

# LUNA

Journal of the Lunar Section of the  
Society for Popular Astronomy

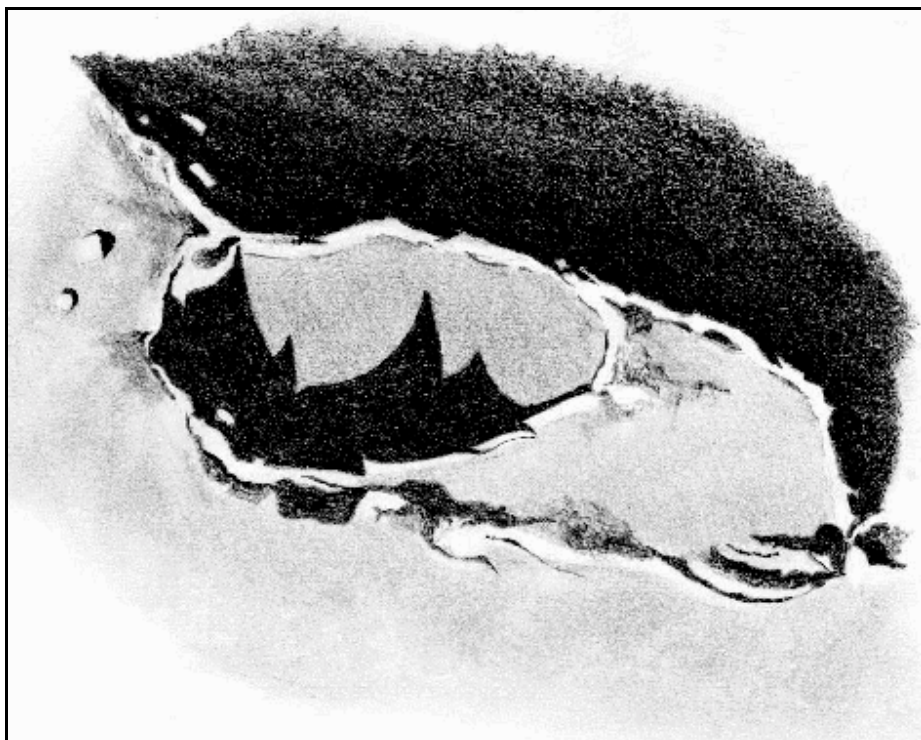
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## Sunrise over Endymion

**T**HIS impressive view of the crater Endymion was drawn by new SPA Lunar Section member Michael Hezzlewood of Burnley, Lancashire.

Endymion is a prominent dark floored walled plain 125km in diameter, located near the northeastern lunar limb. Michael's pencil drawing shows the crater's western wall on the sunrise terminator. Endymion's floor is half illuminated by sunlight, half immersed in shadow, divided by some dramatic shadow spires cast by the crater's eastern rim. Michael writes: "*Situated next to the terminator when the drawing was made, it shows strong shadows. I started drawing the crater thinking it would be an easy subject. The shadows however move rapidly near the terminator and this made the subject more difficult than anticipated.*"

Michael uses a 150mm refractor—an instrument with enough resolving power to reveal very fine lunar detail.



Observational drawing by Michael Hezzlewood (Burnley, UK)  
15 February 2002 18:30 UT Sun's Colong: 309.99°  
150mm OG x120 Seeing: All

## SELENOGRAPHER HONoured

### HAROLD HILL ACCEPTS HONOURARY SPA LUNAR SECTION MEMBERSHIP

**W**E are delighted to announce that the UK's most famous selenographer has accepted an invitation to become an honorary member of the SPA Lunar Section.

Harold Hill, of Orrell in Lancashire, has been observing the Moon since the early 1940s. He joined the British Astronomical Association and became an active member of its Lunar Section. His lunar observational work was immediately recognised as being first class, drawn with a high degree of accuracy. Since then

he has spent thousands of hours viewing the Moon and drawing its features. His systematic studies of the Moon's south polar region—one of the least well-known areas of the Moon's surface—have brought to light previously unknown topographic features and phenomena of illumination. His book *A Portfolio of Lunar Drawings* was published in 1991. The book showcases the tremendous range of Harold Hill's lunar work and his skill in capturing it in pencil and ink, from the most subtle features to the most sublime.



Harold Hill at his home in Orrell

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Lunar observations received

**John Bugler** (Poole, Dorset). 10x50 binoculars. 16 day old Moon, terminator features (28 Apr 2002); 18 day old Moon, terminator features (28 Jun).

**Daniel del Valle** (Puerto Rico). 200mm SCT. Cook (18 Dec 2001); Mare Crisium, Yerkes (1 Jan 2002); Cauchy, Rupes Cauchy & domes (3 Jan); Taruntius (17 Jan); Barrow (20 Jan); Bessarion A, B & C (25 Jan); Reiner (26 Jan); Kies and Kies Pi (21 Feb).

**Colin Ebdon** (Fordham Heath, Colchester). 250mm Newtonian. Prinz & Montes Harbinger (26 Nov 2001); Encke & Kepler (25 Dec); Aristarchus (26 Dec); Mare Crisium, Yerkes E (1 Jan 2002); Boussingault (28 Feb); Pingre (27 Mar); Kies (21 Apr); Zucchi (24 Apr); Weigel, Rost (22 May).

**Michael Hezzlewood** (Burnley, Lancashire). 150mm OG. Theophilus, Cyrillus & Madler (28 May 2001); Vallis Alpes (30 May); Endymion (15 Feb 2002).

**Harold Hill** (Orrell, Lancashire). 209mm SCT. Theophilus (19 Apr 1991); Franklin, Cepheus & Oersted (4 Oct 1993); Theophilus & Cyrillus (27 Dec 1995); Madler & Theophilus (25 Jan 1996); Franklin & Cepheus (11 Apr 1997).

**Edward Horsley** (Hartlepool, Tyne and Wear). 254mm Newtonian. Krieger (23 Feb 2002).

**Nigel Longshaw** (Chadderton, Lancashire). 150mm MCT. Doppelmayer J, K & L (26 Nov 2001).

**Grahame Wheatley** (Long Eaton, Nottingham). 240mm Newtonian. Northeastern limb, Endymion (1 Nov 2001); Vendelinus and floor detail (2 & 3 Nov); south polar region (4, 5 & 9 Nov, 6, 8, 25 Dec); north polar region (22 & 25 Nov, 21 & 22 Dec); southern limb / J Herschel detail (both 26 Nov); Pythagoras (28 Nov); Baade & Bouvard valleys (29 Nov); northeastern limb, Hahn / Mons Alhazen Alpha (both 1 Dec); Sabine & Ritter to Ross (6 Dec); Dorsa Smirnov (20 Dec); Riccioli, Miyamori Valley (28 Dec); Krasnov area, Mare Orientale / Eichstadt area, Mare Orientale (both 29 Dec); La Perouse (30 Dec); Mare Spumans (31 Dec); southern limb, Leibnitz Beta to M5 (2 Jan 2002); southern limb, Leibnitz Beta (3 Jan); Leibnitz Beta (4 Jan); Arago (19 Jan); north polar region, Scoresby, Byrd (20 Jan); Montes Teneriffe, Rupes Recti (22 Jan); Maestlin (24 Jan); Weigel (25 Jan); Inghirami, Vallis Bouvard (28 Jan); southern limb, two studies (29 Jan); southern limb, Demonax to Malapert Alpha (31 Jan); Leibnitz Beta (1 & 4 Feb); 'Ancient Newton' (20 Feb); Aristarchus & Krieger (23 Feb); south polar limb, Cabeus to Drygalski / Baade & Vallis Bouvard (both 26 Feb); Leibnitz Beta & Malapert Alpha / M1 to M5, Newton A (both 2 Mar); Mons Piton & Montes Alpes (21 Mar); Newton, south polar region (23 Mar); Herodotus / south polar region, M1 to M5 / Bailly (all 26 Mar); south polar region (27 & 28 Mar, 21, 23 & 24 Apr); southern Mare Australe, Hanno (29 Mar); Scott, Leibnitz Beta & Malapert Alpha (30 Mar); Tobias Mayer C & dome (22 Apr); south polar region (22 & 24 May).