

## BBAA Astronomy Club December 6, 2018 (TCC JC-13)

### Chuck Jagow (President):

Called meeting to order at 7:34 PM.

Members present include: Chuck Jagow, Jeff Goldstein, George Reynolds, Shawn Loescher, Bruce Powers, Jared Austin, George C. Jarvis, Kayla Dio Robinson, Jonathan Scheetz, Jeffrey Heiliger, Paxey Heiliger, Bob Beuerlein, Kenny Braun, Glenn Dozier, Isaac Ammerman, Joey Quinn, Arch Walpole, Rich Roberts, Lisa Roberts, Lawrence "Bird" Taylor

Chuck opened the meeting announcing it's the last meeting of 2018 and the BBAA luncheon is coming up on December 15, 2018. Moved to observing report.

### Vice President Events Report (read by Shawn Loescher):

#### December:

- 12/07 – Corn Watch (Cornland Park Private) Sunset – Dawn. Bring BBAA ID & Cornland Permit
- 12/07 – Virginia Peninsula Astronomy Stargazers (VPAS) at the GAP (1<sup>st</sup> and 3<sup>rd</sup> Friday) from sunset.
- 12/07 – **VLM has been moved to Friday, 12/7 due to the Girl Scouts' schedule.**
- 12/08 – Nightwatch Chippokes Plantation State Park, Surry, VA (Sunset – Dawn)
- 12/10 – George will be speaking at Old Donation Center school
- 12/11 – Annual Moon Night, Blackwater Regional Library, Carrolton VA (5:00 PM – 7:00 PM)
- 12/14 – Corn Watch (Cornland Park Private) Sunset – Dawn. Bring BBAA ID & Cornland Permit (during the Geminid Meteor Shower)
- 12/14 – Muse/Ghent Market Shops Holiday Party, Muse Writers Ctr. Norfolk, (5:00 PM – 9:00 PM)
- 12/15 – Annual BBAA Anniversary Luncheon, Stripers at Waterside 12 Noon – 3:00 PM
- 12/17 – George will be speaking at Old Donation Center school
- 12/21 – Virginia Peninsula Astronomy Stargazers (VPAS) at the GAP (1<sup>st</sup> and 3<sup>rd</sup> Friday) from sunset.

#### January:

- 01/02 – Stargazing event at Great Neck Library in Virginia Beach
- 01/03 – Club Meeting - Plaza Middle School Planetarium (7:30PM – 9:00PM)
- 01/04 – Corn Watch (Cornland Park)
- 01/05 – Nightwatch @ Chippokes Plantation State Park (5:00PM – 7:00PM)
- 01/11 – Corn Watch (Cornland Park)
- 01/19 – Night Skies at False Cape State Park **\*pending\*** (6:00PM – 9:00PM)
- 01/19 – Saturday "SUN" Day @ Elizabeth River State Park (10:00AM – 1:00PM)
- 01/20 – Total Lunar Eclipse Watch Party @ Chesapeake Planetarium (8:30PM – 3:00AM)
- 01/26 – Skywatch @ Northwest River State Park (5:30PM – 9:30PM)

**Secretary's Report (Jeff Goldstein):** Moved & seconded to waive reading the minutes.

**Treasurer's Report (Bruce Powers):** BBAA got paid for 4 Boardwalk Astronomy events (\$250 per event), check will be deposited towards the Georgie June scholarship.

### TREASURY DATA 2018 YTD

General Fund Income: \$ 8,183.71

General Fund Expenses: \$ 5,051.76

**General Fund Balance: \$ 3,131.95**

Scholarship Fund Inc: \$ 1,923.52

Scholarship Fund Exp: \$ 1,500.00

**Scholarship Fund Bal: \$ 423.52**

GJ S'ship Fund Income: \$ 2,062.00

GJ S'ship Fund Exp: \$ 500.00

**GJ Scholarship Bal: \$ 1,562.00**

<b>BBA Financ. Sum'y</b>	<b>\$ 5,117.47</b>	<b>General Fund &amp; Both Scholarship Funds</b>
<b>Pending PayPal Depos.</b>	<b>\$</b>	
<b>BBA Checkbook</b>	<b>\$ 5,119.27</b>	<b>Checkbook Balance as of 12/5/18</b>
<b>Checkbook + PP – Fin.</b>	<b>\$ 1.80</b>	

Membership Data

Honorary Members:	5
Associate Members w/AL:	14
Associate Members:	1
<u>Regular Members:</u>	<u>115</u>
<b>Total Members on Roster:</b>	<b>135</b>

Paid up Members:  
 Members' Dues (due this month)  
 Delinquent in dues:  
 Anticipated 2018 Dues: \$ -

**ANTICIPATED EXPENSES FOR 2018**

AL Dues	\$ 605.00	Paid June 2018
Insurance	\$ 320.00	Paid May 2018
Fees PO Box	\$ 102.00	Paid January 2018
August Picnic	\$ 125.00	Paid August 2018
Mailings	\$ 150.00	
Charitable	\$ 150.00	
<u>Misc.</u>	<u>\$ 1,000.00</u>	Signs, Eyepieces, Legal Fees, Dark Sky Donations, Outreach Supplies, etc.
Total:	\$ 2,452.00	

**Scholarship Committee Report: (Ben Loyola):** No report (Loyola not present).

**Alcor Report (Bill McLean):** No report (McLean not present).

**RRRT Report (“Bird” Lawrence Taylor & Ben Loyola):** Bird advised that Loyola sent him email concerning that RRRT is way behind on getting funding and looking for donations. Suggests that next meeting we can determine if club is able to give small donation (maybe \$500?) or provide software for telescope to help out. Chuck mentioned he would follow up with Ben Loyola and Mark Croon regarding possible donation.

Note for new members: RRRT is a million-dollar telescope on Fan Mountain open to use by BBAA club members. No fee to use telescope, other than club dues. To sign up, just email Bird and he will send along your information to get you registered. Everything is handled online. To use telescope, send online request to RRRT and your request will be added to a queue. Images will be sent back to you via email and is owned by you (can be used in scientific papers, etc). Imaging can be for fun or for research purposes.

**Old Business:**

- BBAA Luncheon will be held at Noon, December 15<sup>th</sup> at Stripers (in Norfolk). Thank you, George.
- ALCON next summer at the Kennedy Space Center. July 25 - 29<sup>th</sup>, 2019. Not much other news from AL since the President recently passed away.

**New Business:**

- Start thinking about ideas for raffle to help fund Georgie June scholarship. Chuck will be donating his Canon 7D camera which will be modified later in December for better astrophotography pictures.

- \$350 check for GJ scholarship was found (by Chuck?) and needs to be deposited.
- BBAA is looking for a new newsletter editor and A.L. coordinator

**Observing Reports & Announcements:** Shawn observed a comet last night easily from his backyard using binoculars. After East Coast Star Party in Coinjock, the campsite advised they are revamping the site (including construction on main clubhouse, bathhouse, and all waterfront campgrounds) for another star party next year. Chuck received his Explorer Scientific refractor in the mail and tried taking pictures with it, but it had issues and had to be sent back to be fixed. Sky Watch on previous weekend was rained out.

**Program:** Moon Presentation by George Reynolds. (Introduced by Chuck)

George shared an interesting presentation on many objects and features of Earth's only natural satellite, Luna (the moon). He showed the program he uses to track the phases of the moon on different days throughout the year: QuickPhase Pro.

Next, he handed out moon maps and went into great detail of the different features on the moon (ex: mountains, craters, "seas", etc.) and where they are each located.

George also brought in many books on the moon to share with those in attendance. Some of George's recommended books/tools for exploring the moon on your own:

- *The Observer's Handbook* from the Royal Astronomical Society of Canada
- *Objects in the Heavens* (shows what to look for on the moon every night of the month)
- *Exploring the Moon with Binoculars and Small Telescopes*
- *The Moon Book*
- Moon Map with keys to items and objects on moon
- Field maps of the moon (regular and reversed images of the moon for with/without telescope)
- *Turn Left at Orion*
- *Observing the Moon*
- *Atlas of the Lunar Terminator*
- *Atlas of the Moon* by Antonín Růkl

**Meeting adjourned at 9:10 PM.**