

Modularity and evolution of flower shape: the role of functional spandrels in *Erica*

New Phytologist

226, 267-280

DOI: [10.1111/nph.16337](https://doi.org/10.1111/nph.16337)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Automatic Identification of First-Order Veins and Corolla Contours in Three-Dimensional Floral Images. <i>Frontiers in Plant Science</i> , 2020, 11, 549699.	1.7	1
2	Functional morphological analyses of the delicate snap-traps of the aquatic carnivorous waterwheel plant (<i>Aldrovanda vesiculosa</i>) with 2D and 3D imaging techniques. <i>Annals of Botany</i> , 2020, 126, 1099-1107.	1.4	5
3	Flowers and inflorescences of eudicots. <i>Botanical Journal of the Linnean Society</i> , 2020, 193, 1-4.	0.8	4
4	Pollination syndromes in the 21 st century: where do we stand and where may we go?. <i>New Phytologist</i> , 2020, 228, 1193-1213.	3.5	107
5	Paucity of natural history data impedes phylogenetic analyses of pollinator-driven evolution. <i>New Phytologist</i> , 2021, 229, 1201-1205.	3.5	21
6	Nectar Uptake of a Long-Proboscis Fly (<i>Nemestrinidae</i>) Proboscis Morphology and Flower Shape. <i>Insects</i> , 2021, 12, 371.	1.0	3
8	Evidence for selectively constrained 3D flower shape evolution in a Late Miocene clade of Malagasy <i>Bulbophyllum</i> orchids. <i>New Phytologist</i> , 2021, 232, 853-867.	3.5	5
9	X-ray microscopy enables multiscale high-resolution 3D imaging of plant cells, tissues, and organs. <i>Plant Physiology</i> , 2022, 188, 831-845.	2.3	28
10	Judge it by its shape: a pollinator-blind approach reveals convergence in petal shape and infers pollination modes in the genus <i>Erythrina</i> . <i>American Journal of Botany</i> , 2021, 108, 1716-1730.	0.8	8
11	A shift in long-proboscis fly pollinators and floral tube length among populations of <i>Erica junonia</i> (Ericaceae). <i>South African Journal of Botany</i> , 2021, 142, 451-458.	1.2	6
13	Time to synchronize our clocks: Connecting developmental mechanisms and evolutionary consequences of heterochrony. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2022, 338, 87-106.	0.6	13
14	Modularity and selection of nectar traits in the evolution of the selfing syndrome in <i>Ipomoea lacunosa</i> (Convolvulaceae). <i>New Phytologist</i> , 2022, 233, 1505-1519.	3.5	8
15	The symmetry spectrum in a hybridising, tropical group of rhododendrons. <i>New Phytologist</i> , 2022, 234, 1491-1506.	3.5	3
16	Evolution of Reproductive Traits and Implications for Adaptation and Diversification in the Yam Genus <i>Dioscorea</i> L.. <i>Diversity</i> , 2022, 14, 349.	0.7	1
17	Hawkmoth pollination of the scented South African fynbos endemic <i>Erica cylindrica</i> Thunb. (Ericaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2022, 292, 152088.	0.6	2
18	Testing candidate genes linked to corolla shape variation of a pollinator shift in <i>Rhytidophyllum</i> (Gesneriaceae). <i>PLoS ONE</i> , 2022, 17, e0267540.	1.1	1
19	Phenotypic integration of pollination traits in a distylous species with high intra-individual floral variation. <i>Plant Systematics and Evolution</i> , 2022, 308, .	0.3	1
20	Mutualist- and antagonist-mediated selection contribute to trait diversification of flowers. <i>PeerJ</i> , 0, 10, e14107.	0.9	2

#	ARTICLE	IF	CITATIONS
21	Evidence for an evo-devo derived hypothesis on three-dimensional flower shape modularity in a tropical orchid clade. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 2587-2604.	1.1	2
22	Studying flowers in 3D using photogrammetry. <i>New Phytologist</i> , 2023, 237, 1922-1933.	3.5	7
23	Applications of Computed Tomography (CT) in environmental soil and plant sciences. <i>Soil and Tillage Research</i> , 2023, 226, 105574.	2.6	12
24	Evolvability and constraint in the evolution of three-dimensional flower morphology. <i>American Journal of Botany</i> , 2022, 109, 1906-1917.	0.8	7
26	Evolutionary history explains foliar spectral differences between arbuscular and ectomycorrhizal plant species. <i>New Phytologist</i> , 2023, 238, 2651-2667.	3.5	2
27	Pollinator Proboscis Length Plays a Key Role in Floral Integration of Honeysuckle Flowers (<i>Lonicera</i>)	1.6	2