

# Lynda F Delph

## List of Publications by Year in descending order

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89  
papers

4,629  
citations

93792

39  
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134545

62  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexual Dimorphism in Life History. , 1999, , 149-173.		248
2	Sex-Differential Resource Allocation Patterns in the Subdioecious Shrub <i>Hebe Subalpina</i> . <i>Ecology</i> , 1990, 71, 1342-1351.	1.5	196
3	About PAR: The distinct evolutionary dynamics of the pseudoautosomal region. <i>Trends in Genetics</i> , 2011, 27, 358-367.	2.9	184
4	Sexual Dimorphism in Flower Size. <i>American Naturalist</i> , 1996, 148, 299-320.	1.0	180
5	HOW ENVIRONMENTAL FACTORS AFFECT POLLEN PERFORMANCE: ECOLOGICAL AND EVOLUTIONARY PERSPECTIVES. <i>Ecology</i> , 1997, 78, 1632-1639.	1.5	170
6	Pattern and process: evidence for the evolution of photosynthetic traits in natural populations. <i>Oecologia</i> , 2001, 127, 455-467.	0.9	161
7	On the importance of balancing selection in plants. <i>New Phytologist</i> , 2014, 201, 45-56.	3.5	144
8	Evolutionary consequences of gender plasticity in genetically dimorphic breeding systems. <i>New Phytologist</i> , 2005, 166, 119-128.	3.5	133
9	Sex-specific physiology and source-sink relations in the dioecious plant <i>Silene latifolia</i> . <i>Oecologia</i> , 1996, 106, 63-72.	0.9	131
10	Sexual Dimorphism Masks Life History Trade-Offs in the Dioecious Plant <i>Silene Latifolia</i> . <i>Ecology</i> , 1995, 76, 775-785.	1.5	130
11	Trait selection in flowering plants: how does sexual selection contribute?. <i>Integrative and Comparative Biology</i> , 2006, 46, 465-472.	0.9	110
12	Merging theory and mechanism in studies of gynodioecy. <i>Trends in Ecology and Evolution</i> , 2007, 22, 17-24.	4.2	107
13	GENETIC CONSTRAINTS ON FLORAL EVOLUTION IN A SEXUALLY DIMORPHIC PLANT REVEALED BY ARTIFICIAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1936-1946.	1.1	102
14	Pollinator Visitation, Floral Display, and Nectar Production of the Sexual Morphs of a Gynodioecious Shrub. <i>Oikos</i> , 1992, 63, 161.	1.2	98
15	Genetic Correlations with Floral Display Lead to Sexual Dimorphism in the Cost of Reproduction. <i>American Naturalist</i> , 2005, 166, S31-S41.	1.0	97
16	SEXUAL DIMORPHISM IN THE QUANTITATIVE-GENETIC ARCHITECTURE OF FLORAL, LEAF, AND ALLOCATION TRAITS IN <i>SILENE LATIFOLIA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 42-57.	1.1	96
17	Modeling Gynodioecy: Novel Scenarios for Maintaining Polymorphism. <i>American Naturalist</i> , 2003, 161, 762-776.	1.0	89
18	Sexual dimorphism in gender plasticity and its consequences for breeding system evolution. <i>Evolution &amp; Development</i> , 2003, 5, 34-39.	1.1	85

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19	Flower Size Dimorphism in Plants with Unisexual Flowers. , 1996, , 217-237.		83
20	ENVIRONMENTAL AND GENETIC CONTROL OF GENDER IN THE DIMORPHIC SHRUB <i>HEBE SUBALPINA</i> . Evolution; International Journal of Organic Evolution, 1991, 45, 1957-1964.	1.1	78
21	THE GENOMIC ARCHITECTURE OF SEXUAL DIMORPHISM IN THE DIOECIOUS PLANT <i>SILENE LATIFOLIA</i> . Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	1.1	77
22	The Effects of Gender and Plant Architecture on Allocation to Flowers in Dioecious <i>Silene latifolia</i> (Caryophyllaceae). International Journal of Plant Sciences, 1996, 157, 493-500.	0.6	74
23	Haldane's Rule: Genetic Bases and Their Empirical Support. Journal of Heredity, 2016, 107, 383-391.	1.0	73
24	ELIMINATION OF A GENETIC CORRELATION BETWEEN THE SEXES VIA ARTIFICIAL CORRELATIONAL SELECTION. Evolution; International Journal of Organic Evolution, 2011, 65, 2872-2880.	1.1	71
25	SEX-RATIO VARIATION IN THE GYNODIOECIOUS SHRUB <i>HEBE STRICTISSIMA</i> (SCROPHULARIACEAE). Evolution; International Journal of Organic Evolution, 1990, 44, 134-142.	1.1	69
26	Environment-dependent intralocus sexual conflict in a dioecious plant. New Phytologist, 2011, 192, 542-552.	3.5	69
27	AN ASSOCIATION BETWEEN A FLORAL TRAIT AND INBREEDING DEPRESSION. Evolution; International Journal of Organic Evolution, 2000, 54, 840-846.	1.1	67
28	SEXUAL, FECUNDITY, AND VIABILITY SELECTION ON FLOWER SIZE AND NUMBER IN A SEXUALLY DIMORPHIC PLANT. Evolution; International Journal of Organic Evolution, 2012, 66, 1154-1166.	1.1	66
29	PATTERNS OF RESOURCE ALLOCATION IN A DIOECIOUS <i>CAREX</i> (CYPERACEAE). American Journal of Botany, 1993, 80, 607-615.	0.8	64
30	A field guide to models of sex ratio evolution in gynodioecious species. Oikos, 2007, 116, 1609-1617.	1.2	64
31	Genetics of sex determination in the gynodioecious species <i>Lobelia siphilitica</i> : evidence from two populations. Heredity, 2001, 86, 265-276.	1.2	62
32	Commentary: When does understanding phenotypic evolution require identification of the underlying genes?. Evolution; International Journal of Organic Evolution, 2015, 69, 1655-1664.	1.1	62
33	Gender dimorphism in indigenous New Zealand seed plants. New Zealand Journal of Botany, 1999, 37, 119-130.	0.8	56
34	HALDANE'S RULE IS EXTENDED TO PLANTS WITH SEX CHROMOSOMES. Evolution; International Journal of Organic Evolution, 2010, 64, 3643-3648.	1.1	56
35	Investigating the independent evolution of the size of floral organs via G-matrix estimation and artificial selection. Evolution & Development, 2004, 6, 438-448.	1.1	54
36	SELECTIVE TRADE-OFFS AND SEX-CHROMOSOME EVOLUTION IN <i>SILENE LATIFOLIA</i> . Evolution; International Journal of Organic Evolution, 2006, 60, 1793-1800.	1.1	53

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37	The Effect of Breeding System on Polymorphism in Mitochondrial Genes of <i>Silene</i> . <i>Genetics</i> , 2009, 181, 631-644.	1.2	53
38	The two-fold cost of sex: Experimental evidence from a natural system. <i>Evolution Letters</i> , 2017, 1, 6-15.	1.6	52
39	Pollen Competition in Flowering Plants. , 1998, , 149-173.		50
40	Why fast-growing pollen tubes give rise to vigorous progeny: the test of a new mechanism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 935-939.	1.2	48
41	INBREEDING DEPRESSION IN GYNODIOECIOUS <i>LOBELIA SIPHILITICA</i> : AMONG-FAMILY DIFFERENCES OVERRIDE BETWEEN-MORPH DIFFERENCES. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1572-1582.	1.1	46
42	Fine-scale genetic structure and clinal variation in <i>Silene acaulis</i> despite high gene flow. <i>Heredity</i> , 1999, 82, 628-637.	1.2	45
43	Coevolutionary hotspots and coldspots for host sex and parasite local adaptation in a snail-trematode interaction. <i>Oikos</i> , 2011, 120, 1335-1340.	1.2	44
44	Seed provisioning in gynodioecious <i>Silene acaulis</i> (Caryophyllaceae). <i>American Journal of Botany</i> , 1999, 86, 140-144.	0.8	39
45	Environmental and Genetic Control of Gender in the Dimorphic Shrub <i>Hebe subalpina</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 1957.	1.1	35
46	Lineages of <i>Silene nutans</i> developed rapid, strong, asymmetric postzygotic reproductive isolation in allopatry. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1519-1531.	1.1	32
47	Nutrients affect allocation to male and female function in <i>Abutilon theophrasti</i> (Malvaceae). <i>American Journal of Botany</i> , 1995, 82, 726-733.	0.8	30
48	PATTERNS OF RESOURCE ALLOCATION IN A DIOECIOUS <i>CAREX</i> (CYPERACEAE). , 1993, 80, 607.		30
49	TESTING WHY THE SEX OF THE MATERNAL PARENT AFFECTS SEEDLING SURVIVAL IN A GYNODIOECIOUS SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 231-239.	1.1	29
50	Sex Allocation: Evolution to and from Dioecy. <i>Current Biology</i> , 2009, 19, R249-R251.	1.8	27
51	Benefits and costs to pollinating, seed-eating insects: the effect of flower size and fruit abortion on larval performance. <i>Oecologia</i> , 2009, 161, 87-98.	0.9	27
52	Asymmetrical conspecific seed-siring advantage between <i>Silene latifolia</i> and <i>S. dioica</i> . <i>Annals of Botany</i> , 2010, 105, 595-605.	1.4	27
53	Sex-Ratio Evolution in Nuclear-Cytoplasmic Gynodioecy When Restoration Is a Threshold Trait. <i>Genetics</i> , 2007, 176, 2465-2476.	1.2	26
54	Processes that Constrain and Facilitate the Evolution of Sexual Dimorphism. <i>American Naturalist</i> , 2005, 166, S1-S4.	1.0	23

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55	Factors Affecting Intraplant Variation in Flowering and Fruiting in the Gynodioecious Species <i>Hebe subalpina</i> . <i>Journal of Ecology</i> , 1993, 81, 287.	1.9	22
56	Inbreeding depression in the gynodioecious shrub <i>Hebe subalpina</i> (Scrophulahaecae). <i>New Zealand Journal of Botany</i> , 1996, 34, 241-247.	0.8	22
57	Differential seed maturation uncouples fertilization and siring success in <i>Oenothera organensis</i> (Onagraceae). <i>Heredity</i> , 1996, 76, 623-632.	1.2	22
58	The genetic integration of sexually dimorphic traits in the dioecious plant, <i>Silene latifolia</i> . , 2007, , 115-123.		22
59	Experimental evolution: Assortative mating and sexual selection, independent of local adaptation, lead to reproductive isolation in the nematode <i>Caenorhabditis remanei</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3141-3155.	1.1	20
60	GENETIC ARCHITECTURE OF ISOLATION BETWEEN TWO SPECIES OF <i>SILENE</i> WITH SEX CHROMOSOMES AND HALDANE'S RULE. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 332-342.	1.1	19
61	Testing for sex differences in biparental inbreeding and its consequences in a gynodioecious species. <i>American Journal of Botany</i> , 2004, 91, 45-51.	0.8	18
62	Herbivore-mediated negative frequency-dependent selection underlies a trichome dimorphism in nature. <i>Evolution Letters</i> , 2020, 4, 83-90.	1.6	15
63	Pollen competition is the mechanism underlying a variety of evolutionary phenomena in dioecious plants. <i>New Phytologist</i> , 2019, 224, 1075-1079.	3.5	13
64	SELECTIVE TRADE-OFFS AND SEX-CHROMOSOME EVOLUTION IN <i>SILENE LATIFOLIA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1793.	1.1	12
65	PHENOTYPIC PLASTICITY EARLY IN LIFE CONSTRAINS DEVELOPMENTAL RESPONSES LATER. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 55, 930-936.	1.1	12
66	Genomic Resources Notes accepted 1 February 2015 - 31 March 2015. <i>Molecular Ecology Resources</i> , 2015, 15, 1014-1015.	2.2	10
67	The Study of Local Adaptation: A Thriving Field of Research. <i>Journal of Heredity</i> , 2018, 109, 1-2.	1.0	10
68	Nutrients affect allocation to male and female function in <i>Abutilon theophrasti</i> (Malvaceae). , 1995, 82, 726.		10
69	Differences in style length confer prezygotic isolation between two dioecious species of <i>Silene</i> in sympatry. <i>Ecology and Evolution</i> , 2015, 5, 2703-2711.	0.8	9
70	Divergence in style length and pollen size leads to a postmating prezygotic reproductive barrier among populations of <i>Silene latifolia</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1532-1540.	1.1	9
71	The Evolutionary Dynamics of Gynodioecy in <i>Lobelia</i> . <i>International Journal of Plant Sciences</i> , 2014, 175, 383-391.	0.6	8
72	Evaluation of the cost of restoration of male fertility in <i>Brassica napus</i> . <i>Botany</i> , 2014, 92, 847-853.	0.5	8

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73	Water availability drives population divergence and sex-specific responses in a dioecious plant. <i>American Journal of Botany</i> , 2019, 106, 1346-1355.	0.8	7
74	Gynodioecy in native New Zealand <i>Gaultheria</i> (Ericaceae). <i>New Zealand Journal of Botany</i> , 2006, 44, 415-420.	0.8	5
75	The nearness of you: the effect of population structure on siring success in a gynodioecious species. <i>Molecular Ecology</i> , 2010, 19, 1520-1522.	2.0	5
76	Characterization of 24 polymorphic microsatellite markers for <i>Silene nutans</i> , a gynodioecious-gynomonoecious species, and cross-species amplification in other <i>Silene</i> species. <i>Conservation Genetics Resources</i> , 2014, 6, 915-918.	0.4	5
77	Male-female genotype interactions maintain variation in traits important for sexual interactions and reproductive isolation. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1667-1673.	1.1	4
78	Evolution: Selfing Takes Species Down Stebbins's Blind Alley. <i>Current Biology</i> , 2017, 27, R61-R63.	1.8	4
79	Rapid reversal of a potentially constraining genetic covariance between leaf and flower traits in <i>Silene latifolia</i> . <i>Ecology and Evolution</i> , 2020, 10, 569-578.	0.8	4
80	Observational evidence of herbivore-specific associational effects between neighboring conspecifics in natural, dimorphic populations of <i>Datura wrightii</i> . <i>Ecology and Evolution</i> , 2021, 11, 5547-5561.	0.8	4
81	Sex-specific natural selection on SNPs in <i>Silene latifolia</i> . <i>Evolution Letters</i> , 0, , .	1.6	4
82	The X chromosome is necessary for ovule production in <i>Silene latifolia</i> . <i>PLoS ONE</i> , 2019, 14, e0217558.	1.1	2
83	UNDERSTANDING WHAT WE SEE IN NATURE: HOW TO SPEND YOUR LIFE AS AN EVOLUTIONARY ECOLOGIST. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3027-3028.	1.1	1
84	Nominations And Applications For The 2002 Theodosius Dobzhansky Prize. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2627-2627.	1.1	0
85	THE SOCIETY FOR THE STUDY OF EVOLUTION: Nominations and Applications for the 2002 Theodosius Dobzhansky Prize. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2142-2142.	1.1	0
86	NOMINATIONS AND APPLICATIONS FOR THE 2002: THEODOSIUS DOBZHANSKY PRIZE. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 210-211.	1.1	0
87	Functional precocious protogyny in New Zealand sun hebes ( <i>Veronica</i> sect. <i>Hebe</i> , Plantaginaceae). <i>New Zealand Journal of Botany</i> , 0, , 1-9.	0.8	0
88	On the 75th anniversary of the society for the study of evolution: A nonhistorian's perspective of the past two decades. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 4-9.	1.1	0
89	Parasitic manipulation or by-product of infection: an experimental approach using trematode-infected snails. <i>Journal of Helminthology</i> , 2022, 96, e2.	0.4	0