

# Biology Vocabulary

## 1851 Vocabulary Words

### SECTION 1

#### General Science

adhesion	law of conservation of mass
aerosols	mechanistic view
albinos	microbiology
anatomy	morphogenesis
anthropology	organ
applied science	organ system
archaeology	organism
bilateral symmetry	organismal view
biochemistry	pathology
Biology	photon
biotechnology	physiology
calorie	potential energy
calorimeter	pressure
carbon monoxide	pure or basic science
centrifugation	radiant energy
cohesion	resorbtion
elevation	rocket
exobiology	spacecraft
gel	symmetry
geochemistry	synthesis
gland	system
heterotroph	tissue
heterotroph hypothesis	weightlessness
kinetic energy	zoology

# Inorganic Chemistry

acid  
acid solution  
activation  
atom  
atomic mass  
atomic mass unit  
atomic number  
base  
base solution  
buffer  
catalysts  
chemical bond  
chemical bond energy  
chemical equation  
chemical formula  
chemical property  
chromatography  
colloid  
colloidal dispersion  
compound  
concentration  
diatomic molecule  
diffusion  
dissociation  
electrolyte  
electron  
electrophoresis  
element  
empirical formula  
emulsify  
endothermic  
energy  
hydrogen ion  
hydroxide ion  
inorganic compound  
ion  
ionic bond  
ionization  
isotope  
mass  
mass number  
mass spectrometer  
matter  
mixture  
molecular weight  
molecule  
neutralization  
neutron  
nucleus  
oxidation  
oxidation reduction reactions  
pH  
physical change  
polar molecule  
precipitate  
proton  
reactants  
reduction  
respiratory cascade  
salt  
sol  
solute  
solvent  
structural formula  
suspension  
weight

## Lab & Instruments

compound microscopes  
dependent variable  
electron microscope  
filtrate  
filtration  
focus  
kilocalorie  
magnification  
mechanical system  
meter

micromanipulator  
micron  
objective lens  
ocular lens  
phase contrast microscope  
radio telescope  
spectrophotometer  
spectrum  
steromicroscope  
transmission electron microscope

## Nuclear Chemistry

atomic pile  
chain reaction  
half-life  
radiation sickness  
radio carbon method

radioactive  
radioactive dating  
radioisotope  
tagged atoms  
uranium lead ratio

## Organic Compounds

carboxyl group  
covalent bond  
disaccharide  
fatty acids  
glucose  
glycerol  
hydrocarbon  
isomers

organic compounds  
polymers  
polysaccharides  
radical group  
saturated compound  
saturated fats  
starch  
steriod

methane  
monosaccharide  
oil  
organic acid  
organic chemistry

tar  
triglyceride  
unsaturated compounds  
unsaturated fats

## Scientific Process

collecting data  
communicating  
conclusion  
control  
controlled experiment  
hypothesis  
model  
observation  
operational definitions

organizing data  
problem  
procedure  
scientific law  
scientific method  
spherical symmetry  
theory  
variable factor

## Digestive System

abdomen  
alimentary canal  
amylase  
anus  
appendicitis  
appendix  
assimilation  
balanced diet  
bicuspid  
bile  
bolus  
carbohydrates  
carotene

intestines  
lacteal  
large intestine  
lipase  
lipids  
liver  
mechanical digestion  
molars  
mucus  
nutrients  
nutrition  
pepsin  
peristalsis

carotenoid  
cecum  
chyme  
colon  
digestion  
digestive enzyme  
digestive tract  
duodenum  
egestion  
elimination  
epiglottis  
esophagus  
fat  
feces  
gall bladder  
gastric juice  
glycogen  
incisors

premolars  
rectum  
rennin  
rumen  
saliva  
salivary gland  
small intestine  
soft plate  
sphincter  
stomach  
taste buds  
tube within a tube  
villi  
visceral mass  
vitamin  
vocal cords  
waste

## Circulatory System

A-V node  
ABO blood group  
accelerator nerve  
agglutinins  
agglutinogen  
ames test  
anemia  
aorta  
aortic arch  
arteries  
arterioles  
atrium  
B cell

leukocytes  
lymph  
lymphatics  
lymphocyte  
macrophage  
oxyhemoglobin  
pacemaker  
pericardium  
phagocytosis  
plasma  
platelets  
pulmonary artery  
pulmonary circulation

blood clot	pulse
blood platelet	red blood cell
blood type	red corpuscles
capillary	renal veins
cardiac muscle	Rh factor
cardiac sphincter	S-A node
cholesterol	septum
circulation	serology
closed circulatory system	serum
clotting	sinoatrial node
coronary arteries	superior vena cava
diastole	systemic circulation
digitalis	systole
fibrin	thoracic duct
fibrinogen	thrombosis
gamma globulin	transport
heart	universal donor
hemocyanin	universal recipients
hemoglobin	valve
hepatic portal circulation	veins
humor	ventricle
hypertension	venule
inferior vena cava	white blood cells

### Transport - Blood - Lymph

ABO blood group	lymph
agglutinins	lymphocyte
agglutinogen	macrophage
anemia	oxyhemoglobin
B cell	phagocytosis
blood clot	plasma
blood platelet	platelets
blood type	red blood cell

cholesterol  
clotting  
fibrin  
fibrinogen  
gamma globulin  
hemocyanin  
hemoglobin  
leukocytes

red corpuscles  
renal veins  
Rh factor  
serology  
serum  
universal donor  
universal recipients  
white blood cells

## Heart

A-V node  
accelerator nerve  
ames test  
aorta  
aortic arch  
atrium  
cardiac muscle  
cardiac sphincter  
coronary arteries  
diastole  
digitalis

heart  
pacemaker  
pericardium  
pulse  
S-A node  
septum  
sinoatrial node  
systole  
thrombosis  
valve  
ventricle

## Respiration

air sacs  
alveoli  
bronchiole  
bronchus  
chronic bronchitis  
diaphragm  
emphysema  
exhalation

nasal passage  
olfactory cells  
oxygen debt  
pharynx  
pleura  
pulmonary  
respiration  
respiratory pigments

gas exchange  
inhalation  
larynx  
lung

respiratory surface  
total lung capacity  
vital lung capacity

## Excretion

bladder  
bowman's capsule  
excretion  
glomerulus  
kidney  
nephron  
renal arteries  
renal circulation

renal veins  
urea  
ureter  
urethra  
urinary bladder  
urinary system  
urine

## Support and Locomotion

actin  
actomyosin  
ball and socket joint  
bipedal locomotion  
bone  
bursa  
cartilage  
compact bone  
connective tissue  
contraction  
dermis  
epithelial tissues  
extensors  
flexor  
gliding joint

melanoma  
muscle  
muscle tissue  
muscle tone  
neurotransmitters  
oil gland  
opposable thumb  
origin  
ossification  
osteocyte  
periosteum  
pigment  
pivot joints  
radius  
sebaceous glands

haversian canal  
hinge joint  
immovable joints  
joint  
lactate  
ligaments  
locomotion  
marrow

sessile  
skeletal muscle  
smooth muscle  
spongy bone  
striated muscle  
sweat glands  
tendons

## Nervous System

autonomic nervous system  
brain  
brain stem  
cell body  
central nervous system  
cerebellum  
cerebral cortex  
cerebral hemispheres  
cerebrospinal fluid  
cerebrum  
corpus callosum  
cranial cavity  
cranial nerves  
cranium  
dura matter  
foramen magnum

gray matter  
hypothalamus  
interneuron  
medulla oblongata  
nerve  
neuron  
notochord  
parasympathetic nervous system  
peripheral nervous system  
pons  
spinal column  
spinal cord  
spinal nerve  
sympathetic nervous system  
thalamus  
white matter

## Sensory Organs

auditory canal  
choroid coat  
cochlea

olfactory nerve  
optic lobes  
optic nerve

columella  
cone cell  
cornea  
eustachian tube  
farsighted  
iris  
lens  
malleus  
nearsighted  
olfactory lobe

optical activity  
oval window  
pupil  
resolution  
retina  
rod cell  
sclera  
semicircular canal  
tympanic membrane  
ultrasounds

## Nervous Regulation - Nerve Impulses

acetylcholine  
axon fiber  
bouton  
conditioned reflex  
conditioning  
dendrite  
effector  
end brush  
firing  
forced movement  
ganglion  
impulse  
irritability  
motor neuron  
myelin sheath  
myofibrils  
nerve center

neuromuscular junctions  
noradrenaline  
norepinephrine  
receptor  
reflex  
reflex arc  
refractory period  
response  
Schwann cells  
sensory neuron  
signal  
sodium potassium pump  
somatic nervous system  
synapse  
threshold  
vagus nerve  
vasomotor system

## SECTION 2

### Endocrine Systems

ACTH  
adrenal cortex  
adrenal medulla  
adrenaline  
androgen  
basal metabolic rate  
corticosteroids  
diabetes mellitus  
endocrine gland  
endocrine system  
epinephrine  
exocrine glands  
feedback  
glucagon  
gonadotropin  
growth hormone  
homeostasis  
hormone  
hyposecretion  
insulin

Islands of Langerhans  
LH  
pancreas  
pancreatic juice  
parathyroid gland  
pineal gland  
pituitary gland  
prostaglandins  
releasing factors  
simple goiter  
stress hypothesis  
T cells  
target cells  
target tissue  
testosterone  
thymus gland  
thyroid gland  
thyroxin  
toxic goiter

## Chemical Regulation and the Cell

absorption  
acetate  
acetyl-CoA  
action potential  
active site  
active transport  
aerobic respiration  
alcoholic fermentation  
anaerobic  
biological clock

glycolysis  
hydrogen acceptors  
hydrolysis  
intercellular fluid  
Kreb's cycle  
metabolic pool  
metabolism  
negative feedback  
obligate aerobe  
obligate anaerobe

cataylst  
citrate  
condensation reaction  
deamination  
dehydration synthesis  
enzyme  
fermentation

osmosis  
passive transport  
pyruvic acid  
secretions  
substrate  
wax

## Cell

carrier molecules  
cell membrane  
cell plate  
cell respiration  
cell theory  
cell wall  
cells  
centrioles  
centrosomes  
coenzyme  
concentrated gradient  
cyclosis  
cytoplasm  
cytoplasmic streaming  
cytoskeleton  
diffusion  
endocytosis  
endoplasmic reticulum  
eukaryotic cells  
exocytosis  
generalized cell  
Golgi apparatus  
hypotonic solution  
internal environment

lysosomes  
matrix  
membrane  
microfilaments  
mitochondria  
multinucleate  
nuclear envelope  
nucleic acid  
nucleolus  
nucleus  
osmosis  
osmotic pressure  
pinocytic vesicle  
pinocytosis  
plasmolysis  
protoplasm  
receptor site  
ribosomes  
somatic cell  
somatoplasm  
tissue fluid  
tugor  
tugor pressure  
vacuoles

isotonic solution

## Proteins & Cell Chemistry

actomyosin	messenger RNA
adenine	nucleic acid
adenosine diphosphate	nucleoprotein
adenosine monophosphate	nucleotide
adenosine triphosphate	peptide bond
albumen	peptides
amino acid	PGA
amino group	phosphate
anticodon	polymers
ATP	polypeptide
capsid	protein
codon	recombinant DNA
collagen	recombination
cytosine	replication
deoxyribonucleic acid	restriction enzymes
deoxyribose	retrovirus
dipeptide	ribonucleic acid
DNA	RNA
double helix	thymine
electron transport chain	transduction
exon	transfer RNA
guanine	translation
histones	uracil
intron	viroid

## Diseases

allergy	Koch's postulates
ames test	Kwashiorkor

anemia  
appendicitis  
aseptic  
atherosclerosis  
benign tumor  
beri-beri  
biological death  
biopsy  
cancer  
carbon monoxide  
carcinogen  
carcinoma  
cirrhosis  
clinical death  
communicable  
cyst  
degenerative diseases  
diabetes mellitus  
disease  
germ theory of disease  
hemophilia  
host  
infection  
infectious disease

leukemia  
malignant tumor  
niacin  
noninfectious disease  
obligate intracellular parasite  
pasteurization  
pathogen  
pellagra  
phenylalanine  
quarantine  
repair  
rickets  
rickettsias  
sarcoma  
schistosomiasis  
scurvy  
sickle cell anemia  
temperate  
torpor  
trichinosis  
trypanosomiasis  
tumor  
virulent

## Immunity

acquired immunity  
active immunity  
antibiotic  
antibodies  
antibody  
antigen  
antihistamine

immune serum  
immunity  
immunity barrier  
immunological reaction  
immunology  
interferon  
lytic cycle

antimetabolite  
antiseptic  
antitoxin  
autoimmune disease.  
cell mediated response  
chemotherapy  
complement system  
gamma globulin  
immune response

passive immunity  
secondary immune response  
secondary response  
toxin  
toxin-antitoxin  
toxoid  
vaccination  
vaccine

### Behavior - Social Problems - Related Diseases

acquired behavior  
acquired immune deficiency syndrome  
addiction  
AIDS-related complex  
alcoholism  
altruistic behavior  
amotivational syndrone  
behavior  
behavioral variations  
bioethics  
biological drive  
blood alcohol concentration  
breakoff  
caffeine  
cocaine  
culture  
depressant  
drug  
emotion  
emotional maturity

habit  
HIV  
inborn behavior  
insight  
intelligence  
intelligence quotient  
Kaposi's sarcoma  
learning  
marijuana  
narcotics  
over the counter drugs  
perception  
physical dependence  
psychological dependence  
reasoning  
social behavior  
socialization  
tolerance  
venereal disease  
withdrawal

## Reproduction

afterbirth	menstrual cycle
allantois	menstruation
amniocentesis	ova
amnion	ovaries
birthrate	oviduct
caesarean section	ovulation
cervix	ovum
chorion	penis
corpus luteum	placenta
down syndrome	pregnancy
egg	primitive gut
ejaculation	progesterone
epididymis	puberty
estrogen	reproduction
fallopian tube	s shape
fertilization	scrotum
fetocopy	semen
fetus	seminal receptacle
follicle	sperm cell
fraternal twins	spermatogenesis
FSH	sterility
gametogenesis	suppressor cell
germ cell	susceptibility
germplasm	testes
gestation	trimester
gonad	umbilical cord
implantation	uterus
in vitro fertilization	vagina
internal fertilization	vas deferens
mammary glands	zygote
menopause	

## Invertebrates

alternative of generation	medusa
ampulla	mesoglea
Annelid	metamorphosis
antenna	molting
ascus	multicellular organism
asexual reproduction	nematocysts
basidiocarp	nephridia
basidiospore	nerve net
basidium	nymph
biolumescence	open circulatory system
bipinnaria	oral surface
bivalvia	organelles
book lung	osculum
budding	ossicle
canals	ovipositor
celphalothorax	parthenogenesis
Cephalopoda	pedipalps
chalk	polyp
chelicera	proglottids
Chilopoda	prokaryotic cells
chitin	pupa
chrysalis	queen bee
circadia rhythm	radial canal
clitellum	radial symmetry
cnidoblasts	radula
cocoon	regeneration
Coelenterata	round dance
Coleoptera	saccule
collar cells	scolex
complete metamorphosis	sea scorpions
compound eye	segmented worm
conjugation	setae
contractile vacuole	spicules

cosal glands	spinnerets
crop	spiracles
Crustacea	sponge
cutaneous respiration	spongin
Diplopoda	stone canal
Diptera	swarm
drone bee	swimmeret
Echinoderms	tarsus
exoskeleton	tegument
external fertilization	telson
flatworms	tentacle
foot	thorax
gastrovascular	torsion
gemmules	trachea
hermaphrodites	tracheal tubes
homeotic genes	trochophore larvae
ingestion	tube feet
insects	turbellaria
invertebrate	tympanum
juvenile hormone	typhlosole
larva	uropod
life cycle	wagging dance
malpighian tubules	water vascular system
mandibles	worker bee
mantle	

### SECTION 3

Microbiology Protists - Virus - Monerans - Fungi

actinomycetes	microbe
agar	micronucleus
algae	microorganism

algal bloom  
algal fungi  
amebocyte  
amoeba  
anal pore  
archaebacteria  
ascomysetes  
bacilli  
bacteria  
bacteriophage  
basidia  
basidiomycota  
blue green algae  
capsule  
cell culture  
centric diatom  
Cestoda  
chemoautotrophs  
chlamydomonas  
Chlorophyta  
Chrysophyta  
cilia  
ciliates  
Ciliophora  
club fungi  
cocci  
coenocytic  
colony  
conidiophore  
Cyanobacteria  
Deutermycota  
diatom  
Dinoflagellata  
Embryophytes  
endospores

microtubules  
moneran  
mycelium  
neurospora  
obligate aerobe  
obligate anaerobe  
oral groove  
orientation  
paramecium  
parapodia  
parasite  
parasitism  
pellicle  
phage  
phycomycetes  
plaque  
plasmodium  
Protists  
pseudopod  
pure culture  
purple bacteria  
pyrenoids  
sac fungi  
sarcodina  
secondary mycelium  
septum  
slime molds  
spirochete  
sporangia  
spore  
Sporophyte  
staphylococci  
stolons  
streptococci  
taxis

eubacteria  
fission  
flagellated  
flagellates  
fungi  
fungicide  
gram negative  
gram positive  
gram stain  
green sulfur bacteria  
gullet  
horsetails  
macronucleus

temperate phase  
thermoacidophile  
tissue  
tissue culture  
TMV  
transformation  
unicellular gametangium  
unicellular organism  
virus  
yeast  
zoomastigina  
zygospore

## Plants

abscission zone  
absorption spectrum  
angiosperms.  
annual ring  
autotroph  
auxin  
bark  
blade  
bolting  
Bryophyta  
bulb  
bundle sheath  
C4  
calvin cycle  
cambium  
cap  
capillarity  
Caspasian strip

nonvascular plants  
oligosaccharin  
palisade layer  
parenchyma  
pedical  
perennial  
petals  
petiole  
phloem  
photoperiodism  
pinnae  
pith  
plumule  
pores  
pressure  
pressure flow theory  
primary root  
receptacle

cellulose  
chemosynthesis  
chemotropism  
club moss  
collenchyma  
companion cell  
compound leaf  
Conifers  
cork  
cork cambium  
corm  
cortex  
critical length  
cuticle  
cycads  
day neutral plant  
dermal tissue system  
dicot  
elongation zone  
endodermis  
endosperm  
epicotyl  
epidermis  
eutrophication  
ferns  
filament  
geotropism  
gibberellins  
green plants  
guard cells  
guttation  
herbaceous stems  
humus  
hydrotropism  
hyphae

rhizoids  
rhizome  
root cap  
root hair  
root pressure  
roots  
secondary growth  
secondary roots  
seed coat  
selective permeable membrane  
sepals  
short day plant  
sieve plate  
sieve tube member  
simple leaf  
sink  
sori  
spongy mesophyll  
spongy parenchyma  
springwood  
stems  
stipe  
stomate  
strobilus  
stroma  
summerwood  
taproot  
terminal bud  
thallus  
thigmotropism  
tracheid  
tracheophyte  
transpiration cohesive theory  
transpiration pull  
transpiration

hypocotyl  
lateral bud  
lenticels  
leucoplasts  
lichen  
maturation zone  
meristem  
meristematic tissues  
meristematic zone  
mesophyll  
monocot  
moss  
nectar  
nodules  
nongreen plants

tropism  
vascular bundles  
vascular cambium  
vascular cylinder  
vascular plant  
vascular tissue  
venation  
vessel element  
weed  
whisk ferns  
woody plants  
woody stems  
xanthophyll  
xylem

## Plants Reproduction

anther  
antheridium  
archegonium  
calyx  
carpel  
colchicine  
coleoptile  
complete flower  
corolla  
cotyledon  
cross pollination  
cutting  
cytokinins  
dormancy  
double fertilization  
ethylene

micropyle  
ovary  
ovule  
pistil  
pollen grain  
pollen tube  
pollination  
radicle  
runner  
scion  
seed  
seed coat  
stamen  
stigma  
stock  
style

flower  
fruit  
germination  
grafting  
layering  
megaspore

transplant  
tuber  
vegetative organs  
vegetative propagation  
vernalization

## Photosynthesis

abscisic acid  
CAM  
carbon fixation  
chlorophylls  
chloroplasts  
carbon dioxide fixation  
dark reaction  
grana  
leaves

light reactions  
photoautotrophs  
photolysis  
photosynthesis  
phototropism  
plastids  
self pollination  
thylakoids  
TPN

## Genetics

acquired characteristics  
addition  
allele  
allele frequency  
anaphase  
asters  
autosome  
binary fission  
biochemical genetics  
blastocoel  
blastopore  
blastula

homozygous  
hybrid  
identical twins  
inbreeding  
incomplete dominance  
independent assortment  
induction  
inheritance of acquired characters  
innate behavior  
interphase  
inversion  
isogametes

blending inheritance  
carrier  
cell cycle  
cell differentiation  
centriole  
centromere  
chalaza  
chorionic villus sampling  
chromatid  
chromosomal mutation  
chromosome map  
chromosome theory of inheritance  
chromosomes  
cleavage  
clone  
codominance  
color blindness  
crossing over  
cytokinesis  
deletion  
determinate cleavage  
deuterostome  
development  
developmental genetics  
differentiation  
dihybrid cross  
diploid number  
disjunction  
dominant  
dominant gene  
down syndrome  
ectoderm  
embryo  
embryo sac  
embryonic induction  
karyotyping  
Lamarckianism  
law of dominance  
law of independent assortment  
law of probability  
law of segregation  
linkage  
lysogenic cycle  
maturation of gametes  
meiosis  
mesoderm  
metaphase  
mitosis  
modifier gene  
monohybrid cross  
monoploid number  
monosomy  
morula  
multiple alleles  
multiple gene inheritance  
mutagens  
mutation  
nondisjunction  
oncogenes  
one gene one enzyme hypothesis  
oocogene  
oogenesis  
oospore  
ootid  
operator  
operon  
outbreeding  
phase  
phenotype  
plasmids

endoderm  
epigenesis  
eugenics  
F2 generation  
facilitated diffusion  
filial  
first filial generation  
gamete  
gametophyte  
gastrula  
gastrulation  
gene  
gene frequency  
gene mutation  
gene pool  
genetic code  
genetic drift  
genetic engineering  
genetic equilibrium  
genetic recombination  
genetic therapy  
genetics  
genotype  
germ layers  
growth  
haploid number  
Hardy-Weinberg law  
heredity  
heterogametes  
heterozygous  
homeotic genes  
homologue

point mutation  
polyploidy  
prophase  
punctuated equilibrium  
punnet square  
pure line  
pure traits  
purebred  
radial cleavage  
recessive trait  
reduction division  
schizocoely  
secondary sex characteristics  
sex chromosomes  
sex linked trait  
sexual reproduction  
spermatogonia  
spindle fiber  
spiral cleavage  
spirilla  
strain  
structural gene  
synapsis  
telophase  
testcross  
tetrad  
transcription  
translocation  
trisomy  
X chromosomes  
Y chromosome

## SECTION 4

### Vertebrates

acoelomate	gill openings
altricial	gills
amniote egg	gizzard
amniotic fluid	herbivores
amphibian	imprinting
amplexus	lateral lines
annual rhythm	marsupials
anterior	monotremes
barb	nictitating membrane
barbule	nocturnal
baresian mimicry	omnivores
brood patch	operculum
canines	oviparous
carapace	ovoviviparous
caudal fin	pecking order
cephalaspitomorphi	pheromone
Cephalochordata	polar nuclei
cetacea	posterior
Chiroptera	shaft
chondrichthyes	shell gland
chordata	shell membrane
cloaca	spawning
cloaca opening	swim bladder
Cnidarian	syrinx
coelom	tadpoles
cold blooded animals	territory
contour feather	truncus arteriosus
conus arteriosus	ungulate
Cotylosaurs	uric acid
diurnal	vane
dorsal	ventral

dorsal cavity  
down feather  
ectothermic  
endoskeleton  
external fertilization  
extraembryonic membrane

ventral cavity  
vertebrae  
viviparous  
vomarine teeth  
warning coloration  
yolk sac

## Evolution

absolute dating  
adaptive  
adaptive radiation  
analogous structures  
binomial system  
biogenesis  
biogeography  
Carboniferous period  
cast  
Cenozoic era  
coacervate  
Coelacanth  
coevolution  
convergent evolution  
correlation  
Cro-Magnons  
Devonian period  
Devonian period  
dichotomous key  
dinosaurs  
divergent evolution  
echolocation  
eohippus  
era  
evolution  
extinct

macroevolution  
Mesozoic Era  
mold  
Neanderthal man  
new stone age  
old stone age  
Olducai man  
ontogeny  
organic evolution  
Ostracoderms  
paleontology  
Paleozoic Era  
parallel evolution  
pedigree  
period  
petrification  
phylogeny  
Precambrian Era  
preformation  
prehistory  
pteridosperms  
race  
radioactive dating  
relative age  
segregation  
southern man apes

fossil  
fossil record  
geologic time scale  
Ginkgoes  
glacial period  
Homo sapiens  
homologous structures  
index fossil  
intertidal zone  
Java man

speciation  
spontaneous generation  
straight line evolution  
theory of evolution  
trilobites  
uranium lead ratio  
Use and disuse  
vestigial structure  
vitalism

## Ecology

abiotic factor  
acid rain  
adaptation  
adaptive  
agroforestry  
allergen  
ammonia  
baresian mimicry  
barriers  
biodegradable  
biogeography  
biological control  
biological magnification  
biomass  
biome  
biosphere  
biotic  
biotic factor  
biotic potential  
biotic relationship  
bloom

meteorite  
migration  
mimicry  
minerals  
mutualism  
natural resources  
natural selection  
niche  
niche-splitting  
nitrifying bacteria  
nitrogen cycle  
nitrogen fixation  
nitrogen-fixing bacteria  
nitrogenous wastes  
noise pollution  
non-biodegradable  
nonrenewable resources  
normalizing selection  
old field succession  
oligotrophic lake  
overproduction

camouflage	oxygen cycle
carbon 14	ozone
carbon cycle	particulates
carbon monoxide	permafrost
carnivore	pest
carrying capacity	pesticide
caste	pheromone
climate	pioneer organism
climax community	pollution
commensalism	population
communication	population genetics
community	predator
competition	prey
competitive exclusion principle	primary succession
conservation	producer
consumer	pyramid of biomass
contour plowing	pyramid of energy
courtship	range
cover crop	recycling
crop rotation	reforestation
deciduous forest	regulation
decomposers	renewable resources
deforestation	reproductive isolation
denitrification	resource
denitrifying bacteria	row crops
depletion	runoff
deserts	saprobies
diatomaceous earth	saprophyte
differential reproduction	scavengers
directional selection	secondary consumer
disruptive selection	secondary pollutants
division of labor	secondary succession
dominance hierarchy	sedimentary rocks
dominant species	selection
ecological balance	seral community

ecological niche  
ecological succession  
ecology  
ecosystem  
endangered species  
endosymbiosis  
entomology  
erosion  
exploitation  
fallout  
fertilizers  
fitness  
food web  
geographic isolation  
gradualism  
grasslands  
habitat  
highway  
human ecology  
igneous rocks  
industrial melanism  
insecticide  
interaction  
ionizing radiation  
isolation  
leaching  
life cycle  
life support system  
limestone  
limiting factor  
limy mud  
logistic curve  
metamorphic rock  
metamorphism

silt  
society  
soil  
specialization  
stimulus  
stratum  
strip cropping  
strip mining  
succession  
sustained yield  
symbiosis  
symbiotic relationship  
synthetic theory  
taiga  
temperate deciduous forest  
temperate rain forest  
temperatures inversion  
terracing  
terrestrial  
territory  
thermal pollution  
topsoil  
trophic level  
tropical rain forest  
tundra  
urbanization  
variations  
water cycle  
water table  
watershed  
weathering  
wildlife  
windbreak

## Taxonomy

Arachnid	order
Arthropods	Orthoptera
Artiodactyla	Osteichthyes
Ascomycota	Perissodactyla
Aves	phylum
Dinoflagellata	Pinnipedia
Diptera	plantae
Edentata	Platyhelminthes
Gastropoda	Polycharta
Gymnosperm	Porifera
Hemiptera	primates
Hominids	proboscidea
homo erectus	Protista
Hymenoptera	protochordate
Insectivora	Protophytes
invertebrate	Protozoa
Java man	race
kingdom	Rhodophyta
Lagomotpha	rodentia
Lepidoptera	roundworms
lobe fins	taxonomy
mammal	taxonomy key
Metazoa	Thallophyte
Mollusks	therapsid
monocot	Trematoda
Myxomycota	turbellaria
Myzini	Urochordata
Nematode	vertebrata
nomenclature	vertebrates
Oligochaeta	Zygomycota

oomycota

## Oceanography

abyssal zone

algae

algal bloom

aquatic

baleen

benthic zone

benthos

chordata

class

classification

common name

dichotomous key

Echinoderms

family

genus

littoral zone

marine

nekton

neritic zone

oceanic zone

oceanography

Phaeophyta

phytoplankton

plankton

Prochlorophyte

red tide

satellite

school

sirenia

species

tidal rhythm

zooplankton