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| PLATO | 427-347 BC | IDEALISM - ALL IS MADE PERFECT |
| ARISTOTLE | 384-322 BC | LADDER OF LIFE EACH IN ALLOTTED SPACE BUT FIXED INANIMATE TO SPIRITUAL |
| LINNAEUS | 1707-1778 | CLASSIFICATION |
| BUFFON | 1707-1788 | 1700's - CHANGE BY DEGENERATION |
| HUTTON | 1726-1797 | 1795 - UNIFORMITARIANISM |
| E. DARWIN | 1731-1802 | SPECIES HAVE HISTORICAL CONNECTIONS ENVIRONMENT MAY PLAY ROLL |
| MALTHUS | 1766-1834 | 1798 - ESSAY ON THE PRINCIPLE OF POPULATIONS |
| LAMARCK | 1744-1829 | 1809 - ACQUIRED CHARACTERISTICS USE & DISUSE |
| SMITH | 1769-1839 | EARLY 1800's FOSSIL LAYERS |
| CUVIER | 1769-1832 | EARLY 1800's CATASTROPHISM (NEW FROM OUTSIDE) |
| LYELL | 1797-1875 | PRINCIPLES OF GEOLOGY (1830) |
| | 1831-1836 | THE VOYAGE OF THE BEAGLE |
| DARWIN | 1809-1882 | 1837 - BEGINS NOTEBOOKS 1844 - ESSAY ON ORIGINS 1858 - GETS WALLACE'S ESSAY 1859 - PUBLISHES "ORIGIN...." |
| MENDEL | 1822-1884 | 1865 - PUBLISHES PAPERS ON INHERITANCE |