

Spencer Charles Hilton Barrett

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|--------------------|--------------------------|----------------|-----------------|
| 386 papers | 21,565 citations | 75 h-index | 128 g-index |
| 414 ext. papers | 23,956 ext. citations | 5.1 avg, IF | 7.39 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 386 | Phylogenetics of Seed Plants: An Analysis of Nucleotide Sequences from the Plastid Gene <i>rbcl</i> . <i>Annals of the Missouri Botanical Garden</i> , 1993 , 80, 528 | 1.8 | 1264 |
| 385 | The evolution of plant sexual diversity. <i>Nature Reviews Genetics</i> , 2002 , 3, 274-84 | 30.1 | 809 |
| 384 | Mating cost of large floral displays in hermaphrodite plants. <i>Nature</i> , 1995 , 373, 512-515 | 50.4 | 440 |
| 383 | Multiple multilocus DNA barcodes from the plastid genome discriminate plant species equally well. <i>PLoS ONE</i> , 2008 , 3, e2802 | 3.7 | 421 |
| 382 | A comparative analysis of pollen limitation in flowering plants. <i>Biological Journal of the Linnean Society</i> , 2000 , 69, 503-520 | 1.9 | 417 |
| 381 | Perspective: purging the genetic load: a review of the experimental evidence. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 2347-58 | 3.8 | 396 |
| 380 | Effects of a change in the level of inbreeding on the genetic load. <i>Nature</i> , 1991 , 352, 522-4 | 50.4 | 394 |
| 379 | Evolutionary processes in aquatic plant populations. <i>Aquatic Botany</i> , 1993 , 44, 105-145 | 1.8 | 308 |
| 378 | Mating strategies in flowering plants: the outcrossing-selfing paradigm and beyond. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003 , 358, 991-1004 | 5.8 | 307 |
| 377 | Rapid adaptation to climate facilitates range expansion of an invasive plant. <i>Science</i> , 2013 , 342, 364-6 | 33.3 | 302 |
| 376 | Wind of change: new insights on the ecology and evolution of pollination and mating in wind-pollinated plants. <i>Annals of Botany</i> , 2009 , 103, 1515-27 | 4.1 | 272 |
| 375 | Ecology and evolution of plant mating. <i>Trends in Ecology and Evolution</i> , 1996 , 11, 73-9 | 10.9 | 244 |
| 374 | Sexual dimorphism in flowering plants. <i>Journal of Experimental Botany</i> , 2013 , 64, 67-82 | 7 | 227 |
| 373 | Plant reproductive systems and evolution during biological invasion. <i>Molecular Ecology</i> , 2008 , 17, 373-83 | 5.7 | 227 |
| 372 | A Metapopulation Perspective in Plant Population Biology. <i>Journal of Ecology</i> , 1996 , 84, 461 | 6 | 209 |
| 371 | Sexual interference of the floral kind. <i>Heredity</i> , 2002 , 88, 154-9 | 3.6 | 206 |
| 370 | BAKER'S LAW REVISITED: REPRODUCTIVE ASSURANCE IN A METAPOPOPULATION. <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 657-668 | 3.8 | 206 |

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| 369 | The Ecological and Evolutionary Consequences of Clonality for Plant Mating. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2010 , 41, 193-213 | 13.5 | 203 |
| 368 | Are plant species inherently harder to discriminate than animal species using DNA barcoding markers?. <i>Molecular Ecology Resources</i> , 2009 , 9 Suppl s1, 130-9 | 8.4 | 186 |
| 367 | Pollen Dispersal and Mating Patterns in Animal-Pollinated Plants 1996 , 140-190 | | 183 |
| 366 | Common garden comparisons of native and introduced plant populations: latitudinal clines can obscure evolutionary inferences. <i>Evolutionary Applications</i> , 2009 , 2, 187-99 | 4.8 | 180 |
| 365 | Variation and Evolution of Mating Systems in Seed Plants 1990 , 229-254 | | 171 |
| 364 | Selection for Outcrossing, Sexual Selection, and the Evolution of Dioecy in Plants. <i>American Naturalist</i> , 1981 , 118, 443-449 | 3.7 | 165 |
| 363 | Genomic Consequences of Outcrossing and Selfing in Plants. <i>International Journal of Plant Sciences</i> , 2008 , 169, 105-118 | 2.6 | 154 |
| 362 | Genetic uniformity characterizes the invasive spread of water hyacinth (<i>Eichhornia crassipes</i>), a clonal aquatic plant. <i>Molecular Ecology</i> , 2010 , 19, 1774-86 | 5.7 | 140 |
| 361 | Phylogenetic analysis of the ecological correlates of dioecy in angiosperms. <i>Journal of Evolutionary Biology</i> , 2003 , 16, 1006-18 | 2.3 | 136 |
| 360 | The evolution of mating strategies in flowering plants. <i>Trends in Plant Science</i> , 1998 , 3, 335-341 | 13.1 | 134 |
| 359 | Re-establishment of clinal variation in flowering time among introduced populations of purple loosestrife (<i>Lythrum salicaria</i> , Lythraceae). <i>Journal of Evolutionary Biology</i> , 2008 , 21, 234-245 | 2.3 | 132 |
| 358 | Understanding plant reproductive diversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010 , 365, 99-109 | 5.8 | 131 |
| 357 | Influences of clonality on plant sexual reproduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8859-66 | 11.5 | 128 |
| 356 | THE DISSOLUTION OF A COMPLEX GENETIC POLYMORPHISM: THE EVOLUTION OF SELF-FERTILIZATION IN TRISTYLOUS EICHHORNIA PANICULATA (PONTEDERIACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 1398-1416 | 3.8 | 128 |
| 355 | Evolutionary constraints on adaptive evolution during range expansion in an invasive plant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 1799-806 | 4.4 | 127 |
| 354 | THE BIOLOGY OF CANADIAN WEEDS.: 77. <i>Echinochloa crus-galli</i> (L.) Beauv.. <i>Canadian Journal of Plant Science</i> , 1986 , 66, 739-759 | 1 | 126 |
| 353 | Discriminating plant species in a local temperate flora using the rbcL+matK DNA barcode. <i>Methods in Ecology and Evolution</i> , 2011 , 2, 333-340 | 7.7 | 125 |
| 352 | The effect of pollination intensity and incompatible pollen on seed set in <i>Turnera ulmifolia</i> (Turneraceae). <i>Canadian Journal of Botany</i> , 1984 , 62, 1298-1303 | | 123 |

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| 351 | VARIATION AND EVOLUTION OF BREEDING SYSTEMS IN THE TURNERA ULMIFOLIA L. COMPLEX (TURNERACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1987 , 41, 340-354 | 3.8 | 122 |
| 350 | New Insights on Heterostyly: Comparative Biology, Ecology and Genetics 2008 , 3-32 | | 120 |
| 349 | Variation in Outcrossing Rates in <i>Eichhornia paniculata</i> : The Role of Demographic and Reproductive Factors*. <i>Plant Species Biology</i> , 1990 , 5, 41-55 | 1.3 | 119 |
| 348 | Baker's Law Revisited: Reproductive Assurance in a Metapopulation. <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 657 | 3.8 | 113 |
| 347 | RECONSTRUCTION OF THE EVOLUTION OF REPRODUCTIVE CHARACTERS IN PONTEDERIACEAE USING PHYLOGENETIC EVIDENCE FROM CHLOROPLAST DNA RESTRICTION-SITE VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 1454-1469 | 3.8 | 113 |
| 346 | The evolution of plant reproductive systems: how often are transitions irreversible?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20130913 | 4.4 | 112 |
| 345 | The mating consequences of sexual segregation within inflorescences of flowering plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 315-20 | 4.4 | 108 |
| 344 | Rooting phylogenetic trees with distant outgroups: a case study from the commelinoid monocots. <i>Molecular Biology and Evolution</i> , 2002 , 19, 1769-81 | 8.3 | 107 |
| 343 | Gender variation and the evolution of dioecy in <i>Wurmbea dioica</i> (Liliaceae). <i>Journal of Evolutionary Biology</i> , 1992 , 5, 423-444 | 2.3 | 104 |
| 342 | The evolution and adaptive significance of heterostyly. <i>Trends in Ecology and Evolution</i> , 1990 , 5, 144-8 | 10.9 | 101 |
| 341 | Genetic degeneration of old and young Y chromosomes in the flowering plant <i>Rumex hastatulus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7713-8 | 11.5 | 97 |
| 340 | The reproductive biology of boreal forest herbs. I. Breeding systems and pollination. <i>Canadian Journal of Botany</i> , 1987 , 65, 2036-2046 | | 97 |
| 339 | Ecological genetics of sex ratios in plant populations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010 , 365, 2549-57 | 5.8 | 96 |
| 338 | A Phylogenetic Analysis of the Evolution of Wind Pollination in the Angiosperms. <i>International Journal of Plant Sciences</i> , 2008 , 169, 49-58 | 2.6 | 96 |
| 337 | The evolution and maintenance of monoecy and dioecy in <i>Sagittaria latifolia</i> (Alismataceae). <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 31-41 | 3.8 | 95 |
| 336 | Differential ovule development following self- and cross-pollination: the basis of self-sterility in <i>Narcissus triandrus</i> (Amaryllidaceae). <i>American Journal of Botany</i> , 1999 , 86, 855-870 | 2.7 | 94 |
| 335 | Pollen Removal From Tristylous <i>Pontederia Cordata</i> : Effects of Anther Position and Pollinator Specialization. <i>Ecology</i> , 1993 , 74, 1059-1072 | 4.6 | 94 |
| 334 | Comparative analyses of sex-ratio variation in dioecious flowering plants. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 661-72 | 3.8 | 93 |

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| 333 | INBREEDING DEPRESSION IN PARTIALLY SELF-FERTILIZING DECODON VERTICILLATUS (LYTHRACEAE): POPULATION-GENETIC AND EXPERIMENTAL ANALYSES. <i>Evolution; International Journal of Organic Evolution</i> , 1994 , 48, 952-964 | 3.8 | 93 |
| 332 | Heterostylous Genetic Polymorphisms: Model Systems for Evolutionary Analysis. <i>Monographs on Theoretical and Applied Genetics</i> , 1992 , 1-29 | | 93 |
| 331 | Evolution of floral display in <i>Eichhornia paniculata</i> (Pontederiaceae): direct and correlated responses to selection on flower size and number. <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1533-45 | 3.8 | 92 |
| 330 | Phylogenetic congruence and discordance among one morphological and three molecular data sets from Pontederiaceae. <i>Systematic Biology</i> , 1998 , 47, 545-67 | 8.4 | 91 |
| 329 | Division of labour within flowers: heteranthery, a floral strategy to reconcile contrasting pollen fates. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 828-39 | 2.3 | 89 |
| 328 | The population genomics of plant adaptation. <i>New Phytologist</i> , 2010 , 188, 313-32 | 9.8 | 88 |
| 327 | Phenotypic plasticity of vegetative and reproductive traits in monoecious and dioecious populations of <i>Sagittaria latifolia</i> (Alismataceae): a clonal aquatic plant. <i>Journal of Ecology</i> , 2004 , 92, 32-44 | 6 | 88 |
| 326 | Colonization history and population genetic structure of <i>Eichhornia paniculata</i> in Jamaica. <i>Heredity</i> , 1991 , 66, 287-296 | 3.6 | 87 |
| 325 | Spatial patterns of plant diversity below-ground as revealed by DNA barcoding. <i>Molecular Ecology</i> , 2011 , 20, 1289-302 | 5.7 | 85 |
| 324 | Environmental influence on primary sex ratio in a dioecious plant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10847-52 | 11.5 | 82 |
| 323 | Effects of Flower Number and Position on Self-Fertilization in Experimental Populations of <i>Eichhornia paniculata</i> (Pontederiaceae). <i>Functional Ecology</i> , 1994 , 8, 526 | 5.6 | 82 |
| 322 | Isozyme Variation in Colonizing Plants 1989 , 106-126 | | 80 |
| 321 | TEMPORAL VARIATION OF GENDER IN ARALIA HISPIDA VENT. (ARALIACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1981 , 35, 1094-1107 | 3.8 | 80 |
| 320 | Consequences of hierarchical allocation for the evolution of life-history traits. <i>American Naturalist</i> , 2003 , 161, 153-67 | 3.7 | 79 |
| 319 | Patterns of pollen removal and deposition in tristylous <i>Pontederia cordata</i> L. (Pontederiaceae). <i>Biological Journal of the Linnean Society</i> , 1989 , 36, 317-329 | 1.9 | 79 |
| 318 | Floral trimorphism and monomorphism in continental and island populations of <i>Eichhornia paniculata</i> (Spreng.) Solms. (Pontederiaceae). <i>Biological Journal of the Linnean Society</i> , 1985 , 25, 41-60 | 1.9 | 79 |
| 317 | Reviewers in 2016. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284, 20170676 | 4.4 | 78 |
| 316 | Reviewers in 2017. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285, 20180325 | 4.4 | 78 |

- 315 Darwin's legacy: the forms, function and sexual diversity of flowers. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 351-68 5.8 78
- 314 EXPERIMENTAL STUDIES ON THE FUNCTIONAL SIGNIFICANCE OF HETEROSTYLY. *Evolution; International Journal of Organic Evolution*, **1992**, 46, 43-55 3.8 78
- 313 Understanding the spectacular failure of DNA barcoding in willows (*Salix*): does this result from a trans-specific selective sweep?. *Molecular Ecology*, **2014**, 23, 4737-56 5.7 75
- 312 Quantitative genetics of floral characters in homostylous *Turnera ulmifolia* var. *angustifolia* Willd. (Turneraceae). *Heredity*, **1990**, 64, 105-112 3.6 75
- 311 Trait correlates and functional significance of heteranthery in flowering plants. *New Phytologist*, **2010**, 188, 418-25 9.8 74
- 310 Foundations of invasion genetics: the Baker and Stebbins legacy. *Molecular Ecology*, **2015**, 24, 1927-41 5.7 73
- 309 The Dissolution of a Complex Genetic Polymorphism: The Evolution of Self-Fertilization in Tristylous *Eichhornia paniculata* (Pontederiaceae). *Evolution; International Journal of Organic Evolution*, **1989**, 43, 1398 3.8 73
- 308 The Ecology of Mating and Its Evolutionary Consequences in Seed Plants. *Annual Review of Ecology, Evolution, and Systematics*, **2017**, 48, 135-157 13.5 72
- 307 Variation of pollen limitation in the early flowering Mediterranean geophyte *Narcissus assoanus* (Amaryllidaceae). *Oecologia*, **2000**, 124, 529-535 2.9 72
- 306 Genetic variation in continental and island populations of *Eichhornia paniculata* (Pontederiaceae). *Heredity*, **1987**, 59, 7-17 3.6 72
- 305 De novo sequence assembly and characterization of the floral transcriptome in cross- and self-fertilizing plants. *BMC Genomics*, **2011**, 12, 298 4.5 71
- 304 Environmental stress and the evolution of dioecy: *Wurmbea dioica* (Colchicaceae) in Western Australia. *Evolutionary Ecology*, **2004**, 18, 145-164 1.8 70
- 303 Solving the puzzle of mirror-image flowers. *Nature*, **2002**, 417, 707 50.4 70
- 302 Germination and seedling growth under anaerobic conditions in *Echinochloa crus-galli* (barnyard grass)*. *Plant, Cell and Environment*, **1980**, 3, 243-248 8.4 70
- 301 Variation and Evolution of Breeding Systems in the *Turnera ulmifolia* L. Complex (Turneraceae). *Evolution; International Journal of Organic Evolution*, **1987**, 41, 340 3.8 69
- 300 Clonal reproduction and patterns of genotypic diversity in *Decodon verticillatus* (Lythraceae) **1993**, 80, 1175 69
- 299 High outcrossing in the annual colonizing species *Ambrosia artemisiifolia* (Asteraceae). *Annals of Botany*, **2008**, 101, 1303-9 4.1 68
- 298 Sex determination and the evolution of dioecy from monoecy in *Sagittaria latifolia* (Alismataceae). *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271, 213-9 4.4 68

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| 297 | Mating-system variation, demographic history and patterns of nucleotide diversity in the Tristylous plant <i>Eichhornia paniculata</i> . <i>Genetics</i> , 2010 , 184, 381-92 | 4 | 66 |
| 296 | The genetics of floral development differentiating two species of <i>Mimulus</i> (Scrophulariaceae). <i>Heredity</i> , 1995 , 74, 258-266 | 3.6 | 66 |
| 295 | Style Morph Ratios in Tristylous <i>Decodon verticillatus</i> (Lythraceae): Selection vs. Historical Contingency. <i>Ecology</i> , 1995 , 76, 1051-1066 | 4.6 | 66 |
| 294 | Sexual Reproduction in <i>Eichhornia crassipes</i> (Water Hyacinth). II. Seed Production in Natural Populations. <i>Journal of Applied Ecology</i> , 1980 , 17, 113 | 5.8 | 66 |
| 293 | Phylogenetic reconstruction of the evolution of stylar polymorphisms in <i>Narcissus</i> (Amaryllidaceae). <i>American Journal of Botany</i> , 2004 , 91, 1007-21 | 2.7 | 65 |
| 292 | The genetics of distyly and homostyly in <i>Turnera ulmifolia</i> L. (Turneraceae). <i>Heredity</i> , 1985 , 55, 167-174 | 3.6 | 65 |
| 291 | The ecology of pollen limitation in buzz-pollinated <i>Rhexia virginica</i> (Melastomataceae). <i>Journal of Ecology</i> , 1999 , 87, 371-381 | 6 | 64 |
| 290 | Post-pollination mechanisms and the maintenance of outcrossing in self-compatible, tristylous, <i>Decodon verticillatus</i> (Lythraceae). <i>Heredity</i> , 1994 , 72, 396-411 | 3.6 | 64 |
| 289 | The Energy Cost of Bee Pollination for <i>Pontederia cordata</i> (Pontederiaceae). <i>Functional Ecology</i> , 1992 , 6, 226 | 5.6 | 64 |
| 288 | Style morph distribution in new world populations of <i>Eichhornia crassipes</i> (Mart.) Solms-Laubach (water hyacinth). <i>Aquatic Botany</i> , 1982 , 13, 299-306 | 1.8 | 64 |
| 287 | The weed flora of Californian rice fields. <i>Aquatic Botany</i> , 1980 , 9, 351-376 | 1.8 | 63 |
| 286 | GENDER VARIATION IN <i>SAGITTARIA LATIFOLIA</i> (ALISMATACEAE): IS SIZE ALL THAT MATTERS?. <i>Ecology</i> , 2001 , 82, 360-373 | 4.6 | 62 |
| 285 | Tristyly, self-compatibility and floral variation in <i>Decodon verticillatus</i> (Lythraceae). <i>Biological Journal of the Linnean Society</i> , 1994 , 53, 1-30 | 1.9 | 62 |
| 284 | The demography and population genomics of evolutionary transitions to self-fertilization in plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, | 5.8 | 61 |
| 283 | EFFECTIVE POPULATION SIZE AND GENETIC DRIFT IN TRISTYLOUS <i>EICHHORNIA PANICULATA</i> (PONTEDERIACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1992 , 46, 1875-1890 | 3.8 | 61 |
| 282 | Colonizing ability in the <i>Echinochloa crus-galli</i> complex (barnyard grass). I. Variation in life history. <i>Canadian Journal of Botany</i> , 1981 , 59, 1844-1860 | | 60 |
| 281 | Inbreeding Depression in Partially Self-Fertilizing <i>Decodon verticillatus</i> (Lythraceae): Population-Genetic and Experimental Analyses. <i>Evolution; International Journal of Organic Evolution</i> , 1994 , 48, 952 | 3.8 | 59 |
| 280 | STOCHASTIC LOSS OF STYLE MORPHS FROM POPULATIONS OF TRISTYLOUS <i>LYTHRUM SALICARIA</i> AND <i>DECODON VERTICILLATUS</i> (LYTHRACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1992 , 46, 1014-1029 | 3.8 | 59 |

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| 279 | Germination and seedling growth under anaerobic conditions in <i>Echinochloa crus-galli</i> (barnyard grass)*. <i>Plant, Cell and Environment</i> , 1980 , 3, 243-248 | 8.4 | 59 |
| 278 | Post-glacial history of <i>Trillium grandiflorum</i> (Melanthiaceae) in eastern North America: inferences from phylogeography. <i>American Journal of Botany</i> , 2004 , 91, 465-73 | 2.7 | 58 |
| 277 | Evolutionary Interactions Between Plant Reproduction and Defense Against Herbivores. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015 , 46, 191-213 | 13.5 | 57 |
| 276 | The evolution of selfing is accompanied by reduced efficacy of selection and purging of deleterious mutations. <i>Genetics</i> , 2015 , 199, 817-29 | 4 | 57 |
| 275 | Genetic drift and the maintenance of the style length polymorphism in tristylous populations of <i>Eichhornia paniculata</i> (Pontederiaceae). <i>Heredity</i> , 1992 , 69, 440-449 | 3.6 | 57 |
| 274 | Evolution of Breeding Systems in <i>Eichhornia</i> (Pontederiaceae): A Review. <i>Annals of the Missouri Botanical Garden</i> , 1988 , 75, 741 | 1.8 | 57 |
| 273 | VARIATION IN THE MATING SYSTEM OF EICHHORNIA PANICULATA (SPRENG.) SOLMS. (PONTERDERACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1986 , 40, 1122-1131 | 3.8 | 57 |
| 272 | Natural selection on floral traits through male and female function in wild populations of the heterostylous daffodil <i>Narcissus triandrus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 1751-63 | 3.8 | 56 |
| 271 | The Comparative Biology of Mirror-Image Flowers. <i>International Journal of Plant Sciences</i> , 2003 , 164, S237-S249 | 2.6 | 55 |
| 270 | Evolutionary maintenance of stigma-height dimorphism in <i>Narcissus papyraceus</i> (Amaryllidaceae). <i>American Journal of Botany</i> , 2002 , 89, 1242-9 | 2.7 | 55 |
| 269 | Reproductive correlates of mating system variation in <i>Eichhornia paniculata</i> (Spreng.) Solms (Pontederiaceae). <i>Journal of Evolutionary Biology</i> , 1989 , 2, 183-203 | 2.3 | 55 |
| 268 | Spatial pattern, floral sex ratios, and fecundity in dioecious <i>Aralia nudicaulis</i> (Araliaceae). <i>Canadian Journal of Botany</i> , 1982 , 60, 1662-1670 | | 55 |
| 267 | Incompatibility in heterostylous plants. <i>Advances in Cellular and Molecular Biology of Plants</i> , 1994 , 189-219 | | 54 |
| 266 | Correlated evolution of floral morphology and mating-type frequencies in a sexually polymorphic plant. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 964-75 | 3.8 | 53 |
| 265 | Waterweed Invasions. <i>Scientific American</i> , 1989 , 261, 90-97 | 0.5 | 53 |
| 264 | ON THE DARWINIAN HYPOTHESIS OF THE ADAPTIVE SIGNIFICANCE OF TRISTYLY. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 766-774 | 3.8 | 53 |
| 263 | Stylar Polymorphisms and the Evolution of Heterostyly in <i>Narcissus</i> (Amaryllidaceae) 1996 , 339-376 | | 53 |
| 262 | Postpollination Mechanisms Influencing Mating Patterns and Fecundity: An Example from <i>Eichhornia paniculata</i> . <i>American Naturalist</i> , 1996 , 147, 576-598 | 3.7 | 52 |

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| 261 | Clonal reproduction and patterns of genotypic diversity in <i>Decodon verticillatus</i> (Lythraceae). <i>American Journal of Botany</i> , 1993 , 80, 1175-1182 | 2.7 | 52 |
| 260 | Mating System Estimation in Forest Trees: Models, Methods and Meanings. <i>Lecture Notes in Biomathematics</i> , 1985 , 32-49 | | 52 |
| 259 | An experimental evaluation of self-interference in <i>Narcissus assoanus</i> : functional and evolutionary implications. <i>Journal of Evolutionary Biology</i> , 2004 , 17, 1367-76 | 2.3 | 51 |
| 258 | Size-dependent gender modification in a hermaphroditic perennial herb. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 225-232 | 4.4 | 51 |
| 257 | Outcrossing rates and correlated mating within a population of <i>Eichhornia paniculata</i> (Pontederiaceae). <i>Heredity</i> , 1990 , 64, 271-280 | 3.6 | 51 |
| 256 | Gender modification and resource allocation in subdioecious <i>Wurmbea dioica</i> (Colchicaceae). <i>Journal of Ecology</i> , 1999 , 87, 123-137 | 6 | 50 |
| 255 | Inheritance of mating-system modifier genes in <i>Eichhornia paniculata</i> (Pontederiaceae). <i>Heredity</i> , 1994 , 72, 433-445 | 3.6 | 50 |
| 254 | Evolutionary pathways to self-fertilization in a tristylous plant species. <i>New Phytologist</i> , 2009 , 183, 546-558 | 5.8 | 49 |
| 253 | Major Evolutionary Transitions in Flowering Plant Reproduction: An Overview. <i>International Journal of Plant Sciences</i> , 2008 , 169, 1-5 | 2.6 | 49 |
| 252 | Tristyly in <i>Pontederia cordata</i> (Pontederiaceae). <i>Canadian Journal of Botany</i> , 1982 , 60, 897-905 | | 49 |
| 251 | Heterostyly in a tropical weed: the reproductive biology of the <i>Turnera ulmifolia</i> complex (Turneraceae). <i>Canadian Journal of Botany</i> , 1978 , 56, 1713-1725 | | 49 |
| 250 | GENETIC DRIFT AND FOUNDER EFFECT IN NATIVE VERSUS INTRODUCED POPULATIONS OF AN INVADING PLANT, LYTHRUM SALICARIA (LYTHRACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 1512-1519 | 3.8 | 48 |
| 249 | Modification of flower architecture during early stages in the evolution of self-fertilization. <i>Annals of Botany</i> , 2009 , 103, 951-62 | 4.1 | 47 |
| 248 | Frequency-dependent variation in reproductive success in <i>Narcissus</i> : implications for the maintenance of stigma-height dimorphism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 949-53 | 4.4 | 47 |
| 247 | Pollinator foraging behavior and pollen collection on the floral morphs of tristylous <i>Pontederia cordata</i> L. <i>Oecologia</i> , 1987 , 74, 347-351 | 2.9 | 47 |
| 246 | Spatial and temporal variation in population size of <i>Eichhornia paniculata</i> in ephemeral habitats: implications for metapopulation dynamics. <i>Journal of Ecology</i> , 1998 , 86, 1021-1031 | 6 | 46 |
| 245 | Reproductive consequences of interactions between clonal growth and sexual reproduction in <i>Nymphoides peltata</i> : a distylous aquatic plant. <i>New Phytologist</i> , 2005 , 165, 329-35 | 9.8 | 46 |
| 244 | Evolution and maintenance of stigma-height dimorphism in <i>Narcissus</i> . I. Floral variation and style-morph ratios. <i>Heredity</i> , 2000 , 84 (Pt 5), 502-13 | 3.6 | 46 |

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