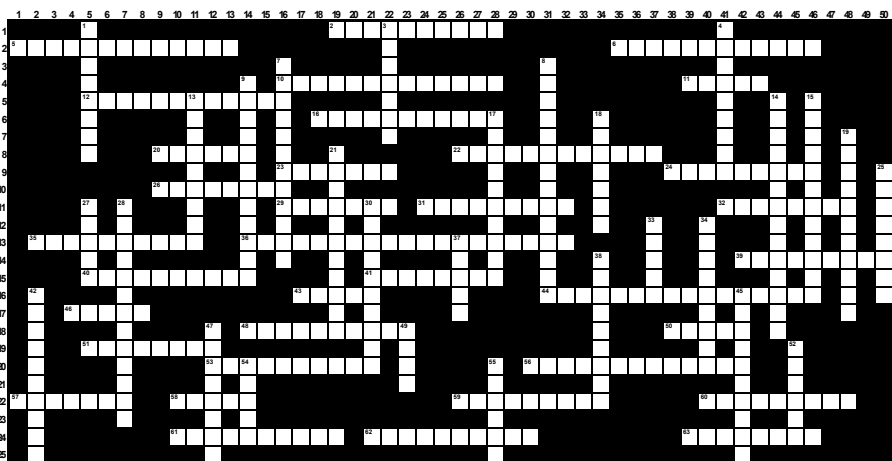


Ecosystem - 50 x 25

Across

- 2 Invertebrate having jointed limbs and a segmented body. (10)
- 5 The branch of molecular biology that studies the use of microorganisms to perform specific industrial processes. (13)
- 6 Growing or occurring in many parts of the world. (12)
- 10 The act of mixing different breeds of animals. (13)
- 11 A woman whose husband is dead especially one who has not remarried. (5)
- 12 The diversity of plant and animal life in a particular habitat (or in the world as a whole). (12)
- 16 Development that serves the needs and aspirations of the current generation without compromising similar ability for future generations. (11)
- 20 Any of several forms of the same gene. (6)
- 22 A group of organisms occupying the same position in a food chain. (7,5)
- 23 Restricted to a specified region or locality. (7)
- 24 Development of morphological, physiological, biochemical, behavioral, and other properties of an organism through interaction of genes and environment. (9)
- 26 Any disease-producing agent especially a virus or bacterium or other microorganism. (8)
- 29 A subdivision of an ecospecies consisting of populations adapted to a specific set of environmental conditions. (7)
- 31 A group of interdependent organisms inhabiting the same region and interacting with each other. (9)
- 32 A variety of a plant developed from a natural species and maintained under cultivation. (8)
- 35 Natural failure to survive in the changing environment. (10)
- 36 The natural activity relating to conversion of chemical or solar energy into biomass. (7,12)
- 39 The quality of being free from change or variation. (9)
- 40 The branch of sociology that studies the characteristics of human populations. (10)
- 41 The characteristic bodily form of a mature organism. (4,4)



- 43 All the plant and animal life of a particular region. (5)
- 44 The assimilation of atmospheric nitrogen by soil bacteria and its release for plant use on the death of the bacteria. (8,8)
- 46 Animal or plant group having natural relations. (5)
- 48 The act of mating closely related individuals. (10)
- 50 All of the plants found in a given area. (5)
- 51 The birds of a particular region or period. (8)
- 53 the 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)
- 56 A forest almost free from human intervention. (7,6)
- 57 In an artificial environment outside the living organism. (2,5)
- 58 All of the animals found in a given area. (5)
- 59 A system formed by the interaction of a community of organisms with their physical environment. (9)
- 60 The relation between two different species of organisms that are interdependent; each gains benefits from the other. (9)
- 61 The common people at a local level (as distinguished from the centers of political activity). (10)
- 62 a taxonomic group that is a division of a species; usually arises as a consequence of geographical isolation within a species. (10)
- 63 Practice of classifying plants and animals according to their presumed natural

relationships. (8)

- 25 A group of organisms sharing a specific genetic constitution. (8)
- 27 A group of organisms that live on a common food resource. (5)
- 28 Decaying caused by bacterial or fungal action. (13)
- 30 A group of organisms of the same species populating a given area. (10)
- 33 A major biotic community characterized by the dominant forms of plant life and the prevailing climate. (5)
- 34 Animal that eats fruits. (9)
- 37 A group of genetically identical cells or organisms derived from a single cell or individual by some kind of asexual reproduction. (5)
- 38 The protoplasm of the germ cells that contains chromosomes and genes. (9)
- 42 The branch of physics that studies the phenomena that occur at very low temperatures. (10)
- 45 Genetic characteristic of an organism's ability to cope with hostilities of its environment. (10)
- 47 (Plants) Of or relating to or having vessels that conduct and circulate fluids. (8)
- 49 The functional unit of heredity. (4)
- 52 The major taxonomic group of animals and plants. (6)
- 54 A taxonomic group containing one or more orders. (5)
- 55 Of or relating to living organisms. (6)

Down

- 1 Facility for the ex situ conservation of seeds, tissues, or reproductive cells of plants or animals. (4,4)
- 3 The type of environment in which an organism or group normally lives or occurs. (7)
- 4 A community of organisms where each member is eaten in turn by another member. (4,5)
- 7 Of or relating to the evolutionary development of organisms. (12)
- 8 The conversion of wasteland into land suitable for use of habitation or cultivation. (14)
- 9 Scientific study of the geographical distribution of animals and plants (12)
- 13 The sequence of events involved in the evolutionary development of a species or taxonomic group of organisms (9)
- 14 Use of data to assess taxonomic relations especially within an evolutionary framework. (14)
- 15 The preservation and careful management of the environment and of natural resources. (12)
- 17 Tourism to exotic or threatened ecosystems to observe wildlife or to help preserve nature. (10)
- 18 taxonomic group whose members can interbreed. (7)
- 19 Fungi existent in association with plants with interdependence for nutrition. (11)
- 21 An animal that eats nectar. (11)