Guide to the Library Collection

I) COLLECTIONS.

The purpose of this guide is to familiarize you with LPL library’s reading room and ready-reference holdings.

The LPL Library was established by Gerard P. Kuiper in 1962 as a collection serving the faculty, staff, and graduate students. The LPL Library contains books, periodicals, maps, technical & observatory reports, CD/DVDs, and reference materials related to the fields of astronomy, chemistry, geology, mathematics, physics, atmospheric sciences, and allied disciplines to support research and teaching in the planetary sciences primarily at the graduate level.

The LPL Library’s main collection is in the Space Science Building (Kuiper) -- Room 409 with a small collection in the Sonett Building – Room 111.

For a complete view of holdings, look in the LPL online catalog at:

http://opac.libraryworld.com/opac/home.php

A) Journals & Observatory Reports.

1) 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 on the library web page at:

https://www.lpl.arizona.edu/library/serials-received

2) All issues for the current year are on the small shelving units next to the display shelving units. The current year and latest received issues may be checked out overnight.

3) Older issues and bound volumes are shelved in the room by alphabetical order.

4) Observatory reports are arranged by Call # either in the reading room’s collection or in storage. Check online catalog for holdings and locations.

B) Books.

1) Existing books are shelved using the Library of Congress (LC) classification system. See Appendix below for the Library of Congress (LC) Classification Schedule: Brief Outline of the Sciences.

2) New and other books may be checked out. See LPL Guide to Library Circulation Procedures for details on eligible borrowers, check-out procedures, etc.

3) New books are displayed on the Ephemeral and Information Materials shelving unit in the Reference area. The books are displayed for several weeks before being shelved in the stacks.

C) Reference & Class Reserve.

1) All materials are arranged according to the LC classification system and are located on the left of the library entrance.

2) Materials include indexes, abstracts, dictionaries, glossaries, encyclopedias, directories, bibliographies, style manuals, and other quick reference items. Any journal annual indexes are shelved with the appropriate title.

3) Class reserved materials are on the last shelving unit in Reference.
D) Special Collections.

1) Dissertations.
   Bound copies are located in Reference. Links to electronic copies are included in the LPL Library’s online catalog.

2) Maps & Atlases.
   a) Earth, planets, and stars books are in the cabinets at the east end of the library. The Bonner Durchmusterung charts are stored next to these cabinets.
   b) U.S., world atlases, local road maps are to the right of the entrance in the dictionary stand.
   c) Topographic maps, primarily of Arizona and the Southwest, are located in Kuiper Room 101.

3) Information & Ephemeral Materials.
   a) Materials of short-lived interest and guides to the LPL Library are housed on this shelving unit in the Reference area.
   b) Ephemeral materials include: publisher catalogs, various periodical issues (non-subscription), U of AZ information, other observatories, graduate schools, etc.
   c) An LPL clippings file is located here, also.

4) Media.
   a) CD/DVDs are housed in binders and located on the Information & Ephemeral Materials shelving unit.
   b) CD/DVDs accompanying books are kept with the item.
   c) Microfiche are located here, also. Microfiche accompanying books or journals are kept with the item.

5) Preprints.
   LPL preprints are in the Reference section. Table of Contents appear in the front of each bound volume. Preprints are indexed on the LPL Publications web page:
   https://www.lpl.arizona.edu/research/publications

6) Space Imagery Center (SIC).
   The SIC is located in Kuiper Room 450 and contains over 500,000 planet, satellite, and space images as well as cartographic products produced from this imagery. LPL Library catalog provides access to many SIC books, CD/DVDs, and videotapes.

II) CATALOGS.

A) LPL Library Catalog.
   1) The LPL Library catalog contains entries for all materials in the collections.
   2) The catalog is located:
      http://opac.libraryworld.com/opac/home.php
   3) LPL Library location codes in the catalog:
      Archives  Atlas  CD/DVD  Folio/Oversize  Journal  LPL  Reference  SIC  SON  Theses

B) U of AZ Main Libraries Catalog is located:
   http://new.library.arizona.edu/
III) ACQUISITIONS.

A) Selection of Materials.
   1) LPL Library personnel primarily do the selection of materials along with the Library Committee. The LPL Library Committee welcomes suggestions from you regarding new title purchases. Please contact the librarian with your recommendations. The selection criterion is to acquire resources relevant to the needs of current LPL scientific projects and curriculum.
   2) Materials are purchased on a quarterly schedule: February – May – August – November.

B) Acquisitions List.
   A quarterly acquisition list is posted on the Information and Ephemeral Materials shelving unit located in the Reference section. The list is also posted on the LPL Library web page:
   https://www.lpl.arizona.edu/library/acquisitions

C) Interlibrary Loan (ILL).
   LPL faculty, staff, and graduate students have borrowing privileges at the libraries of KPNO, Steward Observatory, Planetary Sciences Institute, and Geosciences Department. Items not available at any of these libraries and the U of AZ Main Libraries System may make a request through ILL at their web page: http://new.library.arizona.edu/request/interlibrary-loan

IV) STAFFING.
   LPL Library is maintained by a 30% library staff member. The head of the LPL Library Committee supervises the staff.
## Library of Congress (LC) Classification Schedule: Brief Outline of Pertinent Sections

### E – F History

### G Geography and Maps

### Q General Science

### QA Mathematics and Computer Science

- **1-60** General and Tables
- **70** Computers
- **290-400** Analysis
- **800-900** Analytical Mechanics

### QB Astronomy

- **1-4** Periodicals and Observatory Reports
- **43-45** Textbooks
- **80-100** Astronomical Observatories and Instruments
- **300-455** Geodesy, Celestial Mechanics, and Astrogeology
- **460** Astrophysics
- **470** Infrared, Gamma Ray, X-Ray, Ultraviolet, and Radio Astronomy
- **500** Solar System
- **600** Planets
- **700-785** Comets, Meteors, and Small Bodies
- **790** Interstellar Matter
- **800** Stars
- **900** Cosmology

### QC Physics

- **170-200** Atomic Physics and Properties of Matter
- **250-320** Thermodynamics
- **350-460** Optics, Lights, and Spectroscopy
- **500-760** Electricity and Magnetism
- **850-900** Meteorology and Climatology

### QD Chemistry

- **450-800** Physical and Theoretical Chemistry

### QE Geology

- **1-350** General
- **350-400** Mineralogy
- **500-640** Dynamics and Structural Geology
- **700-900** Paleontology

### QH Natural History (General)

- **300-700** Biology

###QL Zoology

###QP Physiology

###QR Microbiology

### T Technology and Engineering