

The Observer

SAN BERNARDINO VALLEY AMATEUR ASTRONOMERS

Member of The Astronomical League

<http://sbvaa.org/>



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Since 1958

November, 2016

Meeting:

November 12, 2016

Location:

First Christian Church
2102 E. Foothill Dr.
San Bernardino, CA

7:00 p.m.

Pre-meeting Dinner,
5:00 to 6:30 p.m.,

Pepper Steak
Restaurant
26589 Highland
Ave.
Highland, CA

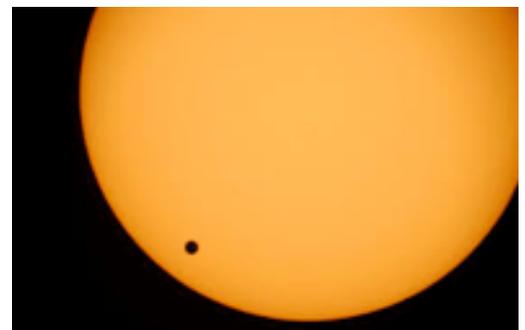
After the meeting telescopes will be set up for viewing and members will be available to answer questions. Bring your telescope to observe with us.

*No telescope is too humble,
and beginners are always
made welcome!*

Program

Astrophotography:
Still & Time-lapse

Club president Rue & associate editor Megan will present a showing of some of their work with time-lapse video and still photography which will include a solar eclipse, the transit of Venus and various deep space objects. We may also see some footage of star parties and various club members. (You may have your moment of fame right here!)



SBVAA Officers

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Calendar of Upcoming Events

Nov 9, Lincoln School, Colton

Nov 10, Outreach, Terrace View School

Nov 12, Club Meeting

~~Nov 26, Star Party (location TBA)~~
Nov. Star Party cancelled

Dec 3, Annual Holiday Get-together
Shakey's Pizza, Redlands

Dec 8, Outreach, Woodrow Wilson Sch.
Colton

Jan 28, Outreach, White Water

The following is a very nice "thank you" letter from the principal at Dunlap School in Yucaipa. Our outreach there on October 6, was a huge success.

10/6/16

Dear SBVAA,

Many thanks for all your group provides for students to learn about astronomy!
Thanks for making our evening great!

Blessings,
Susan Courts
Dunlap Elementary School

2017 Calendars are Here!

Fidel has the new S&T calendars. He says they are going fast so if you want one, see Fidel ASAP.





Tom, Bob, Chris & Fidel received their outreach certificates from the Astronomical League at the September meeting.

Our club is becoming much more active in helping members achieve observing and public service certificates.

FOR SALE

Apogee brand 25 x 100 binoculars.
Including tri-pod. \$125

Contact Fidel Hernandez
909-864-0615



(Photo credit: Alan Strauss, Lost Pleiad Observatory)

The Pleiades

In Greek mythology, the Pleiades were the daughters of the Titan Atlas and the Oceanid Pleione. There were seven of these sisters, and they are named Alcyone, Celaeno, Electra, Maia, Merope, Sterope, and Taygete. Many of these daughters of Atlas played important roles in myth. Indeed, the Pleiades must have had considerable charms, for several of the most prominent male Olympian gods (including Zeus, Poseidon, and Ares) engaged in affairs with the seven heavenly sisters - and inevitably, these relationships resulted in the birth of children:

Alcyone | mother of Aethusa

Celaeno | mother of Lycus

Electra | mother of Dardanus and Iasion

Maia | mother of Hermes

Merope | mother of Glaucus

Sterope | mother of Oenomaus

Taygete | mother of Lacedaemon



(greekmythology.com)

One of the most memorable myths involving the Pleiades is the story of how these sisters became, quite literally, stars. According to some versions of the tale, all seven sisters committed suicide because they were so saddened by the loss of

their siblings, the Hyades. In turn Zeus, the ruler of the Greek gods, immortalized the sisters by placing them in the sky. There these seven stars formed the constellation known thereafter as the Pleiades.



(Arecibo Observatory)

The Greek poet Hesiod mentions the Pleiades several times in his *Works and Days*. As the Pleiades are primarily summer stars, they feature prominently in the ancient agricultural calendar. Here is a bit of advice from Hesiod:

"And if longing seizes you for sailing the stormy seas,
when the Pleiades flee mighty Orion
and plunge into the misty deep
and all the gusty winds are raging,
then do not keep your ship on the wine-dark sea
but, as I bid you, remember to work the land."



(NASA APOD)