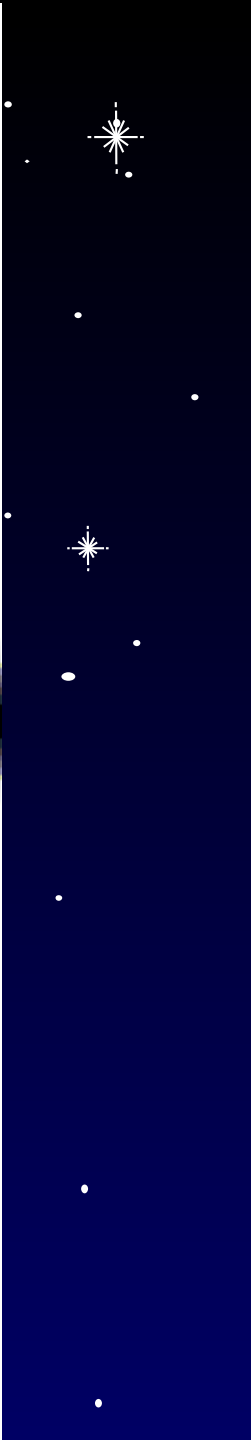
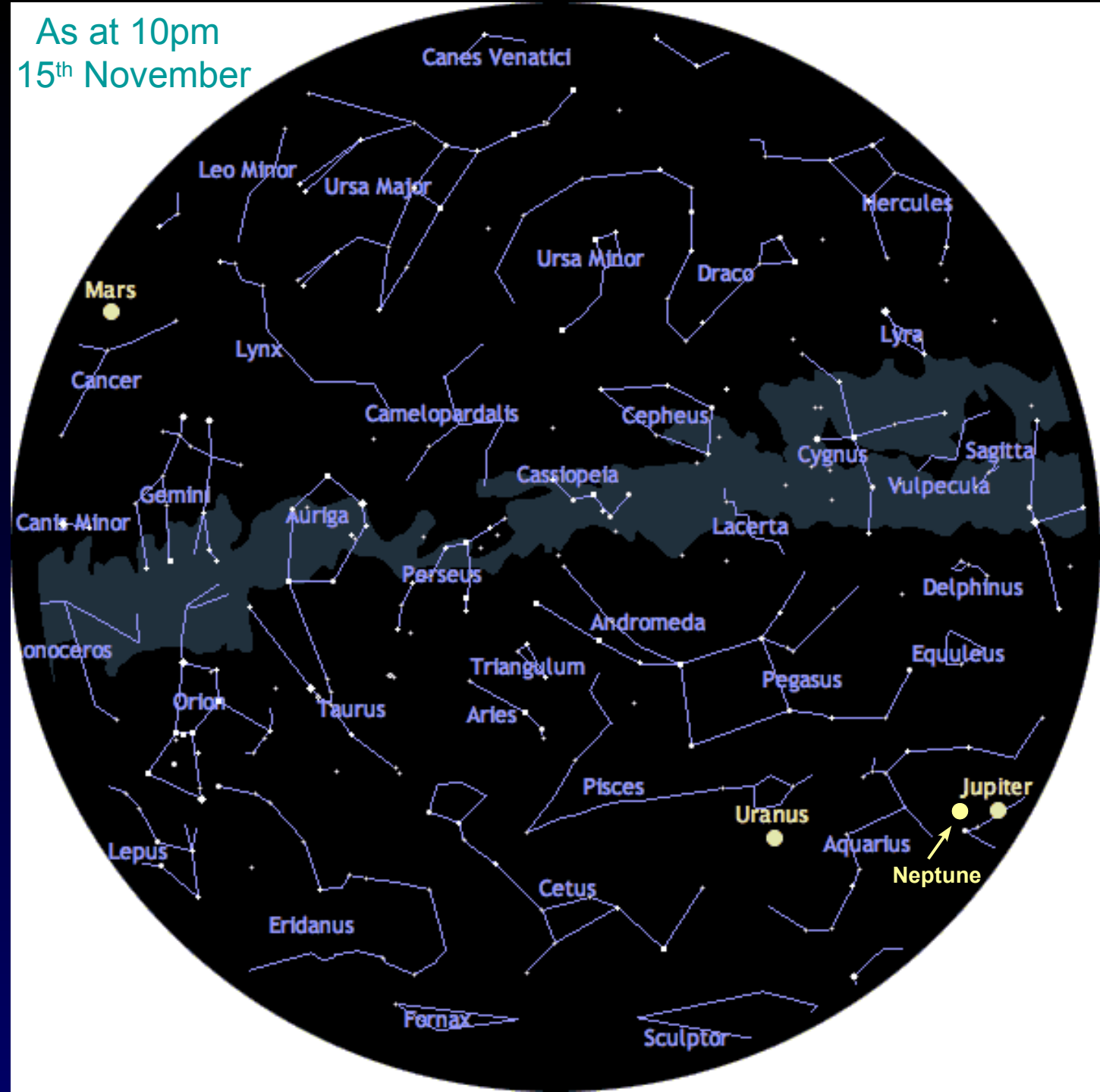


# What's Up!

5<sup>th</sup> November 2009



As at 10pm  
15<sup>th</sup> November



# What's Up - Planets

- **Mercury**

- unobservable

- **Venus**

- Mag -3.8 with 10" disc, but low on horizon in the SE, early morning

- **Mars**

- Mag +0.4 to -0.1, small 9" disc, rising just before midnight at start, by 22.00 at end of month

- **Jupiter**

- Past its best, mag -2.1 with 40" disc, low in Capricorn

- **Saturn**

- Mag +0.4 16" disc, morning, rises around 04.00 hrs, best towards end of month.

- **Uranus**

- Mag +5.8 only a 3.5" disc, well placed in Pisces

- **Neptune**

- Still just a few degrees from Jupiter but at mag +7.9 and only 2.5" disc

# What's Up - Phenomena

- **Meteors**

- 13<sup>th</sup> : Taurids 2<sup>nd</sup> maximum, favourable Moon
- 17<sup>th</sup>/18<sup>th</sup> : Leonids favourable peak, 100/hour
- Max at 02.00 hrs on 18<sup>th</sup>
- But possible short burst at approx 21.45 hrs for 7 mins
- Newlands Corner Meteor Watch

- **Occultations**

- No bright events this month

# What's Up - Phenomena

- **October's Photo Opportunities**

- Sunday 8<sup>th</sup> : Last quarter Moon just  $3.5^\circ$  South of Mars with M44 Beehive just  $2^\circ$  away to West
- 15<sup>th</sup> : 06.30 hrs 2% Moon just  $8^\circ$  West of Venus
- 17<sup>th</sup> : Try photographing the Leonids?

# Meetings at Local Societies

- **Thursday 1<sup>st</sup> December**

- Cody AS, “Stellar Collisions & Near Misses”
  - Tom Maccarone (Southampton Uni)

- **Friday 20<sup>th</sup> November**

- Crawley AS, “Relativity for the Non-Mathematician”
  - Konrad Malin-Smith

- **Tuesday 10<sup>th</sup> November**

- Farnham AS, “The History of Deep Sky Observing”
  - Alan Dowdell

# Other Meetings / Events

- **Throughout November**

- **Cosmos & Culture**

- Science Museum, London

- **Exhibition: Astronomy Photographer of the Year**

- Royal Observatory Greenwich

# Astronomy on TV & radio - November

- **The Sky at Night**
  - *“Lunar Impact”*



- *Sir Patrick & Chris Lintott look at results from LCROSS recent impact on the Moon*

**Friday 6<sup>th</sup> BBC4, 01.30**

**Saturday 7<sup>th</sup> BBC2, 15.40**