

Ausgewählte Publikationen

Peer-reviewed

- Sutter, L. & **Albrecht, M.** (2016) Synergistic interactions of ecosystem services: pests control boosts yield increase through insect pollination in oilseed rape. *Proceedings of the Royal Society B* 283: 20152529. DOI: 10.1098/rspb.2015.2529.
- De Palma, A., Abrahamczyk, S., Aizen, M.A., **Albrecht, M.**, Basset, Y., Bates, A., ... & Purvis, A. (2016). Predicting bee community responses to land-use changes: Effects of geographic and taxonomic biases. *Scientific Reports* 6: 31153. DOI: 10.1038/srep31153.
- Tschumi, M., **Albrecht, M.**, Collatz, J., Dubsy, V., Entling, M.H., Najar-Rodriguez, A.J. & Jacot, K. (2016) Tailored flower strips promote natural enemy biodiversity and pest control in potato crops. *Journal of Applied Ecology* 53(4): 1169-1176.
- Tschumi, M., **Albrecht, M.**, Bärtschi, C., Collatz, J., Entling, M. H., & Jacot, K. (2016). Perennial, species-rich wildflower strips enhance pest control and crop yield. *Agriculture, Ecosystems & Environment* 220: 97-103.
- Tschumi, M., **Albrecht, M.**, Entling, M.H. & Jacot, K. (2015) High effectiveness of tailored flower strips in reducing pests and crop plant damage. *Proceedings of the Royal Society B* 282: 20151369. <http://dx.doi.org/10.1098/rspb.2015.1369>
- Albrecht, M.**, Ramis, M.R. & Traveset, A. (2015) Pollinator-mediated impacts of alien invasive plants on the pollination of native plants: the role of spatial scale and distinct behaviour among pollinator guilds. *Biological Invasions* 18(7): 1801-1812.
- Albrecht, M.**, Padrón, B., Bartomeus, I. & Traveset, A. (2014) Consequences of plant invasions on compartmentalization and species' roles in plant–pollinator networks. *Proceedings of the Royal Society B* 281: 20140773.
- Coudrain, V., Schüepp, C., Herzog, F., **Albrecht, M.** & Entling, M.H. (2014) Habitat amount modulates the effect of patch isolation on host-parasitoid interactions. *Frontiers in Environmental Science* 2: 1-8.
- Tschumi, M., **Albrecht, M.**, Entling, M. & Jacot, K. (2014) Targeted flower strips effectively promote natural enemies of aphids. *IOBC-WPRS Bulletin* 100: 131-135.
- Hodel, M., Schuetz, M., Vandegehuchte, M.L., Frey, B., **Albrecht, M.**, Busse, M.D. & Risch, A. (2014) Does the aboveground herbivore assemblage influence soil bacterial community composition and richness in subalpine grasslands? *Microbial Ecology* 68: 584-595.
- Waibel, A., Griffiths, C.J., Zuel, N., Schmid, B. & **Albrecht, M.** (2013) Does a giant tortoise taxon substitute enhance seed germination of exotic fleshy-fruited plants? *Journal of Plant Ecology* 6: 57-63.
- Khan, Z., **Albrecht, M.**, Traveset, A. (2013) Salt application as an effective measure to control ruderal invaders threatening endangered halophytic plant species. *Applied Vegetation Science* 16: 448-456.
- Albrecht, M.**, Schmid, B., Hautier, Y. & Müller, C.B. (2012) Diverse pollinator communities enhance plant reproductive success. *Proceedings of the Royal Society B* 279: 4845-4852.
- Castro-Urgal, R., Tur, C., **Albrecht, M.**, & Traveset, A. (2012) How different link weights affect the structure of quantitative flower–visitation networks. *Basic and Applied Ecology* 13: 500-508.
- Schleuning, M., Fründ, J., Klein, A.-M., Abrahamczyk, S., Alarcón, R., **Albrecht, M.**, Andersson, G.K.S., Bazarian, S., **Böhning-Gaese, K.**, Bommarco, R., Dalsgaard, B., Dehling, D.M., Gotlieb, A., Hagen, M., Hickler, T., Holzschuh, A., Kaiser-Bunbury, C.N.,

- Kreft, H., Morris, R.J., Sandel, B., Sutherland, W.J., Svenning, J.-C., Tschardtke, T., Watts, S., Weiner, C.N., Werner, M., Williams, N.M., Winqvist, C., Dormann, C.F. & Blüthgen, N. (2012) Specialization of mutualistic interaction networks decreases towards tropical latitudes. *Current Biology* 22: 1925-1931.
- Sedlacek J., Schmid B., Matthies D., **Albrecht M.** (2012) Inbreeding Depression under Drought Stress in the Rare Endemic *Echium wildpretii* (Boraginaceae) on Tenerife, Canary Islands. *PLoS ONE* 7: e47415. doi:10.1371/journal.pone.0047415.
- Zuël, N., Griffiths, C.J., Hector, A., Hansen, D.M., Jones, C.G. & **Albrecht, M.** (2012) Ingestion by an endemic frugivore enhances seed germination of endemic plant species but decreases seedling survival of exotics. *Journal of Biogeography* 39: 2021-2030.
- Albrecht, M.**, Schmid, B., Obrist, M.K., Schüpbach, B., Kleijn, D. & Duelli, P. (2010) Effects of ecological compensation meadows on arthropod diversity in adjacent intensively managed grassland. *Biological Conservation* 143: 642-649.
- Albrecht, M.**, Riesen, M. and Schmid, B. (2010), Plant–pollinator network assembly along the chronosequence of a glacier foreland. *Oikos* 119: 1610-1624.
- Albrecht, M.**, Duelli, P., Obrist, M.K., Kleijn, D. & Schmid, B. (2009) Effective long-distance pollen dispersal in *Centaurea jacea*. *PLoS ONE* 4: e6751. doi:10.1371/journal.pone.0006751.
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Publikationen und Berichte für Stakeholder, Politik und Praxis

- Tschumi, **M.**, **Albrecht, M.**, Dubsy, V., Herzog, F. & Jacot, K. (2016) Nützlingsblühstreifen für den Ackerbau reduzieren Schädlinge in Kulturen. *Agrarforschung Schweiz* 7: 260-267.
- Benz, R., Jucker, P., **Albrecht, M.**, Charrière, J.-D., Herzog, F., Jacot, K., Tschumi, M., Luka, H., Pfiffner, L., Ramseier, H., Knauer, K., Steinmann, P., Tschumi, E., Silvestri, G (2016) Biodiversitätsförderfläche BFF Blühstreifen für Bestäuber und andere Nützlinge: Eine wertvolle Nahrungsquelle im Ackerbau. Merkblatt Agridea,
- Gallmann, P., Charrière, J.-D., Dietemann, V., **Albrecht, M.**, Knauer, K., Neumann, P., Ritter, R., Sieber, R., Di Labio, E., Cropt, A., Müller, A., Cordillot, F. (2014) Expertenbericht – Vorschläge für Massnahmen zur Förderung der Gesundheit der Bienen.
- Herzog, F., **Albrecht, M.**, Walter, T., Dietemann, V., Charrière, J.-D. (2014) Bestäuber, Bestäubung, CH-Imker, Biodiversität. Bericht für Prof. Dr. Michael Gysi und Dr. Eva Reinhard.
- Moretti, M. & **Albrecht, M.** (2013) Funktionale Aspekte von Biodiversität: warum messen und wie? *Hotspot* 28: 15.