

1.C-D Exam Expectations

DEFINE allopolyploidy and autopolyploidy

DEFINE cladogenesis

OUTLINE different lines of evidence that support a common origin of life

OUTLINE allopatric speciation

OUTLINE the initial steps of the origin of the first cell, specifically its genetic molecule(s)

DESCRIBE the effects of moving continental plates on habitats and consequently living organisms in those habitats

DESCRIBE the extinction vortex

IDENTIFY the smallest unit of evolution

IDENTIFY different types of reproductive isolating mechanisms

COMPARE sympatric and allopatric speciation

SUGGEST alternatives to a current pesticide spraying program that would be effective in a long term

DISCUSS genetic drift

DISCUSS adaptive radiation

DISCUSS why current extinction rates are a concern to scientists today

EXPLAIN punctuated equilibrium

EXPLAIN pesticide resistance