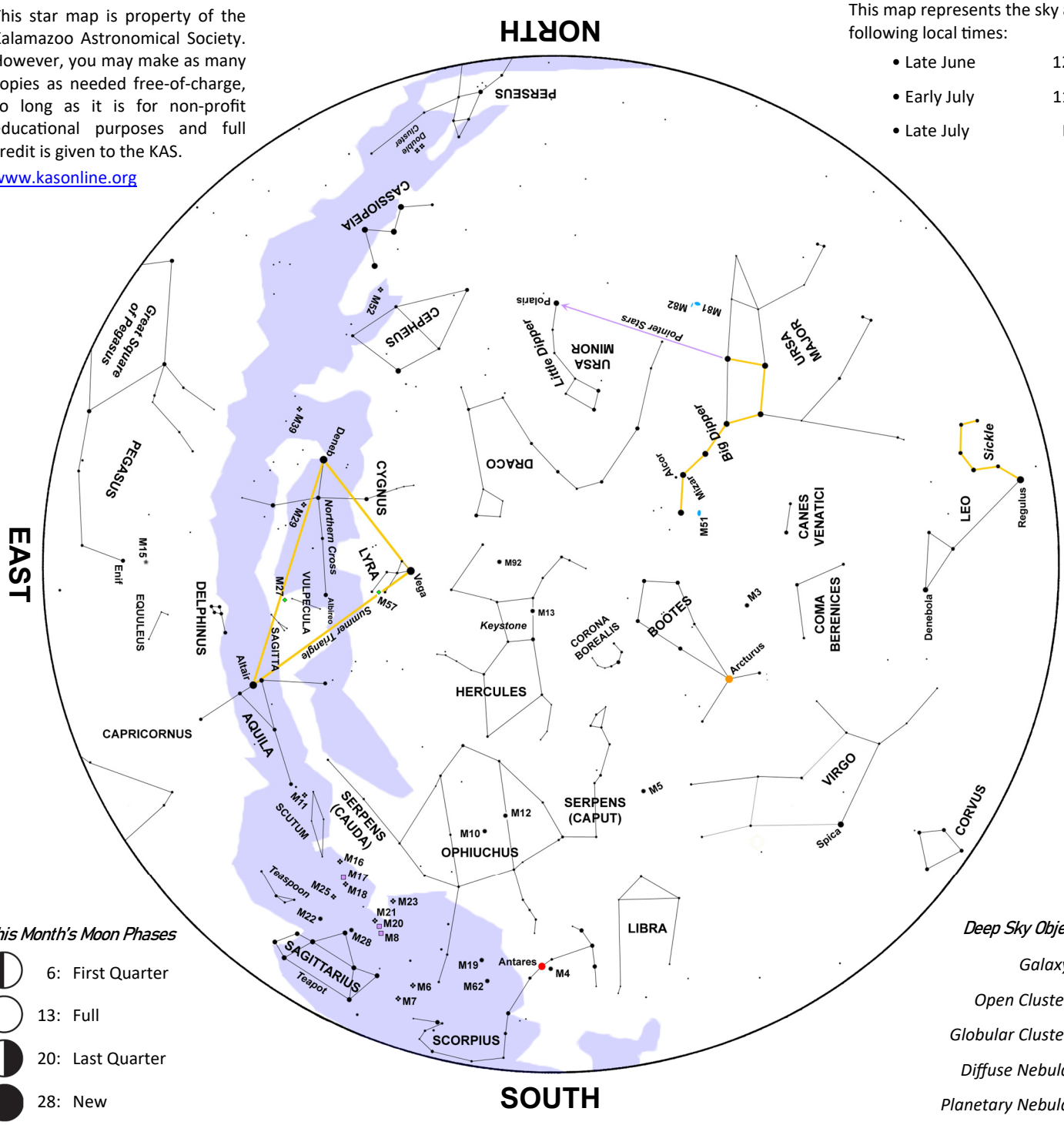
July Night Sky

This map represents the sky at the following local times:

- Late June 12 am
- Early July 11 pm
- Late July Dusk



This Month's Moon Phases

- 6: First Quarter
- 13: Full
- 20: Last Quarter
- 28: New

Deep Sky Object Key

- *Galaxy*
- *Open Cluster*
- *Globular Cluster*
- *Diffuse Nebula*
- *Planetary Nebula*

Look for a waxing gibbous Moon 2° to the upper left of red-orange supergiant star Antares, the heart of Scorpius, on the evening of July 10th. View the pairing with binoculars and see if you can spot the globular cluster M4, located just over 1° to the west of Antares.

Early risers on July 17th can enjoy Venus, Aldebaran (in Taurus), Mars, Jupiter, a waning gibbous Moon, and Saturn on parade above the southeastern horizon. Enjoy this sight shortly before dawn breaks.

The Moon and Jupiter are 3° apart in the hours before dawn on July 19th. This time, when viewing them with binoculars, see how many of the Galilean moons you can spot. On July 21st, the Moon visits Mars. The two are about 2½° apart.

A slightly different arrangement of solar system objects greets early risers on July 24th. This time we find Venus, a waning crescent Moon, Mars, Jupiter, and Saturn all in a long line before sunrise.

A thin crescent Moon, just 2 days before new, and Venus are about 3½° apart in Gemini at dawn on July 26th. Viewing the pair together in binoculars is a must!