

Write short definitions of the terms and a brief description of the contributions of the people:

Terms of Evolution	People of Evolution
spontaneous generation	Anaximander
biogenesis	
radioactivity	
half-life	Linneaus
homologous	
vestigial	
analogous	Spallenzani
early atmosphere (no free O ₂)	
prokaryote	
eukaryote	Redi
age of earliest cells = 3.5 billion years	
selective breeding	
natural selection	Pasteur
artificial selection	
mutation	
directional selection	Malthus
disruptive selection	
stabilizing selection	
gene pool	Lamark
gene flow	
genetic drift	
genetic equilibrium	Darwin
niche	
divergent evolution	
convergent evolution	Wallace
adaptive radiation	
genetic isolation	
bottleneck effect	Lyell
founder principle	
sexual selection	
behavioral isolation	Hutton
geographic isolation	
temporal isolation	
gametic (reproductive isolation)	Smith
extinction	
interbreeding	
gradualism	Oparin
punctuation	
	Miller
	Urey

