

EVIDENCES OF EVOLUTION

① DIRECT OBSERVATION

↳ HARD... SHORT GEN. TIME
STRONG SELECTION PRESSURE.

② FOSSIL RECORD... TIME LINE, THINGS TO COMPARE

YOUNGEST
RELATIVE DATING →

OLDEST
ABSOLUTE DATING →

RADIOMETRIC DATING.

RADIOACTIVE
ISOTOPE :

C-14

NUCLEAR
RATE OF DECAY

AMT OF ISOTOPE → AMT OF BREAK-DOWN PRODUCT
RATE DECAY

DETERMINE TIME.

DIVERGENT
HOMOLOGIES
SIMILARITIES
THAT LOOK DIFF. ?

CONVERGENT
ANALOGIES
SIMILARITIES
THAT ARE DIFF.

HOMOLOGIES BAT WING
YOUR HAND
ANALOGIES BIRD WING

VESTIGIAL STRUCTURES ⇒ NON-FUNCTIONAL HOMOLOGIES.

BIOCHEMICAL
HOMOLOGIES : DNA & CODON
TABLE.