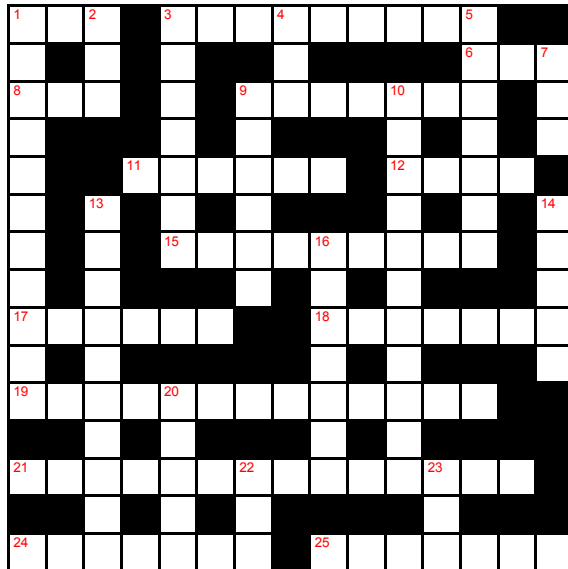


# Ecology\_and\_Plant\_Life\_15x15\_2006-09-15

B.B. Huria



## Across

- 1 A type of humus which is least fertile and is found on poorly aerated acid soils. (3)
- 3 Any of various flowering plants of the genus *Ranunculus*; a.k.a. butter flower, crowfoot or King Cup. (9)
- 6 A cereal grain and a major crop grown world wide. The plant is similar to wheat plant. Its flour is used to make black bread. (3)
- 8 Usually large hard-shelled seed. (3)
- 9 A flat grassland in tropical or subtropical regions. (7)
- 11 Of the same family as wheat and rice. Its seeds grow in spikes at stem tops. Also used to produce malt. (6)
- 12 It forms the outer layer of the bark of trees. It protects the trunk from drying out and from attacks by insects. (4)

- 15 A plant that is the raw material for sugar. (5,4)

- 17 A soil material having a pH of less than 7. (6)

- 18 Colouring matter in the cells and tissues of plants and animals. In wheat, the yellow \_\_\_\_\_s, are mainly carotenoids. (7)

- 19 The emission of water vapor from the leaves of plants. (13)

- 21 A hypothesis that all living organisms have the ability to affect their surroundings and climate to maximize its biological success. (4,10)

- 24 A climbing plant of the orchid family. The extract from its pods is used to flavour chocolates and ice creams. (7)

- 25 Any of numerous tall coarse woodland plants of the genus *Scrophularia*. (7)

## Down

- 1 A chemical formed from basic mixture of minerals and a common inorganic hydrochloric or nitric acid. (7,4)

- 2 A state of decay usually accompanied by an offensive odour. (3)

- 3 The complete dry weight of organic material found in the biosphere or, more generally, the matter in the biosphere that is contained in living organisms. (7)

- 4 Evergreen bush with leaves that are dried to make beverage. (3)

- 5 A treeless grassy plain. (7)

- 7 A prefix meaning 'ecological or environmental'. (3)

- 9 Fodder harvested while green and kept succulent by partial fermentation as in a silo; a.k.a. ensilage. (6)

- 10 A pattern of spots or lines on a flower's petals pointing the way to the

nectar store. Insects follow this path. (6,5)

- 13 A pest control process of exposing pests or pest affected stocks to fumigants in a tight space. (10)

- 14 Spiny succulent plants of the family Cactaceae native chiefly to arid regions. (5)

- 16 To set up or establish new habitats, plantations or crops on deforested lands. (7)

- 20 An area of dry country in North Africa around the southern edge of Sahara. Famines are common here. (5)

- 22 A leguminous plant of the genus *Pisum* with small white flowers and long green pods containing edible green seeds. (3)

- 23 Place (seeds) in or on the ground for future growth. (3)