

## FINDING STUFF

### Star Names

See: <http://www.ras.ualgary.ca/~gibson/starnames/> and <http://simbad.u-strasbg.fr/simbad/> (SIMBAD)

“**Arabic Names**”: Antares, Aldebaran, Sirius, Canopus. ....

*Designations with genitive name of constellation:*

Scorpius→Scorpii, Taurus→Tauri, Canis Major→Canis Majoris, etc.

**Flamsteed Designations:** 21 Sco, 87 Tau., 9 CMa, ???

**Bayer Designations:**  $\alpha$  Sco,  $\alpha$  Tau,  $\alpha$  CMa,  $\alpha$  Car

(NOTE:  $\alpha$  is sometimes listed as “alpha” but shortened to “alf”!)

Planetarium Software: <http://astro.nineplanets.org/astrosoftware.html>

*Catalog Numbers*

**Henry Draper Numbers:** HD 148487, HD 29139, HD 48915, HD 45348

**SAO Numbers:** SAO 184415, SAO 94027, SAO 151881, SAO 234480

**Variable Star Numbers**

R, S, T, U, V, W, X, Y, Z, A, B, C, D, ....RR, RS, RT, ....RA, RB, RC, ....SA, SB, ...AA, AB, V# Const.

Examples: RR Lyrae, SS Cyg, V1016 Cyg, T Tau

## Coordinates:

Right Ascension & Declination (RA and DEC or  $\alpha$  and  $\delta$ )

Ecliptic - Longitude & Latitude -  $\lambda$  and  $\beta$

Galactic - Longitude & Latitude -  $l^{\text{II}}$  and  $b^{\text{II}}$

Coordinate Conversion & Finding Things: <http://www.roman-britain.org/astronomy/astro.htm#>

Is it up? Find out with StarAlt: <http://www.ing.iac.es/ds/staralt/index.php>

## Solar System Objects

<http://ssd.jpl.nasa.gov/?horizons> NASA's Horizons system – I use this one extensively for planning observations...

Secchi Yoshida's website <http://www.aerith.net/index.html> is used even by professional astronomers who study comets.

## Lots of Stuff:

<http://www.seds.org/> especially go to External Links > Links

## Publications: ADS and SIMBAD: Astronomers can't survive without these!

<http://adswww.harvard.edu/> NASA's Astrophysics Data System (ADS) particularly [http://adsabs.harvard.edu/abstract\\_service.html](http://adsabs.harvard.edu/abstract_service.html) and <http://simbad.u-strasbg.fr/simbad/> (SIMBAD again)