

**Across**

- 1 The role that an organism plays in an ecosystem (5)
- 4 Vast region of the ocean where large animals, sharks, and migrating animals exist (7)
- 8 An area of similar ecosystems that have similar temperature and precipitation (5)

**Down**

- 1 The region of the ocean behind the tides, but over the continental shelf, where most oceanic organisms live. (7)
- 2 The collective whole of all the different populations of species living in a defined area (9)

- 10 The air surrounding the earth (10)
- 11 The climate zone found between 30 degrees North and South (8)
- 13 The oceanic zone that receives light; where photosynthesis occurs (6)
- 15 Biome where permafrost occurs and animals such as the arctic fox live (6)
- 17 Aquatic biome where saltwater and freshwater blend (7)
- 18 A defined area where an organism lives (7)
- 21 The study of regional weather patterns and their impact on the surrounding ecosystems (11)
- 26 The land portion of the earth (11)
- 27 Biome which has high summer temperature moderate winter temperatures and little precipitation (6)
- 28 The total number of a given (specific) species living in a defined area (10)
- 29 Measurement of the height above sea level as the atmosphere extends into space (8)
- 3 Biome which exhibits a high, yet constant temperatures and has large amounts of seasonal rainfall (10)
- 5 Mangroves, marshes, and bogs would be examples of this type of biome (7)
- 6 Consists of all of the communities and abiotic factors that affect the communities in a defined area (9)
- 7 The zone which extends from 60 degrees North and South to the poles (5)
- 9 Biome which consists of shrubs, little vegetation, species like roadrunners, and has warm temperatures with moderate rainfall (9)
- 12 Extremely cold biome where few animals, such as penguins, can survive (5)
- 14 Region of the ocean which is affected by the tides where only a few species survive (10)
- 15 Biome that occurs through much of Canada with cold winter, moderate summers, and coniferous forests (5)
- 16 Non-living factors that affect an ecosystem, such as temperature, rain, and fire (7)
- 18 The water portion of the earth (11)
- 19 Consists of the hydrosphere, lithosphere, atmosphere and all living organisms (9)
- 20 Type of forest that has cold winter, warm summers, and consistent precipitation (9)
- 22 The lateral measurement of the earth by degrees extending north and south of the equator. (8)
- 23 Biome with vast expanses of prairie flowers and grasses with herds of grazing animals (9)
- 24 The deepest region of the ocean where very few organisms survive (7)
- 25 Biome with vast expanses of grasslands and shrubs in Africa where grazing animals and lions roam (7)