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Evolution Crossword Puzzle

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|  |  |  |  | 7  A |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  | M |  | 8  M |  | E |  | O |  | D |  |
|  |  |  |  | 9  R | E | P | R | O | D | U | C | T | I | V | E | I | S | O | L | A | T | I | O | N |  | N |  | A |  |
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|  |  |  |  | I |  |  |  |  |  |  |  |  |  |  | 11  J |  | A |  |  | U |  | R |  | C |  | G |  | V |  |
|  |  |  |  | 12  C | A | M | O | U | 13  F | L | A | G | E |  | A |  | R |  |  | S |  | Y |  | D |  | E |  | E |  |
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|  |  |  |  | A |  |  | 14  N | A | T | U | R | A | L | S | E | L | E | C | T | I | O | N |  | I |  | T |  | A |  |
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|  |  | 15  F | O | S | S | I | L | R | E | C | O | R | D |  | H |  | D |  |  |  |  |  |  | T |  | V |  | I |  |
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|  | 16  A | N | A | L | O | G | O | U | S | S | T | R | U | C | T | U | R | E | S |  |  |  |  |  |  | L |  | T |  |
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|  |  |  |  | C |  |  |  |  |  |  | 17  G | E | O | L | O | G | I | C | A | L | I | S | O | L | A | T | I | O | N |
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|  | 18  J | E | A | N | B | A | P | T | I | S | T | E | L | A | M | A | R | C | K |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | 19  V | E | S | T | I | G | I | A | L | S | T | R | U | C | T | U | R | E | S |  |  |  |  |  |
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|  |  |  |  |  | 20  H | O | M | O | L | O | G | O | U | S | S | T | R | U | C | T | U | R | E | S |  |  |  |  |  |

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| **Across**  **3.** change in the gene pool of a population from generation to generation  **9.** the conditions, as physiological or behavioral differences or geographical barriers, that prevent potentially interbreeding populations from cross-fertilization  **12.** concealment by some means that alters or obscures the appearance  **14.** survival of the fittest= process by which forms of life having traits that better enable them to adapt to specific environmental pressures  **15.**  term used by paleontologists to refer to the total number of fossils that have been discovered, as well as to the information derived from them  **16.**  structures of different species having similar or corresponding function but not from the same evolutionary origin  **17.** separation of two populations of the same species or breeding group by a physical barrier  **18.** one of the first scientists to publish the idea that adaptation occurred in species to help them better survive in the environment  **19.** genetically determined structures or attributes that have apparently lost most or all of its ancestral function in a given species  **20.** parts of the body that are similar in structure to other species' comparative parts | **Down**  **1.** Essay on the Principle of Population=hypothesized that populations would grow in areas with plenty of resources until those resources were strained to the point that some of the population would have to die  **2.** adjustment= the act of adapting  **4.**  random changes in the frequency of alleles in a gene pool, usually of small populations  **5.** appearance of apparently similar structures in organisms of different lines of descent  **6.**  diversification of an ancestral group of organisms into a variety of related forms specialized to fit different environments or ways of life  **7.** process in the breeding of animals and in the cultivation of plants by which the breeder chooses to perpetuate only those forms having certain desirable inheritable characteristics.  **8.** close external resemblance of an organism  **10.** came up with the Theory of Evolution through Natural Selection  **11.** described Earth as a living organism, inspired Darwin  **13.** the ability of a population to maintain or increase its numbers in succeeding generations |