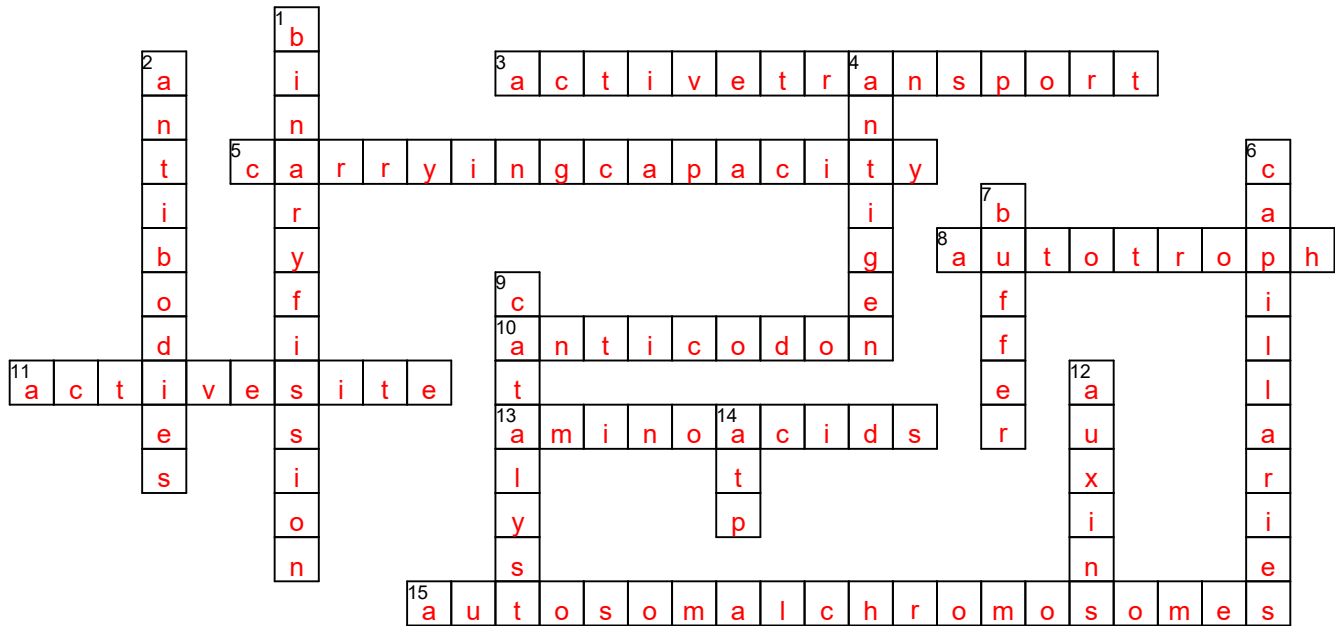


AP Biology Vocabulary Crossword Puzzle 15

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

3. The movement of molecules across the cell membrane with the use of ATP.
5. The maximum population size of the species that the environment can sustain indefinitely, given the food, habitat, water, and other necessities available in the environment.
8. An organism that makes its own food.
10. The three nucleotide combination on the transfer RNA that matches up with the three letter on the messenger RNA.
11. The part of an enzyme where the substrate will bind.
13. The 20 molecules that are held together by peptide bonds to make up proteins.
15. Any chromosome not considered as a sex chromosome, or is not involved in sex determination.

DOWN

1. The asexual reproduction in bacteria.
2. Proteins made by the B cells that immobilize antigens.
4. The foreign particles or substances that trigger an immune response.
6. The smallest of blood vessels that serve to distribute oxygenated blood from arteries to tissues of body and to feed deoxygenated blood from tissues back into veins.
7. A chemical that can release or absorb hydrogen ions depending on the conditions and therefore can maintain the pH of a solution at a constant level.
9. A molecule that speeds up a chemical reaction by lowering the activation energy.
12. Plant hormones that lead to phototropism by elongating the dark side of the plant.
14. A high energy molecule that can be split apart to release energy for many different processes in living things.

ATP
 anticodon
 amino acids
 active transport
 carrying capacity

antibodies
 autosomal chromosomes
 capillaries
 antigen
 active site

catalyst
 autotroph
 buffer
 auxins
 binary fission