



The Night Sky

The Newsletter of
The Astronomy Club of Akron
www.acaoh.org

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April 2020

ACA NEWS AND NOTES **APRIL 2020**

ACA Meetings

Due to the stay-at-home policy implemented by Ohio Governor DeWine, the ACA Board has cancelled the membership meetings scheduled for April and May. We anxiously look forward to the end of this isolation policy and to seeing you all again in September. Stay healthy, stay safe, and stay home!

Annual Summer Picnic

If the stay-at-home policy is lifted before August, the next ACA Members Social is our summer picnic scheduled for Sunday, August 30th. Here are the details:

What: Members Annual Summer Picnic
When: Sunday, August 30th at 3:00 pm
Where: Portage Lakes Big Oaks Shelter
Portage Lakes State Park

ACA will provide the burgers and dogs. Members attending will bring a dish to share. Please mark your calendars and plan to join us for this popular gathering!

May Elections

Normally, a proposed slate of officers is presented during the March meeting followed by the election during the April meeting. Elected officers then begin their term with the May meeting. Since the ACA March, April, and May meetings were cancelled, the proposed slate of officers up for election is presented to membership via this newsletter:

Under the current circumstances, the present ACA Board has agreed to stay in office until membership can vote at the September meeting. Thanks to all members of the Board who will continue in their current positions to ensure a smooth transition for the newly elected officers.

ACA Slate of Officers:
President - open
Vice President - Glenn Cameron
Treasurer - Dave Hartsook
Secretary - Gary Smith
Assistant Secretary/Treasurer - Jim Swift
Newsletter Editor - Marissa Fanady

Nominations for the office of President will be taken from the floor during the September meeting. If the slate is not full, each office will be presented individually for a vote. Thank you to all who agreed to serve!

Star Parties

Until further notice, Observatory Director Ron Kalinoski has suspended all Star Parties scheduled at the ACA observatory. Stay connected with ACA by visiting the ACA website. Star Parties and other ACA events will be posted as club activities resume in the future.

Future ACA Trips

Plans for ACA trips to Green Bank Observatory in West Virginia and Yellowknife in Canada have been suspended until further notice.

Continuing Astronomy Online

By Marnie and Mike Sanders



So backyard astronomy is still alive and well in Ohio! We are teaching science lessons for our grandkids in Columbus and they invited two playmate friends to join them. Our tech savvy daughter put us all in "Google Hangout" and we all "signed in" at 2 pm on Wednesday, April 2nd.

We wore our Astronomy Club badges and t-shirts, and were Ms. Marnie and Mr. Mikey for the 30 minutes as teachers. (The grandkids would have none of that however, and stated quite clearly to those two kids that I was their Maw Maw and Mikey was their Paw Paw.)

Our lesson was taken from our "Daisy Troop" material, including a shadow demonstration with "Gort" our robot, the phases of the moon (without the oreo cookies however), and the simulated moon rocks crashing into the moon, ie, a pan of flour dusted with cocoa. (Please see the February newsletter for pics). The answers were all very similar and interesting from all of the kids, but one was particularly knowledgeable.

We mentioned "other interesting objects" in the sky, including the spectacular Venus and Pleiades conjunction which I had just been able to see in our finally clearing skies that week! Thank you OHIO!!! So Sam stepped out of view of the "Hangout" and produced his new telescope for all to see, and voila! He had a mission for that night!

The next day they sent the pictures of their viewing that evening (and the permission to share them)! Mom, Sarah, and twin brother Jake took the photo of Sam with dad, Jeremy, (and Ava their dog) setting up their great shots. I was excited to see the Pleiades above Venus in their pictures as my binoculars weren't good enough for me to see it in my backyard. We just were so thrilled to see these kids enjoying the night sky!

*Article By ACA Members
Marnie and Mike Sanders*



April Astronomical Events

Day Hour (UT)

01 05 Moon N Dec 05:12
01 06 First Quarter 06:21
01 00 Venus 45.9° E
03 02 Moon-Beehive 02:24
03 10 Venus-M45 10:39
07 14 Moon Perigee 14:08
07 22 Full Moon 22:35
12 22 Moon D Node 22:58
13 17 Moon S Dec 17:03
14 18 Last Quarter 18:56
14 19 Moon-Jupiter 19:04
15 05 Moon-Saturn 05:26
16 00 Moon-Mars 00:33
20 15 Moon Apogee 15:01
22 02 Lyrids 02:07
22 22 New Moon 22:26
26 06 Uranus Sun 06:19
26 11 Moon-Venus 11:23
27 13 Moon A Node 13:54
28 11 Moon N Dec 11:23
30 09 Moon-Beehive 09:17
30 16 First Quarter 16:38

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)

May Astronomical Events

Day Hour (UT)

01 00 Venus 38° E
04 15 Eta Aquarids 15:21
04 17 Mercury Super 17:22
05 23 Moon Perigee 23:03
07 06 Full Moon 06:45
10 05 Moon D Node 05:01
11 02 Moon S Dec 02:13
12 05 Moon-Jupiter 05:40
12 14 Moon-Saturn 14:18
14 10 Last Quarter 10:03
14 22 Moon-Mars 22:01
17 21 Jup-Sat 21:13
18 03 Moon Apogee 03:45
22 05 Mercury-Ven 05:37
22 13 New Moon 13:39
23 22 Moon-Venus 22:40
24 06 Moon-Mercury 06:53
24 17 Moon A Node 17:34
25 17 Moon N Dec 17:16
27 14 Moon-Beehive 14:44
29 23 First Quarter 23:30

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)

OFFICERS 2018 – 2020

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Lou Poda

March Treasurer's Report

By Nick Mihiylov

3/1/2020 Through 3/31/2020

Checking Beginning Balance	\$2,385.08
Income	
Memberships	30.00
Total Income	\$30.00
Expenses	
Check #1250 State Farm - Insurance	-575.00
Check # 1248 - Supplies - Greg Crenshaw	-17.08
Check #1247 - Reimbursement Observatory Expenses	-20.19
Check #1246 - Reimbursement Observatory Expenses	-47.90
Total Expenses	-\$660.17
Income Less Expenses	-\$630.17
Checking Ending Balance	\$1,754.91
<hr/>	
Savings Beginning Balance	\$2,567.68
Earned Interest	0.04
Savings Ending Balance	\$2,567.72
<hr/>	
Petty Cash Beginning Balance	\$50.00
	0.00
Petty Cash Ending Balance	\$50.00
<hr/>	
Petty Cash	50.00
Savings	2,567.72
Checking	1,754.91
Grand Total	\$4,372.63

Article by Nick Mihiylov
ACA Treasurer.

SWAP & SHOP



FOR SALE:

Orion Sirius 40mm Plossl

Asking: \$25

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org

FOR SALE:



**Televue Radian
12 mm Eyepiece**

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email:

riverfry@gmail.com

FOR SALE:



**Televue Radian
18 mm Eyepiece**

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email:

riverfry@gmail.com

FOR SALE:

**Celestron CPC Deluxe 800 HD
Telescope with tripod.**

Accessories:

- Celestron 1.25" eyepiece and filter kit.
- Tele Vue nebula filter.
- Celestron UHC/LPR filter.
- Celestron 15mm 1.25" 82 degree wide field eyepiece.
- Stellarvue 1.25" Dielectric Diagonal.
- Stellarvue 1.25" erecting prism.
- Celestron power tank and dew shield.
- Astrozap sun filter.
- Celestron AC adaptor.
- JMI custom hard shell case for telescope.

All 8 months old, brand new condition.

Asking: \$2200

Contact: Jim Hall

Phone: 330-268-8695

FOR SALE:



**Pentax XW 20mm
Eyepiece**

- Excellent condition.
- Small mark on 1.25" barrel.
- Always used in a compression clamp.

Asking: \$220 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com

FOR SALE:

**Celestron NexStar 8i
computerized to go 8" F/10
Schmidt-Cassegrain**

Focal length 2032 mm with 406x highest useful power.

Includes:

- GPS module.
- Five multicoated Plössl eyepieces.
- 2X Barlow lense.
- Seven filters.
- A/C adaptor.
- Night vision flash.
- Celestron star pointer.

All rarely used and in new condition.

Cost \$1,689 new.

Asking: Best Offer

Contact: Nick Bade

Email: nb@tribco.com

Phone: 216-486-2000 weekdays and

440-585-8687 evenings and weekends.

Advertise in the Swap n Shop!

Send a picture of
your **ASTRONOMY
RELATED** item and
relevant information
to the newsletter
editor:

mfanady@yahoo.com

The Night Sky

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Yes! I want to become a member of the Astronomy Club of Akron

www.acaoh.org

(PLEASE PRINT)

NAME: _____ PHONE: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

EMAIL ADDRESS: _____

Astronomy Club of Akron annual memberships renew in the month of September.

ADULT (ages 18 and older) ___\$30.00

JUNIOR (ages 12 to 17) _____\$15.00

ADDITIONAL ADULT member _____\$15.00

FAMILY MEMBERSHIP _____\$40.00

Visit us on the Web at www.acaoh.org,