

# Spencer Charles Hilton Barrett

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Recombination landscape dimorphism and sex chromosome evolution in the dioecious plant .. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 377, 20210226	5.8	2
385	Characterization of 30 microsatellite markers for distylous <i>Primula denticulata</i> (Primulaceae) using HiSeq sequencing. <i>Genes and Genetic Systems</i> , <b>2021</b> , 95, 275-279	1.4	
384	Herbivore-Mediated Selection on Floral Display Covaries Nonlinearly With Plant-Antagonistic Interaction Intensity Among Primrose Populations. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 727957	6.2	0
383	Do annual and perennial populations of an insect-pollinated plant species differ in mating system?. <i>Annals of Botany</i> , <b>2021</b> , 127, 853-864	4.1	0
382	Plant sex: Best to be bisexual when mates are scarce. <i>Current Biology</i> , <b>2021</b> , 31, R298-R300	6.3	1
381	The biomechanics of pollen release: new perspectives on the evolution of wind pollination in angiosperms. <i>Biological Reviews</i> , <b>2021</b> , 96, 2146-2163	13.5	4
380	Heteranthery. <i>Current Biology</i> , <b>2021</b> , 31, R774-R776	6.3	1
379	The Genomic Selfing Syndrome Accompanies the Evolutionary Breakdown of Heterostyly. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 168-180	8.3	4
378	Widespread Recombination Suppression Facilitates Plant Sex Chromosome Evolution. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 1018-1030	8.3	13
377	Sexual conflict in protandrous flowers and the evolution of gynodioecy. <i>Evolution; International Journal of Organic Evolution</i> , <b>2021</b> , 75, 278-293	3.8	1
376	Sexual dimorphism, temporal niche differentiation, and evidence for the Jack Sprat effect in an annual dioecious plant. <i>Journal of Systematics and Evolution</i> , <b>2021</b> ,	2.9	1
375	Evolutionary Genomics of Plant Gametophytic Selection. <i>Plant Communications</i> , <b>2020</b> , 1, 100115	9	7
374	Influence of local density and sex ratio on pollination in an ambophilous flowering plant. <i>American Journal of Botany</i> , <b>2020</b> , 107, 587-598	2.7	1
373	Global patterns of reproductive and cytotype diversity in an invasive clonal plant. <i>Biological Invasions</i> , <b>2020</b> , 22, 1691-1703	2.7	2
372	Ancestral and neo-sex chromosomes contribute to population divergence in a dioecious plant. <i>Evolution; International Journal of Organic Evolution</i> , <b>2020</b> , 74, 256-269	3.8	4
371	Characterization of 30 microsatellite markers in distylous (Primulaceae) using HiSeq sequencing. <i>Applications in Plant Sciences</i> , <b>2019</b> , 7, e01208	2.3	2
370	Comparative analysis of pollen release biomechanics in <i>Thalictrum</i> : implications for evolutionary transitions between animal and wind pollination. <i>New Phytologist</i> , <b>2019</b> , 224, 1121-1132	9.8	7

369	Architectural constraints, male fertility variation and biased floral morph ratios in tristylous populations. <i>Heredity</i> , <b>2019</b> , 123, 694-706	3.6	2
368	Phylogenomic analysis reveals multiple evolutionary origins of selfing from outcrossing in a lineage of heterostylous plants. <i>New Phytologist</i> , <b>2019</b> , 224, 1290-1303	9.8	15
367	Water mediates fertilization in a terrestrial flowering plant. <i>New Phytologist</i> , <b>2019</b> , 224, 1133-1141	9.8	1
366	Evolutionary history of the buildup and breakdown of the heterostylous syndrome in Plumbaginaceae. <i>New Phytologist</i> , <b>2019</b> , 224, 1278-1289	9.8	6
365	Paternity analysis reveals constraints on hybridization potential between native and introduced bluebells ( <i>Hyacinthoides</i> ). <i>Conservation Genetics</i> , <b>2019</b> , 20, 571-584	2.6	2
364	Genetics of distyly and homostyly in a self-compatible <i>Primula</i> . <i>Heredity</i> , <b>2019</b> , 122, 110-119	3.6	5
363	Geographic variation of reproductive traits and competition for pollinators in a bird-pollinated plant. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 10122-10134	2.8	1
362	Variation in sexual dimorphism in a wind-pollinated plant: the influence of geographical context and life-cycle dynamics. <i>New Phytologist</i> , <b>2019</b> , 224, 1108-1120	9.8	5
361	'A most complex marriage arrangement': recent advances on heterostyly and unresolved questions. <i>New Phytologist</i> , <b>2019</b> , 224, 1051-1067	9.8	31
360	Sex-specific plasticity of reproductive allocation in response to water depth in a clonal, dioecious macrophyte. <i>American Journal of Botany</i> , <b>2019</b> , 106, 42-50	2.7	15
359	The spatial ecology of sex ratios in a dioecious plant: Relations between ramet and genet sex ratios. <i>Journal of Ecology</i> , <b>2019</b> , 107, 1804-1816	6	3
358	Reviewers in 2017. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285, 20180325	4.4	78
357	Genetic and Environmental Influences on Partial Self-Incompatibility in <i>Lythrum salicaria</i> (Lythraceae). <i>International Journal of Plant Sciences</i> , <b>2018</b> , 179, 423-435	2.6	5
356	The influence of floral morph ratios and low plant density on mating and fertility in a tristylous colonizing species. <i>Botany</i> , <b>2018</b> , 96, 533-545	1.3	3
355	The effects of plant sexual system and latitude on resistance to herbivores. <i>American Journal of Botany</i> , <b>2018</b> , 105, 977-985	2.7	5
354	Divergent selection on the biomechanical properties of stamens under wind and insect pollination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285, 20182251	4.4	10
353	The effects of haploid selection on Y chromosome evolution in two closely related dioecious plants. <i>Evolution Letters</i> , <b>2018</b> , 2, 368-377	5.3	20
352	Phylogeographic insights on the evolutionary breakdown of heterostyly. <i>New Phytologist</i> , <b>2017</b> , 214, 1368-1380	9.8	24

351	Experimental insights on Darwin's cross-promotion hypothesis in tristylous purple loosestrife (). <i>American Journal of Botany</i> , <b>2017</b> , 104, 616-626	2.7	13
350	Purifying and Positive Selection Influence Patterns of Gene Loss and Gene Expression in the Evolution of a Plant Sex Chromosome System. <i>Molecular Biology and Evolution</i> , <b>2017</b> , 34, 1140-1154	8.3	40
349	Associations between sex-organ deployment and morph bias in related heterostylous taxa with different stylar polymorphisms. <i>American Journal of Botany</i> , <b>2017</b> , 104, 50-61	2.7	11
348	The genetic architecture of tristily and its breakdown to self-fertilization. <i>Molecular Ecology</i> , <b>2017</b> , 26, 752-765	5.7	5
347	Ecological correlates and genetic consequences of evolutionary transitions from distyly to homostyly. <i>Annals of Botany</i> , <b>2017</b> , 120, 775-789	4.1	25
346	Reviewers in 2016. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284, 20170676	4.4	78
345	The Ecology of Mating and Its Evolutionary Consequences in Seed Plants. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2017</b> , 48, 135-157	13.5	72
344	Hill-Robertson Interference Reduces Genetic Diversity on a Young Plant Y-Chromosome. <i>Genetics</i> , <b>2017</b> , 207, 685-695	4	23
343	Experimental insights on the function of ancillary pollen and stigma polymorphisms in plants with heteromorphic incompatibility. <i>Evolution; International Journal of Organic Evolution</i> , <b>2017</b> , 71, 121-134	3.8	14
342	Invasion genetics of <i>Senecio vulgaris</i> : loss of genetic diversity characterizes the invasion of a selfing annual, despite multiple introductions. <i>Biological Invasions</i> , <b>2017</b> , 19, 255-267	2.7	6
341	Genomic Loss and Silencing on the Y Chromosomes of <i>Rumex</i> . <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 3345-3355	3.9	9
340	The dynamics of resource allocation and costs of reproduction in a sexually dimorphic, wind-pollinated dioecious plant. <i>Plant Biology</i> , <b>2016</b> , 18, 98-103	3.7	20
339	FOUNDATIONS OF INVASION GENETICS <b>2016</b> , 1-18		
338	CHROMOSOME INVERSIONS, ADAPTIVE CASSETTES AND THE EVOLUTION OF SPECIES RANGES <b>2016</b> , 175-186		1
337	THE DISTRIBUTION OF GENETIC VARIANCE ACROSS PHENOTYPIC SPACE AND THE RESPONSE TO SELECTION <b>2016</b> , 187-205		
336	INFORMATION ENTROPY AS A MEASURE OF GENETIC DIVERSITY AND EVOLVABILITY IN COLONIZATION <b>2016</b> , 206-217		
335	THE DEVIL IS IN THE DETAILS <b>2016</b> , 232-251		
334	GENETIC RECONSTRUCTIONS OF INVASION HISTORY <b>2016</b> , 267-282		

333	COMPARATIVE GENOMICS IN THE ASTERACEAE REVEALS LITTLE EVIDENCE FOR PARALLEL EVOLUTIONARY CHANGE IN INVASIVE TAXA <b>2016</b> , 283-299		
332	THE ROLE OF CLIMATE ADAPTATION IN COLONIZATION SUCCESS IN ARABIDOPSIS THALIANA <b>2016</b> , 300-312		
331	A GENETIC PERSPECTIVE ON RAPID EVOLUTION IN CANE TOADS (RHINELLA MARINA) <b>2016</b> , 313-327		
330	EPIGENETICS OF COLONIZING SPECIES? A STUDY OF JAPANESE KNOTWEED IN CENTRAL EUROPE <b>2016</b> , 328-340		11
329	THE INFLUENCE OF NUMBERS ON INVASION SUCCESS <b>2016</b> , 25-39		1
328	WHAT WE STILL DON'T KNOW ABOUT INVASION GENETICS <b>2016</b> , 346-370		1
327	EVOLUTION OF THE MATING SYSTEM IN COLONIZING PLANTS <b>2016</b> , 57-80		1
326	THE POPULATION BIOLOGY OF FUNGAL INVASIONS <b>2016</b> , 81-100		0
325	CONTEMPORARY EVOLUTION DURING INVASION <b>2016</b> , 101-121		1
324	EXOTICS EXHIBIT MORE EVOLUTIONARY HISTORY THAN NATIVES <b>2016</b> , 122-138		3
323	CAUSES AND CONSEQUENCES OF FAILED ADAPTATION TO BIOLOGICAL INVASIONS <b>2016</b> , 139-151		
322	EVOLUTION OF PHENOTYPIC PLASTICITY IN COLONIZING SPECIES <b>2016</b> , 165-174		0
321	Stochastic Processes during Invasion: The Influence of Population Size on Style-Morph Frequency Variation in <i>Lythrum salicaria</i> (Purple Loosestrife). <i>International Journal of Plant Sciences</i> , <b>2016</b> , 177, 409-418	2.6	8
320	CHARACTERISTICS OF SUCCESSFUL ALIEN PLANTS <b>2016</b> , 40-56		0
319	EXPANSION LOAD <b>2016</b> , 218-231		
318	Pollination, mating and reproductive fitness in a plant population with bimodal floral-tube length. <i>Journal of Evolutionary Biology</i> , <b>2016</b> , 29, 1631-42	2.3	14
317	The role of hybridization in the evolution of sexual system diversity in a clonal, aquatic plant. <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 1200-11	3.8	7
316	Postpollination discrimination between self and outcross pollen covaries with the mating system of a self-compatible flowering plant. <i>American Journal of Botany</i> , <b>2016</b> , 103, 568-76	2.7	14

315	Seasonal variation in the mating system of a selfing annual with large floral displays. <i>Annals of Botany</i> , <b>2016</b> , 117, 391-400	4.1	24
314	Variation in style morph frequencies in tristylous <i>Lythrum salicaria</i> in the Iberian Peninsula: the role of geographical and demographic factors. <i>Annals of Botany</i> , <b>2016</b> , 117, 331-40	4.1	7
313	Recent mating-system evolution in <i>Eichhornia</i> is accompanied by cis-regulatory divergence. <i>New Phytologist</i> , <b>2016</b> , 211, 697-707	9.8	4
312	Ecological and evolutionary consequences of sexual and clonal reproduction in aquatic plants. <i>Aquatic Botany</i> , <b>2016</b> , 135, 46-61	1.8	42
311	Characterization of 24 microsatellite markers in (Primulaceae), a distylous-homostylous species, using MiSeq sequencing. <i>Plant Diversity</i> , <b>2016</b> , 38, 89-91	2.9	2
310	Influences of clonality on plant sexual reproduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 8859-66	11.5	128
309	Evolutionary Interactions Between Plant Reproduction and Defense Against Herbivores. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2015</b> , 46, 191-213	13.5	57
308	Foundations of invasion genetics: the Baker and Stebbins legacy. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1927-41	5.7	73
307	Experimental analysis of mating patterns in a clonal plant reveals contrasting modes of self-pollination. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 5423-5431	2.8	11
306	The evolution of plant reproductive ecology in China. <i>Journal of Plant Ecology</i> , <b>2015</b> , 8, 101-108	1.7	2
305	The evolution of selfing is accompanied by reduced efficacy of selection and purging of deleterious mutations. <i>Genetics</i> , <b>2015</b> , 199, 817-29	4	57
304	Invasion genetics of the Bermuda buttercup ( <i>Oxalis pes-caprae</i> ): complex intercontinental patterns of genetic diversity, polyploidy and heterostyly characterize both native and introduced populations. <i>Molecular Ecology</i> , <b>2015</b> , 24, 2143-55	5.7	31
303	Reciprocal herkogamy promotes disassortative mating in a distylous species with intramorph compatibility. <i>New Phytologist</i> , <b>2015</b> , 206, 1503-12	9.8	34
302	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> , <b>2014</b> , 111, 7713-8	11.5	97
301	Understanding the spectacular failure of DNA barcoding in willows ( <i>Salix</i> ): does this result from a trans-specific selective sweep?. <i>Molecular Ecology</i> , <b>2014</b> , 23, 4737-56	5.7	75
300	Floral variation and environmental heterogeneity in a tristylous clonal aquatic of the Pantanal wetlands of Brazil. <i>Annals of Botany</i> , <b>2014</b> , 114, 1637-49	4.1	16
299	Variation and evolution of sex ratios at the northern range limit of a sexually polymorphic plant. <i>Journal of Evolutionary Biology</i> , <b>2014</b> , 27, 1454-66	2.3	17
298	Clonal genetic structure and diversity in populations of an aquatic plant with combined vs. separate sexes. <i>Molecular Ecology</i> , <b>2014</b> , 23, 2914-28	5.7	12

297	The demography and population genomics of evolutionary transitions to self-fertilization in plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369,	5.8	61
296	Size-dependent gender modification in <i>Lilium apertum</i> (Liliaceae): does this species exhibit gender diphasy?. <i>Annals of Botany</i> , <b>2014</b> , 114, 441-53	4.1	14
295	Chromosomal distribution of cytonuclear genes in a dioecious plant with sex chromosomes. <i>Genome Biology and Evolution</i> , <b>2014</b> , 6, 2439-43	3.9	8
294	Experimental Evidence of Insect Pollination in Juncaceae, a Primarily Wind-Pollinated Family. <i>International Journal of Plant Sciences</i> , <b>2013</b> , 174, 1219-1228	2.6	12
293	Integrating trait- and niche-based approaches to assess contemporary evolution in alien plant species. <i>Journal of Ecology</i> , <b>2013</b> , 101, 68-77	6	27
292	Comparative analyses of sex-ratio variation in dioecious flowering plants. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 661-72	3.8	93
291	Ecological context and metapopulation dynamics affect sex-ratio variation among dioecious plant populations. <i>Annals of Botany</i> , <b>2013</b> , 111, 917-23	4.1	38
290	Trimorphic Incompatibility in <i>Pontederia subovata</i> (Pontederiaceae): An Aquatic Macrophyte from Lowland South America. <i>International Journal of Plant Sciences</i> , <b>2013</b> , 174, 47-56	2.6	8
289	Variation and evolution of herkogamy in <i>Exochaenium</i> (Gentianaceae): implications for the evolution of distyly. <i>Annals of Botany</i> , <b>2013</b> , 112, 95-102	4.1	21
288	Diplostigmaty in plants: a novel mechanism that provides reproductive assurance. <i>Biology Letters</i> , <b>2013</b> , 9, 20130495	3.6	5
287	Evolutionarily stable sex ratios and mutation load. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 1915-25	3.8	19
286	Rapid adaptation to climate facilitates range expansion of an invasive plant. <i>Science</i> , <b>2013</b> , 342, 364-6	33.3	302
285	The evolution of plant reproductive systems: how often are transitions irreversible?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20130913	4.4	112
284	Sexual dimorphism in flowering plants. <i>Journal of Experimental Botany</i> , <b>2013</b> , 64, 67-82	7	227
283	The influence of demography and local mating environment on sex ratios in a wind-pollinated dioecious plant. <i>Ecology and Evolution</i> , <b>2013</b> , 3, 629-39	2.8	23
282	Disassortative mating and the maintenance of sexual polymorphism in painted maple. <i>Molecular Ecology</i> , <b>2012</b> , 21, 3640-3	5.7	5
281	Loss of floral polymorphism in heterostylous <i>Luculia pinceana</i> (Rubiaceae): a molecular phylogeographic perspective. <i>Molecular Ecology</i> , <b>2012</b> , 21, 4631-45	5.7	15
280	The Influence of Pollination Intensity on Fertilization Success, Progeny Sex Ratio, and Fitness in a Wind-Pollinated, Dioecious Plant. <i>International Journal of Plant Sciences</i> , <b>2012</b> , 173, 184-191	2.6	21



- 279 Rain pollination provides reproductive assurance in a deceptive orchid. *Annals of Botany*, **2012**, 110, 953-8.1 19
- 278 Genomic consequences of transitions from cross- to self-fertilization on the efficacy of selection in three independently derived selfing plants. *BMC Genomics*, **2012**, 13, 611 4.5 28
- 277 The effect of mammalian herbivory on inflorescence architecture in ornithophilous *Babiana* (Iridaceae): implications for the evolution of a bird perch. *American Journal of Botany*, **2012**, 99, 1096-103.7 11
- 276 Variation in floral morph ratios in tristylous *Oxalis squamata* (Oxalidaceae): an Andean alpine endemic. *Botany*, **2012**, 90, 1180-1185 1.3 5
- 275 The natural history of pollination and mating in bird-pollinated *Babiana* (Iridaceae). *Annals of Botany*, **2012**, 109, 667-79 4.1 20
- 274 Reversal of height dimorphism promotes pollen and seed dispersal in a wind-pollinated dioecious plant. *Biology Letters*, **2012**, 8, 245-8 3.6 26
- 273 Floral dimorphism in plant populations with combined versus separate sexes. *Annals of Botany*, **2011**, 108, 765-76 4.1 19
- 272 Discriminating plant species in a local temperate flora using the rbcL+matK DNA barcode. *Methods in Ecology and Evolution*, **2011**, 2, 333-340 7.7 125
- 271 Spatial patterns of plant diversity below-ground as revealed by DNA barcoding. *Molecular Ecology*, **2011**, 20, 1289-302 5.7 85
- 270 Genetic and environmental control of temporal and size-dependent sex allocation in a wind-pollinated plant. *Evolution; International Journal of Organic Evolution*, **2011**, 65, 2061-74 3.8 15
- 269 Population divergence along lines of genetic variance and covariance in the invasive plant *Lythrum salicaria* in eastern North America. *Evolution; International Journal of Organic Evolution*, **2011**, 65, 2514-29.8 36
- 268 De novo sequence assembly and characterization of the floral transcriptome in cross- and self-fertilizing plants. *BMC Genomics*, **2011**, 12, 298 4.5 71
- 267 The evolution of ovule number and flower size in wind-pollinated plants. *American Naturalist*, **2011**, 177, 246-57 3.7 29
- 266 Reconciling gene and genome duplication events: using multiple nuclear gene families to infer the phylogeny of the aquatic plant family Pontederiaceae. *Molecular Biology and Evolution*, **2011**, 28, 3009-18.3 37
- 265 The population genomics of plant adaptation. *New Phytologist*, **2010**, 188, 313-32 9.8 88
- 264 Trait correlates and functional significance of heteranthery in flowering plants. *New Phytologist*, **2010**, 188, 418-25 9.8 74
- 263 Genetic uniformity characterizes the invasive spread of water hyacinth (*Eichhornia crassipes*), a clonal aquatic plant. *Molecular Ecology*, **2010**, 19, 1774-86 5.7 140
- 262 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



261	Understanding plant reproductive diversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 365, 99-109	5.8	131
260	Ecological genetics of sex ratios in plant populations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 365, 2549-57	5.8	96
259	Evolutionary constraints on adaptive evolution during range expansion in an invasive plant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 1799-806	4.4	127
258	Evolution. The long-term benefits of self-rejection. <i>Science</i> , <b>2010</b> , 330, 459-60	33.3	24
257	Cryptic dioecy in <i>Mussaenda pubescens</i> (Rubiaceae): a species with stigma-height dimorphism. <i>Annals of Botany</i> , <b>2010</b> , 106, 521-31	4.1	35
256	Mating-system variation, demographic history and patterns of nucleotide diversity in the tristylous plant <i>Eichhornia paniculata</i> . <i>Genetics</i> , <b>2010</b> , 184, 381-92	4	66
255	Variation of Self-Incompatibility within Invasive Populations of Purple Loosestrife ( <i>Lythrum salicaria</i> L.) from Eastern North America. <i>International Journal of Plant Sciences</i> , <b>2010</b> , 171, 158-166	2.6	39
254	Natural Selection and Genetic Constraints on Flowering Phenology in an Invasive Plant. <i>International Journal of Plant Sciences</i> , <b>2010</b> , 171, 960-971	2.6	28
253	The Ecological and Evolutionary Consequences of Clonality for Plant Mating. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2010</b> , 41, 193-213	13.5	203
252	Why Reproductive Systems Matter for the Invasion Biology of Plants <b>2010</b> , 195-210		11
251	Modification of flower architecture during early stages in the evolution of self-fertilization. <i>Annals of Botany</i> , <b>2009</b> , 103, 951-62	4.1	47
250	Common garden comparisons of native and introduced plant populations: latitudinal clines can obscure evolutionary inferences. <i>Evolutionary Applications</i> , <b>2009</b> , 2, 187-99	4.8	180
249	Division of labour within flowers: heteranthery, a floral strategy to reconcile contrasting pollen fates. <i>Journal of Evolutionary Biology</i> , <b>2009</b> , 22, 828-39	2.3	89
248	The consequences of monoecy and protogyny for mating in wind-pollinated <i>Carex</i> . <i>New Phytologist</i> , <b>2009</b> , 181, 489-497	9.8	38
247	Evolutionary pathways to self-fertilization in a tristylous plant species. <i>New Phytologist</i> , <b>2009</b> , 183, 546-558	5.5	49
246	Wind of change: new insights on the ecology and evolution of pollination and mating in wind-pollinated plants. <i>Annals of Botany</i> , <b>2009</b> , 103, 1515-27	4.1	272
245	Isolation and characterization of 11 microsatellite markers from <i>Sagittaria latifolia</i> (Alismataceae). <i>Molecular Ecology Resources</i> , <b>2009</b> , 9, 579-81	8.4	9
244	Are plant species inherently harder to discriminate than animal species using DNA barcoding markers?. <i>Molecular Ecology Resources</i> , <b>2009</b> , 9 Suppl s1, 130-9	8.4	186

243	Pollinator responses to variation in floral display and flower size in dioecious <i>Sagittaria latifolia</i> (Alismataceae). <i>New Phytologist</i> , <b>2008</b> , 179, 1193-1201	9.8	45
242	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> , <b>2008</b> , 21, 234-245	2.3	132
241	Plant reproductive systems and evolution during biological invasion. <i>Molecular Ecology</i> , <b>2008</b> , 17, 373-83	5.7	227
240	New Insights on Heterostyly: Comparative Biology, Ecology and Genetics <b>2008</b> , 3-32		120
239	Major Evolutionary Transitions in Flowering Plant Reproduction: An Overview. <i>International Journal of Plant Sciences</i> , <b>2008</b> , 169, 1-5	2.6	49
238	A Phylogenetic Analysis of the Evolution of Wind Pollination in the Angiosperms. <i>International Journal of Plant Sciences</i> , <b>2008</b> , 169, 49-58	2.6	96
237	Geographic variation in floral morphology and style-morph ratios in a sexually polymorphic daffodil. <i>American Journal of Botany</i> , <b>2008</b> , 95, 185-95	2.7	37
236	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> , <b>2008</b> , 105, 10847-52	11.5	82
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108	Genetics of mine invasions by <i>Deschampsia cespitosa</i> (Poaceae). <i>Canadian Journal of Botany</i> , <b>1993</b> , 71, 1336-1348		36
107	Contribution of Cryptic Incompatibility to the Mating System of <i>Eichhornia paniculata</i> (Pontederiaceae). <i>Evolution; International Journal of Organic Evolution</i> , <b>1993</b> , 47, 925	3.8	30
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104	Clonal reproduction and patterns of genotypic diversity in <i>Decodon verticillatus</i> (Lythraceae). <i>American Journal of Botany</i> , <b>1993</b> , 80, 1175-1182	2.7	52
103	Multiple origins of self-fertilization in tristylous <i>Eichhornia paniculata</i> (Pontederiaceae): Inferences from style morph and isozyme variation. <i>Journal of Evolutionary Biology</i> , <b>1993</b> , 6, 591-608	2.3	37
102	The inheritance of tristyly in <i>Decodon verticillatus</i> (Lythraceae). <i>Heredity</i> , <b>1993</b> , 71, 473-480	3.6	19
101	Variation in Outcrossing Rates in <i>Eichhornia paniculata</i> : Temporal Changes in Populations of Contrasting Style Morph Structure. <i>Plant Species Biology</i> , <b>1993</b> , 8, 141-148	1.3	11
100	Clonal reproduction and patterns of genotypic diversity in <i>Decodon verticillatus</i> (Lythraceae) <b>1993</b> , 80, 1175		69

99	The Energy Cost of Bee Pollination for <i>Pontederia cordata</i> (Pontederiaceae). <i>Functional Ecology</i> , <b>1992</b> , 6, 226	5.6	64
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95	EFFECTIVE POPULATION SIZE AND GENETIC DRIFT IN TRISTYLOUS EICHHORNIA PANICULATA (PONTEDERIACEAE). <i>Evolution; International Journal of Organic Evolution</i> , <b>1992</b> , 46, 1875-1890	3.8	61
94	EXPERIMENTAL STUDIES ON THE FUNCTIONAL SIGNIFICANCE OF HETEROSTYLY. <i>Evolution; International Journal of Organic Evolution</i> , <b>1992</b> , 46, 43-55	3.8	78
93	Experimental Studies on the Functional Significance of Heterostyly. <i>Evolution; International Journal of Organic Evolution</i> , <b>1992</b> , 46, 43	3.8	37
92	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> , <b>1992</b> , 46, 1014	3.8	44
91	Pollinator visitation in populations of tristylous <i>Eichhornia paniculata</i> in northeastern Brazil. <i>Oecologia</i> , <b>1992</b> , 89, 365-371	2.9	42
90	Floral variation in <i>Eichhornia paniculata</i> (Spreng.) Solms (Pontederiaceae) II. Effects of development and environment on the formation of selfing flowers. <i>Journal of Evolutionary Biology</i> , <b>1992</b> , 5, 83-107	2.3	27
89	Gender variation and the evolution of dioecy in <i>Wurmbea dioica</i> (Liliaceae). <i>Journal of Evolutionary Biology</i> , <b>1992</b> , 5, 423-444	2.3	104
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83	Colonization history and population genetic structure of <i>Eichhornia paniculata</i> in Jamaica. <i>Heredity</i> , <b>1991</b> , 66, 287-296	3.6	87
82	POLLEN-PISTIL INTERACTIONS IN TRISTYLOUS PONTEDERIA SAGITTATA (PONTEDERIACEAE). I. FLORAL HETEROMORPHISM AND STRUCTURAL FEATURES OF THE POLLEN TUBE PATHWAY. <i>American Journal of Botany</i> , <b>1991</b> , 78, 1643-1661	2.7	9

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75	Floral variation in <i>Eichhornia paniculata</i> (Spreng.) Solms (Pontederiaceae): I. Instability of stamen position in genotypes from northeast Brazil. <i>Journal of Evolutionary Biology</i> , <b>1990</b> , 3, 103-123	2.3	20
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60	The reproductive biology of boreal forest herbs. II. Phenology of flowering and fruiting. <i>Canadian Journal of Botany</i> , <b>1987</b> , 65, 2047-2056		32
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54	Genetic variation in continental and island populations of <i>Eichhornia paniculata</i> (Pontederiaceae). <i>Heredity</i> , <b>1987</b> , 59, 7-17	3.6	72
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49	Phylogenetic Systematics of Pontederiaceae. <i>Systematic Botany</i> , <b>1986</b> , 11, 373	0.7	43
48	Pollen tube growth in tristylous <i>Pontederia cordata</i> (Pontederiaceae). <i>Canadian Journal of Botany</i> , <b>1986</b> , 64, 2602-2607		27
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44	STIGMATIC POLLEN LOADS IN POPULATIONS OF PONTEDERIA CORDATA FROM THE SOUTHERN U.S. <b>1986</b> , 73, 1607		9
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41	Morphological Differentiation and Crossability among Populations of the Turnera ulminifolia L. Complex (Turneraceae). <i>Systematic Botany</i> , <b>1985</b> , 10, 308	0.7	23
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31	The effect of pollination intensity and incompatible pollen on seed set in Turnera ulmifolia (Turneraceae). <i>Canadian Journal of Botany</i> , <b>1984</b> , 62, 1298-1303		123
30	THE DEVELOPMENTAL BASIS OF TRISTYLY IN EICHHORNIA PANICULATA (PONTEDERIACEAE) <b>1984</b> , 71, 1347		14
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28	Colonizing ability in the Echinochloa crus-galli complex (barnyard grass). II. Seed biology. <i>Canadian Journal of Botany</i> , <b>1983</b> , 61, 556-562		29



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24	Tristyly in Pontederia cordata (Pontederiaceae). <i>Canadian Journal of Botany</i> , <b>1982</b> , 60, 897-905		49
23	Spatial pattern, floral sex ratios, and fecundity in dioecious Aralia nudicaulis (Araliaceae). <i>Canadian Journal of Botany</i> , <b>1982</b> , 60, 1662-1670		55
22	Temporal Variation of Gender in Aralia hispida Vent. (Araliaceae). <i>Evolution; International Journal of Organic Evolution</i> , <b>1981</b> , 35, 1094	3.8	37
21	Selection for Outcrossing, Sexual Selection, and the Evolution of Dioecy in Plants. <i>American Naturalist</i> , <b>1981</b> , 118, 443-449	3.7	165
20	FLORAL SEX RATIOS AND LIFE HISTORY IN ARALIA NUDICAULIS (ARALIACEAE). <i>Evolution; International Journal of Organic Evolution</i> , <b>1981</b> , 35, 752-762	3.8	37
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17	Germination and seedling growth under anaerobic conditions in Echinochloa crus-galli (barnyard grass)*. <i>Plant, Cell and Environment</i> , <b>1980</b> , 3, 243-248	8.4	70
16	Sexual Reproduction in Eichhornia crassipes (Water Hyacinth). I. Fertility of Clones from Diverse Regions. <i>Journal of Applied Ecology</i> , <b>1980</b> , 17, 101	5.8	28
15	Sexual Reproduction in Eichhornia crassipes (Water Hyacinth). II. Seed Production in Natural Populations. <i>Journal of Applied Ecology</i> , <b>1980</b> , 17, 113	5.8	66
14	The weed flora of Californian rice fields. <i>Aquatic Botany</i> , <b>1980</b> , 9, 351-376	1.8	63
13	Dimorphic incompatibility and gender in Nymphoides indica (Menyanthaceae). <i>Canadian Journal of Botany</i> , <b>1980</b> , 58, 1938-1942		24
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7	Taxonomy and Natural History of <i>Bacopa</i> (Scrophulariaceae) in California. <i>Systematic Botany</i> , <b>1978</b> , 3, 408	0.7	18
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4	Recombination landscape dimorphism contributes to sex chromosome evolution in the dioecious plant <i>Rumex hastatulus</i>		1
3	The effects of haploid selection on Y chromosome evolution in two closely related dioecious plants		1
2	Sexual polymorphisms in <i>Narcissus triandrus</i> (Amaryllidaceae): is this species tristylous?		7
1	Ancestral and neo-sex chromosomes contribute to population divergence in a dioecious plant		2