



# Monthly Notices of the Everglades Astronomical Society



Naples, FL  
March 2019

**Officers: President:** Denise Sabatini     **Treasurer:** Victor Farris  
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**Fak Coordinator** & information on viewing: Mike Usher

**Home Page:** <http://naples.net/~nfn19284/eas/>     **Webmaster:** Mike Usher

## President's Message

The February meeting to celebrate Charlie's life and contribution to astronomy and our club was very moving. Thanks to everyone who shared their photos, anecdotes, and love of Charlie. Once again, I want to thank Charlie's family for attending our tribute and sharing him with us.

Chuck Pavlick is going to give a presentation at the March meeting on photographing the sky in light polluted areas. Chuck has shared some of his amazing photos with us. Whether you are into photography or not, I'm sure that his techniques will be compelling.

As a heads up, I have confirmed Dr. Buzasi from FGCU to speak to us for the April meeting. You may remember that he gave a most impressive presentation last April. He is going to update us on some of the things he told us at that meeting.

Hopefully, everyone received my broadcast e-mail that I sent out. This was a call for volunteers to help give presentations to the Collier County Library branches for their summer reading program, which is Space. This is one of the largest requests for presentations that I can remember. I am trying very hard to honor every request as this is a great opportunity to reach the younger members of our community.

Denise

## Dates for the "Fak"

Usually the best times to go out to the Fakahatchee Strand viewing site are moonless nights. Below is a list of upcoming Saturday nights that you will often find fellow club members out there enjoying the skies with you (weather permitting).

Date	Moonrise	Moonset
March 30	4:02 a.m.	3:01 p.m.
April 6	8:13 a.m.	9:07 p.m.

## Sky Events

- Mar. 6        - New Moon
- Mar. 11      - Jupiter Transit (Ganymede)
- Mar. 14      - First Quarter
- Mar. 19      - Jupiter Transit (Io)
- Mar. 20      - Full Moon
- Mar. 27      - Last Quarter

## Next Meeting

**March 12, 2019: Time 7:00 – 9:00 pm**  
Norris Center, Naples

## Eta Carinae Nebula By Lou Tancredi

The *Eta Carinae Nebula* (NGC 3372) is a giant nebula about 9000 light years from us in the Sagittarius Arm of the Milky Way Galaxy. The nebula is one of the largest diffuse nebulae in our skies. Although it is some four times as large as and even brighter than the famous Orion Nebula, the *Eta Carinae Nebula* is much less well known due to its location in the southern sky. I was able to capture this image from Key West, Florida, in February 2019.



Photo by Lou Tancredi of the *Eta Carinae Nebula* (NGC 3372).

## PHOTOS BY EAS MEMBERS



Photo by Eric Uthus. 2/23/19. Waning gibbous, 8 inch Newtonian f8.6 with Canon T3i. Best 250 frames from 1000 using RegiStax (1/250 sec, ISO 200).



Photo by Eric Uthus on 2/7/19. IC447. 6 inch Newtonian f4, SBIG ST-8300C about 2 hr integration. Minimal processing in Astro Pixel Processor.



Photo of solar prominence taken by Chuck Pavlick on 3/2/19.



Photo of NGC 2467 by Chuck Pavlick taken during February 2019.



Photo by Armando Merlo of Thor's Helmet taken during the 2019 WSP.

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## Collier Seminole Reserve on 3/2/19

The third event at the Collier Seminole Reserve was a big success. There were about 100 people that were able to view objects through club members' scopes. Club Members that attended were Mike Usher, Rick Piper, Armando Merlo, Robyn Prichard, Ed Jaekle, and Jackie Richards. See photos below.

We always receive such a warm welcome from the staff and the visitors. It still is such a thrill to see and hear the visitors' reactions when they are amazed at what they are seeing through our scopes. Never gets old. Please keep in mind that we have many events still to come this year and we are in need of volunteers. We will discuss upcoming events at our next meeting.



Mike Usher at the Collier Seminole Reserve on 3/2/19.



Ed Jaekle at the Collier Seminole Reserve on 3/2/19.

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### Published Articles by EAS Members

Ted Wolfe's article in the Naples News/Collier Citizen on February 21, 2019: Looking Up: A butterfly dies in distant space.

<https://www.naplesnews.com/story/news/local/communities/collier-citizen/2019/02/21/looking-up-butterfly-dies-distant-space/2907418002/>



Armando Merlo at the Collier Seminole Reserve on 3/2/19.

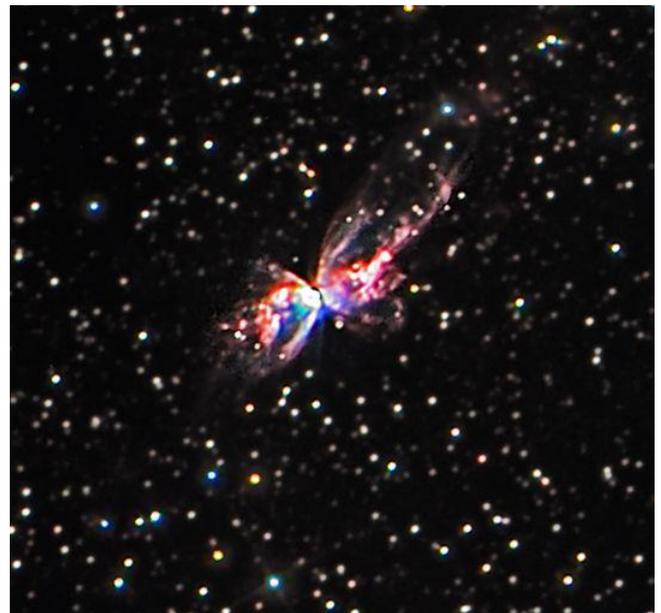


Photo by Ted Wolfe of the Butterfly Nebula (NGC 6302).

The below link provides previous articles in the Naples News/Collier Citizen by Ted Wolfe that appeared over past years.

<http://www.naplesnews.com/search/Ted%20Wolfe/>

To view all of Ted Wolfe's photos, visit his website @ [www.tedwolfe.com](http://www.tedwolfe.com).

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Rick Piper at the Collier Seminole Reserve on 3/2/19.

## EAS 2019 DUES

For the bargain price of only \$20.00 per family, all this can be yours this year:

- Meet with your fellow astronomy enthusiasts at least 10 times a year;
- Learn about astronomy and telescopes. Check out our club scope;
- Many opportunities to view planets, nebulae and other celestial objects (even if you don't have your own telescope); and
- Enjoy the many astronomy programs at our regular monthly meetings.

**Don't miss out!** Fill out this form (please print clearly) and send it with your \$20 check to the Everglades Astronomical Society, P. O. Box 1451, Marco Island, Florida, 34146.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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Phone: \_\_\_\_\_

Email: \_\_\_\_\_