

# Michael MÃ¶ller

## List of Publications by Year in descending order

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102  
papers

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172207

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103  
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2416  
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#	ARTICLE	IF	CITATIONS
1	Geological and ecological factors drive cryptic speciation of yews in a biodiversity hotspot. <i>New Phytologist</i> , 2013, 199, 1093-1108.	3.5	236
2	DNA barcoding for the discrimination of Eurasian yews ( <i>Taxus</i> L., Taxaceae) and the discovery of cryptic species. <i>Molecular Ecology Resources</i> , 2011, 11, 89-100.	2.2	154
3	Molecular systematics and remodelling of <i>Chirita</i> and associated genera (Gesneriaceae). <i>Taxon</i> , 2011, 60, 767-790.	0.4	138
4	Origin and relationships of <i>Saintpaulia</i> (Gesneriaceae) based on ribosomal DNA internal transcribed spacer (ITS) sequences. <i>American Journal of Botany</i> , 1997, 84, 956-965.	0.8	114
5	Phylogeny and Biogeography of <i>Exacum</i> (Gentianaceae): A Disjunctive Distribution in the Indian Ocean Basin Resulted from Long Distance Dispersal and Extensive Radiation. <i>Systematic Biology</i> , 2005, 54, 21-34.	2.7	109
6	Diversity of cycloidea-like Genes in Gesneriaceae in Relation to Floral Symmetry. <i>Annals of Botany</i> , 2000, 86, 167-176.	1.4	108
7	DNA barcoding of <i>Rhododendron</i> (Ericaceae), the largest Chinese plant genus in biodiversity hotspots of the Himalaya-Hengduan Mountains. <i>Molecular Ecology Resources</i> , 2015, 15, 932-944.	2.2	101
8	A molecular phylogenetic assessment of the advanced Asiatic and Malesian didymocarpoid Gesneriaceae with focus on non-monophyletic and monotypic genera. <i>Plant Systematics and Evolution</i> , 2011, 292, 223-248.	0.3	92
9	High nrDNA ITS polymorphism in the ancient extant seed plant <i>Cycas</i> : Incomplete concerted evolution and the origin of pseudogenes. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 168-177.	1.2	83
10	A preliminary phylogeny of the didymocarpoid Gesneriaceae™ based on three molecular data sets: Incongruence with available tribal classifications. <i>American Journal of Botany</i> , 2009, 96, 989-1010.	0.8	81
11	Both temperature fluctuations and East Asian monsoons have driven plant diversification in the karst ecosystems from southern China. <i>Molecular Ecology</i> , 2017, 26, 6414-6429.	2.0	74
12	Evolution and Development of Floral Diversity in <i>Streptocarpus</i> and <i>Saintpaulia</i> . <i>Annals of Botany</i> , 1999, 84, 49-60.	1.4	71
13	Domestication Origin and Breeding History of the Tea Plant ( <i>Camellia sinensis</i> ) in China and India Based on Nuclear Microsatellites and cpDNA Sequence Data. <i>Frontiers in Plant Science</i> , 2017, 8, 2270.	1.7	71
14	Phylogenetic Position of <i>Titanotrichum oldhamii</i> (Gesneriaceae) Inferred From Four Different Gene Regions. <i>Systematic Botany</i> , 2004, 29, 407-418.	0.2	55
15	Applying plant DNA barcodes to identify species of <i>Parnassia</i> (Parnassiaceae). <i>Molecular Ecology Resources</i> , 2012, 12, 267-275.	2.2	52
16	Monophyly and relationships of the tribe Exaceae (Gentianaceae) inferred from nuclear ribosomal and chloroplast DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 500-517.	1.2	51
17	Species separation of <i>Taxus baccata</i> , <i>T. canadensis</i> , and <i>T. cuspidata</i> (Taxaceae) and origins of their reputed hybrids inferred from RAPD and cpDNA data. <i>American Journal of Botany</i> , 2003, 90, 175-182.	0.8	51
18	Phylogenetic position and generic differentiation of Epithemateae (Gesneriaceae) inferred from plastid DNA sequence data. <i>American Journal of Botany</i> , 2003, 90, 321-329.	0.8	50

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19	Phylogenomics of Gesneriaceae using targeted capture of nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2021, 157, 107068.	1.2	46
20	The Role of KNOX Genes in the Evolution of Morphological Novelty in <i>Streptocarpus</i> . <i>Plant Cell</i> , 2005, 17, 430-443.	3.1	45
21	Using Morphological, Molecular and Climatic Data to Delimitate Yews along the Hindu Kush-Himalaya and Adjacent Regions. <i>PLoS ONE</i> , 2012, 7, e46873.	1.1	45
22	Morphometric analysis of the <i>Taxus wallichiana</i> complex (Taxaceae) based on herbarium material. <i>Botanical Journal of the Linnean Society</i> , 2007, 155, 307-335.	0.8	42
23	Genetic diversity within and among populations of the endangered species <i>Taxus fuana</i> (Taxaceae) from Pakistan and implications for its conservation. <i>Biochemical Systematics and Ecology</i> , 2008, 36, 183-193.	0.6	42
24	Insights into the Genetic Relationships and Breeding Patterns of the African Tea Germplasm Based on nSSR Markers and cpDNA Sequences. <i>Frontiers in Plant Science</i> , 2016, 7, 1244.	1.7	39
25	Integrating a comprehensive <scp>DNA</scp> barcode reference library with a global map of yews (<i>Taxus</i> L.) for forensic identification. <i>Molecular Ecology Resources</i> , 2018, 18, 1115-1131.	2.2	38
26	Altered expression of GFLO , the Gesneriaceae homologue of FLORICAULA/LEAFY , is associated with the transition to bulbil formation in <i>Titanotrichum oldhamii</i> . <i>Development Genes and Evolution</i> , 2004, 214, 122-127.	0.4	36
27	The genetic ghost of an invasion past: colonization and extinction revealed by historical hybridization in<i>Senecio</i>. <i>Molecular Ecology</i> , 2012, 21, 369-387.	2.0	34
28	Phylogenetic Studies in <i>Streptocarpus</i> (Gesneriaceae): Reconstruction of Biogeographic History and Distribution Patterns. <i>Systematics and Geography of Plants</i> , 2001, 71, 545.	0.1	32
29	Yews ( <i>Taxus</i> ) along the Hindu Kush-Himalayan region: Exploring the ethnopharmacological relevance among communities of Mongol and Caucasian origins. <i>Journal of Ethnopharmacology</i> , 2013, 147, 190-203.	2.0	32
30	Nuclear Ribosomal ITS Functional Paralogs Resolve the Phylogenetic Relationships of a Late-Miocene Radiation Cycad <i>Cycas</i> (Cycadaceae). <i>PLoS ONE</i> , 2015, 10, e0117971.	1.1	32
31	Phylogeny and disjunct distribution: evolution of <i>Saintpaulia</i> (Gesneriaceae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1827-1836.	1.2	30
32	Population Genetic Structure of <i>Titanotrichum oldhamii</i> (Gesneriaceae), a Subtropical Bulbiliferous Plant with Mixed Sexual and Asexual Reproduction. <i>Annals of Botany</i> , 2004, 93, 201-209.	1.4	30
33	Low genetic diversity and high inbreeding of the endangered yews in Central Himalaya: implications for conservation of their highly fragmented populations. <i>Diversity and Distributions</i> , 2014, 20, 1270-1284.	1.9	27
34	Phylogenetic Relationships of <i>Asterella</i> (Aytoniaceae, Marchantiopsida) Inferred from Chloroplast DNA Sequences. <i>Bryologist</i> , 2000, 103, 625-644.	0.1	26
35	<i>Streptocarpus</i> redefined to include all Afro&Malagasy Gesneriaceae: Molecular phylogenies prove congruent with geographical distribution and basic chromosome numbers and uncover remarkable morphological homoplasies. <i>Taxon</i> , 2015, 64, 1243-1274.	0.4	25
36	The European Paleoendemic<i>Haberlea rhodopensis</i> (Gesneriaceae) Has an Oligocene Origin and a Pleistocene Diversification and Occurs in a Long-Persisting Refugial Area in Southeastern Europe. <i>International Journal of Plant Sciences</i> , 2015, 176, 499-514.	0.6	25

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37	DNA barcoding of East Asian <i>Amentotaxus</i> (Taxaceae): Potential new species and implications for conservation. <i>Journal of Systematics and Evolution</i> , 2017, 55, 16-24.	1.6	25
38	Taxonomic Status, Phylogenetic Affinities and Genetic Diversity of a Presumed Extinct Genus, <i>Paraisometrum</i> W.T. Wang (Gesneriaceae) from the Karst Regions of Southwest China. <i>PLoS ONE</i> , 2014, 9, e107967.	1.1	25
39	Genetic diversity, demographical history and conservation aspects of the endangered yew tree <i>Taxus contorta</i> (syn. <i>Taxus fuana</i> ) in Pakistan. <i>Tree Genetics and Genomes</i> , 2014, 10, 653-665.	0.6	24
40	Anisocotily and meristem initiation in an unorthodox plant, <i>Streptocarpus rexii</i> (Gesneriaceae). <i>Planta</i> , 2007, 225, 653-663.	1.6	23
41	The impact of pollination syndrome and habitat on gene flow: a comparative study of two <i>Streptocarpus</i> (Gesneriaceae) species. <i>American Journal of Botany</i> , 2007, 94, 1688-1695.	0.8	22
42	A complex case of simple leaves: indeterminate leaves co-express ARP and KNOX1 genes. <i>Development Genes and Evolution</i> , 2010, 220, 25-40.	0.4	22
43	Multiple origins and a narrow genepool characterise the African tea germplasm: concordant patterns revealed by nuclear and plastid DNA markers. <i>Scientific Reports</i> , 2017, 7, 4053.	1.6	22
44	An approach to identify putative hybrids in the "coalescent stochasticity zone"™, as exemplified in the African plant genus <i>Streptocarpus</i> (Gesneriaceae). <i>New Phytologist</i> , 2013, 198, 284-300.	3.5	21
45	<i>Billolivia</i> , a new genus of Gesneriaceae from Vietnam with five new species. <i>Phytotaxa</i> , 2014, 161, 241.	0.1	19
46	Strange morphogenesis " organ determination in Monophyllaea. <i>Trends in Plant Science</i> , 1997, 2, 327-328.	4.3	18
47	Nuclear and plastid DNA sequences confirm the placement of the enigmatic <i>Canacomyrca monticolain</i> Myricaceae. <i>Taxon</i> , 2006, 55, 349-357.	0.4	18
48	A new species of <i>Paraboea</i> (Gesneriaceae) from a karst cave in Guangxi, China, and observations on variations in flower and inflorescence architecture. <i>Botanical Journal of the Linnean Society</i> , 2008, 158, 681-688.	0.8	18
49	New insights into the relationships between <i>Paraboea</i> , <i>Trisepalum</i> , and <i>Phylloboea</i> (Gesneriaceae) and their taxonomic consequences. <i>Taxon</i> , 2011, 60, 1693-1702.	0.4	18
50	A multidisciplinary approach reveals hidden taxonomic diversity in the morphologically challenging <i>Taxus wallichiana</i> complex. <i>Taxon</i> , 2013, 62, 1161-1177.	0.4	18
51	Three New Species of <i>Petrocodon</i> (Gesneriaceae), Endemic to the Limestone Areas of Southwest China, and Preliminary Insights into the Diversification Patterns of the Genus. <i>Systematic Botany</i> , 2014, 39, 316-330.	0.2	18
52	Two new species of <i>Oreocharis</i> (Gesneriaceae) from Fan Si Pan, the highest mountain in Vietnam. <i>PhytoKeys</i> , 2018, 94, 95-106.	0.4	17
53	Variation and Inheritance of Nuclear Ribosomal DNA Clusters in <i>Streptocarpus</i> (Gesneriaceae) and Their Biological and Phylogenetic Implications. <i>International Journal of Plant Sciences</i> , 2007, 168, 455-467.	0.6	16
54	<strong>Oreocharis</strong> – <strong>heterandra</strong> (Gesneriaceae): a natural hybrid from the Shengtangshan Mountains, Guangxi, China. <i>Phytotaxa</i> , 2015, 38, 1.	0.1	16

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55	Testing the Complete Plastome for Species Discrimination, Cryptic Species Discovery and Phylogenetic Resolution in <i>Cephalotaxus</i> (Cephalotaxaceae). <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	16
56	WUS and STM homologs are linked to the expression of lateral dominance in the acaulescent <i>Streptocarpus rexii</i> (Gesneriaceae). <i>Planta</i> , 2009, 230, 529-542.	1.6	15
57	Cross-species amplification and development of new microsatellite loci for <i>Taxus wallichiana</i> (Taxaceae). <i>American Journal of Botany</i> , 2011, 98, e70-3.	0.8	15
58	Morphological variation, genetic diversity and genome size of critically endangered <i>Haberlea</i> (Gesneriaceae) populations in Bulgaria do not support the recognition of two different species. <i>Plant Systematics and Evolution</i> , 2014, 300, 29-41.	0.3	15
59	Molecular evidence for fragmentation among populations of <i>Taxus wallichiana</i> var. <i>mairei</i> , a highly endangered conifer in China. <i>Canadian Journal of Forest Research</i> , 2009, 39, 755-764.	0.8	14
60	<i>Chirita grandibracteata</i> (Gesneriaceae), a New Species from Yunnan, China. <i>Annales Botanici Fennici</i> , 2009, 46, 125-129.	0.0	13
61	<i>GRAMINIFOLIA</i> homolog expression in <i>Streptocarpus rexii</i> is associated with the basal meristems in phyllo-morphs, a morphological novelty in Gesneriaceae. <i>Evolution &amp; Development</i> , 2010, 12, 61-73.	1.1	13
62	Taxonomic treatments of <i>Camellia</i> (Theaceae) species with secretory structures based on integrated leaf characters. <i>Plant Systematics and Evolution</i> , 2010, 290, 1-20.	0.3	12
63	The first phylogenetic hypothesis for the southern African endemic genus <i>Tulbaghia</i> (Amaryllidaceae, Allioideae) based on plastid and nuclear DNA sequences. <i>Botanical Journal of the Linnean Society</i> , 2016, 181, 156-170.	0.8	12
64	Aspects of sexual failure in the reproductive processes of a rare bulbiferous plant, <i>Titanotrichum oldhamii</i> (Gesneriaceae), in subtropical Asia. <i>Sexual Plant Reproduction</i> , 2004, 17, 23-31.	2.2	11
65	Molecular evidence for repeated hybridization events involved in the origin of the genus <i>Crepidiastrixeris</i> (Asteraceae) using RAPDs and ITS data. <i>Botanical Journal of the Linnean Society</i> , 2006, 151, 333-343.	0.8	11
66	<i>Tribounia</i> , a new genus of Gesneriaceae from Thailand. <i>Taxon</i> , 2012, 61, 1286-1295.	0.4	10
67	<i>Oreocharis jingpingensis</i> (Gesneriaceae), a New Species from Yunnan, China. <i>Annales Botanici Fennici</i> , 2013, 50, 312-316.	0.0	10
68	From shoot to leaf: step-wise shifts in meristem and KNOX1 activity correlate with the evolution of a unifoliate body plan in Gesneriaceae. <i>Development Genes and Evolution</i> , 2017, 227, 41-60.	0.4	10
69	Repeated intercontinental migrations and recurring hybridizations characterise the evolutionary history of yew ( <i>Taxus</i> L.). <i>Molecular Phylogenetics and Evolution</i> , 2020, 153, 106952.	1.2	10
70	Mix and match: Patchwork domain evolution of the land plant-specific Ca <sup>2+</sup> -permeable mechanosensitive channel MCA. <i>PLoS ONE</i> , 2021, 16, e0249735.	1.1	10
71	A molecular phylogenetic study of <i>Hemsleya</i> (Cucurbitaceae) based on ITS, rpl16, trnH-psbA, and trnL DNA sequences. <i>Plant Systematics and Evolution</i> , 2010, 285, 23-32.	0.3	9
72	<i>Paraboea hekouensis</i> and <i>P. manhaoensis</i> , Two New Species of Gesneriaceae from China. <i>Annales Botanici Fennici</i> , 2012, 49, 179-187.	0.0	9

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73	Chayamaritia (Gesneriaceae: Didymocarpoideae), a new genus from Southeast Asia. <i>Plant Systematics and Evolution</i> , 2015, 301, 1947-1966.	0.3	9
74	The phylogenetic position of <i>Aulotandra</i> (Zingiberaceae). <i>Nordic Journal of Botany</i> , 2003, 23, 725-734.	0.2	7
75	Aspects of Genome Evolution in Gesneriaceae: Patterns of 45S rDNA Site Evolution based on Evidence from Fluorescent In Situ Hybridization (FISH). <i>International Journal of Plant Sciences</i> , 2008, 169, 667-676.	0.6	7
76	Additional notes on <i>Oreocharis yunnanensis</i> , a species of Gesneriaceae from southern Yunnan, China, including morphological and molecular data. <i>Phytotaxa</i> , 2014, 167, 283.	0.1	7
77	The Family Placement of <i>Cyrtandromoea</i> . <i>Systematic Botany</i> , 2019, 44, 616-630.	0.2	7
78	GA2 and GA20-oxidase expressions are associated with the meristem position in <i>Streptocarpus rexii</i> (Gesneriaceae). <i>Plant Growth Regulation</i> , 2014, 72, 123-140.	1.8	6
79	Virus-induced Gene Silencing in <i>Streptocarpus rexii</i> (Gesneriaceae). <i>Molecular Biotechnology</i> , 2020, 62, 317-325.	1.3	6
80	New <i>Streptocarpus</i> species (Gesneriaceae) from South Africa. <i>Botanical Journal of the Linnean Society</i> , 2008, 158, 743-748.	0.8	5
81	Phytogeographic aspects of <i>Lysionotus pauciflorus</i> sensu lato (Gesneriaceae) in the China, Japan and Taiwan regions: phylogenetic and morphological relationships and taxonomic consequences. <i>Plant Systematics and Evolution</i> , 2011, 292, 177-188.	0.3	5
82	<i>Henckelia wijesundarae</i> (Gesneriaceae), a new endemic species from Sri Lanka, and lectotypification of <i>Chirita walkerae</i> and <i>C. walkerae</i> var. <i>parviflora</i> . <i>Willdenowia</i> , 2016, 46, 213-224.	0.5	5
83	Secondary contact, hybridization and polyploidization add to the biodiversity in the Hengduan Mountains, exemplified by the widespread <i>Corallodiscus lanuginosus</i> (Gesneriaceae). <i>Plant Systematics and Evolution</i> , 2017, 303, 587-602.	0.3	5
84	Gene duplication and relaxation from selective constraints of GCYC genes correlated with various floral symmetry patterns in Asiatic Gesneriaceae tribe Trichosporeae. <i>PLoS ONE</i> , 2019, 14, e0210054.	1.1	5
85	Extended expression of B-class MADS-box genes in the paleoherb <i>Asarum caudigerum</i> . <i>Planta</i> , 2010, 231, 265-76.	1.6	4
86	Developmental Genetics of the Perianthless Flowers and Bracts of a Paleoherb Species, <i>Saururus chinensis</i> . <i>PLoS ONE</i> , 2013, 8, e53019.	1.1	4
87	QTL dissection of floral traits in <i>Streptocarpus</i> (Gesneriaceae). <i>Euphytica</i> , 2020, 216, 1.	0.6	4
88	Sectional polyphyly and morphological homoplasy in Southeast Asian <i>Cyrtandra</i> (Gesneriaceae): consequences for the taxonomy of a mega-diverse genus. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.3	4
89	The first genome for the Cape Primrose <i>Streptocarpus rexii</i> (Gesneriaceae), a model plant for studying meristem-driven shoot diversity. <i>Plant Direct</i> , 2022, 6, e388.	0.8	4
90	(1948) Proposal to conserve <i>Paraboea</i> against <i>Phylloboea</i> and <i>Trisepalum</i> (Gesneriaceae). <i>Taxon</i> , 2010, 59, 1603-1603.	0.4	3

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91	Low genetic diversity in small leading edge populations of the European paleoendemic <i>Ramonda serbica</i> (Gesneriaceae) in Bulgaria. Nordic Journal of Botany, 2018, 36, njb-01655.	0.2	3
92	Taxonomic Notes on <i>Parnassia</i> Section <i>Saxifragastrum</i> (Parnassiaceae) from China. Annales Botanici Fennici, 2009, 46, 559-565.	0.0	2
93	The Living Collection at the Royal Botanic Garden Edinburgh Illustrates the Floral Diversity in <i>Streptocarpus</i> (Gesneriaceae). Sibbaldia the International Journal of Botanic Garden Horticulture, 2019, , 155-177.	0.1	2
94	The taxonomy and conservation of <i>Campanula primulifolia</i> (Campanulaceae), a critically endangered species in the Iberian Peninsula. Willdenowia, 2011, 41, 35-42.	0.5	1
95	<i>Glabrella leiophylla</i> (Gesneriaceae), a new combination for a former <i>Briggsia</i> species from Guizhou, China. Phytotaxa, 2015, 218, 193.	0.1	1
96	<i>Streptocarpus peltatus</i> (Gesneriaceae), a Distinctive New Species from Southeastern Madagascar. Novon, 2018, 26, 22-27.	0.3	1
97	<i>Boeica konchurangensis</i> sp. nov. (Gesneriaceae) from Gia Lai plateau, Vietnam. Nordic Journal of Botany, 2019, 37, .	0.2	1
98	(2809) Proposal to conserve the name <i>Tetraphyllum</i> Griff. ex C.B. Clarke (Gesneriaceae) against <i>Tetraphyllum</i> Hosius & Marck (published as fossil Magnoliophyta). Taxon, 2021, 70, 437-438.	0.4	1
99	One transfer to <i>Primulina</i> (Gesneriaceae) and amended descriptions for <i>P. crassifolia</i> and <i>P. quanbaensis</i> from northern Vietnam. Nordic Journal of Botany, 2022, 2022, .	0.2	1
100	Microsatellite markers developed for <i>Corallodiscus lanuginosus</i> (Gesneriaceae) and their cross-species transferability. American Journal of Botany, 2012, 99, e490-e492.	0.8	0
101	Rearranging Specimens on Herbarium Type Sheets of <i>Streptocarpus betsiliensis</i> Humbert (Gesneriaceae). Candollea, 2015, 70, 145.	0.1	0
102	Lectotypifications of four names in the family Gesneriaceae. Adansonia, 2022, 44, .	0.1	0