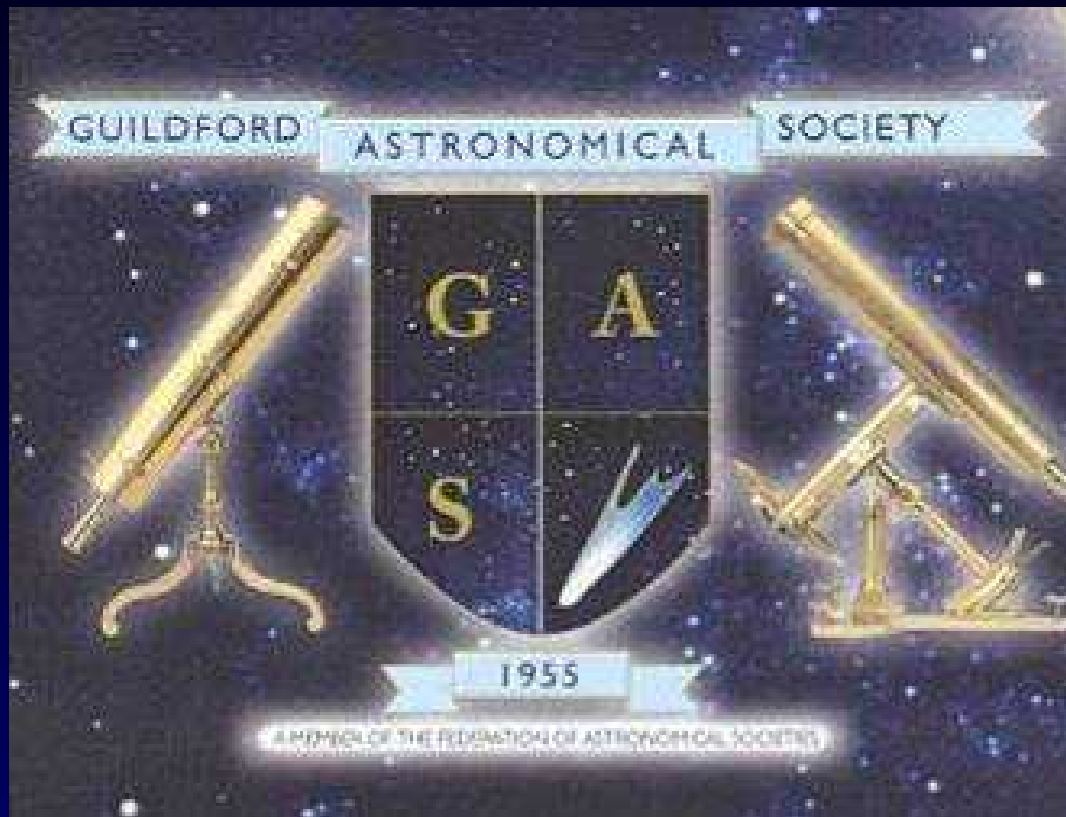
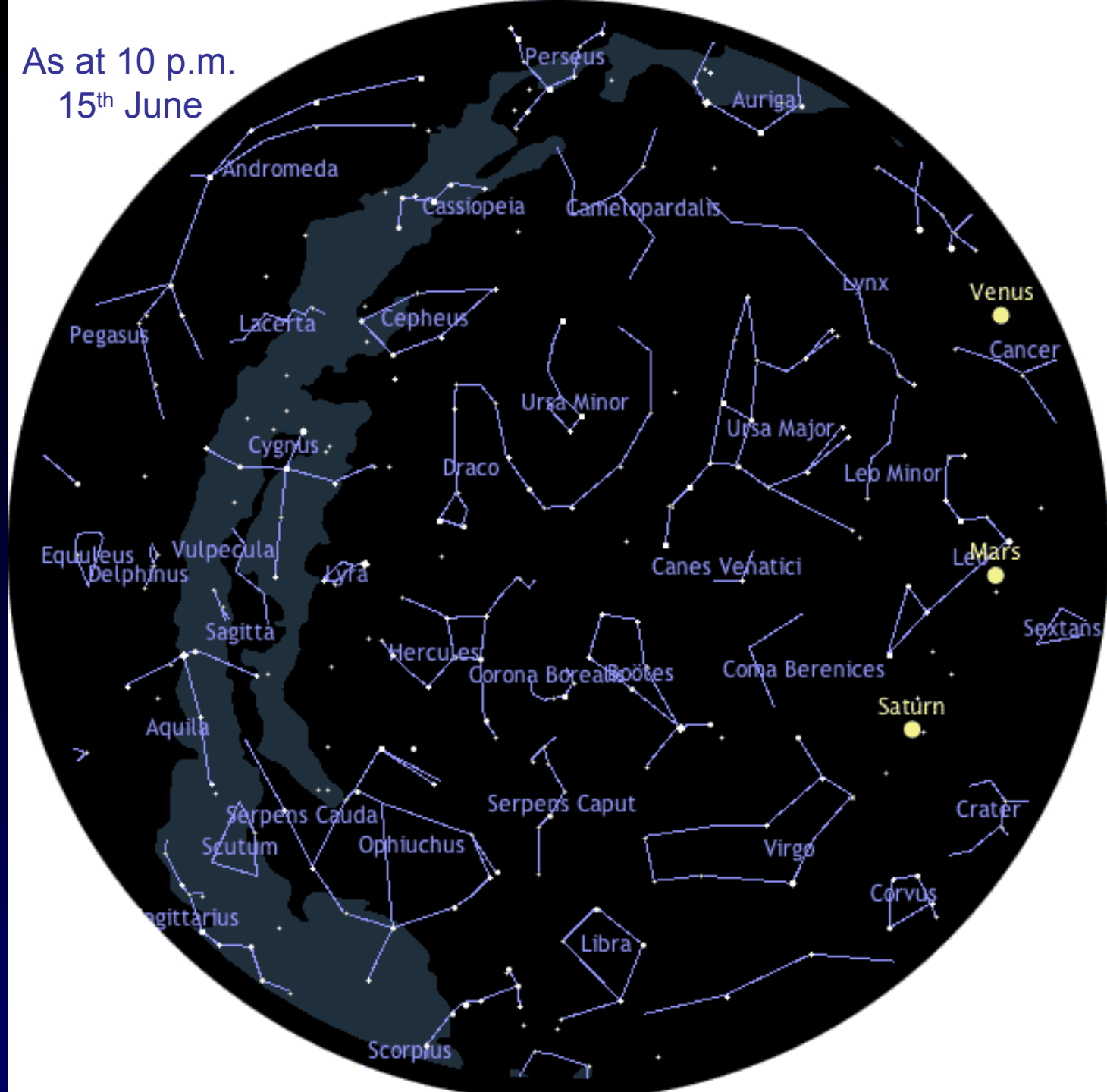


What's Up!

3rd June 2010



As at 10 p.m.
15th June



What's Up - Planets

- **Mercury**
 - Not visible again until September
- **Venus**
 - Visible throughout the month, very low after sunset, at Mag -3.9, gibbous disc, 15" disc
- **Mars**
 - Fading. Evening object in Leo. Mag +1 and very small disc of only 6"
- **Jupiter**
 - Morning object rising 2am at start of month, but at midnight at end. Mag -2.3 and 38" disc
- **Saturn**
 - Still fairly well placed, South in Virgo at Mag +1 and 17.7" disc
- **Uranus**
 - Stays close to Jupiter throughout month. Mag +5.9, 3.5" disc
- **Neptune**
 - Improving, a morning object in Aquarius, Mag 7.9, 2.3" disc

What's Up – June's Photo Opportunities

- **2nd** : Ceres passes through southern part of M8, Lagoon Nebula
- **6th** : Jupiter just 0.5° South of Uranus
– also Mars just 1° from Regulus
- **7th** : Comet C/2009 R1 (McNaught) just 2° from gamma Andromedae
- **8th** : McNaught only $\frac{1}{4}^\circ$ from NGC 891 (edge-on spiral)
- **10th** : McNaught only 1° from M34 (open cluster)
- **21st** : Venus just $\frac{1}{2}^\circ$ North of M44, Beehive

What's Up – Meteors

- Ophiuchids (low rates – 5 per hour)
 - 10th : 1st maxima, fairly favourable Moon
 - 20th : 2nd maxima, favourable Moon

What's Up – Comets

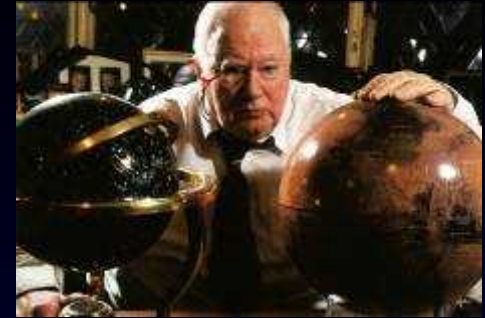
- Comet C/2009 R1 McNaught
 - Moving through bottom of Pegasus into Andromeda

What's Up – Occultations

- 29th 00.41 BST rho Capricorni reappears

Astronomy on TV & Radio - JUNE

- **The Sky at Night**
 - *“Star Birth”*



- Sir Patrick Moore looks at new images of star-forming areas of our galaxy from ESA's Herschel telescope.

Sunday 6th, BBC 1, 23.55 hrs

Tuesday 8th, BBC 4, 19.30 hrs

Wednesday 9th, BBC 4, 02.45 hrs

Astronomy on TV & Radio - JUNE

- **The Reith Lectures 2010**

- *Prof Martin Rees*



- The Astronomer Royal will focus on the role of science as a common culture and the scope and limits of our scientific understanding. He also discusses how science might transform our lives in the rest of the 21st century

Every Tuesday from 1st – 22nd June

BBC Radio 4, 09.00 – 09.45 hrs

Meetings at Local Societies

- **Tuesday 8th June**

- **Farnham AS** : “Supernovae, Monasteries to Light Echoes”, Guy Hurst

- **Friday 11th June**

- **Ewell AS** : “Total Eclipses”, Jerry Workman

- **Friday 18th June**

- **Crawley AS** : “Astro Spectrography”, Jack Martin

