Study Guide for Midterm #3

adaptive radiation
allele
allopatric speciation
analogous organs
antibiotic resistance
artificial selection
biogeography
biological fitness
convergent evolution
Darwin
Darwin's finches
directional selection
disruptive selection
divergent evolution
evolution (several questions)
fossils
gene flow
gene pool
genetic drift
genotype
Hardy-Weinberg Equation (p+q=1)
Hardy-Weinberg Equations ($p^2+2pq+q^2=1$)
heterozygous
homologous organs
homozygous dominant
homozygous recessive
inbreeding
industrial melanism
Lamarck
levels of biological organization
(Kingdom, Phylum etc.)
Lyell
macroevolution
Malthus
microevolution
molecular clocks
mutations
natural selection
Pangea
parapatric speciation
pesticide resistance
phenotype
physical traits
physiological traits
plate tectonics
population bottleneck
population founder effect
post-zygotic isolation
pre-zygotic isolation
reproductive isolation
selective breeding
species
stabilizing selection
sympatric speciation
Taylor and Wegner
Wallace
Linneaeus
taxonomy
Kingdom
Phylum
Class
Order
Family
Genus
species
calculation of G and r
population dispersal
(random, clumped, uniform)
survival curves (types I, II and III)
exponential growth
logistical growth
differences between US/India

there may well be other terms on the test, but this is a great start

PLEASE BE SURE YOU HAVE READ <u>ALL OF THE TEXT WELL</u>!!!