



# ASTRONOMICAL LEAGUE

A FEDERATION OF ASTRONOMICAL SOCIETIES  
A NON-PROFIT ORGANIZATION

- ★ *To promote the science of astronomy;*
- ★ *By fostering astronomical education;*
- ★ *By providing incentives for astronomical observation and research;*
- ★ *By assisting communication among amateur astronomical societies.*

## ASTRO NOTES

Produced by the Astronomical League

### Note 20: Index

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| 1. Polar Alignment in the Field                 | Two techniques to polar align before you begin observing.                |
| 2. Astronomical League Services                 | A list of the services available to you with your League membership.     |
| 3. Observing Data Sheet                         | A template for a form you can use to record your observations.           |
| 4. Astronomical League History and Organization | Background information on the League.                                    |
| 5. Astronomical League Membership and Benefits  | The membership categories and benefits of each.                          |
| 6. Club Constitution or Bylaws                  | Basic information on writing your own guiding documents.                 |
| 7. Astronomical Pronunciation Guide - I         | How to pronounce the names of constellations and bright stars.           |
| 8. Winter Star Watching Project - Pleiades      | Participate in a project to measure the effects of light pollution.      |
| 9. Tax Exempt Status                            | Basic information to making your organization non-profit and tax exempt. |
| 10. What Time Is It?                            | Different ways that time is measured in astronomy.                       |

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| 11. Celestial Coordinate Systems                                | The various ways that an object's position in the sky can be stated.  |
| 12. Observing Programs of the Astronomical League – I           | Part 1 of list of the deep sky observing awards of the League and the qualifications for achieving each.                                |
| 13. Using Setting Circles                                       | How to find objects in the sky using setting circles.   |
| 14. Astronomical Pronunciation Guide - II                       | How to pronounce the names of the planets, their satellites and prominent surface features.   |
| 15. Accurate Polar Alignment                                    | Two techniques to accurately align your equatorial mounting for astrophotography.   |
| 16. Astrophotography I - Star Trails                            | How to take star trail and constellation photographs with an unguided camera.   |
| 17. Astrophotography II - Projection Systems                    | Projection systems to obtain a larger image scale for lunar, planetary and other narrow field astrophotography.                         |
| 18. Basic Astronomical Data                                     | Quick reference guide to the solar system, nearest stars, the Milky Way, and other embarrassing questions that come up at star parties. |
| 19. So, You Want to Buy a Telescope?                            | A ready answer for those queries around Christmas or at Astronomy Day.  |
| 20. Index and Order Form  | This index to Astro Notes issued so far.  |
| 21. Organizing an Astronomy Club                                | Basic information on getting a new club started.  |
| 22. Preparing and Presenting a Paper                            | Tips on presenting a paper at your local club, regional or national conventions.  |
| 23. Reporting a Discovery                                       | How to properly report that new comet or supernova.   |
| 24. Professional Astronomer                                     | Think you want to turn pro? Here are some tips.   |
| 25. Observing Programs of the Astronomical League - II          | List of solar system observing awards of the League and the qualifications for achieving each.  |
| 26. Fund Raising  | Some steps to take to insure success in raising funds for your organization. Includes a sample letter.                                  |
| 27. Observing Variable Stars – Beta Lyrae                       | An exercise in observing variable stars, specifically Beta Lyrae.   |
| 28. Observing Programs of the Astronomical League - III         | Part 2 of list of the deep sky observing awards of the League and the qualifications for achieving each.                                |
| 29. Award Programs of the Astronomical League – Activity Awards | List of activity based awards of the League.  |

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