

BILD 3 Vocabulary W107

Definition of "life"

Protobiont

Liposomes

Reducing Environment

Miller-Urey Experiment

Extreme Environments

Ribozymes

Pasteur's Experiment

Nicholas Steno

Fossil record

Radioisotope dating

Half-life

Precambrian Era

Evolutionary milestones

Cambrian Explosion

Permian Mass Extinction

K-T Boundary

Iridium Layer

Megamammals

Clovis Points

Alfred Wegener

Plate Tectonics

Microevolution

Macroevolution

Evolution

Natural Selection

Fitness

Cuvier

Hutton

Lyell

Buffon

Homology

Lamarck

Malthus

Wallace

Gregor Mendel

Allele frequency

Genotype frequency

Hardy-Weinberg Equilibrium

Neutral, deleterious and beneficial mutation

Genetic drift

Population bottleneck

Founder effect

Inbreeding

Fixation and Loss of alleles

Migration

Gene flow

Random mating

Natural Selection

Hominid characteristics

Hominid timeline (3 types)

Homo floresiensis

Cost & benefit test

Three types of costs

Altruism

Coefficient of relatedness

Kin selection

Hamilton's rule

Inclusive fitness

Competition

Parasite-host

Predator-prey

Mutualism

Commensalism

Amensalism

Competitive exclusion

Fundamental niche

Realized niche

Evolutionary arms race

Crypsis

Batesian mimicry

Mullerian mimicry

Symbiosis

Directional Selection

Stabilizing Selection

Disruptive Selection

Sexual selection

Bateman's Principle

Male-male competition

Female choice

Mating systems

Morphospecies concept

Biological Species concept

Allopatric speciation

Parapatric speciation

Sympatric speciation

Autopolyploidy

Allopolyploidy

Prezygotic isolation (and types)

Postzygotic isolation (and types)

Phylogeny

Most recent common ancestor

Parsimony

Monophyletic

Polyphyletic

Paraphyletic

Molecular clock

Gene duplication

Convergent evolution

Population ecology

Population structure

Population density

Spatial distribution (even, clumped, random)

Demography

Survivorship curve(s)

Exponential growth

Logistic growth

Carrying capacity (K)

Population regulation

Density dependent factors

Density independent factors

Life history

Vicariance

Dispersal

Molecular clock

MacArthur-Wilson model

Colonization rate

Extinction rate

Species richness equilibrium

Conservation biology

Population models

Causes of extinction

Priorities for conservation

Prokaryote features

Archaeobacteria

Eukaryote characteristics

Endosymbiosis

Alternation of generations

Bryophytes

Seedless vascular plants

Gymnosperms & angiosperms

Fungi

Radial symmetry

Bilateral symmetry

Protostome

Deuterostomes (and ex)

Lophotrochozoans (and ex)

Ecdysozoa (and ex)

Paedomorphosis

Semelparity

Iteroparity