

Astrofiles

Auburn Astronomical Society E-Newsletter November, 2012

Archived editions at: <http://www.auburnastro.org/> & click on "**Astrofiles**"
Use **Ctrl-Click** to follow links in the MS WORD and RTF files

In this Issue

[Events Calendar](#)
[Public Stargazes](#)
[Magazine Subscription/Renewal](#)

[Web Links](#)
[Member News](#)

Events Calendar

We'll hold our **monthly meeting** on **Friday, November 2**, at 7:45PM, in room 215 of Davis Hall, the Aerospace Engineering Building. Remember that this is another home game weekend and parking will be more of a problem. I'll need to sit this one out again.

Our **dark-sky star party** will be on **Saturday, November 17**, in conjunction with the **Tuskegee Airmen NHS Stargaze, near Tuskegee**.

Nov. 2, Monthly AAS meeting
Nov. 7-11, [Deep South Regional Star Gaze](#)
Nov. 17, **Tuskegee Airmen NHS Stargaze**

Public Stargazes

On Thursday evening, October 18, Frank Ward, Tom McGowan, Ray Kunert, and your editor, arrived at 6:00pm at Thompson Park (ball park across from Blount Elementary School) in Montgomery as part of the school's Fall Festival Stargaze for their fourth and fifth grade students. Thanks to fifth grade teacher, Terry Dotherow, and second grade teacher Priscilla Tubbs, who first arranged the stargaze back in the spring at Astronomy Day. Thanks also to Tiffany Andrews, Fall Festival coordinator for helping to coordinate the event. [Photos](#)

Nov. 17, [Tuskegee Airmen NHS Stargaze for Kids Astronomy Camp](#). See [DIRECTIONS](#) on their Website. We'll set up the telescopes near the upper parking lot. [Please let me know](#) if you can help with your telescope.

Dec. ??, **Mary Olive Thomas Demonstration Forest** (TBA)

Jennifer Lolley has asked that we help with the Forest Ecology Preserve stargaze at the Mary Olive Thomas Demonstration Forest, in December. The Saturdays of **December 8 and 15** are best, astronomically. Let's discuss this at our November meeting to see who's available. [Please let me know if you can help with your telescope.](#)

TBA ?? **Webelos Stargaze** for Cub Scouts in Montgomery

We should probably firm up our earlier request first, then pick a date for the Webelos. This pack meets on Tuesday nights, at 6:30, at St. James Methodist Church on Vaughn Road, in east Montgomery. Possible dates near 1st quarter moon are: November 20 and December 18. [Please let me know if you can help with your telescope](#) on either of these dates. Here, is a list of what we need to talk to the boys about:

Allen Gilbert wrote:

I will look to a future date that would be convenient for the scouts to get a class on astronomy from you and work towards some of their requirements.

Below are the requirements for the Astronomy Belt Loop and Pin. Our first goal is to meet the requirements for the pin, but any other requirements we complete from your class and instructional period is also appreciated.

Belt Loop Requirements

Complete these three requirements:

1. Set up and demonstrate how to focus a simple telescope or binoculars.
2. Draw a diagram of our solar system--identify the planets and other objects.
3. Explain the following terms: planet, star, solar system, galaxy, the Milky Way, black hole, red giant, white dwarf, comet, meteor, moon, asteroid, and universe.

Academics Pin Requirements

Earn the Astronomy belt loop, and complete five of the following requirements:

1. Draw a diagram of a telescope and explain how it works.
2. Locate and identify five constellations. You may use a telescope.
3. Using a telescope, find at least one planet and identify it.
4. Find the North Star. Explain its importance.
5. Interview an astronomer. Learn about careers that relate to Astronomy. What school subjects will help you get a job in astronomy?
6. Visit an observatory or a planetarium. Give a report on what you learned to your den.
7. Make a poster illustrating the different kinds of stars. Include a diagram showing the life cycle of a star.
8. Learn about some of the early space missions. Tell your den or family about one of them.
9. Find a current event about a recent happening related to space. Tell your den or family about this event.
10. Make a chart to show the phases of the moon over a two-month period. Define a blue moon.
11. Write a report on two famous astronomers.
12. Locate three major observatories on a map. Explain why these locations are good for astronomy.

I look forward to working with you in the near future.

Sincerely,

Allen L. Gilbert, LtCol USMC
Marine Advisor

Magazine Subscription & Renewal

[John B. Zachry](#)

I just wanted to let you know so far I have only four club subscriptions for *Sky & Telescope* and 4 club subscriptions for *Astronomy* magazine. I'll send them in as soon as I get 5 of each. I will be taking club subscription orders for *Sky & Telescope* and *Astronomy* magazines again at the November meeting. To qualify for the discount, I need five members to order ***Astronomy*** magazine at \$34.00/year. ***Sky & Telescope*** subscriptions are \$32.95/year. **Any later than mid November we can't guarantee you won't miss an issue.**

Remember, you can order club subscriptions to *Astronomy* magazine anytime after we qualify for 2013. I can order club subscription to *Sky & Telescope* magazine anytime. Send checks made out to **Auburn Astronomical Society**, to:

Mr. John Zachry, Secretary/Treasurer
501 Summerfield Road
West Point GA 31833

Web Links

From: Andy Camerio, **[Deep Space For Dummies](#)**: <http://www.wimp.com/darksky/>

From Brian Combs, "This image of **[Jupiter and Ganymede](#)** was taken under good seeing and fair transparency":
<http://www.bcastropics.com/img/gallery/3/Jup_L_06_10_2012_085022_q3_q15-RGB5-set_full.jpg>

Member News

From: John B. Zachry, **[Astronomy App Help Needed](#)**

I will got my new Apple iPod 5 touch this week. I've seen some people point there iPhone up at the sky and they get to see the identity of stars and planets in their view. Do you know what this App is called? Would like to know if there are any other good astronomy Apps I should get?

New recruits from the [society's Facebook page](#) on our mail list now include: **Wes Schwarz, Jesseca Cornelson**, and **Scott A Cook**. Welcome all! We look forward to meeting you and seeing you at our society events.

Hope you can make it to the meeting,

Russell