

Publications (Klaus Mummenhoff)

(2017-2018)

Arshad W, Sperber K, Steinbrecher T, Nichols B, Jansen VA, Leubner-Metzger G, Mummenhoff K (2018) Dispersal biophysics and adaptive significance of dimorphic diaspores in the annual *Aethionema arabicum* (Brassicaceae). **New Phytologist** (accepted for publication)

Bhattacharya S, Mayland-Quellhorst S, Müller C, Mummenhoff K. (2018) Two-tier morphochemical defense tactic in *Aethionema* via fruit-morph plasticity and glucosinolates allocation in diaspores. **Plant, Cell & Environment** (accepted for publication)

Özüdoğru B, Özgişi K, Tarikahya-Hacıoğlu B, Ocak A, Mummenhoff K, Al-Shehbaz I (2018) Phylogeny of the genus *Noccaea* Moench (Brassicaceae) and a critical review of its generic circumscription. **Taxon** (accepted for publication pending revision)

Mandáková T, Guo X, Özüdoğru B, Mummenhoff K, Lysak M (2018) Hybridization-facilitated genome merger and repeated chromosome fusion after eight million years. The **Plant Journal** doi: 10.1111/tpj.14065

Farouji A, Khodayari H, Assadi M, Özüdoğru B, Cetim Ö, Mummenhoff K, Bhattacharya S (2018) Numerical taxonomy contributes to delimitation of Iranian and Turkish *Hesperis* L. (Brassicaceae) species. **Phytotaxa** 367: 101–119

Hoffmeier A, Gramzow L, Bhide AS, Kottenhagen N, Greifenstein A, Schubert O, Mummenhoff K, Becker A, Theißen G (2018) A dead gene walking: convergent degeneration of a clade of MADS-box genes in crucifers, **Molecular Biology and Evolution**: msy142, <https://doi.org/10.1093/molbev/msy142>

Esmailbegi S, Al-Shehbaz IA, Pouch M, Mandáková T, Mummenhoff K, Rahiminejad MR, Mirtadzadini M, Lysak MA (2018) Phylogeny and systematics of the tribe Thlaspideae (Brassicaceae) and the recognition of two new genera. **Taxon** 67: 324–340

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Kermani SE, Lysak MA, Rahiminejad MR, Mirtadzadini M, Mummenhoff K, Al-Shehbaz IA (2017) A taxonomic revision of the genus *Graellsia* (Brassicaceae, tribe Thlaspideae). **Phytotaxa** 313:105–116, <https://doi.org/10.11646/phytotaxa31317>

Kermani SE, Lysak MA, Rahiminejad MR, Mirtadzadini M, Mummenhoff K, Al-Shehbaz IA (2017) A taxonomic revision of the genus *Pseudocamelina* (Brassicaceae, tribe Thlaspideae). **Phytotaxa** 313: 117–129, <https://doi.org/10.11646/phytotaxa31318>

Mohammadin S, Peterse K van de Kerke, SJ Chatrou LW, Dönmez AA, Mummenhoff K, Pires JC, Edger PP, Al-Shehbaz IA, Schranz ME (2017) Anatolian origins and diversification of *Aethionema*, the sister lineage of the core Brassicaceae. **American Journal of Botany** 104: 1042 – 1054, <https://doi.org/10.3732/ajb1700091>

Schrader J, Unsicker SB, Bhattacharya S, Mummenhoff K (2017) Growth form rather than phylogenetic relationship predicts broad volatile emission patterns in the Brassicaceae. **Plant Systematics and Evolution** 303: 653–662 DOI101007/s00606-017-1397-8

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