

# CALL OF THE CANYON

NOVEMBER 2022

## November Calendar of Events

### Sandstone and Sunset

Watch the colors of sunset paint the canyon with all new hues as you learn about the geology that formed these rolling hills of sandstone.

**Friday, 11/04 5:30 pm-7:00pm**

### Crepuscular Crawl

Desert temperatures can push the wildlife of the canyon to be active at dusk and dawn. Learn what it means to be crepuscular, and gain some insight into the life of our animal neighbors.

**Sun, 11/06 5:15pm-6:45pm**

### Meet the Author

Discover the only permanent source of water in Snow Canyon on this adventure. Water writes the story of the world, come see our chapter.

**Sun, 11/13 10:00 am- 11:30 am**

### Lava Headwaters

Where did all this lava rock come from? Join Park Naturalist on a hike up one of the more difficult spots in the park, our own volcano! Learn about the more eruptive history of Snow Canyon.

**Sun, 11/20 10:00am- 11:30am**

### Planet Party

Mars, Jupiter, Saturn, and Uranus will be making an appearance this week. Join Snow Canyon in the celebration of their arrival!

**Sat 11/26, 6:00 pm - 7:30 pm**

### Mojave Desert Reptiles

Throughout the month we will have pop-up educational booths at different locations. Come find us to test your knowledge of Mojave reptiles! Follow us on Instagram to get updates.

*No registration required.*

*All listed events are free and open to the public.*

*Space is limited; registration required unless otherwise noted.*

***Program registration is held two days preceding the scheduled event.***

*Register by phone or in person. For more information or to register for a program contact park staff at (435) 628-2255.*

# Planets and the Pleiades

## November and the Night Sky

Halloween, All Hallows Eve, Samhain. Whatever you choose to call it, this day has astronomical significance. So what does a day of Trick-or-Treating have to do with the stars and planets? If you look to the Eastern Sky in the late October evenings you will see an open cluster of stars,



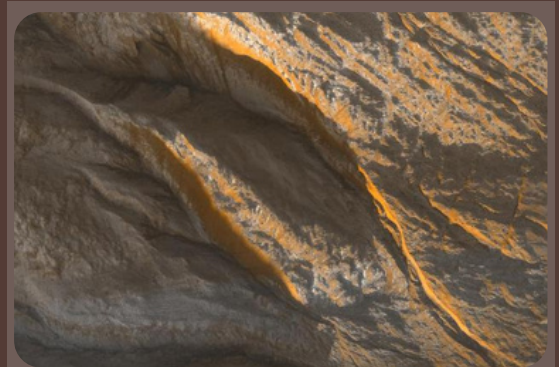
An infrared image of the Pleiades courtesy of NASA. The Pleiades is the inspiration for the Subaru logo.

known as the Pleiades of rise after sunset. This marked the beginning of Fall for the ancient Celts. In Celtic tradition, and many other ancient religions, fall is a time to celebrate the dead, and a time when the spirits walked among the living. This belief holds the roots of our modern Halloween.

This November is also a great time for planet viewing. Jupiter, Saturn, Uranus, and Mars will all be up in the night sky this month. Jupiter and Saturn are already shining bright. Jupiter can be found in the Pisces constellation, located in the Southwestern sky. Look to Capricornus for Saturn, and as November goes on, Mars will peak out with Taurus, opposite of the Pleiades.

Uranus will be up, but not be visible with the naked eye. Binoculars are needed at a minimum, and a telescope would come in quite handy.

Join Park Ranger-Naturalist on November 26th to view the planets in a telescope and learn more about Earth's neighbors.



Gullies on the surface of Mars. Courtesy of NASA

### **Snow Canyon State Park**

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