



## NHAS July 2016 Business Meeting

The July business meeting was held at St. Anselm College, our President, **John Bishop**, presiding.

We had a successful summer pot-luck social. Thanks to our hosts and to the coordinator!

The Library Telescope Program is taking over the world. The St. Louis Astronomy Club has placed 88 library scopes in the greater St. Louis, Mo. area. The Aldritch Astronomical Society in central Massachusetts has placed over 65 scopes. There is LTP activity in New Zealand, Poland, Israel, London, PEI, and others. The Astronomical League is promoting the LTP.

### The Future Is Now

We will hold club observing nights at Benedictine Park in Bedford, 7-11 PM, on August 16, and September 23. Each of these events needs a coordinator.

**Gary Duranko**, our coordinator for the New England Fall Astronomy Festival (NEFAF), reports that this year's event will be September 9 and 10 at UNH. HAS will conduct sky watches both nights and solar observing in the daytime. NHAS possibly will have an indoor booth, perhaps with a display related to the 2017 total solar eclipse. NHAS will give two presentations on "What's Up in Tonight's Sky". There is still a 1/2-hour slot on Saturday for someone to talk about NHAS.

Contact Gary at [duranko@myfairpoint.net](mailto:duranko@myfairpoint.net) if you're interested in helping out.

The *Nashua Telegraph* ran an article on new street lighting in

Nashua. There is a meeting on Tuesday July 26 to discuss options for LED lighting.

### YFOS

**Larry Lopez** reports that three volunteers did the mowing. **Joel Harris** is finished with the work on the C14 except for the focuser.

### Educational Outreach

**Steve Rand** reports that four library telescopes were built this month.

### Membership

**Larry LaForge** is our new Membership Chairman. He has been researching ways to attract younger members. They are more attuned to social media technology (Facebook, etc.). Larry proposed setting up a MeetUp website to coordinate meetings and events such as sky watches. There is a fee and you have to set up an organizer.

He also proposes more postings to Facebook and Twitter. **Larry Gardner Gerry**, and **Matt Marulla** are running the NHAS Facebook presence.

**John Bishop**, as president, authorized the \$10/month for a six month trial of MeetUp.

It was proposed that we get iPhone adapters for telescopes, as many sky watch participants want to take images with their cell phones. Larry will investigate devices, costs, and so on.

### Astronomy Shorts

"**Rags**" **Gilmore** has a free C8 dew shield.

**Mike Townsend** has an Astro-Physics 5" refractor and other equipment for sale.

**Marc Stowbridge** announced that **Paul Winalski's** name was

proposed for the Los Combres outreach award.

**John Bishop** reported seeing a bald eagle in Merrimack.

### Guest Speaker

**John Blackwell** presented "Chile: Land of Telescopes".

## The Bottom Line

<b>Starting Balance:</b>	<b>\$15312.08</b>
<b>Deposits/Credits:</b>	
Membership:	272.10
Donations:	435.00
Bank interest:	0.37
Subscription:	66.02
Extra years:	40.00
Ramaswamy (LED Headlamp):	17.00
Total :	830.49
<b>Accounts/Paid:</b>	
Rackspace Cloud :	58.01
Astronomical League:	257.50
Kalmbach Publishing:	102.00
Total:	417.51
<b>Net Account Balance:</b>	<b>\$15725.06</b>
<b>Petty cash drawer:</b>	\$100.00
<b>Cash Balance:</b>	<b>\$15825.06</b>

### Membership: 168

		Ind. Fam.	
Cash Renewals:	2	2	80.00
Cash New:	0	0	0.00
PayPal Renewals:	2	1	67.37
PayPal New:	4	1	124.73
Total:	8		272.10

### Current Members: 176

31 Family  
122 PayPal

### New Members:

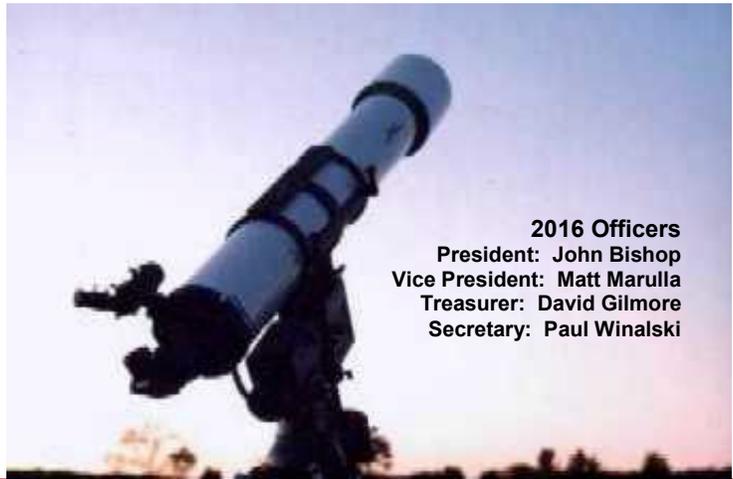
**Tom Peno**, Northumberland  
**Mary Ann Krebs**, Dover  
**Russ Dumont** Hooksett

Scott Eich, Manchester

**Donations:**

Laconia Public Library	325.00
KRES of Bradford 3 <sup>rd</sup> Grade Class	
	100.00
John Russel	10.00

✧ David Gilmore  
NHAS Treasurer 2016



**2016 Officers**  
**President: John Bishop**  
**Vice President: Matt Marulla**  
**Treasurer: David Gilmore**  
**Secretary: Paul Winalski**

**DEADLINE August 2016 Issue: 5 September 2016**

E-mail articles to the Editor.

**CHANGE OF ADDRESS** – Notify the Treasurer of changes to postal or e-mail address.

**How to Join N.H.A.S.**

**Write to us:**

NHAS  
 P.O. Box 5823  
 Manchester, NH 03108-5823  
 Attn: Treasurer

**Send E-mail to:**

[info@nhastro.com](mailto:info@nhastro.com)

**Use our web site:**

<http://www.nhastro.com/>

**This month's contributors:**

David Gilmore, Paul Winalski

**New Hampshire Astronomical Society**  
**P.O. Box 5823**  
**Manchester, NH 03108-5823**



**NHAS Upcoming Events**

<b>Event</b>	<b>Date</b>	<b>Time</b>	<b>Location</b>
Merrimack Parks & Recreation Sky Watch	August 1	8:00 PM	Wasserman Park, Merrimack NH
Castle in the Clouds Sky Watch	August 2	8:00 PM	455 Old Mountain Road, Moultonborough NH
Discovery Center Sky Watch	August 5	7:00 PM	McAuliffe-Shepard Discovery Center, Concord NH
Coffee House Night	August 6	5:00 PM	YFOS
Rey Center Sky Watch	August 6	9:00 PM	Curious George Cottage, Waterville Valley NH
Castle in the Clouds Solar Observing	August 8	10:00 AM	455 Old Mountain Road, Moultonborough NH
Madison Old Home Week Sky Watch	August 9	8:00 PM	Burke Field, Village Road, Madison NH
Hooksett Public Library Sky Watch	August 10	8:00 PM	31 Mount St. Mary's Way, Hooksett NH
Sidewalk Astronomy	August 13	6:00 PM	Market Square, Portsmouth NH
NHAS Monthly Meeting	August 19	7:30 PM	McAuliffe-Shepard Discovery Center, Concord NH
Calumet Camp Solar Observing	August 22	11:00 AM	1090 Ossipee Lake Road, Freedom NH
Gunduz Home School Sky Watch	August 22	7:30 PM	Gunduz Residence, Hudson NH
Calumet Camp Sky Watch	August 23	8:00 PM	1090 Ossipee Lake Road, Freedom NH
Gafney Library Sky Watch	August 23	8:00 PM	Turntable Park, 3 High Street, Sanbornville NH

Calumet Camp Sky Watch	August 24	8:00 PM	1090 Ossipee Lake Road, Freedom NH
Calumet Camp Sky Watch	August 25	8:00 PM	1090 Ossipee Lake Road, Freedom NH
Lane Memorial Library	August 25	8:30 PM	North Beach, 931 Ocean Boulevard, Hampton NH
NHAS Club Observing	August 26	7:00 PM	Benedictine Park, Bedford NH
Calumet Camp Sky Watch	August 26	8:00 PM	1090 Ossipee Lake Road, Freedom NH
Wilton Public Library Sky Watch	August 30	7:00 PM	7 Forest Road, Wilton NH