



## MAPS AND ATLASES IN THE CAL POLY POMONA UNIVERSITY LIBRARY

### INTRODUCTION TO THE COLLECTION

**MAPS:** A '*map*' is any graphic representation of an area in two dimensions. Although almost any characteristic of the land or its inhabitants can be depicted, the most common features are political divisions, transportation routes, and topographic features. The Cal Poly Pomona map collection contains a wide variety of useful information in map format.

**ATLASES:** Call numbers for atlases are obtained by using the Library Catalog. Books that contain maps may be in any part of the collection. A broad search for a particular geographic location would be a **KEYWORD** search using the **terms** "and (map\* or atlas\*)":

- **mexico and (map\* or atlas\*)**
- **riverside and (map\* or atlas\*)**

**Note** that these are extremely broad searches and may retrieve a lot of irrelevant material.

### LOCATION AND CIRCULATION OF ATLASES AND MAPS

Maps, atlases and globes are located on the West Side of the Sixth Floor and are part of the sixth floor **Reference Collection**. Those atlases with the superscript ATLAS above the call number do not circulate while older editions of atlases may be checked out at the circulation desk on the fourth floor of the library.

Paper sheet maps are located in the metal cabinets grouped together along the west wall of the sixth floor. Folded maps are kept in boxes found on top of the metal cabinets.

Maps and non-circulating atlases generally do not circulate. However, if you need to check out any of these items, please consult with the person at the reference desk.



Above: ABRAHAM ORTELIUS. "Americae sive Novi Orbis, Nova Descriptio." (Map of the new world) from *Theatrum Orbis Terrarum*. Antwerp, 1570.

## DEFINITIONS OF TERMS USED TO DESCRIBE MAPS AND ATLASES

- CHART:** A map designed for navigation. Aeronautical charts are used for air navigation, while nautical charts are used on navigable waters.
- CONTOUR LINES:** Lines on a map joining points having equal elevation or depth.
- LATITUDE:** The distance north or south from the equator along parallel lines encircling the earth. Latitude is expressed in degrees, and perhaps also minutes and seconds. For example, the latitude of Pomona is 34 04' N.
- LEGEND:** A list or table printed in the margin of a map explaining the symbols and print styles used on the face of the map.
- LONGITUDE:** An imaginary great circle on the surface of the earth passing through the north and south poles at right angles to the equator. Longitude is expressed in degrees, and perhaps also in minutes and second. For example, the longitude of Pomona is 117 45' W.
- MERIDIAN:** A great circle on the Earth's surface passing through both poles at any given place.
- QUADRANGLE MAP:** One that depicts four-sided areas bounded on the east and west by meridians of longitude, and on the north and south by parallels of latitude. Each 'square' is a quadrangle.
- RELIEF MAP:** One showing variations in height or depth on the Earth's surface--such as mountains, valleys, water courses, roads or buildings--by graphic methods including contours, hill shading, and altitude tints.
- SCALE:** The ratio between distances on a map and the same distances on the ground. It may be given as a numerical ratio or by bars marked in feet, miles or kilometers. Here are some standard scales:
- |                |             |                         |
|----------------|-------------|-------------------------|
| 7.5 minutes    | 1:24,000    | 1 inch = 2000 feet      |
| 15 minutes     | 1:62,500    | 1 inch = about one mile |
| 1 x 2 degree   | 1:250,000   | 1 inch = about 4 miles  |
| 12 x 18 degree | 1:2,500,000 | 1 inch = about 40 miles |
- TOPOGRAPHIC:** These are maps showing the elevation of the land, as portrayed by contours, and related information such as flora, waterways, roads, and buildings. Most topographic maps cover one or more quadrangles.
- USGS:** The **United States Geological Survey**, maker and publisher of fine maps including the USGS topographic map series.

# CONTENTS OF THE CAL POLY POMONA MAP COLLECTION

## FLAT MAPS IN THE DRAWERS OF THE MAP CABINETS:

### WORLD:

World Map Group 1:250 000 (oversize)  
Maps of Countries Group  
Historical Maps  
Maps from the National Geographic magazine 1950 – current  
Oceans – Small Scale Maps  
Special collection of maps in Spanish – Mexico and Central America

### UNITED STATES:

Earthquake Faults  
Ethnic Groups  
Geologic, Tectonic, Basement Rock maps  
Physiographic Features  
National Parks, Monuments, etc.  
Economic/Socio/Political Information  
Topographic, USGS, 1:250 000 Group  
Topographic Maps of Western States, USGS, 1:24 000  
Arizona – Mexico Border Air Photo Series, 1:25 000  
USGA/DMA 1:50 000 – 15 Min Maps

### CALIFORNIA:

Census Tracts - 1970, 1980, 1990  
California Topographic, USGS, Metric 1:100 000  
California Topographic, USGS, Metric 1:25 000  
Topographic Maps, USGS, 1:24 000  
California Rivers  
Surface Management & Minerals Management, by quadrangle  
Pacific Coast Ecological Inventory  
7.5 Minute series – Orthophotoquad maps of California

### GREATER LOS ANGELES AREA:

Street, Aero photo maps, points of interest, boundaries, and recreation  
Economic/Business information  
Socio/Political Information  
Ethnic Groups

### SAN DIEGO AREA

### SAN FRANCISCO/SACRAMENTO AREA

### RAISED RELIEF MAPS:

California 1:250 000  
Grand Canyon 1:250 000  
Hawaiian Islands 1:250 000

**CATALOGED MAP SETS** – American Revolution, 1775-1783; Declassified D-Day battle map; Fault activity map of California and adjacent areas

### BOXED MAP COLLECTION

Folded road maps for Southern California, the U.S. states, and selected world cities and regions of interest to travelers: [In boxes numbers **1 – 17**]

USGS Geologic Investigations Series: [In boxes numbers **A-1** and **A-2**]  
California Division of Mines and Geology: [In boxes numbered **B** through **H**]

## OTHER TYPES OF MAPS AND MAP RESOURCES

**Local Street Maps:** Thomas Guide (*ZIP code* editions) "*Street Guides and Directories*" for

- Los Angeles County Ref Desk G1528.L6 T55 2007
- Orange County Ref Desk G1528.O7 O73 2007
- Riverside County Ref Desk G1528.R5 T52 2007
- San Bernardino Ref Desk G1528.S23 S35 2007
- San Diego County Ref Desk G1528.S24 S35 2007
- Santa Barbara/San Luis Obispo & Ventura Counties Ref Desk G1528.S3 S26 2007

are located at the sixth floor **Reference Desk** (older editions are in the circulating collection, **Atlas/6th floor**).

- *Community sourcebook of ZIP code demographics* Ref Table 2 HA203 .S66 2005

You can also determine **ZIP codes** for particular addresses at the following website:

*United States Postal Service - ZIP + 4 Lookup* <http://zip4.usps.com/zip4/welcome.jsp>

### Census Tract Information for 1990 and 2000:

- 1990 Census of Population and Housing Ref Desk HA201 1990c no.6
- U.S. Census Bureau Guide to Census Tract Resources <http://www.census.gov/geo/www/tractez.html>

### Maps for purchase at the Bronco Bookstore:

- **Topographic map** for the San Dimas Quadrangle (the Quadrangle that contains most of Cal Poly) for sale in their textbook section, and
- **Blank Outline Maps** for the world and the individual continents.

### Other Resources:

- Pasadena Map Company 2569 E. Colorado Blvd Pasadena CA 91107 (626) 795-3626.
- Stores that support outdoor activities such as backpacking and mountain biking (REI, Sports Chalet. etc.) often stock topographic maps of local areas suitable for these activities. The *USGS Business Partner Program* (<http://rockyweb.cr.usgs.gov/acis-bin/choosebylocation.pl?statechoice=none>) is intended to help you find retail dealers of their products.

### Freely available, printable Blank Maps from:

- Outline Maps <http://www.eduplace.com/ss/maps/>
- About.com Free Blank Outline Maps Countries/Continents  
<http://geography.about.com/library/blank/blxindex.htm?once=true&>

**Campus Maps** are available on the Campus website:

- Driving Directions to Cal Poly Pomona <http://www.csupomona.edu/map/campus/location.shtml>
- **Map Central** for detailed Campus Maps <http://www.csupomona.edu/map/>

Additionally, many mapping and yellow pages websites will construct a map (along with driving directions) for a particular target address or business:

- Mapquest <http://www.mapquest.com/>
- Superpages.com <http://www.superpages.com/>

**Maps on the web:** Cal Poly's Library **Websites by Subject** site for **Maps** will lead you to many more maps on the web. <http://www.csupomona.edu/~library/websites/maps.html>

**NOTE:** The Library has no facilities for oversize or color photocopying.