprints index is being prepared for the PLSO web page.

3. Archives

- a. Archives include old books, SO preprints and other publications, old users' manuals to telescope instrumentation, microfiche catalogs, historical CD/DVDs, and a newspaper clippings file on SO activities.
- b. Archives are located in the library office--N304A.

4. Ephemeral Shelf

- a. Materials of short-lived interest are housed on the Reserve shelving unit in the Reading Room.
- b. Ephemeral materials include: publisher catalogs, conference/workshop notices, fellowships, grant announcements, job announcements, various periodical issues (non-subscription), maps, and information about other observatories, graduate schools, telescopes, etc.

C. Library of Congress (LC) Classification Schedule: Brief Outline of the Sciences:

Q	General Science
QA	Mathematics and Computer Science
QB	Astronomy
1	Periodicals
4	Observatory Publications
80-100	Astronomical Instruments
460	Astrophysics
470-79	Infrared, Gamma Ray, X-Ray, Ultraviolet, & Radio Astronomy
500	Solar System
600	Planets
700	Comets, Meteors, etc.
790	Interstellar Matter
800	Stars
821	Binary Stars
843	Clusters and Nebulae
856-59	Galaxies
860	Quasars
900	Cosmology
QC	Physics

D. Catalogs

1. PLSO Catalog.

The PLSO catalog contains entries for all materials in the PLSO collections. It is incorporated into the UA Libraries online catalog.

a. Online catalog is located: <http://www.library.arizona.edu>

b. PLSO location areas in the UA Libraries catalog:

Archives Chart Room Observatory Publications Reading Room Reference

E. Acquisitions

1. Selection of Materials.

PLSO personnel primarily do selection of materials along with PLSO library supervisor and other staff recommendations. The selection criterion is to acquire resources relevant to the needs of current SO scientific projects and curriculum.

2. Acquisition List.

A quarterly acquisition list is posted on a display stand in the Reading Room and on the PLSO web page:

https://www.as.arizona.edu/parkerlibrary/Acquisitions_Latest%20Quarter.html

F. Staffing

1. Staff.

PLSO is maintained by a 30% library staff member.

2. Supervision.

A SO faculty member supervises PLSO staff.

Last updated 11/2015