



The Night Sky

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

Volume 37 Number 4

April 2015

Next Meeting: Friday - April 24, 2015 - 8:00 PM - Kiwanis

The President's Column

By John Shulan



March was a great month. A mix of weather, the Messier Marathon and a very interesting and well attend meeting.

Congratulations to the mighty Messier marathon winners. Tom Alexander won the manual scope division with 115 objects and I, your president, won the goto division with 125 objects. It was fierce competition but the comradery was great. It was clear till about 10:30 then the clouds rolled in and the two of the competitors put their equipment away. Ron had made smooth coffee and I made enough chili for an army! For all those who missed this year's event it is a great time and Tom and I will be magnanimous in not gloating over our masterful domination in our respective divisions. Be There Next year!

Ann Ferrell has Dr. Ralph Harvey speaking about his expedition in search of Antarctic Meteorites April 24th 8PM. Bring a friend! Our meetings have been interesting, very well attended and timely.

I am sad to say the St. Louis Astronomy club won the outreach award from Astronomy magazine. We will try again. I talked with one of the judges and senior editor for Astronomy Magazine. He liked our application and encourage us to try next year. With that in mind, please take a lot of pictures at our events and outreaches so as to improve our application for next year. He said we were very close.

(con't page 4)



Moon March 29, 2015 mosaic of two images captured by an ASI120mm camera on a WO ZenithStar II 80 mm scope on an iEQ45PRO mount. Image by ACA member Bob Benedict.

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Lou Poda

March Treasurer's Report

By Glenn Cameron

3/1/2015 Through 3/31/2015

Checking Beginning Balance	\$2,903.27
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Income

50/50 Raffle	43.00
Dues	30.18
Donation	19.00
Total Income	\$92.18

Expenses

Speaker's Dinner	-91.00
State Farm	-475.00
Total Expenses	-\$566.00

Income Less Expenses	-\$473.82
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Checking Ending Balance	\$2,429.45
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Savings Beginning Balance	\$2,580.13
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Earned Interest	0.07
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Savings Ending Balance	\$2,580.20
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Petty Cash Beginning Balance	\$50.00
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	0.00
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Petty Cash Ending Balance	\$50.00
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Petty Cash	50.00
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Savings	2,580.20
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Checking	2,429.45
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Grand Total	\$5,059.65
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Article by Glenn Cameron
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:

Meade LXD75 Mount

- Tripod.
- One counterweight.
- Autostar and battery box power supply.
- Cigarette lighter power cable.
- Selling because of upgrade to LX80 mount.
- LOCAL PICKUP is necessary.

Asking: \$325 OBO

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org

Advertise in the Swap & Shop!

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

gshinn2014@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 adapter.
- 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:

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.

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:



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:



15mm Ultra-Wide Angle Eyepiece

Asking: \$40

Contact: Lew Snodgrass

Phone: 330-819-4886

Phone: 330-867-4800

Ask for Lew.

Email: chrply@aol.com

Dr. Ralph Harvey to Speak at Next Meeting

By Ann Ferrell



Dr. Ralph Harvey, Principal Investigator and Field Team Leader for the US Antarctic Search for Meteorites

Ralph P. Harvey is an Associate Professor of Geological Sciences at Case Western Reserve University in Cleveland, Ohio. A graduate of Beloit College with a Ph.D. from the University of Pittsburgh, he has been the Principal Investigator and field team leader for the US Antarctic Search for Meteorites program since 1991. He is an author or co-author on more than 100 publications on diverse topics in the planetary sciences, ranging from micrometeorites to ice sheet dynamics to the history of Mars. He is a principal investigator in NSF's Office of Polar Programs as well as NASA's Cosmochemistry and Mars Fundamental Research programs. He is a frequent contributor to science instrument and landing site definition panels for NASA's Mars Exploration Program. He was recently a member of the preliminary examination team for the STARDUST sample return mission, and both an asteroid and an Antarctic mountain now bear his name.

Dr. Harvey will be presenting Antarctic Meteorites: Sifting the sands of the Solar System. Since 1969, nearly 50,000 meteorite specimens have been systematically recovered from the East Antarctic ice sheet, more than 20,000 of these by the US Antarctic Search for Meteorites program. These samples have done more than fill the larders of museums and research institutions; they have fundamentally changed our understanding of the solar system. Antarctic meteorites are the only reliable, continuous, and readily available source of new planetary material, naturally swept up by the Earth as it cascades through space, and revealing the fundamental building blocks of the solar system.

P.S—Don't forget about Astronomy Day 2015 at the Cleveland Museum of Natural History Saturday April 25th from 9:30AM until 4:00PM. Come and explain why we do what we do under the stars! Here's what the CMNH has to say about this event: Learn more about the nature of your Universe and celebrate National Astronomy Day. Attendees can participate in hands-on activities, view demonstrations, catch planetarium shows in the Shafran Planetarium and tour the Ralph Mueller Observatory. Local astronomy clubs, including the Astronomy Club of Akron, will be on hand to share the wonders of the night sky.

*Article by Ann Ferrell,
ACA Vice President.*

The President's Column Con't

As soon as we get the final totals for the grants written and approved with the Rotary Clubs, then the ACA can order a scope!

When it is clear and now that it has finally warmed up, please take your scope outside. Your poor scope has been cooped up inside and really wants to taste the spring air! The spring night skies has so many wonderful objects to see that will be soon gone till next November.

Clear skies!

John

*Article by John Shulan,
ACA President.*

NOTEABLE ASTRONOMICAL EVENTS, PLANETARY OPPOSITIONS, ELONGATIONS, LUNAR PHASES, AND ECLIPSES

April:

4/1/15 1:00pm Moon at apogee
4/4/15 12:00pm FULL MOON Eclipse
4/6/15 2:00pm Uranus in conjunction with Sun
4/8/15 1:00pm Saturn 2° S. of Moon
4/8/15 8:00pm Jupiter stationary
4/10/15 4:00am Mercury in superior conjunction
4/12/15 4:00am LAST QUARTER
4/15/15 1:00pm Neptune 4° S. of Moon
4/17/15 4:00am Moon at perigee
4/17/15 7:00am Pluto stationary
4/18/15 7:00pm NEW MOON
4/19/15 11:00pm Pallas stationary
4/21/15 4:00am Venus 7° N. of Aldebaran
4/21/15 5:00pm Aldebaran 0°.9 S. of Moon Occn.
4/21/15 6:00pm Venus 7° N. of Moon
4/26/15 12:00am FIRST QUARTER
4/26/15 7:00am Juno 0°.1 N. of Moon Occn.
4/26/15 6:00pm Jupiter 5° N. of Moon
4/29/15 4:00am Moon at apogee

Information Credited:

ASTRONOMICAL PHENOMENA FOR THE YEAR 2015

*Prepared Jointly by The Nautical Almanac Office United States Naval Observatory and Her Majesty's Nautical Almanac Office
United Kingdom Hydrographic Office*

RESOURCE PAGE

Below is a list of online resources and NE Ohio resources for anyone interested in space related information and activities. This is by no means complete and if you have a link to share with the astronomical community be sure to send it to the newsletter editor: jgshinn2014@gmail.com.

ONLINE RESOURCES:

US Naval Observatory: <http://www.usno.navy.mil/astronomy>

Minor Planet Center: <http://www.minorplanetcenter.net/>

Solar and Heliospheric Observatory (SOHO): <http://sohowww.nascom.nasa.gov/>

GOES Weather Satellite Images: <http://www.goes.noaa.gov/>

GOES Space Weather Satellite Data: <http://www.swpc.noaa.gov/>

American Meteor Society: <http://www.amsmeteors.org/>

Bradford Robotic Telescope: <http://www.telescope.org/>

Cometography: <http://cometography.com/>

Free Star Charts: <http://www.freestarcharts.com/>

Stellarium - Free Planetarium Software: <http://www.stellarium.org/>

SHOPPING:

OPT Telescopes: <http://www.optcorp.com/>

Orion Telescopes: <http://www.telescope.com/>

MEADE Telescopes: <http://www.meade.com/>

LOCAL NEO RESOURCES:

Astronomy Club of Akron: <http://www.acaoh.org/>

Stow Parks Astronomy: <http://www.stowastronomy.org/>

Cleveland Museum of Natural History: <https://www.cmnh.org/>

Great Lakes Science Center: <http://www.greatscience.com/>

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Newsletter of the Astronomy Club of Akron

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c/o Glenn Cameron
8019 Glendevan St. NW
Massillon, OH 44646-9018

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 May.

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,