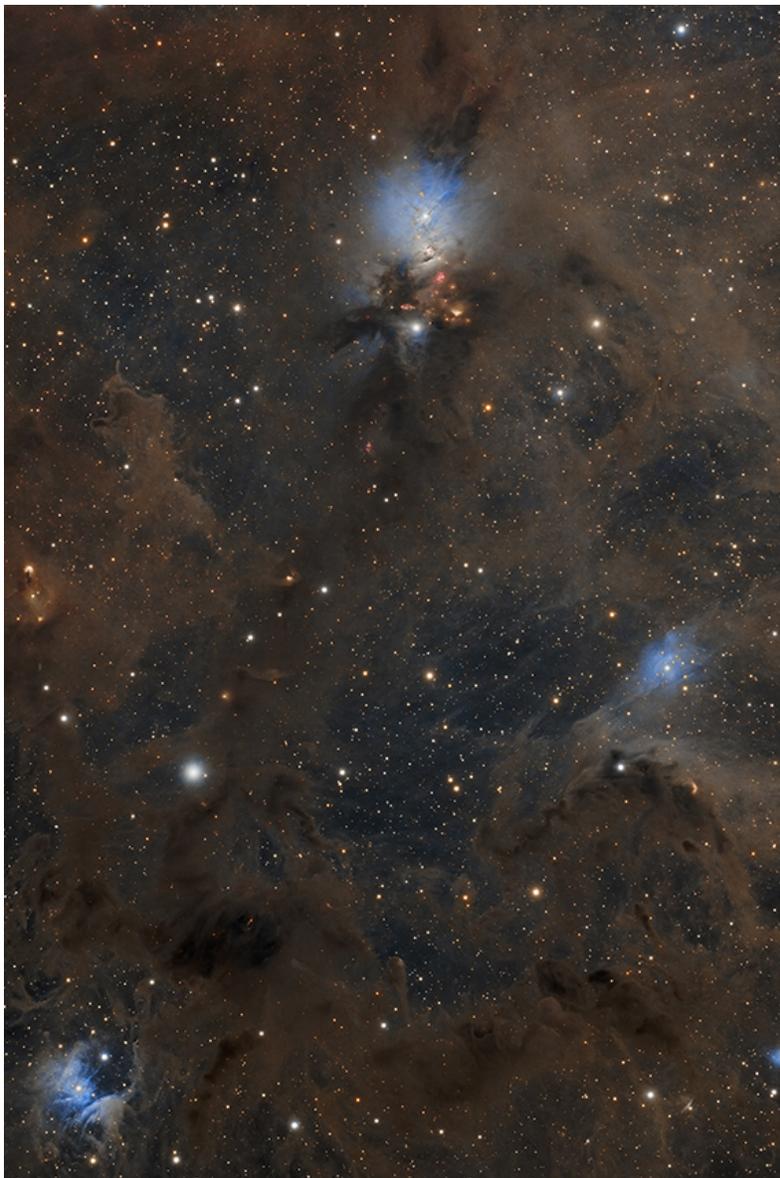


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GUIDESTAR January 2021

Fostering the Science and Art of Astronomy
Through Programs that Serve our Membership
and the Community

NGC 1333 - Wolf's Call, Eagle Eye

Astrobin Image of the Day 12/27/20 <https://www.astrobin.com/jpk9ep/0/>

Image by HAS Member

Chen Wu



President's Letter

by
Joe Khalaf

Resolving to do more astronomy in 2021

They say hindsight is 20/20, and like most of you, I'm glad to put the year 2020 in the rearview mirror. I know I'm stating the obvious when I say most of us won't miss the year that just passed for because of many of the events that happened here on earth, but astronomically speaking, 2020 was actually a pretty spectacular year. In July, Comet NEOWISE became one of the best comets to observe in years, and many of you became members during that time. In October, Mars came closer than it's been since the historic opposition in 2003. And just a few weeks ago, Jupiter and Saturn dazzled us all with a conjunction that brought the planets closer than they've been in over four centuries.

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January Novice Presentation Via Zoom

Winter Observing

Debbie Moran will discuss observing during the winter months. She will highlight some of the gems of the Winter Sky and provide lots of good advice about planning your observing session and how to stay warm on those cold clear nights.

January 7, 2020, 7:00PM

[Read More](#)

[Register for Presentation](#)

Astronomy



A way to see more with modest scopes in light polluted skies

HAS Main Speaker Presentation

Via Zoom

EAA

by Robin Jones

Robbin Jones from the Astronomy Club of Tulsa will share with us how he uses EAA (Electronic Assisted Astronomy) to facilitate his observing from home. He will be showing us how he gets amazing images using his telescope set up in his backyard in the middle of a Tulsa suburb. Images form in just a few minutes on his computer set up indoors in the comfort of his living room.

January 8, 2021, 7:00PM

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[Register for Presentation](#)



**Time To Renew
Your Membership**

By Mike Edstrom, Treasurer

HAS Memberships run from 1 January to 31 December

Time to **RENEW YOUR HAS MEMBERSHIP** so you can take your 2021 Dark Site Training **January 1st** and get the new gate code before it changes on **March 6th!** HAS memberships run from 1 January to December 31. Fortunately, renewing your membership is fast and easy!

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Field of View

by Don Selle

Guidestar Editor

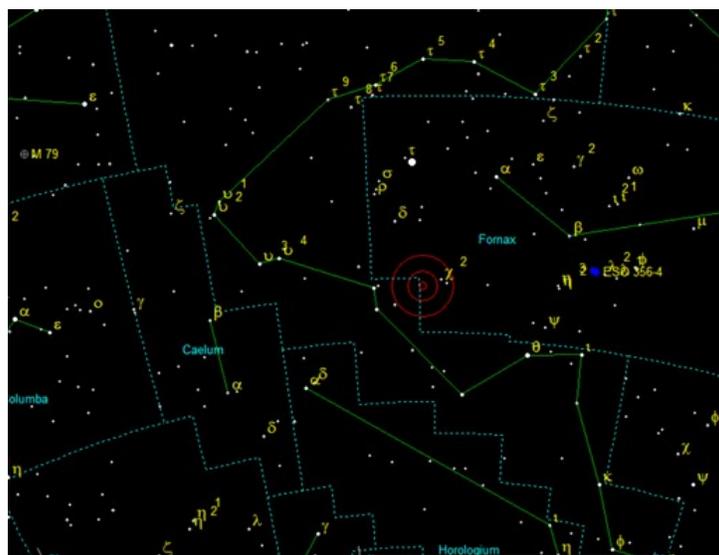
It's an old tradition to make New Year's resolutions, to think ahead optimistically about what we will do and what we will change in the coming year. Many resolutions are centered on self-improvement or doing things better. This year we will also consider which pandemic required changes to our lives we will keep and which will go.

So what will your New Year resolutions be? Hopefully, you will make some resolutions that will be rewarding or fun to keep. Might I suggest a few related to astronomy?

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Are you missing notifications about upcoming events and meetings?

If you seem to be out of the loop for meetings and other events, it could be due to a mistyped or no longer used email address. The new year is a good time to check that. Log in if you can and then check your info from the blue Edit Profile button under your avatar. Or you can email me at membership@astronomyhouston.org with your contact email address and I'll get it taken care of for you—Rene Gedaly



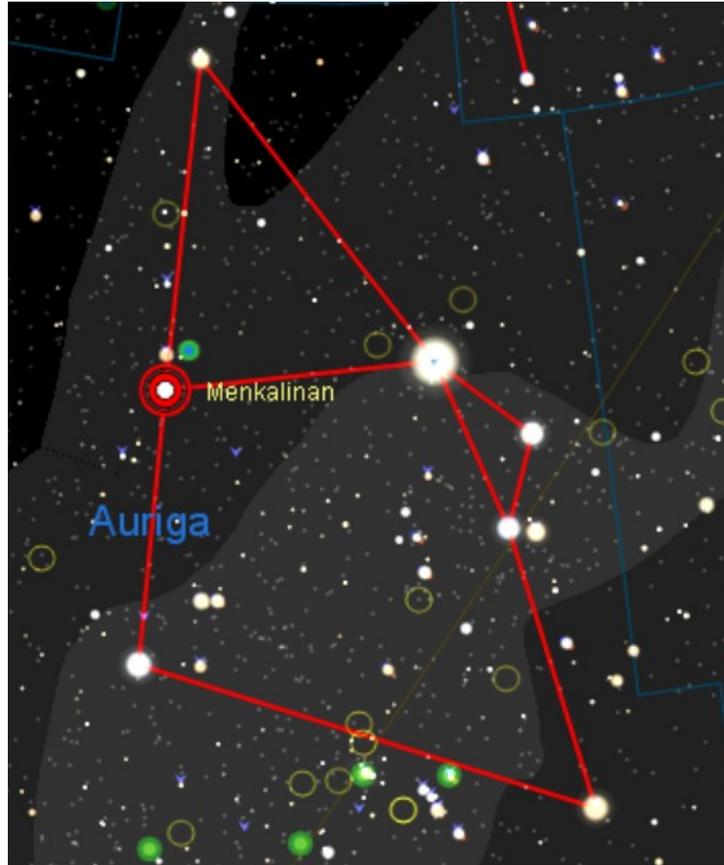
NGC-1365

Barred Spiral Galaxy in Fornax

The Silver Sliver Galaxy

by Stephen Jones

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Finder chart — north is up.

Star chart generated by TheSkyX © Software Bisque, Inc. All rights reserved.

www.bisque.com

Shallow Sky Object - Dec 2020

Beta (β) Aur—An Eclipsing Binary

by Bill Pellerin

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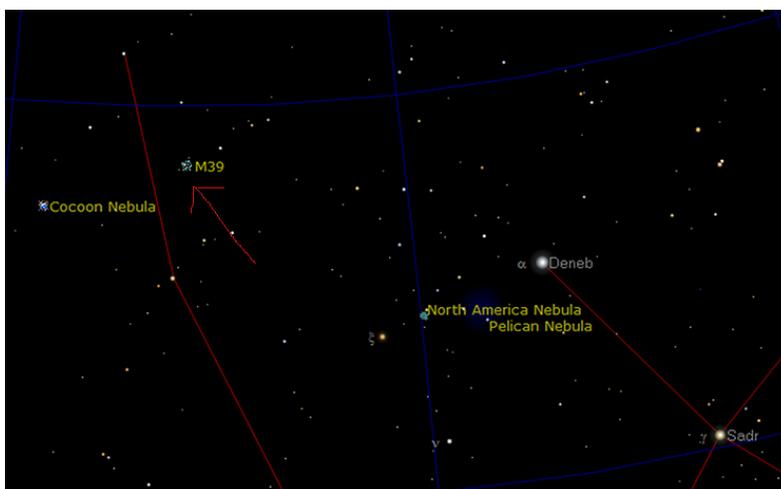


The Umbrella

An Object in the AL Asterism Observing Program

by Steve Goldberg

[Read More](#)



January 2021 Messier Objects By: Jim King

This is the beginning of a new year (the end of a mostly sucky year), with new challenges, new opportunities, and a new emphasis on getting together in the field and having a gay ole time just looking up with our friends. As far as COVID is concerned, astronomy is recognized as one of the safest pursuits anywhere, which is one reason equipment inventories are so tight...we have lots of new participants.

We need to get to know them. This is truly an opportunity to make chicken and dumplings out of chicken leftovers (or words to that effect).

We have the opportunity to consistently be out in the fresh air where we can easily maintain safe social distancing. (I really hate that term...it sounds like something that applies to teenagers at a church social.) But we can circle up under the stars, have some good conversation and not have to worry about no stinkin' viruses, with just a little common sense...like keeping eyepieces clean when sharing.

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