

AP Biology Vocabulary Matching 14

Write the word that best matches each definition or clue.

1. TRANSPIRATION The evaporation of water from the stomata of a leaf that allows water to be pulled up a stem.
2. ROOT The structure responsible for water absorption in plants.
3. VIRUS A non-cellular infectious agent that is unable to grow or reproduce outside a host cell. contains either RNA or DNA.
4. XYLEM The vascular tissue in a plant that carries water up from the roots to the rest of the plant.
5. RNA The single stranded nucleic acid with uracil instead of the thymine found in DNA.
6. RNA POLYMERASE The enzyme that makes RNA from DNA.
7. TRANSCRIPTION The making of RNA from DNA.
8. SYMBIOSIS A long term relationship between organisms of two different species where at least one of the organisms benefits.
9. ZYGOTE A fertilized egg
10. TRANSLATION The process of making proteins from the mRNA template.
11. SPINDLE FIBERS The microtubules that are used to separate the chromosomes and drag them to separate sides during nuclear division.
12. STOMATA The small openings on the underside of leaves that allow for carbon dioxide to come in and oxygen to escape.
13. SEX CHROMOSOMES The 23rd pair of chromosomes in humans that determine whether the offspring is male or female.
14. SOMATIC CELL Any cell of an organism that is not a sex cell (not egg or sperm).
15. SPECIES A group of similar looking organisms that can reproduce to make fertile offspring.
16. TRANSFER RNA RNA made from DNA that attaches to amino acids and delivers them to the mRNA in the ribosome.

spindle fibers
sex chromosomes
somatic cell
transcription
transpiration
zygote

RNA polymerase
transfer RNA
species
xylem
virus

translation
stomata
root
RNA
symbiosis