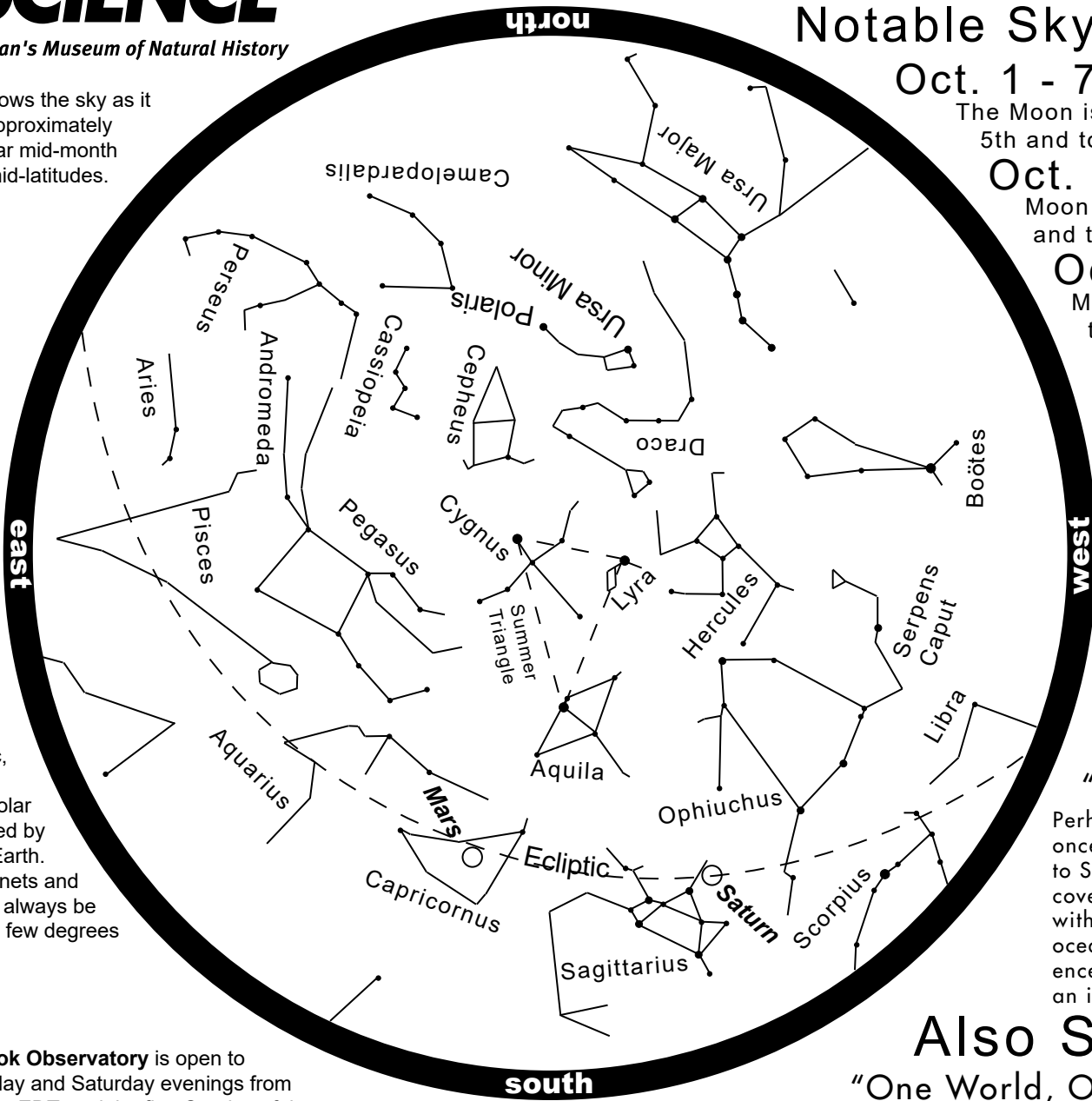


OCTOBER 2018

Notable Sky Happenings



This chart shows the sky as it appears at approximately 8pm EDT near mid-month at northern mid-latitudes.



What is that dashed line? It's the ecliptic, the reference plane of the solar system, defined by the Sun and Earth. The major planets and the Moon can always be found within a few degrees of this plane.

Oct. 1 - 7

The Moon is above Regulus, the "heart" of Leo, on the 5th and to the lower left on the 6th (E predawn).

Oct. 8 - 14

Moon is above Jupiter on the 11th (WSW evening) and to the right of Saturn on the 14th (SSW eve).

Oct. 15 - 21

Moon is to the right of Mars on the 17th and to the left on the 18th (SSE evening). The Orionid meteor shower peaks on the night of the 21st-22nd, but light from the Moon will interfere with spotting fainter meteors.

Oct. 22 - 31

Moon is to the lower right of Aldebaran, the "eye" of Taurus the bull, on the 27th (WSW predawn).



Now Showing

"Saturn: Jewel of the Heavens"

Perhaps the most elegant planet in our solar system, once place of mystery, the Cassini-Huygens mission to Saturn unveiled worlds of vibrant wonder. Discover the mystery of Saturn's rings, explore moons with atmospheres and lakes and even frozen over oceans blowing geysers into space. See the differences in the makeup of the bodies around Saturn, an interacting system of gas giant and moons.

Also Showing

"One World, One Sky: Big Bird's Adventure"

When Elmo's friend, Hu Hu Zhu, visits from China. Big Bird, Elmo and Hu Hu Zhu take viewers on an exciting discovery of the Sun, Moon, and stars. They learn about the Big Dipper and the North Star and take an imaginary trip to the Moon where they learn that the Moon is a very different place.

For astronomy information visit <http://science.cranbrook.edu>

The Cranbrook Observatory is open to the public Friday and Saturday evenings from 8:30 - 10:00pm EDT, and the first Sunday of the month from 1:00 - 4:00pm for solar viewing. Come have a look through our 6" telescope! For observatory information visit <http://science.cranbrook.edu/explore/observatory>