

Keyword index

- Astyanax scabripinnis*, 1
Abies balsamea, 604
absolute fitness, 393
adaptation, 101
adaptive radiation, 37
adaptive variation, 617
additive variance, 75
AFLP, 208, 219
ageing, 480
allelic richness, 122
allelism test, 511
allozyme polymorphism, 122
allozymes, 166, 277, 328, 338, 444, 490, 550, 561, 571
Ambystoma, 107
androdioecy, 413
Apodemus, 30
Asteraceae, 10
Astyanax scabripinnis, 136
Australian magpie, 166
automixis, 231
autotetraploidy, 122
- B chromosomes, 1, 136
barley, 539
between-population variation, 294
Bicyclus anynana, 471
bighorn sheep, 593
bi-infection, 190
biogeography, 84
bird, 166
Biston bitularia, 580
bolting behaviour, 356
breeding system, 37, 571
bryophytes, 328
butterfly eyespots, 471
- Camellia, 346
cassava, 219
Castle–Wright estimator, 471
Cf-11, 266
Cf-13, 266
Cf-4, 266
Cf-8, 266
Chaenomeles, 383
chromosomal evolution, 147
chromosomal races, 586
Cladosporium fulvum, 266
clonal structure, 318
clone, 257
cluster analysis, 346
coevolution, 366, 450
Colombia, 318
coloniality, 75
colonizer, 10
competition, 393
conservation, 277, 434
conservation genetics, 122
cpDNA, 383
Crepis sancta, 294
crop growth model, 539
cytochrome b, 307
cytochrome oxidase I, 20
cytoplasmic effects, 471
cytoplasmic incompatibility, 130
cytoplasmic inheritance, 465
- D. a. texana*, 610
deceptive pollination, 401
developmental temperature, 423
developmentally related traits, 176
diagnostics, 346
Dipterocarpaceae, 338
dispersal, 166
DNA sequences, 20
dogs, 617
domestication, 219
drift, 604
Drosophila, 450
Drosophila head, 176
Drosophila hibisci, 521
Drosophila simulans, 190
drought stress, 294
Dryobalanops aromatica, 338
- earthworm chromosomes, 203
ecological genetics, 521
effective population size, 604
Elaeis guineensis, 288
embryonic microinjection, 130
encapsulation, 450
endangered species, 434
endosymbiosis, 190
endozoochory, 490
environmental variance, 75
Ephestia kuehniella, 130
epistasis, 521
Eucalyptus globulus, 242
Eucalyptus ovata, 242

- Euhadra peliomphala*, 84
 European rabbit, 307
 evolution, 101, 183, 413
 experimental design, 373
- F2, 43
 fecundity variation, 604
 female-sterility, 413
 fir waves, 604
 FISH, 1, 203
 flowering time, 356
 fluctuating asymmetry, 423
Forficula auricularia, 444
 freshwater bryozoans, 498
 F-statistics, 401
- gene flow, 166, 251, 498, 530, 550
 genetic advance, 43
 genetic conservation, 157
 genetic correlation matrix, 521
 genetic differentiation, 328
 genetic diversity, 157, 288, 498
 genetic load, 231
 genetic markers, 53, 550
 genetic parameters, 373
 genetic polymorphism, 393
 genetic structure, 561, 586
 genetic variability, 219
 genetic variance, 593, 43
 genetic variation, 328
 genetic/phenotypic correlations, 593
 glaciations, 307
 glucosephosphate isomerase, 122
- haplodiploid, 530
 haplodiploid species, 373
Helicoverpa armigera, 251
 heritabilities, 43
 heritability, 75, 356
 hermaphroditic slugs, 571
 heterochromatin, 1, 136
 heterosis, 208
 heterozygosity, 231, 617
 hierarchical analysis, 561
 homosexual mounting, 142
 homozygous multilocus genotypes, 571
Hordeum vulgare L., 539
 horizontal transfer, 271
 host–pathogen system, 231
 house mouse, 147
 housefly, 115
 hybrid fitness, 242
 hybrid performance, 208
 hybrid zone, 586
- hybridization, 62, 157, 242, 277
 hydrophily, 459
 Hymenoptera, 530
- Iberian Peninsula, 307
 inbreeding, 43, 242
 inbreeding depression, 294
 industrial melanism, 580
 insularia, 580
 interspecific divergence, 176
 interspecific hybridization, 383
 intraspecific variation, 30
 island biogeography, 20
 isochromosome, 1, 136
 isozymes, 157
- Kapur, 338
 kin-selection, 366
- land snail, 84
 larval competition, 480
 latitudinal variation, 423
 leafminer, 53
 life-history, 115
 life-history evolution, 356
 lineage sorting, 62
 line-cross analysis, 521
 linkage, 346
 linkage disequilibrium, 257, 393
Liriomyza huidobrensis, 53
Liriomyza trifolii, 53
 litter size, 147
 littorina, 62
 longevity, 593
Lycopersicon hirsutum, 511
- Maloideae, 383
 malsegregation, 147
 Manihot, 219
 mapping, 346
 marble trout, 277
 mariner, 271
 maternal effects, 480
 mating system, 338
 mayfly, 561
 Mdr65A, 183
 meadow fescue, 550
 meiotic pathenogenesis, 231
 meiotic segregation, 147
 metamorphic failure, 107
 metamorphosis, 107
 microsatellites, 459, 498, 586, 610
 migration, 251, 530
 mitochondrial DNA, 62, 166

- mitochondrial haplotypes, **498**
 Moran's I, **490**
 morphology, **176, 383**
 mtDNA, **444, 586**
 mtDNA introgression, **84**
 mtDNA species, **30**
 multidrug resistance, **183**
 multiple alleles, **580**
Musca domestica, **480**
 mutualism, **366**
- negative genetic correlation, **176**
Neolitsea sericea, **490**
 neo-Y, **610**
 nitrogen-fixation, **366**
- oil palm, **288**
 Orchidaceae, **401**
 Orthoptera, **586**
Oryctolagus cuniculus, **307**
 outbreeder, **346**
 outcrossing rate, **459**
- parasites, **75, 257**
 parasitoid, **450**
 parthenogenesis, **257**
 peppered moth, **580**
 P-glycoprotein, **183**
 phenotypic correlation, **176**
 phenotypic plasticity, **356, 423**
 phylogenetic tree, **617**
 phylogeny, **30**
 phylogeography, **62, 307, 498**
 Pleistocene, **84**
 pollen dispersal, **550**
 Polytrichum, **328**
 population, **183**
 population differentiation, **401**
 population genetic structure, **84, 434**
 population genetics, **251, 318, 571**
 population size structure, **604**
 post-glacial recolonization, **62**
 powdery mildew, **511**
 precopulatory isolation mechanisms, **142**
 primiparity, **593**
 progression rule, **20**
 pseudo-self-compatibility, **10**
- QTL, **37, 208**
 QTL mapping, **539**
- random fertilization, **43**
 RAPD, **251, 383, 434**
 RAPD-PCR, **53**
- Rb fusion, **147**
 recombinant inbred line, **539**
 relatedness, **459**
 repetitive DNA genes, **203**
 reproduction, **413**
 reproductive isolation, **242**
 reproductive success, **593**
 resistance, **257, 266, 450**
 resistance genes, **393, 511**
 RFLP, **288**
Rosmarinus tomentosus, **434**
- satellite DNA, **1**
 seed dispersal, **490**
 segregation, **190**
 selection, **183, 530, 580**
 self fertilization, **231**
 self-incompatibility, **10, 413**
 selfing, **459**
 Senecio, **10**
 senescence, **115**
 sex chromosomes, **610**
 sex expression, **37**
 sex ratio, **465**
 sex-linkage, **471**
 sexual reproduction, **257**
 sibling species, **444**
 Slovenia, **277**
Solenopsis invicta, **530**
 spatial genetic structure, **490**
 spatial structure, **366**
 speciation, **20**
 species differentiation, **328**
 Spiroplasma, **465**
 SRO, **465**
 stress, **101**
 substitution rate, **617**
 symbiosis, **366**
 sympatry, **444**
- T cell response, **75**
 taxon cycle, **20**
 tester strains, **480**
 Tetramolopium, **37**
 tetrasomic inheritance, **122**
 Thailand, **271**
 thorax size, **423**
 threshold traits, **356**
 thyroid hormone, **107**
 thyroid hormone receptor, **107**
 tomato, **511**
 traditional farming, **219**
 transgenic mosquitos, **271**
 transposable elements, **101**

- transposon, 271
Tribolium, 142
tropical rain forest, 338
Trypanosoma cruzi, 318
- Ulmus minor, 157
Ulmus pumila, 157
- virulence, 450
- wing size, 423
wing width, 521
Wolbachia, 130, 190
- yield, 539
- Zea mays, 208
Zostera marina, 459