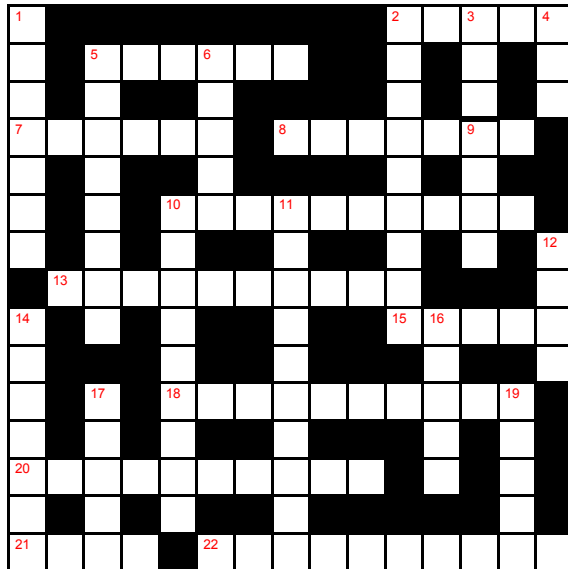


Biodiversity_15x15_2008-10-07

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)