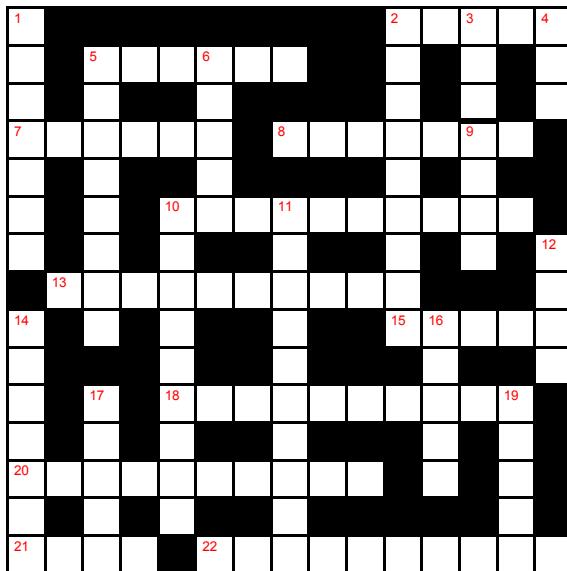


# Biodiversity\_15x15\_2008-10-07

B.B. Huria



## Across

2 Any member of a family of flowering plants that in their growthform resemble grasses (5)

5 \_\_\_\_\_'s Rule: The drier the climate, the lighter the colour of animals relative to closely related taxa of more humid regions. (6)

7 Taxonomic group containing one or more species (6)

8 Taxonomic groups whose members can interbreed (7)

10 An integrated group of species inhabiting a given area (10)

13 Allopatric \_\_\_\_: Species formation that occurs during geographic isolation of populations (10)

15 Animal or plant group having natural relations (5)

18 Gradual and orderly process of change in an ecosystem brought about by the progressive

replacement of one community by another until a stable climax is established (10)

20 Tourism to exotic or threatened ecosystems to observe wildlife or to help preserve nature (10)

21 A mature fertilized plant ovule consisting of an embryo and its food source and having a protective coat or testa (4)

22 \_\_\_\_\_ equilibrium: the belief that evolution proceeds by spurts of change interspersed with long periods of stasis (genetic stability) where selection favours no change (10)

## Down

1 One of the major subdivisions of life; based upon basic similarities in cell structure. Five of these are recognized: Monera, Protocista, Fungi, Animalia, and Plantae. (7)

2 A plant that is able to store water in its tissues and then withdraw it during times of drought (9)

3 Nature's digital signature (3)

4 A prefix meaning 'ecological or environmental'

5 A group of organisms sharing a specific genetic constitution (8)

6 A member of the Graminae family of flowering plants (5)

9 That part of an ecosystem near the perimeter that is influenced by the environment of the adjacent ecosystem (4)

10 A sample of a crop variety collected at a specific location and time; may be of any size (9)

11 Evolutionary termination of a species caused by the failure to reproduce and the death of all remaining members of

the species; the natural failure to adapt to environmental change (10)

12 The functional unit of heredity (4)

14 The measure of a species ability to survive and reproduce (7)

16 A non-native species, especially one introduced to some part of the world through human action (5)

17 A major portion of the living environment of a particular region (5)

19 The total requirements and tolerances of a species; its way of life, including how it traps energy and otherwise uses its habitat or microhabitat (5)