



NHAS September 2016 Business Meeting

The September business meeting was held at St. Anselm College, our Vice President, **Matt Marulla**, presiding.

News

Comet 332P/Ikaya-Murakami broke up after going around the Sun.

The mystery of the red splotch on Pluto's companion, Charon, has been resolved. It is caused by methane out-gassing from Pluto and condensing on Charon's pole.

The European Space Agency has released the most detailed Milky Way map to date. Using data from the Gaia spacecraft, it maps one billion stars.

NEFAF

NHAS was well represented at the New England Fall Astronomy Festival. About 300 people were there for the keynote speech.

Astronomical League

Ken Charles reports that NHAS was mentioned twice in a recent issue of *Reflector* magazine: **Megan Gialluca** for 2nd place in the youth awards, and **Walter Jablonski** for his sun spotter observing. Walter has been awarded the Lunar II certificate.

Other Business

Steve Forbes suggested that we should have a place on our website to thank corporations and towns that have helped NHAS out over time, such as the City of Manchester for donating the YFOS warming hut, and Harvey Industries for the windows.

Guest Speaker

Dr. Robert Wade presented "What Am I Going to Observe Tonight?", a review of AstroPlanner software.

The Bottom Line

Starting Balance:	\$16037.23
Deposits/Credits:	
Membership:	397.72
Bank interest:	0.41
Subscriptions:	31.99
Total :	430.12
Accounts/Paid:	
United Site Services :	73.39
Moonlight Focusers (C14 focuser):	357.00
Deluxe Checks (160 ct business check) :	125.98
Kalmbach Publishing:	34.00
Sky Publishing:	98.85
Total:	704.39
Net Account Balance:	\$15762.96
Petty cash drawer:	\$100.00
Cash Balance:	\$15862.96

Membership: 181

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Cash Renewals:	3	0	90.00
Cash New:	0	0	0.00
PayPal Renewals:	6	2	192.40
PayPal New:	4	0	115.32
Total:	13		397.72

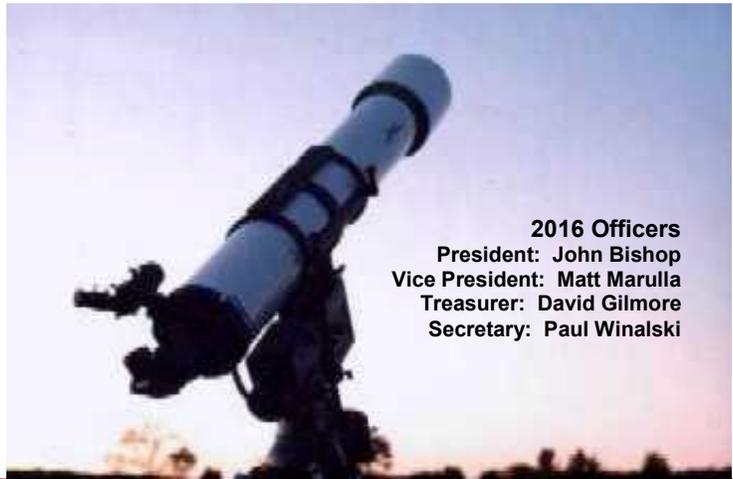
Current Members: 194

33 Family
128 PayPal

New Members:

Christy Prosser, Manchester NH
John Harper, Union NH
Robert Russo, Middleton NH
Geoffrey Allen

* David Gilmore
NHAS Treasurer 2016



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

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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:

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

Send E-mail to:

info@nhastro.com

Use our web site:

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

This month's contributors:

David Gilmore, Paul Winalski

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NHAS Upcoming Events

Event	Date	Time	Location
Rey Center Sky Watch	October 1	8:30 PM	Curious George Cottage, Waterville Valley NH
GSAMA Aviation Day	October 2	9:00 AM	Concord Municipal Airport, Concord NH
Barrington Public Library Sky Watch	October 5	7:00 PM	105 Ramsdell Lane, Barrington NH
Capt, Samuel Douglass Acad. Sky Watch	October 7	7:00 PM	24 Townsend Hill Road, Brookline NH
Discovery Center Sky Watch	October 7	7:00 PM	McAuliffe-Shepard Discovery Center, Concord NH
Sidewalk Astronomy	October 8	6:00 PM	Market Square, Portsmouth NH
Pease Public Library Sky Watch	October 8	7:00 PM	Pease Public Library, Russell St., Plymouth NH
Hill Library Sky Watch	October 11	7:00 PM	1151 Parker Mountain Road, Strafford NH
NHAS Monthly Meeting	October 14	7:30 PM	McAuliffe-Shepard Discovery Center, Concord NH
Cub Scout Pack 610 Sky Watch	October 15	8:30 PM	25 Keyes Hill Road, Pelham NH
Auburn Public School Sky Watch	October 20	6:30 PM	Preston Field, Auburn NH
Dunbarton Public Library Sky Watch	October 21	7:00 PM	1004 School Street, Dunbarton NH
Court Street Arts Sky Watch	October 23	7:00 PM	75 Court Street, Haverhill NH
High Mowing School Sky Watch	October 25	7:00 PM	222 Isaac Frye Highway, Wilton NH

Concord High School Sky Watch	October 27	7:00 PM	White Farm, Clinton Street, Concord NH
NHAS Ghost Hunt	October 28-29	6:00 PM	Wickett Residence, Lyndeborough NH
Coffee House Night	October 29	5:00 PM	YFOS