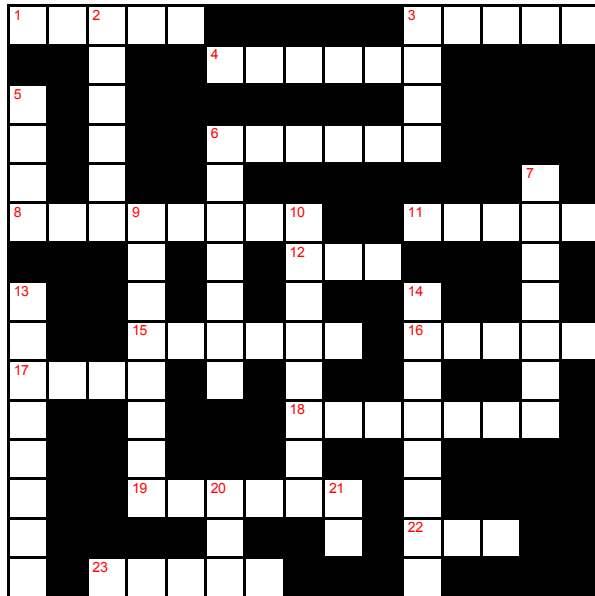


Planetary_System_15x15_2008-10-18

B.B. Huria



Across

- 1 A medium-sized icy object orbiting the Sun; smaller than a planet. (5)
- 3 The formless and disordered state of matter before the creation of the cosmos. (5)
- 4 Ratio of the amount of light reflected by an object to the amount of incident light. (6)
- 6 Uppermost level of the solar atmosphere, visible as a white halo during a solar eclipse. (6)
- 8 AURORA ____ - the Northern Lights; caused by the interaction between the solar wind, the Earth's magnetic field and the upper atmosphere. (8)

- 11 Shaped like an egg. (5)
- 12 Solidified water, methane, and ammonia occurring on various planets. (3)
- 15 A unit of astronomical length equivalent to 3.262 light years; also called sepcar. (6)
- 16 A natural hollow or sinus within the body. (5)
- 17 AU stands for astronomical _____. (4)
- 18 Orbits of the planets are _____s, not circles. (7)
- 19 An immense cloud of gas (mainly hydrogen) and dust in interstellar space. (6)

- 22 Magnetic field carried with the solar wind. (3)
- 23 A sudden eruption of intense high-energy radiation from the sun's surface; associated with sunspots and radio interference. (5)

volcano that collapses into a depression. (7)

- 7 A narrow, long and deep opening or crack. (7)

- 9 The sudden occurrence of a violent discharge of steam and volcanic material (8)

- 10 Of or relating to the stars or constellations. (8)

- 13 An elementary particle with zero charge and zero mass. (8)

- 14 The plane of the Earth's orbit around the sun. (8)

- 20 A unit of pressure equal to 0.987 atmosphere. (3)

- 21 A measurement unit equal to the average distance from earth to sun. (2)

Down

- 2 Shooting star or falling star. (6)
- 3 Luminous cloud of particles surrounding the frozen nucleus of a comet; forms as the comet approaches the sun and is warmed. (4)
- 5 The circumferential edge of the apparent disc of the sun or the moon or a planet. (4)
- 6 A large crater caused by the violent explosion of a