Bengt Oxelman

List of Publications by Year
in descending order

87 papers	6,974 citations	81900 39 h-index	60623 81 g-index
91 all docs	91 docs citations	91 times ranked	5996 citing authors

#	Article	IF	Citations
1	Multiple species delimitation approaches applied to the avian lark genus Alaudala. Molecular Phylogenetics and Evolution, 2021, 154, 106994.	2.7	14
2	Biogeographic origins of southern African Silene (Caryophyllaceae). Molecular Phylogenetics and Evolution, 2021, 162, 107199.	2.7	6
3	(2755) Proposal to conserve the name Silene linearis Decne. against <scp>S. linearis</scp> Sweet (Caryophyllaceae). Taxon, 2020, 69, 825-826.	0.7	1
4	Phylogeny of Acanthophyllum s.l. revisited: An update on generic concept and sectional classification. Taxon, 2020, 69, 500-514.	0.7	3
5	A new taxonomic backbone for the infrageneric classification of the speciesâ€rich genus Silene (Caryophyllaceae). Taxon, 2020, 69, 337-368.	0.7	52
6	Phylogeny and species delimitation in Silene sect. Arenosae (Caryophyllaceae): a new section. PhytoKeys, 2020, 159, 1-34.	1.0	6
7	Evolution of sex determination and heterogamety changes in section Otites of the genus Silene. Scientific Reports, 2019, 9, 1045.	3.3	29
8	Notes on the genus Silene (Caryophyllaceae, Sileneae) in Iran . Phytotaxa, 2019, 425, 35-48.	0.3	3
9	Embracing heterogeneity: coalescing the Tree of Life and the future of phylogenomics. PeerJ, 2019, 7, e6399.	2.0	111
10	Origin and Diversification of South American Polyploid Silene Sect. Physolychnis (Caryophyllaceae) in the Andes and Patagonia. Frontiers in Genetics, 2018, 9, 639.	2.3	15
11	Untangling phylogenetic patterns and taxonomic confusion in tribe Caryophylleae (Caryophyllaceae) with special focus on generic boundaries. Taxon, 2018, 67, 83-112.	0.7	24
12	Evolutionary persistence inGunneraand the contribution of southern plant groups to the tropical Andes biodiversity hotspot. PeerJ, 2018, 6, e4388.	2.0	47
13	Phylogenetics of Allopolyploids. Annual Review of Ecology, Evolution, and Systematics, 2017, 48, 543-557.	8.3	38
14	Recombination provides evidence for ancient hybridisation in the Silene aegyptiaca (Caryophyllaceae) complex. Organisms Diversity and Evolution, 2017, 17, 717-726.	1.6	7
15	Molecular phylogeny of the cosmopolitan aquatic plant genus Limosella (Scrophulariaceae) with a particular focus on the origin of the Australasian L. curdieana. Journal of Plant Research, 2017, 130, 107-116.	2.4	10
16	A phylogenetic circumscription of Silene sect. Siphonomorpha (Caryophyllaceae) in the Mediterranean Basin. Taxon, 2017, 66, 91-108.	0.7	26
17	Colonization and diversification in the African â€˜sky islandsâ€™: insights from fossilâ€calibrated molecular dating of Lychnis (Caryophyllaceae). New Phytologist, 2016, 211, 719-734.	7.3	38
18	Species delimitation without prior knowledge: DISSECT reveals extensive cryptic speciation in the Silene aegyptiaca complex (Caryophyllaceae). Molecular Phylogenetics and Evolution, 2016, 102, 1-8.	2.7	21

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19	Assignment of Homoeologs to Parental Genomes in Allopolyploids for Species Tree Inference, with an Example from Fumaria (Papaveraceae). Systematic Biology, 2015, 64, 448-471.	5.6	26
20	A taxonomic backbone for the global synthesis of species diversity in the angiosperm orderCaryophyllales. Willdenowia, 2015, 45, 281.	0.8	254
21	DISSECT: an assignment-free Bayesian discovery method for species delimitation under the multispecies coalescent. Bioinformatics, 2015, 31, 991-998.	4.1	179
22	From Gene Trees to a Dated Allopolyploid Network: Insights from the Angiosperm Genus Viola (Violaceae). Systematic Biology, 2015, 64, 84-101.	5.6	106
23	Marginal Likelihood Estimate Comparisons to Obtain Optimal Species Delimitations in Silene sect. Cryptoneurae (Caryophyllaceae). PLoS ONE, 2014, 9, e106990.	2.5	35
24	Phylogenetic perspectives on diversification and character evolution in the species-rich genusErysimum(Erysimeae; Brassicaceae) based on a densely sampled ITS approach. Botanical Journal of the Linnean Society, 2014, 175, 497-522.	1.6	37
25	Molecular phylogeny of Acanthophyllum (Caryophyllaceae: Caryophylleae), with emphasis on infrageneric classification. Taxon, 2014, 63, 592-607.	0.7	28
26	A new section of Silene (Caryophyllaceae) including a new species from South Anatolia, TurkeyÂ. Phytotaxa, 2014, 178, 98.	0.3	20
27	EVOLUTION OF SEX DETERMINATION SYSTEMS WITH HETEROGAMETIC MALES AND FEMALES INSILENE. Evolution; International Journal of Organic Evolution, 2013, 67, 3669-3677.	2.3	44
28	Spatiotemporal reconstruction of the Aquilegia rapid radiation through nextâ€generation sequencing of rapidly evolving cp<scp>DNA</scp> regions. New Phytologist, 2013, 198, 579-592.	7.3	86
29	Statistical Inference of Allopolyploid Species Networks in the Presence of Incomplete Lineage Sorting. Systematic Biology, 2013, 62, 467-478.	5.6	75
30	Taxonomic revision ofAtocionandViscaria(Sileneae, Caryophyllaceae). Botanical Journal of the Linnean Society, 2013, 173, 194-210.	1.6	9
31	Lifeâ€history strategy defends against disease and may select against physiological resistance. Ecology and Evolution, 2013, 3, 1741-1750.	1.9	11
32	Introgressive Hybridization between Anciently Diverged Lineages of Silene (Caryophyllaceae). PLoS ONE, 2013, 8, e67729.	2.5	18
33	Inferring Species Networks from Gene Trees in High-Polyploid North American and Hawaiian Violets (Viola, Violaceae). Systematic Biology, 2012, 61, 107-126.	5.6	100
34	The taxonomic identity of the 30,000-y-old plant regenerated from fruit tissue buried in Siberian permafrost. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2735-E2735.	7.1	3
35	Use of alleleâ€specific sequencing primers is an efficient alternative to PCR subcloning of lowâ€copy nuclear genes. Molecular Ecology Resources, 2012, 12, 128-135.	4.8	18
36	A dated speciesâ€“tree approach to the transâ€“Pacific disjunction of the genus Jovellana (Calceolariaceae, Lamiales). Taxon, 2012, 61, 381-391.	0.7	21

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37	Phylogenetic Relationships of <I>Silene multinervia</I> and <I>Silene</I> Section <I>Conoimorpha</I> (Caryophyllaceae). Systematic Botany, 2012, 37, 226-237.	0.5	50
38	Phylogenetic relationships within Silene (Caryophyllaceae) section Physolychnis. Taxon, 2011, 60, 953-968.	0.7	36
39	Evolution of plant RNA polymerase IV/V genes: evidence of subneofunctionalization of duplicated NRPD2/NRPE2-like paralogs in Viola (Violaceae). BMC Evolutionary Biology, 2010, 10, 45.	3.2	27
40	Geographic and phylogenetic patterns in Silene section Melandrium (Caryophyllaceae) as inferred from chloroplast and nuclear DNA sequences. Molecular Phylogenetics and Evolution, 2010, 57, 978-991.	2.7	93
41	Distribution of the antherâ€smut pathogen Microbotryum on species of the Caryophyllaceae. New Phytologist, 2010, 187, 217-229.	7.3	73
42	Phylogenetic relationships of Atocion and Viscaria (Sileneae, Caryophyllaceae) inferred from chloroplast, nuclear ribosomal, and lowâ€copy gene DNA sequences. Taxon, 2009, 58, 811-824.	0.7	27
43	Hybrid Origins and Homoploid Reticulate Evolution within Heliosperma (Sileneae, Caryophyllaceae)â€”A Multigene Phylogenetic Approach with Relative Dating. Systematic Biology, 2009, 58, 328-345.	5.6	114
44	Inferring polyploid phylogenies from multiply-labeled gene trees. BMC Evolutionary Biology, 2009, 9, 216.	3.2	44
45	Phylogenetic analysis of mitochondrial substitution rate variation in the angiosperm tribe Sileneae. BMC Evolutionary Biology, 2009, 9, 260.	3.2	114
46	Phylogenies without roots? A plea for the use of vouchers in molecular phylogenetic studies. Molecular Phylogenetics and Evolution, 2008, 48, 369-371.	2.7	421
47	Reticulate or tree-like chloroplast DNA evolution in Sileneae (Caryophyllaceae)?. Molecular Phylogenetics and Evolution, 2008, 48, 313-325.	2.7	55
48	Conflicting Phylogenetic Signals in the SlX1/Y1 Gene in Silene. BMC Evolutionary Biology, 2008, 8, 299.	3.2	21
49	Whole-Gene Positive Selection, Elevated Synonymous Substitution Rates, Duplication, and Indel Evolution of the Chloroplast clpP1 Gene. PLoS ONE, 2008, 3, e1386.	2.5	168
50	The origin and number of introductions of the Hawaiian endemic Silene species (Caryophyllaceae). American Journal of Botany, 2007, 94, 210-218.	1.7	54
51	Origin and evolution of North American polyploid Silene (Caryophyllaceae). American Journal of Botany, 2007, 94, 330-349.	1.7	79
52	Bayesian support is larger than bootstrap support in phylogenetic inference: a mathematical argument. Mathematical Medicine and Biology, 2007, 24, 401-411.	1.2	3
53	Untangling Complex Histories of Genome Mergings in High Polyploids. Systematic Biology, 2007, 56, 467-476.	5.6	82
54	Reticulate phylogenetics and phytogeographical structure of Heliosperma (Sileneae, Caryophyllaceae) inferred from chloroplast and nuclear DNA sequences. Molecular Phylogenetics and Evolution, 2007, 43, 140-155.	2.7	100

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55	Reconstructing the Evolutionary History of Polyploids from Multilabeled Trees. Molecular Biology and Evolution, 2006, 23, 1784-1791.	8.9	83
56	Fundamental Differences Between the Methods of Maximum Likelihood and Maximum Posterior Probability in Phylogenetics. Systematic Biology, 2006, 55, 116-121.	5.6	17
57	Further disintegration of Scrophulariaceae. Taxon, 2005, 54, 411-425.	0.7	201
58	Origin and Evolution of a Circumpolar Polyploid Species Complex in <I>Silene</I> (Caryophyllaceae) Inferred from Low Copy Nuclear RNA Polymerase Introns, rDNA, and Chloroplast DNA. Systematic Botany, 2005, 30, 302-313.	0.5	106
59	Piecing together the â€œnewâ€•Plantaginaceae. American Journal of Botany, 2005, 92, 297-315.	1.7	197
60	Evolution of a RNA Polymerase Gene Family in Silene (Caryophyllaceae)â€”Incomplete Concerted Evolution and Topological Congruence Among Paralogues. Systematic Biology, 2004, 53, 914-932.	5.6	76
61	RPB2 gene phylogeny in flowering plants, with particular emphasis on asterids. Molecular Phylogenetics and Evolution, 2004, 32, 462-479.	2.7	58
62	Polyploid origins in a circumpolar complex in Draba (Brassicaceae) inferred from cloned nuclear DNA sequences and fingerprints. Molecular Phylogenetics and Evolution, 2004, 32, 695-710.	2.7	39
63	Polyploid origins in a circumpolar complex in Draba (Brassicaceae) inferred from cloned nuclear DNA sequences and fingerprints. Molecular Phylogenetics and Evolution, 2004, 32, 695-695.	2.7	0
64	Generic limits in Rhamnus L. s.l. (Rhamnaceae) inferred from nuclear and chloroplast DNA sequence phylogenies. Taxon, 2004, 53, 383-390.	0.7	39
65	Improvements to resampling measures of group support. Cladistics, 2003, 19, 324-332.	3.3	594
66	Phylogeny of Echiochilon (Echiochileae, Boraginaceae) based on ITS sequences and morphology. Taxon, 2003, 52, 725-735.	0.7	10
67	Phylogeny of Echiochilon (Echiochileae, Boraginaceae) Based on ITS Sequences and Morphology. Taxon, 2003, 52, 725.	0.7	9
68	Reliability of Bayesian Posterior Probabilities and Bootstrap Frequencies in Phylogenetics. Systematic Biology, 2003, 52, 665-673.	5.6	627
69	Improvements to resampling measures of group support. Cladistics, 2003, 19, 324-332.	3.3	73
70	Phylogenetic dating with confidence intervals using mean path lengths. Molecular Phylogenetics and Evolution, 2002, 24, 58-65.	2.7	78
71	(1490) Proposal to reject the name Silene polyphylla L. 1753 (Caryophyllaceae). Taxon, 2001, 50, 923-924.	0.7	0
72	Two APETALA2â€like genes of Picea abies are differentially expressed during development1. Journal of Experimental Botany, 2001, 52, 1111-1115.	4.8	34

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73	Taxonomic and Nomenclatural Notes on Chinese Silene (Caryophyllaceae). Novon, 2001, 11, 322.	0.3	4
74	Inferring the History of the Polyploid Silene aegaea (Caryophyllaceae) Using Plastid and Homoeologous Nuclear DNA Sequences. Molecular Phylogenetics and Evolution, 2001, 20, 474-481.	2.7	190
75	Discovery of Paralogous Nuclear Gene Sequences Coding for the Second-Largest Subunit of RNA Polymerase II (RPB2) and Their Phylogenetic Utility in Gentianales of the Asterids. Molecular Biology and Evolution, 2000, 17, 1131-1145.	8.9	42
76	Phylogenetic relationships within the Gentianales based on NDHF and RBCL sequences, with particular reference to the Loganiaceae. American Journal of Botany, 2000, 87, 1029-1043.	1.7	119
77	A revised generic classification of the tribe Sileneae (Caryophyllaceae). Nordic Journal of Botany, 2000, 20, 743-748.	0.5	69
78	A revised generic classification of the tribe Sileneae (Caryophyllaceae). Nordic Journal of Botany, 2000, 20, 513-518.	0.5	29
79	Relationships of the Buddlejaceae s. 1. Investigated Using Parsimony Jackknife and Branch Support Analysis of Chloroplast ndhF and rbcL Sequence Data. Systematic Botany, 1999, 24, 164.	0.5	131
80	More Characters or More Taxa for a Robust Phylogenyâ€"Case Study from the Coffee Family (Rubiaceae). Systematic Biology, 1999, 48, 413-435.	5.6	183
81	Chloroplastrps16 intron phylogeny of the tribeSileneae (Caryophyllaceae). Plant Systematics and Evolution, 1997, 206, 393-410.	0.9	597
82	Phylogeny and classification ofFumariaceae, with emphasis onDicentra s. l., based on the plastid generps16 intron. Plant Systematics and Evolution, 1997, 206, 411-420.	0.9	83
83	Point of View Do we need "phylogenetic taxonomy"?. Zoologica Scripta, 1996, 25, 183-185.	1.7	36
84	RAPD patterns, nrDNA ITS sequences and morphological patterns inSilene sectionSedoideae (Caryophyllaceae). Plant Systematics and Evolution, 1996, 201, 93-116.	0.9	25
85	Generic boundaries in the tribe Sileneae (Caryophyllaceae) as inferred from nuclear rDNA sequences. Taxon, 1995, 44, 525-542.	0.7	122
86	The Global Caryophyllales Initiative:ÂTowards an updated taxonomic backbone and a dynamic monograph of a major plant group. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
87	ï»¿Re-establishment of Silene neglecta Ten. (Caryophyllaceae) with taxonomic notes on some related taxa. PhytoKeys, 0, 195, 143-160.	1.0	1