

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)

21 An animal that eats nectar. (11)

