

# 2008-06-07\_Earth\_19x19

B.B. Huria

## Across

- 1 Plants having long green or reddish acidic leafstalks growing in basal clumps; stems (and only the stems) are edible when cooked (7)
- 4 Parts of a rivers where the current is very fast (6)
- 7 Small or narrow cave in the side of a cliff or mountain (4)
- 9 Terra firma (5)
- 12 Remove soil or rock (5)
- 13 A long depression in the surface of the land that usually contains a river (6)
- 17 From 310 million to 280 million years ago; warm climate; swampy land (13)
- 19 Water soaked soil (3)
- 21 The frozen part of a body of water (3)
- 22 A major division of geological time (3)
- 23 Protective coverings that protect from direct sunlight (6)
- 24 A light strong grey lustrous corrosion-resistant metallic element used in strong lightweight alloys; the main sources are rutile and ilmenite (8)
- 28 Force that produces strain on a physical body (6)
- 30 Of or relating to metamorphism (especially of rocks) (11)
- 33 A pier that provides a landing place on a river (5)
- 34 Involving biology, biological (3)
- 35 A crystalline rock that can be cut and polished for jewellery (3)
- 36 A hypothetical continent that (according to plate tectonic theory) broke up later into India and Australia and Africa and South America and Antarctica (12)
- 37 The organic phenomenon of rotting (5)
- 38 The longest division of geological time (3)
- 39 A hard yellowish to brownish translucent fossil resin; used for jewellery (5)
- 42 Periodic rise and fall of the sea level under the gravitational pull of the moon

- (4)
  - 45 Mineral which easily splits into thin leaves and are often transparent (4)
  - 47 An unpleasant smell (4)
  - 48 A series of hills or mountains (5)
  - 50 Of or relating to the sea (6)
  - 51 A low triangular area of alluvial deposits where a river divides before entering a larger body of water (5)
  - 52 Droplets of water vapour suspended in the air near the ground (3)
- Down**
- 2 Residue that remains when something is burned (3)
  - 3 Insect having biting mouthparts and front wings (6)
  - 5 The falling to earth of any form of water (rain or snow or hail or sleet or mist) (13)
  - 6 From 405 million to 345 million years ago; preponderance of fishes and appearance of amphibians and ammonites (8)

- 8 A mineral that contains metal that is valuable enough to be mined (3)
- 10 A transparent purple variety of quartz (8)
- 11 A silvery malleable metallic element that resists corrosion (3)
- 14 A caustic substance produced by heating limestone (4)
- 15 Bordering on or living or characteristic of those near the sea (8)
- 16 A form of energy that is transferred by a difference in temperature (4)
- 18 The scientific study of caves (10)
- 20 Water that has condensed on a cool surface overnight from water vapour in the air (3)
- 25 Lacking the properties characteristic of living organisms (9)
- 26 Diagrammatic representation of the earth's surface (3)
- 27 A unit of pressure (3)
- 29 A flat grassland in tropical or subtropical regions (7)

- 31 Something that hardens to act as adhesive material (6)
- 32 A sedimentary rock consisting of sand consolidated with some cement (clay or quartz etc.) (9)
- 38 The latter part of the day (4)
- 40 Molten rock in the earth's crust (5)
- 41 A hard grey-black mineral consisting of corundum and either haematite or magnetite (5)
- 43 A barrier constructed to contain the flow of water or to keep out the sea (3)
- 44 The part of the earth's surface consisting of humus and disintegrated rock (4)
- 45 Excavation in the earth from which ores and minerals are extracted (4)
- 46 Lacking sufficient water or rainfall (4)
- 49 A cgs unit of work or energy (3)

