

BBAA Astronomy Club, January 5, 2017 (Plaza Middle School Kiva)

Chuck Jagow (President):

Called meeting to order at 7:37 PM.

Members present included: Chuck Jagow, Mark Gerlach, Jeff Goldstein, Bird, Shawn Loescher, Ben Loyola, George Reynolds, Curt Lambert, Bob Beuerlein, Chris Jarvis, Leigh Anne Lagoe, Rich Roberts, Lisa Roberts, Tom Flatley, Tyler Legg, Danny Mausolf, Fran Sansone, Chuck Dibbs.

Vice President (Jim Tallman) Events Report: (given by Chuck Jagow)

Jan:

1/03 – Slover Library (George Reynolds Presentation) 6:00 – 8:30 PM
1/05 – BBAA Club Meeting at TCC
1/10 – Garden Stars (Norfolk Botanical Gardens) 7:00 – 10:00 PM
1/20 – Corn Watch (Cornland Park Private Permit Required) dusk – dawn
1/21 – Skywatch at NWRP (6:30 – 11 PM)
1/27 – Corn Watch (Cornland Park Private Permit Required) dusk – dawn
1/28 – Nightwatch (Chippokes Plantation Permit Required) 6:00 – 7:30 PM

Feb:

2/01 – Poquoson Elem. School Presentation (George Reynolds)
2/02 – BBAA Club Meeting at TCC (7:30 – 9:00 PM)
2/03 – Knott’s Island Elementary School, NC (STEM Night) (George Reynolds) 6:30 – 8:30 PM
2/07 – Jr. Astro. Event Three Oaks Elementary School Observation (George Reynolds) 6:00 – 8:00 PM
2/11 – Saturday “Sun” Day (Elizabeth River Park, Chesapeake) 10:00 AM – 1:00 PM
2/11 – VLM Star Party (Virginia Living Museum) Sunset – until...
2/17 – Corn Watch (Cornland Park Private Permit Required) dusk – dawn
2/18 – Skywatch at NWRP (8:30 – 11 PM)
2/24 – Corn Watch (Cornland Park Private) dusk – dawn
2/25 – Nightwatch (Chippokes Plantation Permit Required) 6:00 – 7:30 PM

Secretary’s Report (Jeff Goldstein)

Moved and seconded to waive the reading of the minutes.

Treasurer’s Report (Bruce Powers read by Jeff Goldstein)

General Fund:	\$ 4,000.90
<u>Scholarship Fund:</u>	<u>\$ 1,985.52</u>
<u>GJ Scholarship Fund:</u>	<u>\$ 1,045.00</u>
Total:	\$ 7,031.42

Regular Members:	125
Associate Members:	10 (9 members of Astronomical League)
<u>Honorary Members:</u>	<u>4</u>
Total Members on Roster:	139

Paid up Members:	95
Members Dues Due (Jan)	3
Delinquent in dues:	41

Anticipated 2017 Dues \$ 355.00

Anticipated Expenses

AL Dues	\$ 725.00	Estimated # of AL Dues Paying Members
Insurance	\$ 325.00	Due in March
Fees	\$ 100.00	P.O. Box and State Corporation Commission
Picnic	\$ 250.00	July
Mailings	\$ 150.00	Newsletter Snail Mail Mailings
Charitable	\$ 150.00	IDA and Clear Sky Chart
<u>Misc.</u>	<u>\$ 800.00</u>	Awards, Raffle Prizes, etc.
Total:	\$ 2,500.00	

Scholarship Report No Report

RRRT Report (by "Bird") No Report

Hampton University Observatory Report (by Ben Loyola)

Dr. Cunio did observations from Hampton University Bldg. across from Aerospace Museum. Fiberglass Dome planned for Jupiter Impacts. System Design Complete, now we are awaiting beginning construction.

Old Business:

Chuck reported on the New BBAA Constitution changes, nearly completed. Passing around these changes tonight. In yellow are the actual changes. We have incorporated into Backbay Astronomy Association, Inc. Cleaned up information such as membership AL, dues changes, associate members opened up to anyone in the current members' family member. This will be published this month by Paul, and everyone will receive a copy via mass email (except for those members without email). In February all members will vote on this new BBAA Constitution. Anyone not voting will count as a yea vote. Ratify it on March 2nd. Dues went up to \$23 (no changes in dues since inception 1978).

Library books are being distributed (by donation) to any club members that would like one for a donation.

Observing Reports:

Ben Loyola is getting close to the Herschel 400 award (after the first 200, it goes faster). Drawing each one.

Averted vision improvement, making your scope work better. Very challenging award.

Chuck mentioned outstanding Solar Prominences last observation at Elizabeth River Park.

Mark mentioned Stanton River State Park. Double Star Program. Three excellent nights, there. Mark got about half the number required. Some are very dim and very close.

Evening Program: Astronomy 101 (by George Reynolds)

Lesson 2: Best telescope to buy.

Lesson 3: Astronomy Equipment.

Lesson 4: Observing the Moon

Lesson 5: Finding Your Way Among the Stars

Lesson 6: Stargazing Considerations (tonight's lesson)

Terms: seeing, transparency, darkness, twilight (astronomical, nautical, and civil), sunrise/set, moonrise/set, moon phase

Physical conditions: Forest fires, lighting from outside sources.

Optical considerations, binoculars (8x42, 10x50, et. al.), telescope power (how to determine it), and f-stop, focal ratio, speed, stellar magnitude, dark adaptation (Rhodopsin, visual purple).

Next series program: Astronomy 102: Advanced Stargazing

George received high praise and enthusiastic applause from all members. Very well done.

New Business:

Virginia Association of Astronomical Society VAAS Committee Report by Leigh Ann:

September 23rd primary (September 16th backup)

Swap Table Proposed, Web Page in works.

Chuck mentioned raffling off a 300 – 500 prize and he will request donations. Jim raised about \$700 last year.

Meeting adjourned at 9:02 PM.