

## Author index

- Adams, W.T. *see* Burczyk, J.  
Addis, G. *see* Marchi, A.  
Allouis, S. *see* Higuët, D.  
Andersson, S., Floral variation in *Saxifraga granulata*: phenotypic selection, quantitative genetics and predicted response to selection **217**  
Apostolidis, A.P., Karakousis, Y., Triantaphyllidis, C., Genetic differentiation and phylogenetic relationships among Greek *Salmo trutta* L. (brown trout) populations as revealed by RFLP analysis of PCR amplified mitochondrial DNA segments **608**  
Arnold, J. *see* Dean, R.  
  
Baker, A.J. *see* Merilä, J.  
Barilani, M. *see* Mantovani, B.  
Barrett, J.A. *see* Ibrahim, K.M.  
Barrett, S.C.H. *see* Eckert, C.G.  
Bartos, P. *see* Hanusová, R.  
Beall, E. *see* Morán, P.  
Bergé, J. *see* Rooker, S.  
Berlocher, S.H., McPheron, B.A., Population structure of *Rhagoletis pomonella*, the apple maggot fly **83**  
Bertrand, D. *see* Hurst, G.D.D.  
Beukeboom, L.W., Seif, M., Mettenmeyer, T., Plowman, A.B., Michiels, N.K., Paternal inheritance of B chromosomes in a parthenogenetic hermaphrodite **646**  
Bezant, J., Laurie, D., Pratchett, N., Chojecki, J., Kearsey, M., Marker regression mapping of QTL controlling flowering time and plant height in a spring barley (*Hordeum vulgare* L.) cross **64**  
Björklund, M. *see* Merilä, J.  
Blackman, R.L., Spence, J.M., Field, L.M., Javed, N., Devine, G.J., Devonshire, A.L., Inheritance of the amplified esterase genes responsible for insecticide resistance in *Myzus persicae* (Homoptera: Aphididae) **154**  
Blanco, G. *see* Sánchez, J.A.  
Brown, J.K.M. *see* O'Hara, R.B.  
Bryant, E.H., Meffert, L.M., Nonadditive genetic structuring of morphometric variation in relation to a population bottleneck **168**  
Bubli, O.A., Rakitskaya, T.A., Imasheva, A.G., Variation of allozyme loci in populations of *Drosophila melanogaster* from the former USSR **638**  
Bullock, D.W. *see* Williams, C.L.  
Burczyk, J., Variance effective population size based on multi-locus gamete frequencies in coniferous populations: an example of a Scots pine clonal seed orchard **74**  
Burczyk, J., Adams, W.T., Shimizu, J.Y., Mating patterns and pollen dispersal in a natural knobcone pine (*Pinus attenuata* Lemmon.) stand **251**  
Butlin, R.K., Co-ordination of the sexual signalling system and the genetic basis of differentiation between populations in the brown planthopper, *Nilaparvata lugens* **369**  
  
Capula, M., Evolutionary genetics of the insular lacertid lizard *Podarcis tiliguerta*: genetic structure and population heterogeneity in a geographically fragmented species **518**  
Carcneri, A. *see* Ennas, M.G.  
Chapuisat, M. *see* Wedekind, C.  
Chiang, C.-H. *see* Wang, C.-T.  
Chojecki, J. *see* Bezant, J.  
Christiansen, F.B. *see* Schierup, M.H.  
Clabby, C. *see* Sánchez, J.A.  
Clarke, R.T. *see* Raybould, A.F.  
Collins, F.H. *see* Lehmann, T.  
Comes, H.P., Kadereit, J.W., Genetic basis of speed of development in *Senecio vulgaris* L. var. *vulgaris*, *S. vulgaris* ssp. *denticulatus* (O.F. Muell.) P.D. Sell, and *Senecio vernalis* Waldst. & Kit. **544**  
Courtois, B. *see* Huang, N.  
Coutellec-Vreto, M.-A. *see* Guiller, A.  
Crnjar, R. *see* Marchi, A.  
Curtisinger, J.W. *see* Ross, M.J.  
  
Dean, R., Arnold, J., Small sample properties for estimators of cytonuclear disequilibria **396**  
Delesalle, V.A. *see* Mazer, S.J.  
Devine, G.J. *see* Blackman, R.L.  
Devonshire, A.L. *see* Blackman, R.L.  
Dujardin, J.P. *see* Pereira, J.  
Durand, P. *see* Trouvé, S.  
  
Eckert, C.G., Manicacci, D., Barrett, S.C.H., Frequency-dependent selection on morph ratios in tristylous *Lythrum salicaria* (Lythraceae) **581**  
Ennas, M.G., Suzuki, H., Menegazzi, M., Carcneri, A., Hanaoka, F., Gremo, F., Nieddu, M., Mezzanotte, R., On the presence of DNA polymerase  $\alpha$  in human lymphocyte nuclei and chromosomes **186**  
Exposito Hermosa, V. *see* Marchi, A.  
  
Fanara, J.J., Hasson, E., Rodríguez, C., Santos, M., Fontdevila, A., The evolutionary history of *Drosophila buzzatii*. XXXIII. Are *Opuntia* hosts a selective factor for the inversion polymorphism? **500**  
Field, L.M. *see* Blackman, R.L.  
Flavin, F. *see* Sánchez, J.A.  
Fontdevila, A. *see* Fanara, J.J.

- Fontenille, D. *see* Lehmann, T.
- Fuller, S.J., Mather, P.B., Wilson, J.C., Limited genetic differentiation among wild *Oryctolagus cuniculus* L. (rabbit) populations in arid eastern Australia 138
- García Guerreiro, M.P., Behaviour of the transposable elements *copia* and *mdg1* in hybrids between the sibling species *Drosophila melanogaster* and *D. simulans* 40
- García-Marin, J.L., Pla, C., Origins and relationships of native populations of *Salmo trutta* (brown trout) in Spain 313
- García-Vázquez, E. *see* Morán, P.
- Goldson, S.L. *see* Williams, C.L.
- Gourmet, C., Rayburn, A.L., Identification of RAPD markers associated with the presence of B chromosomes in maize 240
- Gremo, F. *see* Ennas, M.G.
- Groeters, F.R., Maternally inherited sex ratio distortion as a result of a male-killing agent in *Spilostethus hospes* (Hemiptera: Lygaeidae) 201
- Guillemaud, T. *see* Rooker, S.
- Guillemaud, T., Rooker, S., Pasteur, N., Raymond, M., Testing the unique amplification event and the worldwide migration hypothesis of insecticide resistance genes with sequence data 535
- Guiller, A., Coutellec-Vreto, M.-A., Madec, L., Genetic relationships among suspected contact zone populations of *Helix aspersa* (Gastropoda: Pulmonata) in Algeria 113
- Hager, B.J., Teale, S.A., The genetic control of pheromone production and response in the pine engraver beetle *Ips pini* 100
- Hammarton, T.C. *see* Hurst, G.D.D.
- Hanaoka, F. *see* Ennas, M.G.
- Hansen, M.M. *see* Nielsen, E.E.
- Hanusová, R., Hsam, S.L.K., Bartos, P., Zeller, F.J., Suppression of powdery mildew resistance gene *Pm8* in *Triticum aestivum* L. (common wheat) cultivars carrying wheat-rye translocation T1BL.1RS 383
- Hasson, E. *see* Fanara, J.J.
- Hawksworth, F.G. *see* Wiens, D.
- Hawley, W.A. *see* Lehmann, T.
- Hayter, J.B.R. *see* Ibrahim, K.M.
- Hennon, P.E. *see* Wiens, D.
- Hewitt, G.M. *see* Ibrahim, K.M.; Juan, C.
- Higuet, D., Merát, H., Allouis, S., Montchamp-Moreau, C., The relationship between structural variation and dysgenic properties of *P* elements in long-established *P*-transformed lines of *Drosophila simulans* 9
- Hilbish, T.J. *see* Rawson, P.D.
- Hohls, T., Setting confidence limits to genetic parameters estimated by restricted maximum likelihood analysis of North Carolina design II experiments 476
- Holloway, G.J. *see* Ottenheim, M.M.
- Hsam, S.L.K. *see* Hanusová, R.
- Huang, N., Courtois, B., Khush, G.S., Lin, H., Wang, G., Wu, P., Zheng, K., Association of quantitative trait loci for plant height with major dwarfing genes in rice 130
- Humphreys, M.W., Pasakinskiene, I., Chromosome painting to locate genes for drought resistance transferred from *Festuca arundinacea* into *Lolium multiflorum* 530
- Hurst, G.D.D., Hammarton, T.C., Obrycki, J.J., Majerus, T.M.O., Walker, L.E., Bertrand, D., Majerus, M.E.N., Male-killing bacterium in a fifth ladybird beetle, *Coleomegilla maculata* (Coleoptera: Coccinellidae) 177
- Ibrahim, K.M. *see* Juan, C.
- Ibrahim, K.M., Hayter, J.B.R., Barrett, J.A., Frequency changes in storage protein genes in a hybrid bulk population of barley 231
- Ibrahim, K.M., Nichols, R.A., Hewitt, G.M., Spatial patterns of genetic variation generated by different forms of dispersal during range expansion 282
- Imasheva, A.G. *see* Bublil, O.A.
- Islam-Faridi, M.N., Worland, A.J., Law, C.N., Inhibition of ear-emergence time and sensitivity to day-length, determined by the group 6 chromosomes of wheat 572
- Javed, N. *see* Blackman, R.L.
- Joshi, A., Knight, C.D., Mueller, L.D., Genetics of larval urea tolerance in *Drosophila melanogaster* 33
- Jourdane, J. *see* Trouvé, S.
- Joyner, K.L. *see* Rawson, P.D.
- Juan, C., Ibrahim, K.M., Oromi, P., Hewitt, G.M., Mitochondrial DNA sequence variation and phylogeography of *Pimelia* darkling beetles on the Island of Tenerife (Canary Islands) 589
- Kadereit, J.W. *see* Comes, H.P.
- Kamau, L. *see* Lehmann, T.
- Karakousis, Y. *see* Apostolidis, A.P.
- Kearsey, M. *see* Bezant, J.
- Khush, G.S. *see* Huang, N.
- King, E.J. *see* Wiens, D.
- Knight, C.D. *see* Joshi, A.
- Lascoux, M. *see* Lee, J.K.
- Laurie, D. *see* Bezant, J.
- Law, C.N. *see* Islam-Faridi, M.N.
- Lee, J.K., Lascoux, M., Nordheim, E.V., Number of lethal equivalents in human populations: how good are the previous estimates? 209
- Lefèvre, F. *see* Legionnet, A.
- Legionnet, A., Lefevre, F., Genetic variation of the riparian pioneer tree species *Populus nigra* L. I. Study of population structure based on isozymes 629
- Lehmann, T., Hawley, W.A., Kamau, L., Fontenille, D., Simard, F., Collins, F.H., Genetic differentiation of *Anopheles gambiae* populations from East and West Africa: comparison of microsatellite and allozyme loci 192

- Leonardi, S., Menozzi, P., Spatial structure of genetic variability in natural stands of *Fagus sylvatica* L. (beech) in Italy 359
- Lin, H. *see* Huang, N.
- Lin, T.-P. *see* Wang, C.-T.
- Loeschcke, V. *see* Nielsen, E.E.
- Macas, E. *see* Wedekind, C.
- MacNair, J. *see* Naylor, J.
- McPheron, B.A. *see* Berlocher, S.H.
- Madec, L. *see* Guiller, A.
- Majerus, M.E.N. *see* Hurst, G.D.D.
- Majerus, T.M.O. *see* Hurst, G.D.D.
- Manicacci, D. *see* Eckert, C.G.
- Mantovani, B., Tinti, F., Barilani, M., Scali, V., Current reproductive isolation between ancestors of natural hybrids in *Bacillus* stick insects (Insecta: Phasmatodea) 261
- Marchi, A., Addis, G., Exposito Hermosa, V., Crnjar, R., Genetic divergence and evolution of *Polyommatus coridon gennargentii* (Lepidoptera: Lycaenidae) in Sardinia 16
- Maside, X.R., Naveira, H.F., A polygenic basis of hybrid sterility may give rise to spurious localizations of major sterility factors 488
- Maside, X.R., Naveira, H.F., On the difficulties of discriminating between major and minor hybrid male sterility factors in *Drosophila* by examining the segregation ratio of sterile and fertile sons in backcrossing experiments 433
- Mather, P.B. *see* Fuller, S.J.
- Mazer, S.J., Delesalle, V.A., Floral trait variation in *Spergularia marina* (Caryophyllaceae): ontogenetic, maternal family, and population effects 269
- Meetze, K. *see* Rawson, P.D.
- Meffert, L.M. *see* Bryant, E.H.
- Megard, R.O. *see* Ross, M.J.
- Menegazzi, M. *see* Ennas, M.G.
- Menozzi, P. *see* Leonardi, S.
- Merçot, H. *see* Higuët, D.
- Merilä, J., Björklund, M., Baker, A.J., The successful founder: genetics of introduced *Carduelis chloris* (greenfinch) populations in New Zealand 410
- Mettenmeyer, T. *see* Beukeboom, L.W.
- Mezzanotte, R. *see* Ennas, M.G.
- Michiels, N.K. *see* Beukeboom, L.W.
- Mogg, R.J. *see* Raybould, A.F.
- Montchamp-Moreau, C. *see* Higuët, D.
- Morán, P., Pendás, A.M., Beall, E., García-Vázquez, E., Genetic assessment of the reproductive success of Atlantic salmon precocious parr by means of VNTR loci 655
- Mueller, D.L. *see* Joshi, A.
- Naveira, H.F. *see* Maside, X.R.
- Naylor, J., Macnair, M.R., Williams, E.N.D., Poultons, P.R., A polymorphism for phosphate uptake/arsenate tolerance in *Holcus lanatus* L.: is there a correlation with edaphic or environmental factors? 509
- Nichols, R.A. *see* Ibrahim, K.M.
- Nickrent, D.L. *see* Wiens, D.
- Nieddu, M. *see* Ennas, M.G.
- Nielsen, E.E., Hansen, M.M., Loeschcke, V., Genetic structure of European populations of *Salmo salar* L. (Atlantic salmon) inferred from mitochondrial DNA 351
- Nordheim, E.V. *see* Lee, J.K.
- Obrycki, J.J. *see* Hurst, G.D.D.
- O'Donald, P. *see* Tomlinson, I.P.M.
- O'Hara, R.B., Brown, J.K.M., Frequency- and density-dependent selection in wheat powdery mildew 439
- O'Malley, D.M. *see* Plomion, C.
- Oromi, P. *see* Juan, C.
- Ottenheim, M.M., Volmer, A.D., Holloway, G.J., The genetics of phenotypic plasticity in adult abdominal colour pattern of *Eristalis arbustorum* (Diptera: Syrphidae) 493
- Parker, P.G. *see* Peare, T.
- Pasakinskiene, I. *see* Humphreys, M.W.
- Pasteur, N. *see* Guillemaud, T.; Rooker, S.
- Peare, T., Parker, P.G., Local genetic structure within two rookeries of *Chelonia mydas* (the Green turtle) 619
- Pendás, A.M. *see* Morán, P.
- Pereira, J., Dujardin, J.P., Salvatella, R., Tibayrenc, M., Enzymatic variability and phylogenetic relatedness among *Triatoma infestans*, *T. platensis*, *T. delpontei* and *T. rubrovaria* 47
- Pigliucci, M., Modelling phenotypic plasticity. II. Do genetic correlations matter? 453
- Pla, C. *see* García-Marín, J.L.
- Plomion, C., O'Malley, D.M., Recombination rate differences for pollen parents and seed parents in *Pinus pinaster* 341
- Plowman, A.B. *see* Beukeboom, L.W.
- Poulton, P.R. *see* Naylor, J.
- Powell, R. *see* Sánchez, J.A.
- Pratchett, N. *see* Bezant, J.
- Pugh, A.R.G., Ritchie, M.G., Polygenic control of a mating signal in *Drosophila* 378
- Rakitskaya, T.A. *see* Bublí, O.A.
- Ramos, D. *see* Sánchez, J.A.
- Rasmuson, M., A case of abnormal sex-dimorphism for bristle number in *Drosophila melanogaster* 146
- Rawson, P.D., Joyner, K.L., Meetze, K., Hilbish, T.J., Evidence for intragenic recombination within a novel genetic marker that distinguishes mussels in the *Mytilus edulis* species complex 599
- Raybould, A.F., Mogg, R.J., Clarke, R.T., The genetic structure of *Beta vulgaris* ssp. *maritima* (sea beet) populations: RFLPs and isoenzymes show different patterns of gene flow 245
- Rayburn, A.L. *see* Gourmet, C.
- Raymond, M. *see* Guillemaud, T.; Rooker, S.
- Renaud, F. *see* Trouvé, S.

- Ritchie, M.G. *see* Pugh, A.R.G.  
 Rodríguez, C. *see* Fanara, J.J.  
 Rooker, S. *see* Guillemaud, T.  
 Rooker, S., Guillemaud, T., Bergé, J., Pasteur, N., Raymond, M.,  
 Coamplification of esterase A and B genes as a single unit  
 in *Culex pipiens* mosquitoes **555**  
 Ross, M.J., Curtsinger, J.W., Megard, R.O., Development of  
 population structure in *Daphnia* clones in a stratified  
 lake **292**  
 Rüllicke, T. *see* Wedekind, C.
- Salvatella, R. *see* Pereira, J.  
 Sánchez, J.A., Clabby, C., Ramos, D., Blanco, G., Flavin, F.,  
 Vazquez, E., Powell, R., Protein and microsatellite single  
 locus variability in *Salmo salar* L. (Atlantic salmon) **423**  
 Santos, M. *see* Fanara, J.J.  
 Scali, V. *see* Mantovani, B.  
 Schierup, M.H., Christiansen, F.B., Inbreeding depression and  
 outbreeding depression in plants **461**  
 Seif, M. *see* Beukeboom, L.W.  
 Shaw, C.G., III *see* Wiens, D.  
 Shimizu, J.Y. *see* Burczyk, T.  
 Simard, F. *see* Lehmann, T.  
 Spence, J.M. *see* Blackman, R.L.  
 Suzuki, H. *see* Ennas, M.G.
- Tachida, H., Yoshimaru, H., Genetic diversity in partially selfing  
 populations with the stepping-stone structure **469**  
 Teale, S.A. *see* Hager, B.J.  
 Thompson, R. *see* Whittaker, J.C.  
 Tibayrenc, M. *see* Pereira, J.  
 Tinti, F. *see* Mantovani, B.  
 Tomlinson, I.P.M., O'Donald, P., The influence of female  
 viability differences on the evolution of mate choice **303**  
 Triantaphyllidis, C. *see* Apostolidis, A.P.  
 Trouvé, S., Renaud, F., Durand, P., Jourdane, J., Selfing and  
 outcrossing in a parasitic hermaphrodite helminth (Trem-  
 atoda, Echinostomatidae) **1**
- Vázquez, E. *see* Sánchez, J.A.  
 Visscher, P.M. *see* Whittaker, J.C.  
 Volmer, A.D. *see* Ottenheim, M.M.
- Walker, L.E. *see* Hurst, G.D.D.  
 Wang, C.-T., Wang, W.-Y., Chiang, C.-H., Wang, Y.-N., Lin,  
 T.-P., Low genetic variation in *Amentotaxus formosana* Li.  
 revealed by isozyme analysis and random amplified poly-  
 morphic DNA markers **388**  
 Wang, G. *see* Huang, N.  
 Wang, W.-Y. *see* Wang, C.-T.  
 Wang, Y.-N. *see* Wang, C.-T.  
 Wedekind, C., Chapuisat, M., Macas, E., Rüllicke, T., Non-ran-  
 dom fertilization in mice correlates with the MHC and  
 something else **400**  
 Whittaker, J.C., Thompson, R., Visscher, P.M., On the mapping  
 of QTL by regression of phenotype on marker-type **23**  
 Wiens, D., Nickrent, D.L., Shaw, C.G., III, Hawksworth, F.G.,  
 Hennon, P.E., King, E.J., Embryonic and host-  
 associated skewed adult sex ratios in dwarf mistletoe **55**  
 Williams, C.L., Goldson, S.L., Bullock, D.W., Unusual mitochon-  
 drial genome in introduced and native populations of  
*Listronotus bonariensis* (Kuschel) **565**  
 Williams, E.N.D. *see* Naylor, J.  
 Wilson, I.F., Application of ecological genetics techniques to test  
 for selection by habitat on allozymes in *Cepaea nemoralis*  
 (L.) **324**  
 Wilson, J.C. *see* Fuller, S.J.  
 Worland, A.J. *see* Islam-Faridi, M.N.  
 Wu, P. *see* Huang, N.
- Yoshimaru, H. *see* Tachida, H.  
 Zeller, F.J. *see* Hanusová, R.  
 Zheng, K. *see* Huang, N.