

AP Biology Vocabulary Matching 20

Write the word that best matches each definition or clue.

1. _____ The part of the cell responsible for dehydration synthesis of proteins using the mRNA template.
2. _____ The members of a species within a specific area that has gene flow between its members.
3. _____ A bond where the atoms are sharing electrons unequally creating small negative and positive charges on the atoms.
4. _____ A molecular component of a ribosome, the cell's essential protein factory.
5. _____ The duplication of the DNA during the middle "s phase" of interphase during the cell cycle.
6. _____ The chemical reaction that makes glucose and oxygen from water and carbon in the presence of sunlight.
7. _____ The gland that controls the release of hormones from many other glands.
8. _____ The amount of photosynthesis in an ecosystem.
9. _____ The two layers of phospholipids arranged in such a way that their hydrophobic tails are projecting inwards while their polar head groups are projecting on the outside surfaces.
10. _____ Enzymes that are used to "cut" DNA into pieces that often have "sticky" ends.
11. _____ The vascular tissue in plants that transports food from leaves to the rest of the plant.
12. _____ The liquid noncellular component of blood.
13. _____ The kingdom that has predominantly unicellular eukaryotic organisms including algae, protozoans, and slime molds.
14. _____ The outer selectively permeable membrane bilayer of all cells.
15. _____ Cells that have no nucleus or membrane bound organelles.

protista
ribosome
prokaryotic
polar bond
primary productivity

photosynthesis
phloem
plasma membrane
replication
pituitary gland

phospholipid bilayer
ribosomal RNA
population
plasma
restriction enzymes