# KEY WORDS

**Set 1**
ecology
environmentalism
ecological hierarchy
autecology
synecology
Ernst Haeckel
oikos

**Set 2**
environmental factors
abiotic
biotic
synergistic effects
holocoenotic
factor interaction
edaphic factors

**Set 3**
Tolerance limits
Leibig's law
compensating factor
niche
habitat
ecological equivalents
adaptation
acclimation

**Set 4**
population
random sample
systematic sample
stratified random sample
Lincoln-Peterson index
density
biomass
importance value
cover
frequency
basal area

discrete behavior
continuous behavior
circadian cycle
secular cycle
dispersion patterns

**Set 5**
mutation
recombination
gene flow
genetic drift
natural selection
optimizing selection
directional selection
diversifying selection

**Set 6**
exponential growth
biotic potential
logistic growth
Verhulst-Pearl model
carrying capacity
density dependent factors
life table
survivorship curves

**Set 7**
symbiosis
neutralism
competition
ammensalism
commensalism
protocooperation
mutualism

**Set 8**
exploitive competition
interference competition
Lotka-Volterra model
competition coefficients
Gause's principle of competitive exclusion
niche width

adaptive radiation
character displacement
trophic displacement
r-selection
k-selection

**Set 9**
predator response
    numerical
    functional
foraging strategy
prudent predator
search image
aggressive mimicry

**Set 10**
flash coloration
disruptive coloration
Batesian mimicry
Müllerian mimicry
coevolution
mycorrhizae

**Set 11**
community
life form
Fredrick Clements
Henry Gleason
ecotone
supraorganism concept
individualistic concept

**Set 12**
species diversity
species richness
Shannon index
biodiversity

**Set 13**
succession
    allogenic
    autogenic
    primary
    secondary
    xerarch
    hydrarch
climax stage
monoclimax
polyclimax

**Set 14**
ecosystem
trophic level
food chain
food web
autotroph
autotroph-based ecosystem
detritus-based ecosystem
gross primary production (GPP)
net primary production (NPP)

**Set 15**
secondary production
assimilation
ingestion
egestion
phyloplane microflora
decomposition
cellulose
lignin

**Set 16**
biogeochemical cycles
macronutrients
micronutrients
gaseous cycle
sedimentary cycle
greenhouse effect
global climate change
N fixation
nitrification
denitrification
throughfall
stem flow
eutrophication (eutrophic)
oligotrophic

**Set 17**
stability
resilience
resistance
landscape
GPS
GIS