

Publications in peer-reviewed journals (2008 – 2023)

- 2023 (6)
- 80 Peng HW, Xiang KL, Erst AS, Erst TV, **Jabbour F**, Ortiz RdC, Wang W (2023) The synergy of abiotic and biotic factors drove diversification of Fumarioideae (Papaveraceae) in the Cenozoic. *Molecular Phylogenetics and Evolution* 186: 107868.
- 79 Ling YY, Xiang KL, Peng HW, Erst AS, Lian L, Zhao L, **Jabbour F**, Wang W (2023) Biogeographic diversification of *Actaea* (Ranunculaceae): Insights into the historical assembly of deciduous broad-leaved forests in the Northern Hemisphere. *Molecular Phylogenetics and Evolution* 186: 107870.
- 78 Zhang J, Li XQ, Peng HW, Hai L, Erst AS, **Jabbour F**, Ortiz RdC, Xia FC, Soltis PS, Soltis DE, Wang W (2023) Evolutionary history of the Arctic flora. *Nature Communications* 14: 4021.
- 77 Jiao B, Chen C, Wei M, Niu G, Zheng J, Zhang G, Shen J, Vitales D, Vallès J, Verloove F, Erst AS, Soejima A, Mehregan I, Kokubugata G, Chung GY, Ge X, Gao L, Yuan Y, Joly C, **Jabbour F**, Wang W, Shultz L, Gao T (2023) Phylogenomics and morphological evolution of the mega-diverse genus *Artemisia* (Anthemideae, Asteraceae): Implications for its circumscription and infrageneric taxonomy. *Annals of Botany* 131: 867-883.
- 76 Peng HW, Xiang KL, Erst AS, Lian L, Ortiz RdC, **Jabbour F**, Chen ZD, Wang W (2023) A complete genus-level phylogeny reveals the Cretaceous biogeographic diversification of the poppy family. *Molecular Phylogenetics and Evolution* 181: 107712.
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- 2022 (12)
- 74 Damerval C, Claudot C, Le Guilloux M, Conde e Silva N, Brunaud V, Soubigou-Taconnat L, Caius J, Delannoy E, Nadot S, **Jabbour F**, Deveaux Y (2022) Evolutionary analyses and expression patterns of TCP family genes in Ranunculales. *Frontiers in Plant Science* 13:1055196.
- 73 Hai LS, Li XQ, Zhang JB, Xiang XG, Li RQ, **Jabbour J**, Ortiz RdC, Lu AM, Chen ZD, Wang W (2022) The dominant species from the oak family illuminate the historical assembly of East Asian subtropical evergreen broadleaved forests. *Journal of Integrative Plant Biology* 64: 2126-2134.
- 72 Tong RC, Gui CX, Zhang Y, Su N, Hou XQ, Liu M, Yang ZP, Chang ZY, **Jabbour F**, Zhao L (2022) Phylogenomics, plastome structure and species identification in *Mahonia* (Berberidaceae). *BMC Genomics* 23: 766.
- 71 Delpeuch P, **Jabbour F**, Damerval C, Schönenberger J, Pamperl S, Rome M, Nadot S (2022) A flat petal as ancestral state for Ranunculaceae. *Frontiers in Plant Sciences* 13: 961906.
- 70 Zalko J, Deroin T, Sarthou S, **Jabbour F** (2022) What's inside a papilionoid flower? II. Insights into the vascular anatomy of Faboideae. *International Journal of Plant Sciences* 183(8): 652-663.
- 69 Zalko J, Deroin T, Sarthou S, **Jabbour F** (2022) What's inside a papilionoid flower? I. Floral vascular anatomy in the New Caledonian endemic clade *Arthroclianthus-Nephrodesmus* (Fabaceae, Faboideae). *International Journal of Plant Sciences* 183(8): 639-651.
- 68 Li X-Q, Xiang X-G, **Jabbour F**, Hagen O, Ortiz RdC, Soltis PS, Soltis DE, Wang W (2022) Biotic colonization of subtropical East Asian caves through time. *Proceedings of the National Academy of Sciences of the United States of America* 119(34): e2207199119.
- 67 Bastide T, Nadot S, **Jabbour F** (2022) The four dimensions of terrestrial plants: reproduction, structure, evolution and ecology. Book review. *Botany Letters* 169(2): 302-304.
- 66 **Jabbour F**, Espinosa F, Dejonghe Q, Le Péchon T (2022) Development and evolution of unisexual flowers: A review. *Plants* 11: 155.
- 65 Li XQ, Xiang XG, Zhang Q, **Jabbour F**, Ortiz RdC, Erst AS, Li ZY, Wang W (2022) Immigration dynamics of tropical and subtropical Southeast Asian limestone karst floras. *Proceedings of the Royal Society B: Biological Sciences* 289: 20211308.
- 64 Zhang WG, Liu YG, Nie TJ, Guo CC, Qiu LH, Yang GY, **Jabbour F**, Wang W (2022) Floral ontogeny of *Delphinium anthriscifolium* (Ranunculaceae) and development of intrafloral and symmetrical resupinated organs. *Botanical Journal of the Linnean Society* 198: 86-98.
- 63 Nadot S, **Jabbour F** (2022) Editorial. *Botany Letters* 169(1): 1-2.
- 2021 (10)
- 62 Galipot P, Gerber S, Le Guilloux M, **Jabbour F**, Damerval C (2021) Micro- and macroscale petal morphogenesis in *Nigella damascena* (Ranunculaceae) revealed by geometric morphometrics and cellular analyses. *Frontiers in Plant Science* 12: 769246.
- 61 DuPasquier PE, Andro-Durand V, Batory L, Wang W, **Jabbour F** (2021) Nomenclatural revision of *Delphinium* subg. *Consolida* (DC.) Huth (Ranunculaceae). *Phytokeys* 180: 81-110.
- 60 Xiang KL, Erst AS, Yang J, Peng HW, Ortiz RdC, **Jabbour F**, Erst TV, Wang W (2021) Biogeographic diversification of *Eranthis* (Ranunculaceae) reflects the geological history of the three great Asian Plateaus. *Proceedings of the Royal Society B: Biological Sciences* 288: 20210281.
- 59 Galipot P, Damerval C, **Jabbour F** (2021) The seven ways eukaryotes produce repeated colour motifs on external tissues. *Biological Reviews* 96: 1676-1693.
- 58 Espinosa F, Deroin T, Malécot V, Wang W, Pinedo-Castro M, Nadot S, **Jabbour F** (2021) Historical note on the taxonomy of the genus *Delphinium* L. (Ranunculaceae) with an amended description. *Adansonia* 43(2): 9-18.
- 57 Zalko J, Frachon S, Morel A, Deroin T, Espinosa F, Xiang KL, Wang W, Zhang WG, Lang S, Dixon L, Pinedo-Castro M, **Jabbour F** (2021) Floral organogenesis and morphogenesis of *Staphisagria* (Ranunculaceae): Implications for the evolution of synorganized floral structures in Delphinieae. *International Journal of Plant Sciences* 182(1): 59-70.
- 56 Chartier M, von Balthazar M, Löfstrand S, **Jabbour F**, Sauquet H, Schönenberger J. (2021) Global patterns of flower disparity: perspectives from the angiosperm order Ericales. *New Phytologist* 230: 821-831.
- 55 **Jabbour F**, Du Pasquier PE, Chazalviel L, Le Guilloux M, Conde e Silva N, Deveaux Y, Manicacci D, Galipot P, Heiss A, Damerval C. (2021) Evolution of the distribution area of the Mediterranean species *Nigella damascena* L. (Ranunculaceae) in the last couple of centuries and a likely multiple molecular origin of its perianth dimorphism. *Flora* 274: 151735.

- 54 Espinosa F, Damerval C, Le Guilloux M, Deroin T, Wang W, Pinedo-Castro M, Nadot S, **Jabbour F** (2021) Homeosis and delayed floral meristem termination could account for abnormal flowers in *Delphinium* and *Aquilegia* (Ranunculaceae) cultivars. *Botanical Journal of the Linnean Society* 195: 485-500.
- 53 Nadot S, **Jabbour F** (2021) Editorial. *Botany Letters* 168(1): 1-2.
- 2020 (5) 52 Semple JC, Durand-Andro V, Flament G, Aupic C, **Jabbour F** (2020) Typification of *Solidago retrorsa* Michx. (Asteraceae: Astereae). *Phytoneuron* 69: 1-8.
- 51 Carrive L, Domenech B, Sauquet H, **Jabbour F**, Damerval C, Nadot S (2020) Insights into the ancestral flowers of Ranunculales. *Botanical Journal of the Linnean Society* 194: 23-46.
- 50 Lian L, Ortiz RdC, **Jabbour F**, Zhang CF, Xiang XG, Erst AS, Gao TG, Chen ZD, Wang W (2020) Phylogeny and biogeography of Pachygoneae (Menispermaceae), with consideration of the “boreotropical flora” hypothesis and resurrection of the genera *Cebatha* and *Nephroia*. *Molecular Phylogenetics and Evolution* 148: 106825.
- 49 Wang W, Xiang XG, Xiang KL, Ortiz RdC, **Jabbour F**, Chen, ZD (2020) A dated phylogeny of Lardizabalaceae reveals an unusual long-distance dispersal across the Pacific Ocean and the rapid rise of East Asian subtropical evergreen broadleaved forests in the late Miocene. *Cladistics* 36: 447-457.
- 48 Nadot S, **Jabbour F** (2020) Editorial. *Botany Letters* 167(1): 1.
- 2019 (3) 47 Xiang X, Xiang K, Ortiz RdC, **Jabbour F**, Wang W (2019) Integrating palaeontological and molecular data uncovers multiple ancient and recent dispersals in the pantropical Hamamelidaceae. *Journal of Biogeography* 46: 2622-2631.
- 46 Lian L, Ortiz RdC, **Jabbour F**, Chen ZD, Wang W (2019) Re-delimitation of *Tinospora* Miers (Menispermaceae): implications for character evolution and historical biogeography. *Taxon* 68(5): 905-917.
- 45 Semple JC, **Jabbour F** (2019) Type specimens of *Inula* (*Pityopsis*) *graminifolia* (Asteraceae: Astereae). *Phytoneuron* 22: 1-9.
- 2018 (8) 44 Niu YT, **Jabbour F**, Barrett RL, Ye JF, Zhang ZZ, Lu KG, Lu LM, Chen ZD (2018) Combining complete chloroplast genome sequences with target loci data and morphology to resolve species limits in *Triplostegia* (Caprifoliaceae). *Molecular Phylogenetics and Evolution* 129: 15-26.
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- 42 Xiang KL, Erst AS, Xiang XG, **Jabbour F**, Wang W (2018) Biogeography of *Coptis* Salisb. (Ranunculales, Ranunculaceae, Coptidoideae), an Eastern Asian and North American genus. *BMC Evolutionary Biology* 18: 74.
- 41 Bean AR, **Jabbour F** (2018) The typification of *Lagenophora sundana* Miq. (Asteraceae). *Adansonia* 40(2): 43-45.
- 40 Reeb C, Kaandorp J, Jansson F, Puillandre N, Dubuisson JY, Cornette R, **Jabbour F**, Coudert Y, Patiño J, Flot JF, Vanderpoorten A (2018) Quantification of complex modular architecture in plants. *New Phytologist* 218(2): 859-872.
- 39 Chen Y, Novikoff A, **Jabbour F**, Gerber S (2018) Analysis of floral shape diversity in the tribe Delphinieae (Ranunculaceae) using geometric morphometrics on herbarium specimens. *Botany Letters* 165(3-4): 368-376.
- 38 Damerval C, Manicacci D, Ben Othman W, **Jabbour F** (2018) Evolution of the distribution area of the two floral morphs of *Nigella damascena* (Ranunculaceae): A diachronic study using herbarium specimens collected in France. *Botany Letters* 165(3-4): 396-403.
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- 2017 (11) 36 **Jabbour F** (2017) A study of the anatomy and physiology of nectaries: A translation of Gaston Bonnier’s seminal work (1878, Bulletin de la Société Botanique de France). *Botany Letters* 164: 293-302.
- 35 Dary C, Bun SS, Kim S, Mabrouki F, Hul S, **Jabbour F**, Baghdikian, Ollivier O (2017) Optimization of ultrasound assisted extraction of bioactive alkaloids from *Stephania cambodica* using response surface methodology. *Comptes Rendus Chimie* 20: 996-1005.
- 34 Sauquet H, von Balthazar M, Magallón S, Doyle JA, Endress PK, Bailes E, Barroso de Morais E, Bull-Hereñu K, Carrive L, Chartier M, Chomicki G, Coiro M, El Ottra JHL, Epicoco C, Foster C, **Jabbour F**, Haevermans A, Haevermans T, Hernández R, Little SA, Löfstrand S, Luna JA, Massoni J, Nadot S, Prieu C, Reyes E, dos Santos P, Schoonderwoerd K, Soulebeau A, Städler Y, Tschan G, Wing-Sze Leung A, Schönenberger J (2017) The reconstructed ancestral flower and its subsequent diversification. *Nature Communications* 8: 16047.
- 33 Espinosa F, Deroin T, Xiang KL, Wang W, Pinedo Castro M, Byng JW, Aytaç Z, Nadot S, **Jabbour F** (2017) The Turkish endemic *Pseudodelphinium turcicum* (Ranunculaceae): an unusual population of *Delphinium* with peloric flowers that has persisted in the wild for 20 years. *International Journal of Plant Sciences* 178(7): 546-555.
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- 30 Chartier M, Löfstrand S, von Balthazar M, Gerber S, **Jabbour F**, Sauquet H, Crane PR, Schönenberger J (2017) How (much) do flowers vary? – Unbalanced disparity among flower functional modules and a mosaic pattern of morphospace occupation. *Proceedings of the Royal Society B: Biological Sciences* 284: 20170066.
- 29 Hul S, Dary C, Jacques F, Ollivier E, Bun SS, Cheng SK, Kim S, Peou Y, **Jabbour F** (2017) The world checklist of *Stephania* (Menispermaceae), with notes on types. *Phytotaxa* 298(2): 101-118.
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- 24 Xiang KL, Wu SD, Yu SX, Liu Y, **Jabbour F**, Erst AS, Zhao L, Wang W, Chen ZD (2016) The first comprehensive phylogeny of *Coptis* (Ranunculaceae) and its implications for character evolution and classification. *PLoS ONE* 11(4): e0153127.
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