

Publications

Bender, I. M. A., W. D. Kissling, P. G. Blendinger, K. Böhning-Gaese, I. Hensen, I. Kühn, M. C. Munoz, **E. L. Neuschulz**, L. Nowak, M. Quitián, F. Saavedra, S. Santillán, T. Töpfer, T. Wiegand, D. M. Dehling & M. Schleuning (2018) Morphological trait matching shapes plant-frugivore networks across the Andes, *Ecography* (accepted)

Merges, D., M. Bálint, I. Schmitt, K. Böhning-Gaese & **E. L. Neuschulz** (2018) Spatial patterns of mutualistic and pathogenic fungi across the elevational range of a host plant, *Journal of Ecology*, DOI: 10.1111/1365-2745.12942

Quitíán, M., V. Santillán, C. I. Espinosa, J. Homeier, K. Böhning-Gaese, M. Schleuning & **E. L. Neuschulz** (2017) Elevation-dependent effects of forest fragmentation on plant-bird interaction networks in the tropical Andes, *Ecography*, 40:1-10

Munoz Neyra, M. C., H. M. Schaefer, K. Böhning-Gaese, **E. L. Neuschulz** & M. Schleuning (2017) Phylogenetic and functional diversity of fleshy-fruited plants are positively associated with seedling diversity in a tropical montane forest. *Frontiers in Ecology and Evolution* 5: 93, <https://doi.org/10.3389/fevo.2017.00093>

Saavedra, F., I. Hensen, A. Apaza Quevedo, **E. L. Neuschulz** & M. Schleuning (2017) Seed-deposition and recruitment patterns of *Clusia* species in a disturbed tropical montane forest in Bolivia. *Acta Oecologica* 85:85-92

Neuschulz, E. L., D. Merges, K. Bollmann, F. Gugerli & K. Böhning-Gaese (2017) Biotic interactions and seed deposition rather than abiotic factors determine recruitment at elevational range limits of an alpine tree. *Journal of Ecology*, doi: 10.1111/1365-2745.12818

Hudson, L. N., Newbold, T., ... **E. L. Neuschulz**, ... & A. Purvis (2017) The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. *Ecology and Evolution* 7: 145-188

Neuschulz, E. L., T. Mueller, M. Schleuning & K. Böhning-Gaese (2016) Pollination and seed dispersal are the most threatened processes of plant regeneration. *Scientific Reports* 6: 29839, doi:10.1038/srep29839

Neuschulz, E. L., T. Mueller, K. Bollmann, F. Gugerli & K. Böhning-Gaese (2015) Seed perishability determines the caching behavior of a food-hoarding bird. *Journal of Animal Ecology* 84:71-78

Grass, I., R. Brandl, A. Botzat, **E. L. Neuschulz** & N. Farwig (2015) Contrasting taxonomic and phylogenetic diversity responses to forest modifications: comparisons of taxa and successive plant life stages in South African scarp forest. *PLOS ONE* doi:10.1371/journal.pone.0118722

Hudson, L. N., Newbold, T., ... **E. L. Neuschulz**, ... & A. Purvis (2014) The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. *Ecology and Evolution* 4:4701-4735

Plein M., L. Längsfeld, **E. L. Neuschulz**, C. Schultheiß, L. Ingmann, T. Töpfer, K. Böhning-Gaese, & M. Schleuning (2013) Constant properties of plant-frugivore networks despite fluctuations in fruit and bird communities in space and time. *Ecology* 94:1296-1306

Neuschulz E. L., M. Brown & N. Farwig (2013) Frequent bird movement activity across a highly fragmented landscape: the role of species traits and forest matrix. *Animal Conservation* 16:170-179

Mulwa R. K., **E. L. Neuschulz**, K. Böhning-Gaese & M. Schleuning (2013) Seasonal fluctuations of resource abundance and avian feeding guilds across habitat boundaries in tropical Africa. *Oikos* 122:524-532

Neuschulz E. L., I. Grass, A. Botzat, S. D. Johnson & N. Farwig (2013) Persistence of flower visitors and pollination services of a generalist tree in modified forests. *Austral Ecology* 38:374-382

Albrecht J., **E. L. Neuschulz** & N. Farwig (2012) Impact of habitat structure and fruit abundance on avian seed dispersal and fruit predation. *Basic and Applied Ecology* 13: 347-354

Neuschulz E. L., A. Botzat & N. Farwig (2011) Effects of forest modification on bird community composition and seed removal in a heterogeneous landscape in South Africa. *Oikos* 120:1371-1379

Non-peer review articles

Neuschulz, E. L., Quitián, M., Santillán, V., Schleuning, M. & Böhning-Gaese, K. (2017) Development and validation of functional indicators for avian seed dispersal. In: Landscape restoration, sustainable use and cross-scale monitoring of biodiversity and ecosystem functions. Beck, E., Knoke, T., Breuer, L., Siddons, D. & Bendix, J. (eds.) University of Marburg, Germany.

Närman, F., Küfmann, C. & **E. L. Neuschulz** (2017) Präferenzen des Tannenhähers *Nucifraga caryocatactes* beim Anlegen von Samenverstecken. *Ornithologischer Anzeiger* 55, 89-98

Neuschulz, E. L. (2016) Plant-animal interactions in tropical mountain forest. In: Biodiversity Hotspot – Tropical mountain rainforest. Bogner, F. X., Bendix, J. & Beck, E.(eds.) Naturaleza y Cultura Internacional, Loja, Ecuador

Schleuning, M., T. Müller & **E. L. Neuschulz** (2015) Tiere pflanzen den Wald von morgen. *Senckenberg Jahresberichte* 2013-2014
