

# John Pannell

## List of Publications by Citations

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143  
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ext. citations

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avg, IF

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| #   | Paper                                                                                                                                                                                        | IF   | Citations |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 143 | Effects of metapopulation processes on measures of genetic diversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2000</b> , 355, 1851-64             | 5.8  | 214       |
| 142 | BAKER'S LAW REVISITED: REPRODUCTIVE ASSURANCE IN A METAPOPOPULATION. <i>Evolution; International Journal of Organic Evolution</i> , <b>1998</b> , 52, 657-668                                | 3.8  | 206       |
| 141 | The Evolution and Maintenance of Androdioecy. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2002</b> , 33, 397-425                                                        |      | 179       |
| 140 | Silene as a model system in ecology and evolution. <i>Heredity</i> , <b>2009</b> , 103, 5-14                                                                                                 | 3.6  | 165       |
| 139 | About PAR: the distinct evolutionary dynamics of the pseudoautosomal region. <i>Trends in Genetics</i> , <b>2011</b> , 27, 358-67                                                            | 8.5  | 129       |
| 138 | Reduced inbreeding depression after species range expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 15379-83            | 11.5 | 122       |
| 137 | The scope of Baker's law. <i>New Phytologist</i> , <b>2015</b> , 208, 656-67                                                                                                                 | 9.8  | 120       |
| 136 | Are Q(ST)-F(ST) comparisons for natural populations meaningful?. <i>Molecular Ecology</i> , <b>2008</b> , 17, 4782-5                                                                         | 5.7  | 117       |
| 135 | Reduced responses to selection after species range expansion. <i>Science</i> , <b>2008</b> , 321, 96                                                                                         | 33.3 | 117       |
| 134 | Baker's Law Revisited: Reproductive Assurance in a Metapopulation. <i>Evolution; International Journal of Organic Evolution</i> , <b>1998</b> , 52, 657                                      | 3.8  | 113       |
| 133 | NEUTRAL GENETIC DIVERSITY IN A METAPOPOPULATION WITH RECURRENT LOCAL EXTINCTION AND RECOLONIZATION. <i>Evolution; International Journal of Organic Evolution</i> , <b>1999</b> , 53, 664-676 | 3.8  | 110       |
| 132 | Evolution of the mating system in colonizing plants. <i>Molecular Ecology</i> , <b>2015</b> , 24, 2018-37                                                                                    | 5.7  | 97        |
| 131 | Polyploidy and the sexual system: what can we learn from <i>Mercurialis annua</i> ?. <i>Biological Journal of the Linnean Society</i> , <b>2004</b> , 82, 547-560                            | 1.9  | 90        |
| 130 | Sexual selection in plants. <i>Current Biology</i> , <b>2011</b> , 21, R176-82                                                                                                               | 6.3  | 88        |
| 129 | Coalescence in a metapopulation with recurrent local extinction and recolonization. <i>Evolution; International Journal of Organic Evolution</i> , <b>2003</b> , 57, 949-61                  | 3.8  | 88        |
| 128 | THE MAINTENANCE OF GYNODIOECY AND ANDRODIOECY IN A METAPOPOPULATION. <i>Evolution; International Journal of Organic Evolution</i> , <b>1997</b> , 51, 10-20                                  | 3.8  | 87        |
| 127 | Ecological differentiation and diploid superiority across a moving ploidy contact zone. <i>Evolution; International Journal of Organic Evolution</i> , <b>2007</b> , 61, 125-40              | 3.8  | 87        |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 126 | Simple allelic-phenotype diversity and differentiation statistics for allopolyploids. <i>Heredity</i> , <b>2006</b> , 97, 296-303                                                                              | 3.6  | 86 |
| 125 | Variation in Sex Ratios and Sex Allocation in Androdioecious <i>Mercurialis Annua</i> . <i>Journal of Ecology</i> , <b>1997</b> , 85, 57                                                                       | 6    | 85 |
| 124 | Low number of fixed somatic mutations in a long-lived oak tree. <i>Nature Plants</i> , <b>2017</b> , 3, 926-929                                                                                                | 11.5 | 74 |
| 123 | Mixed genetic and environmental sex determination in an androdioecious population of <i>Mercurialis annua</i> . <i>Heredity</i> , <b>1997</b> , 78, 50-56                                                      | 3.6  | 73 |
| 122 | Roots, shoots and reproduction: sexual dimorphism in size and costs of reproductive allocation in an annual herb. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2008</b> , 275, 2595-602 | 4.4  | 71 |
| 121 | Widespread functional androdioecy in <i>Mercurialis annua</i> . (Euphorbiaceae). <i>Biological Journal of the Linnean Society</i> , <b>1997</b> , 61, 95-116                                                   | 1.9  | 69 |
| 120 | Sexual systems and population genetic structure in an annual plant: testing the metapopulation model. <i>American Naturalist</i> , <b>2006</b> , 167, 354-66                                                   | 3.7  | 67 |
| 119 | HYBRIDIZATION, POLYPLOIDY, AND THE EVOLUTION OF SEXUAL SYSTEMS IN MERCURIALIS (EUPHORBIACEAE). <i>Evolution; International Journal of Organic Evolution</i> , <b>2006</b> , 60, 1801-1815                      | 3.8  | 67 |
| 118 | On the rarity of dioecy in flowering plants. <i>Molecular Ecology</i> , <b>2017</b> , 26, 1225-1241                                                                                                            | 5.7  | 66 |
| 117 | Effect of magnetic fields on cryptochrome-dependent responses in <i>Arabidopsis thaliana</i> . <i>Journal of the Royal Society Interface</i> , <b>2009</b> , 6, 1193-205                                       | 4.1  | 61 |
| 116 | Density-dependent self-fertilization and male versus hermaphrodite siring success in an androdioecious plant. <i>Evolution; International Journal of Organic Evolution</i> , <b>2007</b> , 61, 2349-59         | 3.8  | 59 |
| 115 | Colonisation as a common denominator in plant metapopulations and range expansions: effects on genetic diversity and sexual systems. <i>Landscape Ecology</i> , <b>2006</b> , 21, 837-848                      | 4.3  | 58 |
| 114 | Neutral Genetic Diversity in a Metapopulation with Recurrent Local Extinction and Recolonization. <i>Evolution; International Journal of Organic Evolution</i> , <b>1999</b> , 53, 664                         | 3.8  | 58 |
| 113 | Self-compatibility is over-represented on islands. <i>New Phytologist</i> , <b>2017</b> , 215, 469-478                                                                                                         | 9.8  | 57 |
| 112 | Rapid displacement of a monoecious plant lineage is due to pollen swamping by a dioecious relative. <i>Current Biology</i> , <b>2006</b> , 16, 996-1000                                                        | 6.3  | 57 |
| 111 | Gender Variation and Transitions between Sexual Systems in <i>Mercurialis annua</i> (Euphorbiaceae). <i>International Journal of Plant Sciences</i> , <b>2008</b> , 169, 129-139                               | 2.6  | 55 |
| 110 | Density-dependent pollen limitation and reproductive assurance in a wind-pollinated herb with contrasting sexual systems. <i>Journal of Ecology</i> , <b>2011</b> , 99, 1531-1539                              | 6    | 53 |
| 109 | Plant Sex Determination. <i>Current Biology</i> , <b>2017</b> , 27, R191-R197                                                                                                                                  | 6.3  | 52 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 108 | A hypothesis for the evolution of androdioecy: the joint influence of reproductive assurance and local mate competition in a metapopulation. <i>Evolutionary Ecology</i> , <b>2000</b> , 14, 195-211                      | 1.8  | 52 |
| 107 | The incidence and selection of multiple mating in plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 368, 20120051                                                     | 5.8  | 50 |
| 106 | Sexual dimorphism in a dioecious population of the wind-pollinated herb <i>Mercurialis annua</i> : the interactive effects of resource availability and competition. <i>Annals of Botany</i> , <b>2011</b> , 107, 1039-45 | 4.1  | 49 |
| 105 | Characterization of microsatellite loci and reliable genotyping in a polyploid plant, <i>Mercurialis perennis</i> (Euphorbiaceae). <i>Journal of Heredity</i> , <b>2011</b> , 102, 479-88                                 | 2.4  | 47 |
| 104 | Genetic differentiation for size at first reproduction through male versus female functions in the widespread Mediterranean tree <i>Pinus pinaster</i> . <i>Annals of Botany</i> , <b>2012</b> , 110, 1449-60             | 4.1  | 47 |
| 103 | The Maintenance of Gynodioecy and Androdioecy in a Metapopulation. <i>Evolution; International Journal of Organic Evolution</i> , <b>1997</b> , 51, 10                                                                    | 3.8  | 47 |
| 102 | Evolution in subdivided plant populations: concepts, recent advances and future directions. <i>New Phytologist</i> , <b>2014</b> , 201, 417-432                                                                           | 9.8  | 44 |
| 101 | Range Expansion Compromises Adaptive Evolution in an Outcrossing Plant. <i>Current Biology</i> , <b>2017</b> , 27, 2544-2551.e4                                                                                           | 6.3  | 43 |
| 100 | Hermaphroditic sex allocation evolves when mating opportunities change. <i>Current Biology</i> , <b>2009</b> , 19, 514-7                                                                                                  | 6.3  | 42 |
| 99  | Canopy seed storage is associated with sexual dimorphism in the woody dioecious genus <i>Leucadendron</i> . <i>Journal of Ecology</i> , <b>2010</b> , 98, 509-515                                                         | 6    | 38 |
| 98  | Sex determination in dioecious <i>Mercurialis annua</i> and its close diploid and polyploid relatives. <i>Heredity</i> , <b>2015</b> , 114, 262-71                                                                        | 3.6  | 36 |
| 97  | Early Sex-Chromosome Evolution in the Diploid Dioecious Plant. <i>Genetics</i> , <b>2019</b> , 212, 815-835                                                                                                               | 4    | 35 |
| 96  | Sexual dimorphism in resource acquisition and deployment: both size and timing matter. <i>Annals of Botany</i> , <b>2011</b> , 107, 119-26                                                                                | 4.1  | 33 |
| 95  | Density-dependent regulation of the sex ratio in an annual plant. <i>American Naturalist</i> , <b>2008</b> , 171, 824-30                                                                                                  | 3.7  | 33 |
| 94  | Galdane Sieve on a metapopulation: sifting through plant reproductive polymorphisms. <i>Trends in Ecology and Evolution</i> , <b>2005</b> , 20, 374-9                                                                     | 10.9 | 32 |
| 93  | Leaf mimicry: chameleon-like leaves in a patagonian vine. <i>Current Biology</i> , <b>2014</b> , 24, R357-9                                                                                                               | 6.3  | 30 |
| 92  | Effects of population size and metapopulation dynamics on a mating-system polymorphism. <i>Theoretical Population Biology</i> , <b>2001</b> , 59, 145-55                                                                  | 1.2  | 29 |
| 91  | Kin discrimination allows plants to modify investment towards pollinator attraction. <i>Nature Communications</i> , <b>2018</b> , 9, 2018                                                                                 | 17.4 | 28 |

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| 90 | Sex-specific strategies of resource allocation in response to competition for light in a dioecious plant. <i>Oecologia</i> , <b>2017</b> , 185, 675-686                                                                                          | 2.9 | 27 |
| 89 | Sexual systems and measures of occupancy and abundance in an annual plant: testing the metapopulation model. <i>American Naturalist</i> , <b>2007</b> , 169, 20-8                                                                                | 3.7 | 27 |
| 88 | Patterns of flowering and sex-ratio variation in the Mediterranean shrub <i>Phillyrea angustifolia</i> (Oleaceae): implications for the maintenance of males with hermaphrodites. <i>Ecology Letters</i> , <b>2000</b> , 3, 495-502              | 10  | 27 |
| 87 | What is functional androdioecy?. <i>Functional Ecology</i> , <b>2002</b> , 16, 862-865                                                                                                                                                           | 5.6 | 26 |
| 86 | Probing the primacy of the patch: what makes a metapopulation?. <i>Journal of Ecology</i> , <b>2003</b> , 91, 485-488                                                                                                                            | 6   | 26 |
| 85 | Regional variation in sex ratios and sex allocation in androdioecious <i>Mercurialis annua</i> . <i>Journal of Evolutionary Biology</i> , <b>2014</b> , 27, 1467-77                                                                              | 2.3 | 25 |
| 84 | Sexual dimorphism in intra- and interspecific competitive ability of the dioecious herb <i>Mercurialis annua</i> . <i>Plant Biology</i> , <b>2011</b> , 13, 218-22                                                                               | 3.7 | 25 |
| 83 | Rapid divergence in physiological and life-history traits between northern and southern populations of the British introduced neo-species, <i>Senecio squalidus</i> . <i>Oikos</i> , <b>2009</b> , 118, 1053-1061                                | 4   | 25 |
| 82 | A quantitative genetic signature of senescence in a short-lived perennial plant. <i>Current Biology</i> , <b>2014</b> , 24, 744-7                                                                                                                | 6.3 | 24 |
| 81 | Consequences of inbreeding depression due to sex-linked loci for the maintenance of males and outcrossing in branchiopod crustaceans. <i>Genetical Research</i> , <b>2008</b> , 90, 73-84                                                        | 1.1 | 23 |
| 80 | Female sterility in <i>Ulmus minor</i> (Ulmaceae): a hypothesis invoking the cost of sex in a clonal plant. <i>American Journal of Botany</i> , <b>2003</b> , 90, 603-9                                                                          | 2.7 | 23 |
| 79 | The effect of pollen versus seed flow on the maintenance of nuclear-cytoplasmic gynodioecy. <i>Evolution; International Journal of Organic Evolution</i> , <b>2010</b> , 64, 772-84                                                              | 3.8 | 22 |
| 78 | Inferring the mode of origin of polyploid species from next-generation sequence data. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1047-59                                                                                                       | 5.7 | 21 |
| 77 | Mixed genetic and environmental sex determination in an androdioecious population of <i>Mercurialis annua</i> . <i>Heredity</i> , <b>1997</b> , 78, 50-6                                                                                         | 3.6 | 21 |
| 76 | Hybridization, polyploidy, and the evolution of sexual systems in <i>Mercurialis</i> (Euphorbiaceae). <i>Evolution; International Journal of Organic Evolution</i> , <b>2006</b> , 60, 1801-15                                                   | 3.8 | 21 |
| 75 | Canopy-Stored Seed Banks of <i>Allocasuarina distyla</i> and <i>A. nana</i> in Relation to Time Since Fire. <i>Australian Journal of Botany</i> , <b>1993</b> , 41, 1                                                                            | 1.2 | 19 |
| 74 | Female sterility associated with increased clonal propagation suggests a unique combination of androdioecy and asexual reproduction in populations of <i>Cardamine amara</i> (Brassicaceae). <i>Annals of Botany</i> , <b>2015</b> , 115, 763-76 | 4.1 | 17 |
| 73 | Size and Content of the Sex-Determining Region of the Y Chromosome in Dioecious , a Plant with Homomorphic Sex Chromosomes. <i>Genes</i> , <b>2018</b> , 9,                                                                                      | 4.2 | 17 |

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| 72 | Differential niche modification by males and females of a dioecious herb: extending the Jack Sprat effect. <i>Journal of Evolutionary Biology</i> , <b>2010</b> , 23, 2262-6                                                           | 2.3 | 16 |
| 71 | Exogenous selection shapes germination behaviour and seedling traits of populations at different altitudes in a <i>Senecio</i> hybrid zone. <i>Annals of Botany</i> , <b>2012</b> , 110, 1439-47                                       | 4.1 | 16 |
| 70 | Mating-system evolution: rise of the irresistible males. <i>Current Biology</i> , <b>2010</b> , 20, R482-4                                                                                                                             | 6.3 | 16 |
| 69 | Inbreeding depression in dioecious populations of the plant <i>Mercurialis annua</i> : comparisons between outcrossed progeny and the progeny of self-fertilized feminized males. <i>Heredity</i> , <b>2009</b> , 102, 600-8           | 3.6 | 15 |
| 68 | Widespread functional androdioecy in <i>Mercurialis annua</i> L. (Euphorbiaceae). <i>Biological Journal of the Linnean Society</i> , <b>1997</b> , 61, 95-116                                                                          | 1.9 | 15 |
| 67 | Responses of carbon acquisition traits to irradiance and light quality in <i>Mercurialis annua</i> (Euphorbiaceae): evidence for weak integration of plastic responses. <i>American Journal of Botany</i> , <b>2002</b> , 89, 1388-400 | 2.7 | 15 |
| 66 | Two♀ company, three♀ a crowd: experimental evaluation of the evolutionary maintenance of trioecy in <i>Mercurialis annua</i> (Euphorbiaceae). <i>PLoS ONE</i> , <b>2012</b> , 7, e35597                                                | 3.7 | 14 |
| 65 | A neutral model for the loss of recombination on sex chromosomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20200096                                                          | 5.8 | 14 |
| 64 | Small-scale and regional spatial dynamics of an annual plant with contrasting sexual systems. <i>Journal of Ecology</i> , <b>2017</b> , 105, 1044-1057                                                                                 | 6   | 13 |
| 63 | Inbreeding depression is high in a self-incompatible perennial herb population but absent in a self-compatible population showing mixed mating. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 8535-8544                              | 2.8 | 13 |
| 62 | A functional decomposition of sex inconstancy in the dioecious, colonizing plant <i>Mercurialis annua</i> . <i>American Journal of Botany</i> , <b>2019</b> , 106, 722-732                                                             | 2.7 | 12 |
| 61 | Do metrics of sexual selection conform to Bateman's principles in a wind-pollinated plant?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20190532                                               | 4.4 | 12 |
| 60 | Solving the problem of ambiguous paralogy for marker loci: microsatellite markers with diploid inheritance in Allohexaploid <i>Mercurialis annua</i> (Euphorbiaceae). <i>Journal of Heredity</i> , <b>2010</b> , 101, 504-11           | 2.4 | 12 |
| 59 | Sexual Dimorphism in Androdioecious <i>Mercurialis annua</i> , a Wind-Pollinated Herb. <i>International Journal of Plant Sciences</i> , <b>2011</b> , 172, 49-59                                                                       | 2.6 | 12 |
| 58 | Mixed mating in androdioecious <i>Mercurialis annua</i> inferred using progeny arrays and diploid-acting microsatellite loci in a hexaploid background. <i>Annals of Botany</i> , <b>2011</b> , 107, 1057-61                           | 4.1 | 10 |
| 57 | Do plants adjust their sex allocation and secondary sexual morphology in response to their neighbours?. <i>Annals of Botany</i> , <b>2012</b> , 110, 1471-8                                                                            | 4.1 | 10 |
| 56 | The maintenance of hybrid zones across a disturbance gradient. <i>Heredity</i> , <b>2007</b> , 99, 89-101                                                                                                                              | 3.6 | 10 |
| 55 | Effects of pollination intensity on offspring number and quality in a wind-pollinated herb. <i>Journal of Ecology</i> , <b>2017</b> , 105, 197-208                                                                                     | 6   | 9  |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|
| 54 | The paradoxical spread of a new Y chromosome - a novel explanation. <i>Trends in Ecology and Evolution</i> , <b>2009</b> , 24, 59-63                                                                                                                            | 10.9 | 9 |
| 53 | A test of the size-constraint hypothesis for a limit to sexual dimorphism in plants. <i>Oecologia</i> , <b>2016</b> , 181, 873-84                                                                                                                               | 2.9  | 9 |
| 52 | Mimicry in plants. <i>Current Biology</i> , <b>2016</b> , 26, R784-5                                                                                                                                                                                            | 6.3  | 9 |
| 51 | Sexual dimorphism and rapid turnover in gene expression in pre-reproductive seedlings of a dioecious herb. <i>Annals of Botany</i> , <b>2019</b> , 123, 1119-1131                                                                                               | 4.1  | 9 |
| 50 | Sex Determination: Separate Sexes Are a Double Turnoff in Melons. <i>Current Biology</i> , <b>2016</b> , 26, R171-4                                                                                                                                             | 6.3  | 8 |
| 49 | Symptoms of population range expansion: lessons from phenotypic and genetic differentiation in hexaploid <i>Mercurialis annua</i> . <i>Plant Ecology and Diversity</i> , <b>2010</b> , 3, 103-108                                                               | 2.2  | 8 |
| 48 | Maintenance of mixed mating after the loss of self-incompatibility in a long-lived perennial herb. <i>Annals of Botany</i> , <b>2017</b> , 119, 177-190                                                                                                         | 4.1  | 7 |
| 47 | Sex-specific selection on plant architecture through "budget" and "direct" effects in experimental populations of the wind-pollinated herb, <i>Mercurialis annua</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2019</b> , 73, 897-912 | 3.8  | 7 |
| 46 | Plasticity in sex allocation in the plant <i>Mercurialis annua</i> is greater for hermaphrodites sampled from dimorphic than from monomorphic populations. <i>Journal of Evolutionary Biology</i> , <b>2014</b> , 27, 1939-47                                   | 2.3  | 7 |
| 45 | Sex-differential herbivory in androdioecious <i>Mercurialis annua</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e22083                                                                                                                                               | 3.7  | 7 |
| 44 | Siring success and paternal effects in heterodichogamous <i>Acer opalus</i> . <i>Annals of Botany</i> , <b>2008</b> , 101, 1017-26                                                                                                                              | 4.26 | 7 |
| 43 | Phenotypic plasticity and a functional vs genetic perspective of plant gender. <i>New Phytologist</i> , <b>2005</b> , 168, 506-9                                                                                                                                | 9.8  | 7 |
| 42 | Genetic load, inbreeding depression and heterosis in an age-structured metapopulation. <i>Journal of Evolutionary Biology</i> , <b>2010</b> , 23, 2324-32                                                                                                       | 2.3  | 6 |
| 41 | The rapid dissolution of dioecy by experimental evolution. <i>Current Biology</i> , <b>2021</b> , 31, 1277-1283.e5                                                                                                                                              | 6.3  | 6 |
| 40 | Pleiotropic effect of the Flowering Locus C on plant resistance and defence against insect herbivores. <i>Journal of Ecology</i> , <b>2018</b> , 106, 1244-1255                                                                                                 | 6    | 6 |
| 39 | Evolution and Ecology of Plant Mating Systems1-9                                                                                                                                                                                                                |      | 6 |
| 38 | YY males of the dioecious plant <i>Mercurialis annua</i> are fully viable but produce largely infertile pollen. <i>New Phytologist</i> , <b>2019</b> , 224, 1394-1404                                                                                           | 9.8  | 5 |
| 37 | Plant mating systems: female sterility in the driverQ seat. <i>Current Biology</i> , <b>2015</b> , 25, R511-4                                                                                                                                                   | 6.3  | 5 |

- 36 The loss of self-incompatibility in a range expansion. *Journal of Evolutionary Biology*, **2020**, 33, 1235-1244.3 5
- 35 The role of lateral and vertical herkogamy in the divergence of the blue- and red-flowered lineages of *Lysimachia arvensis*. *Annals of Botany*, **2020**, 125, 1127-1135 4.1 5
- 34 Sex Determination: Sterility Genes out of Sequence. *Current Biology*, **2018**, 28, R80-R83 6.3 5
- 33 Plant sex chromosomes: lost genes with little compensation. *Current Biology*, **2015**, 25, R427-30 6.3 5
- 32 On the problems of a closed marriage: celebrating Darwin 200. *Biology Letters*, **2009**, 5, 332-5 3.6 5
- 31 Mating-system evolution: succeeding by celibacy. *Current Biology*, **2009**, 19, R983-5 6.3 5
- 30 The divergence history of the perennial plant *Linaria cavanillesii* confirms a recent loss of self-incompatibility. *Journal of Evolutionary Biology*, **2018**, 31, 136-147 2.3 5
- 29 Heritabilities of lateral and vertical herkogamy in *Lysimachia arvensis*. *Plant Species Biology*, **2019**, 34, 31-37 1.3 4
- 28 Development and characterization of microsatellite markers for diploid populations of the wind-pollinated herb *Mercurialis annua*. *BMC Research Notes*, **2017**, 10, 386 2.3 4
- 27 HYBRIDIZATION, POLYPLOIDY, AND THE EVOLUTION OF SEXUAL SYSTEMS IN MERCURIALIS (EUPHORBIACEAE). *Evolution; International Journal of Organic Evolution*, **2006**, 60, 1801 3.8 4
- 26 Intraorganismal genetic heterogeneity: is it a useful concept?. *Journal of Evolutionary Biology*, **2004**, 17, 1180-1; discussion 1192-4 2.3 4
- 25 Enhanced leaky sex expression in response to pollen limitation in the dioecious plant *Mercurialis annua*. *Journal of Evolutionary Biology*, **2021**, 34, 416-422 2.3 4
- 24 Low siring success of females with an acquired male function illustrates the legacy of sexual dimorphism in constraining the breakdown of dioecy. *Ecology Letters*, **2019**, 22, 486-497 10 3
- 23 Gender specialisation and stigma height dimorphism in Mediterranean *Lithodora fruticosa* (Boraginaceae). *Plant Biology*, **2018**, 20 Suppl 1, 112-117 3.7 3
- 22 Evolution in subdivided populations. *Trends in Ecology and Evolution*, **2000**, 15, 90-92 10.9 3
- 21 Rapid loss of self-incompatibility in experimental populations of the perennial outcrossing plant *Linaria cavanillesii*. *Evolution; International Journal of Organic Evolution*, **2019**, 73, 913-926 3.8 2
- 20 A new biological species in the *Mercurialis annua* polyploid complex: functional divergence in inflorescence morphology and hybrid sterility. *Annals of Botany*, **2019**, 124, 165-178 4.1 2
- 19 Pollination elicits an accelerated reduction in nocturnal scent emission by flowers of the dioecious herb *Silene latifolia*. *Botany*, **2019**, 97, 495-502 1.3 2



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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|
| 18 | The ecology of plant populations: their dynamics, interactions and evolution. <i>Annals of Botany</i> , <b>2012</b> , 110, 1351-5                                                                                                                    | 4.1  | 2 |
| 17 | Inbreeding depression and genetic load at partially linked loci in a metapopulation. <i>Genetical Research</i> , <b>2010</b> , 92, 127-40                                                                                                            | 1.1  | 2 |
| 16 | Enhanced leaky sex expression is an adaptive plastic response to pollen limitation in the dioecious plant <i>Mercurialis annua</i>                                                                                                                   |      | 2 |
| 15 | The opposing effects of genetic drift and Haldane's sieve on floral-morph frequencies in tristylous metapopulations. <i>New Phytologist</i> , <b>2019</b> , 224, 1229-1240                                                                           | 9.8  | 1 |
| 14 | EVOLUTION OF THE MATING SYSTEM IN COLONIZING PLANTS <b>2016</b> , 57-80                                                                                                                                                                              |      | 1 |
| 13 | Speciation genetics: reinforcement by shades and hues. <i>Current Biology</i> , <b>2012</b> , 22, R299-302                                                                                                                                           | 6.3  | 1 |
| 12 | Dispersal ecology: where have all the seeds gone?. <i>Current Biology</i> , <b>2007</b> , 17, R360-2                                                                                                                                                 | 6.3  | 1 |
| 11 | High rates of evolution preceded shifts to sex-biased gene expression in , the most sexually dimorphic angiosperms. <i>ELife</i> , <b>2021</b> , 10,                                                                                                 | 8.9  | 1 |
| 10 | A ghost of dioecy past and the legacy of sexual dimorphism: low siring success of hermaphrodites after the breakdown of dioecy                                                                                                                       |      | 1 |
| 9  | YY males of the dioecious plant <i>Mercurialis annua</i> are fully viable but produce largely infertile pollen                                                                                                                                       |      | 1 |
| 8  | Rapid dissolution of dioecy by experimental evolution                                                                                                                                                                                                |      | 1 |
| 7  | The Scope for Postmating Sexual Selection in Plants. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 556-567                                                                                                                              | 10.9 | 1 |
| 6  | High rates of evolution preceded shifts to sex-biased gene expression in <i>Leucadendron</i> , the most sexually dimorphic angiosperms                                                                                                               |      | 1 |
| 5  | Recurrent allopolyploidization, Y-chromosome introgression and the evolution of sexual systems in the plant genus .. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 377, 20210224                     | 5.8  | 1 |
| 4  | Transitions Between Combined and Separate Sexes in Flowering Plants <b>2018</b> , 81-98                                                                                                                                                              |      | 0 |
| 3  | Mating-system evolution: genes from a bottleneck. <i>Current Biology</i> , <b>2009</b> , 19, R369-70                                                                                                                                                 | 6.3  |   |
| 2  | Gender and sexual dimorphism in flowering plants. Ed. by Monica A. Geber, Todd E. Dawson and Lynda F. Delph. 305 pages. Berlin, Germany: Springer Verlag, 1999. £49.50 h/b. ISBN 3 540 64597 7.. <i>New Phytologist</i> , <b>2000</b> , 145, 423-425 | 9.8  |   |
| 1  | Characterization of microsatellite markers for (Brassicaceae) and related species. <i>Applications in Plant Sciences</i> , <b>2018</b> , 6, e01172                                                                                                   | 2.3  |   |

