

## Keyword index

- acari, DALP 702  
acoustic communication 73  
*Adalia bipunctata* 605  
adaptation 497  
adventive weeds 401  
*Aedes albopictus* 331  
*Aegilops uniaristata* 487  
AFLP 81  
allometry 201  
allozyme analysis 331  
allozymes 170, 178, 321, 410, 610, 721  
Alstroemeriaceae 564  
*Alysia* 29  
amaryllidaceae 502  
amphibians 610  
aneuploidy 254  
*Anopheles farauti* 244  
*Apis* 124  
apomixis 228, 401  
apospory 228  
arrhenotoky 29  
*Artemia* 238  
artificial selection 416  
asexual 321  
asexuality 161  
Asian elephant 362  
autocorrelation analysis 657  
*Avena* 46  
  
B chromosomes 209, 639  
barley landrace 476  
biocontrol 401  
biogeography 124, 610, 721  
body size 416  
*Bolitophagus reticulatus* 667  
*Bomarea* 564  
Bov-tA 37  
brine shrimp 238  
bryophyta 710  
  
canonical analysis 303  
carboxylesterase 63  
cell size 338  
cell volume 201  
character-state approach 193  
chromosomes 458  
chromosome races 570  
clam 321  
classification 564  
  
clinical variation 9  
clonal growth 294  
clonal plant 710  
clonal reproduction 254  
clonal structure 170, 178  
*Coccinellidae* 605  
COI 161  
colonization history 458  
common shrew 570  
compensatory mutations 497  
complementary sex determination 29  
complex heterozygotes 570  
concerted evolution 244  
conifers 261  
co-transformation 46  
courtship song 273  
*Ctenomys* 538  
C-value 201  
cyprinids 721  
cytochrome b 538, 692, 721  
cytonuclear associations 373  
  
*D. simulans* 630  
deleterious mutation 186, 452, 497  
*Dendroctonus* 218  
developmental regulation 338  
diapause 193  
dicentric chromosome 639  
dieldrin resistance 599  
diploid male 29  
*Diptera* 63  
disassortative mating 502, 514  
dispersal 667  
DNA fingerprinting 81  
*Drosophila hibisci* 90  
*Drosophila melanogaster* 1, 468, 630  
*Drosophila* 97  
drought resistance 303  
  
ecological selection 441  
ectomycorrhizas 294  
effective dispersal 657  
electrophoresis 667  
*Elephas maximus* 362  
EM algorithm 525  
encapsulation 1  
epistasis 90, 273  
errors 393  
*Eurya emarginata* 170

- evolution 201, 393  
 extended linear hypotheses 303
- Fagus crenata* 103  
 fecundity 54  
 female fertility 514  
 female preference 73  
 fertility selection 441  
 fingerprinting 37  
 FISH 46  
 fitness 497  
 flower density 116  
 founder effect 103  
 founding events 599  
 fragmentation 311  
 fragmentation 667
- g matrix 135  
 gastropods 692  
 gene bank 476  
 gene dispersal 348  
 gene duplication 393  
 gene flow 143, 178, 218, 238, 311, 348  
 gene number 393  
 gene retention 685  
 gene splicing 393  
 gene-dropping 685  
 genetic conservation 476  
 genetic correlation 193  
 genetic covariance 135  
 genetic differentiation 218, 238, 331, 667  
 genetic diversity 555, 677  
 genetic drift 135, 587  
 genetic load 497  
 genetic markers 476  
 genetic polymorphism 578  
 genetic variance components 587  
 genetic variation 63, 238, 331, 401, 647, 721  
 genome conflict 186  
 genetic erosion 476  
 grasshopper 548  
 group coancestry 685
- habitat size 238  
 haplodiploidy 29, 186, 702  
*Hebeloma cylindrosporum* 294  
*Helicteres* 116  
 heritability 135, 193, 427  
 heterochromatin 254  
 heterochromatisation 702  
 heterosis 20, 452  
 heterostyly 502  
*Hibiscus* 90  
*Hieracium* 228
- hybrid fitness 452  
 hybrid inviability 630  
 hybrid population 373  
 hybrid vigour 677  
 hybrid zone 9, 570  
 hybridization 441, 555  
*Hymenoptera* 29
- Ilex paraguariensis* 647  
 immigration 677  
 inbreeding depression 283, 452, 677  
 inbreeding 186, 294, 685  
*Inca lily* 564  
 indirect sexual selection 73  
 inheritance 228  
 inherited symbionts 605  
 interpopulation hybrids 273  
 interspecific crosses 630  
 intertidal snails 692  
 interval mapping 437  
 introgression 441  
 isochromosome 639  
 isofemale lines 90  
 isozyme variability 103  
 isozymes 476, 710  
 ISSRs 401  
 ITS1 161  
 ITS2 244
- kinetochore 639
- Lasaea* 321  
 latitude 338  
*Leontochir* 564  
 life-history trade-offs 1  
 likelihood 427  
*Linanthus* 283  
 line-cross analysis 90  
 linkage disequilibrium 9, 103, 373  
*Littorina* 692  
*Lucilia cuprina* 599
- maize 303  
 major genes 20  
 malaria 244  
 malathion 63  
 male haplidity 186  
 male-killer 152  
 male-killing 605  
 marker density 437  
 marker information 427  
 mating success 548  
 mating system 116, 283, 348, 410, 514  
*medionigra* 578

- metabolic rate **1**  
*Metagarella tenuipes* **209**  
 metapopulation quantitative genetics **587**  
*Mi* gene **81**  
 microsatellite **37**  
 microspatial variation **468**  
 migration **452**  
 mitochondrial DNA **321, 362, 458, 538**  
 mixed mating system **283**  
 molecular phylogeny **721**  
 Monocotyledonae **564**  
 Monte Carlo **373**  
*Moran's I* **170**  
 morph ratios **502**  
 morphology **201**  
 morphometric traits **548**  
 morphometrics **610**  
 mosquito **244**  
 mtDNA **124**  
 multivariate analysis **303**  
*Mus macedonicus* **458**  
*Mus musculus castaneus* **458**  
*Mus musculus domesticus* **458**  
 mutation **135**  
 mutational meltdown **497**  
  
*Nasonia vitripennis* **54**  
 natural populations **647**  
 neighbourhood size **348, 657**  
 noncentrality parameter **437**  
 nuclear pseudogenes **538**  
 numtDNA **538**  
  
 oat transformation **46**  
 odd-even effect **209**  
 organophosphate **63**  
 Ostracoda **161**  
 outcrossing rate **116**  
 outcrossing **283**  
 ovariole number **90**  
  
*Panaxia (Callimorpha) dominula* **578**  
 parasites **209**  
 parasitoid **1**  
 paternal genome loss **702**  
 paternity analysis **348**  
 pedigree information **427**  
 pericentric inversion **487, 548**  
 phenotypic effects **209**  
 phenotypic plasticity **193**  
 Philippines **124**  
*Phyllotreta* **20**  
 phylogeny **37, 261**  
 phylogeography **362**  
  
 physical mapping **46**  
 phytophagous insects **218**  
 phytoseiidae **702**  
*Pinus flexilis* **348**  
 plant density **116**  
 plant resistance **81**  
 plant sexual polymorphism **514**  
 Pleistocene glaciation **710**  
 pleitropy **416**  
 pollen dispersal **143**  
 pollination **143**  
 pollinator behaviour **116**  
 polymorphism **20, 152, 555**  
 polyploid **321**  
 polyploidy **401, 410**  
 population dynamics **261, 294**  
 population genetics **610**  
 population size **311, 502**  
 population structure **331, 362, 452, 657**  
 postzygotic isolation **630**  
 power **437**  
 prezygotic isolation **468**  
*Proclossiana eunomia* **657**  
 pseudoarrhenotoky **702**  
  
 QTL mapping **525**  
 QTL **97**  
 quantitative trait loci **303, 587**  
  
*Rana arvalis* **610**  
 random genetic drift **599**  
 RAPD **555**  
 rapd **647**  
 rare male effect **677**  
 rDNA **244**  
 reaction norms **193**  
 recolonization **710**  
 recombination **487**  
 recombinational speciation **441**  
 regression **427**  
 relatedness **427**  
 repetitive DNA **254**  
 reproduction **416**  
 reproductive parasite **54**  
 resistance genes **152**  
 resistance **1, 63**  
 RFLP **487**  
*Rhus javanica* **178**  
 ruminant **37**  
  
*Salix alba* **555**  
*Salix fragilis* **555**  
 Scandinavia, Greece **710**  
 secondary contact **9**

- seed dispersal 143  
 selection 135, 209, 599  
 self-sterility 514  
 self-thinning 103  
 sex comb 97  
 sex ratio 605, 152  
 sexual isolation 468  
 shifting balance theory 273  
 simplex algorithm 525  
 SINE 37  
*Sinipta dalmani* 548  
*Sorex araneus* 570  
 spatial autocorrelation 103, 170, 178  
 spatial genetic structure 170, 178  
 spatial isolation 441  
 specialization 218  
 speciation 218, 468, 587  
 sperm 416  
 spermatogenesis 416, 570  
 SSCP 692  
 stigma-height dimorphism 502, 514  
 stochastic spatial models 9  
 symbiosis 54  
 synaptonemal complex 639  
 temperature 338, 578  
 thermal evolution 338  
 tomato 81  
*Tragopogon* 410  
 truncated selection 525  
 vertical transmission 54  
 wheat 487  
 wind pollination 311  
 within-family selection 685  
*Wolbachia* 54, 605