

Campbell Essential Biology Chapter 17

Test

Africa - - Where did humans first appear?

- Europe
- South America
- Asia
- Africa

colonial, flagellated protist - - The common ancestor of all animals is likely to have been a(n) _____.

- colonial, flagellated protist
- colonial, flagellated bacterium
- sponge
- colonial, ciliated protist

monotreme - - The platypus is a _____.

- bird
- marsupial
- eutherian
- monotreme

12 million years ago - - According to this evolutionary tree, approximately how many years ago did humans and orangutans share a common ancestor?

- 1 million years ago
- 20 million years ago
- 12 million years ago
- 7 million years ago

lobe-finned fishes - - Which group of fishes includes a lineage that migrated out of fresh water and adapted to life on land?

- lobe-finned fishes
- cartilaginous fishes
- jawless fishes
- ray-finned fishes

Campbell Essential Biology Study Guide Answers

D Keegan



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web exercise 2 a are the four daughter cells of meiosis genetically identical or different from one another explain your answer describe the daughter cells of your meiosis model what color and how many of each color beads were present in each of the four daughter cells the four daughter cells of meiosis are not genetically identical

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web problem how does meiosis increase genetic variation introduction most cells in organisms that reproduce sexually are diploid they have two sets of chromosomes and two complete sets of genes gametes are an exception gametes are the cells that combine during sexual reproduction in animals these cells are called sperm and eggs

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web the answer is meiosis cells in reproductive organs undergo meiosis as they divide to form germ cells that mature into gametes egg cells or sperm cells this diagram compares the processes of mitosis and meiosis in this descriptive lab you will model meiosis that begins in a cell of the fruit fly *Drosophila melanogaster* you will use

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