

Summer 2024 'Strolling Astronomer' Now Available

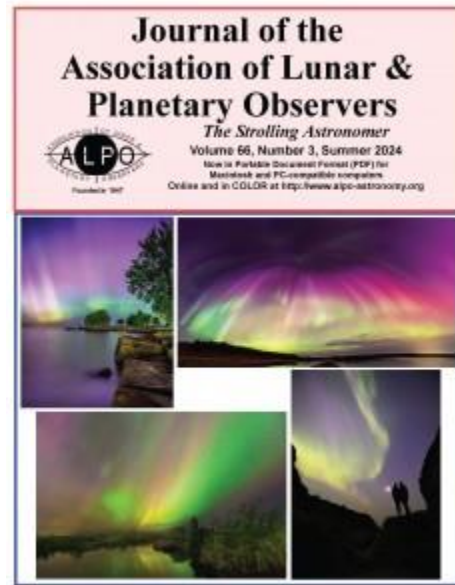
June 26 —The digital version of the summer issue of the quarterly Journal of the Assn of Lunar & Planetary Observers is now available for downloading to all paid-up members and various research institutions. Those wishing to join the ALPO should note that an annual membership starts at only \$22. Contact Membership Secretary Matthew Will at matthew.will@att.net for complete details.

Abbreviated as "DJALPO66-3"; this issue includes the following:

- In our *Point of View* opinion column, Journal Editor Shawn Dilles offers his thoughts on how the ALPO seems lucky to see new contributors as others back away after many years of contributing. Yep, we're always on the lookout for new contributors.
- A roundup of general interest news, including important updates about several of our observing sections, news about the upcoming summer ALPO conference and more.
- A look back at selected goings-on in *The Strolling Astronomer* 75, 50 and 25 years ago as presented by Carl Hergenrother.
- Solar Section Coordinator Rik Hill provides the latest Carrington Rotation Report, this time, it's rotations 2276 thru 2279. Among the conclusions is while there are some indications that this cycle may be reaching a climax in this calendar year, other data seems to suggest a "double-humped maximum" like we saw in cycles 24 and 23. We'll see.
- From Theo Ramakers, an extremely detailed analysis of the first four years of Solar Cycle 25, where he compares three different solar activity criteria between Cycle 24 and Cycle 25.
- From Mercury Section Coordinator Frank Melillo, a report on the various appearances of his planet in 2022.
- A paper by new contributor Dr. Oleksiy Arkhypov about sunlight forward scattering by the global dust envelope of the Moon causing a rare and forgotten phenomenon of an "Annular Moon."
- Two very interesting explanations about the hook-like shadow that occasionally appears on the floor of the lunar crater Plato — one by our Lunar Domes Studies Program Coordinator Raffaello Lena and another report by observer K.C. Pau.
- From our Mars Section Photometry Coordinator Richard Schmude, a report on Photometric Brightness Measurements of the red planet in 2022-2023.
- From our Remote Planets Section Coordinator (also Richard Schmude), a summary of the various reports he's received about our far-out solar system neighbors during 2022-2023.
- A directory of who's who and what's what of all things ALPO in the "ALPO Resources" section.

These reports and those who produce and contribute to them are what make our organization so vital to observational solar system astronomy. We are extremely proud of the work they do.

Use the various e-mail addresses and hyperlinks (in blue text) throughout this issue to instantly e-mail authors and ALPO staff members. The Table of Contents is also hyperlinked to make it easy to jump directly to a desired article.



The digital version of JALPO is published as a PDF and can be read using the free Adobe Reader (Version 7.0 or higher) utility available at www.adobe.com. Earlier digital issues of our Journal can be accessed [here](#).

The ALPO thanks the following for their continued support of the ALPO:

- **Sky & Telescope** magazine (and its owner, the American Astronomical Society); Sky & Tel has maintained its outside back cover ad on the Journal without fail since 1960 and we look forward to many more years of this.
- **Celestron** Telescopes
- The makers of both the **Catseye Collimation System** and **Catsperch** Observing Chairs

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