

Personal information

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Citation scores (GoogleScholar, January 2020)

Peer-reviewed publications: 35

Total citations: 801

H-index: 16

i10-index: 18

List of publications (sorted by year), published or accepted for publication

1. Marjakangas, E.-L., Muñoz, G., Turney, S., **Albrecht, J.**, Neuschulz, E.-L., Schleuning, M. & Lessard, J.-P. (2021) Trait-based inference of ecological network assembly: a conceptual framework and methodological toolbox. *Ecological Monographs*. <https://doi.org/10.1002/ECM.1502>
2. Vogeler, A.-V. B., Otte, I., Ferger, S. W., Helbig-Bonitz, M., Hemp, A., Nauss, T., Böhning-Gaese, K., Schleuning, M., Tschapka, M. & **Albrecht, J.** (2021) Associations of bird and bat species richness with temperature and remote sensing-based vegetation structure on a tropical mountain. *Biotropica* 54:135-145. <https://doi.org/10.1111/btp.13037> (Chapter of PhD thesis, co-supervision with Prof. Dr. Marco Tschapka)
3. García-Rodríguez, A., **Albrecht, J.**, Farwig, N., Frydryszak, D., Parres, A., Schabo, D. G. & Selva, N. (2021) Functional complementarity of seed dispersal services provided by birds and mammals in an alpine ecosystem. *Journal of Ecology* 110:232-247. <https://doi.org/10.1111/1365-2745.13799> (Chapter of PhD thesis, co-supervision with Dr. Nuria Selva)
4. Grass, I., **Albrecht, J.**, Farwig, N. & Jauker, F. (2021) Plant traits and landscape simplification drive intraspecific trait diversity of *Bombus terrestris* in wildflower plantings. *Basic and Applied Ecology* 57:91-101. <https://doi.org/10.1016/j.baae.2021.10.002>
5. García-Rodríguez, A., Selva, N., Zwijacz-Kociza, T., **Albrecht, J.**, Lionnet, C., Rioux, D., Taberlet, P. & De Barba, M. (2021) The bear-berry connection: ecological and management implications of brown bears' foods habits in a highly touristic protected area. *Conservation Biology* 264:109376. <https://doi.org/10.1016/j.biocon.2021.109376>
6. **Albrecht, J.**, Peters, M. K., Becker, J. N., Behler, C., Classen, A., Ensslin, A., Ferger, S. W., Gebert, F., Gerschlauer, F., Helbig-Bonitz, M., Kindeketa, W. J., Kühnel, A., Mayr, A. V., Njovu, H. K., Pommer, U., Röder, J., Rutten, G., Schellenberger Costa, D., Sierra-Cornejo, N., Vogeler, A., Vollstädt, M. G. R., Dulle, H. I., Eardley, C. D., Howell, K. M., Keller, A., Peters, R. S., Kakengi, V., Hemp, C., Zhang, J., Manning, P., Mueller, T., Bogner, C., Kleyer, M., Leuschner, C., Kuzyakov, Y., Nauss, T., Tschapka, M., Fischer, M., Hemp, A., Steffan-Dewenter, I. & Schleuning, M. (2021) Species richness is more

- important than species turnover for ecosystem functioning along an elevational gradient. **Nature Ecology & Evolution** 5:1582-1593. <https://doi.org/10.1038/s41559-021-01550-9>
7. Huang, S., Tucker, M. A., Hertel, A. G., Eyres, A. & **Albrecht, J.** (2021) Scale-dependent effects of niche specialization: The disconnect between individual and species ranges. **Ecology Letters** 24:1408-1419. <https://doi.org/10.1111/ele.13759>
 8. Byamungu, R. M., Schleuning, M., Ferger, S. W., Helbig-Bonitz, M., Hemp, A., Neu, A., Vogeler, A., Böhning-Gaese, K., Tschapka, M. & **Albrecht, J.** (2021) Abiotic and biotic drivers of functional diversity and functional composition of bird and bat assemblages along a tropical elevation gradient. **Diversity & Distributions** 27:2344-2356. <https://doi.org/10.1111/ddi.13403>
 9. González-Varo, J.P., Rumeu, B., **Albrecht, J.**, Arroyo, J. M., Bueno, R. S., Burgos, T., da Silva, L. P., Escribano-Ávila, G., Farwig, N., García, D., Heleno, R. H., Illera, J. C., Jordano, P., Kurek, P., Simmons, B. I., Virgós, E., Sutherland, W. J. & Traveset, A. (2021) Limited potential for bird migration to disperse plants to cooler latitudes. **Nature** 595:75-79. <https://doi.org/10.1038/s41586-021-03665-2>
 10. García-Rodríguez, A., **Albrecht, J.**, Szczutkowska, S., Valido, A., Farwig, N., & Selva, N. (2021) The role of the brown bear *Ursus arctos* as a legitimate megafaunal seed disperser. **Scientific Reports** 11:1282. <https://doi.org/10.1038/s41598-020-80440-9> (Chapter of PhD thesis, co-supervision with Dr. Nuria Selva)
 11. Rehling, F., Jaroszewicz, B., Braasch, L. V., **Albrecht, J.**, Jordano, P., Schlautmann, J., Farwig, N. & Schabo, D. G. Within-species trait variation can lead to size limitations in seed dispersal of small-fruited plants. **Frontiers in Ecology & Evolution** 9:526. <https://doi.org/10.3389/fevo.2021.698885>
 12. Schlautmann, J., Rehling, F., **Albrecht, J.**, Jaroszewicz, B., Schabo, D.G. & Farwig, N. (2021) Observing frugivores or collecting scats: a method comparison to construct quantitative seed dispersal networks. **Oikos** 130:1359-1369. <https://doi.org/10.1111/oik.08175>

2020

13. Schleuning, M., Neuschulz, E., **Albrecht, J.**, Bender, I. M. A., Bowler, D. E., Dehling, D. M., Fritz, S. A., Hof, C., Mueller, T., Nowak, L., Sorensen, M. C., Böhning-Gaese, K. & Kissling, W. D. (2020) Trait-based assessments of climate-change impacts on interacting species. **Trends in Ecology & Evolution** 35:319-328. <https://doi.org/10.1016/j.tree.2019.12.010>
14. Heuck, C., Herrmann, C., Wendt, J., Krone, O., Brandl, R. & **Albrecht, J.** (2020) Sex- but not age-biased wind turbine collision mortality in the White-tailed Eagle *Haliaeetus albicilla*. **Journal of Ornithology** 161:753-757. <https://doi.org/10.1007/s10336-020-01757-w> (Chapter of PhD thesis, co-supervision with Prof. Dr. Roland Brandl)
15. Vollstädt, M. G. R., **Albrecht, J.**, Böhning-Gaese, K., Hemp, A., Howell, K. M., Kettering, L., Neu, A., Neuschulz, E. L., Quitián, M., Santillán, V. E., Töpfer, T., Schleuning, M. & Fritz S. A. (2020) Direct and plant-mediated effects of climate on bird diversity in tropical mountains. **Ecology & Evolution** 10:14196-14208. <https://doi.org/10.1002/ece3.7014>
16. Merges, D., **Albrecht, J.**, Böhning-Gaese, K., Schleuning, M. & Neuschulz, E. L. (2020) Environmental context determines the limiting demographic processes for plant recruitment across a species' elevational range. **Scientific Reports** 10:10855. <https://doi.org/10.1038/s41598-020-67602-5>

17. Arbieu, U., **Albrecht, J.**, Mehring, M., Bunnefeld, N., Reinhardt, I. & Mueller, T. (2020) The positive experience of encountering wolves in the wild. **Conservation Science & Practice** 2:e184. <https://doi.org/10.1111/csp2.184>

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18. Heuck, C., Herrmann, C., Levers, C., Leitão, P. J., Krone, O., Brandl, R. & **Albrecht, J.** (2019) Wind turbines in high quality habitat cause disproportionate increases in collision mortality of the white-tailed eagle. **Biological Conservation** 236:44-51. <https://doi.org/10.1016/j.biocon.2019.05.018> (Chapter of PhD thesis, co-supervision with Prof. Dr. Roland Brandl)
19. Bautista, C., Revilla, E., Naves, J., **Albrecht, J.**, Fernández, N., Olszańska, A., Adamec, M., Berezowska-Cnota, T., Ciucci, P., Groff, C., Härkönen, S., Huber, D., Jerina, K., Jonozovič, M., Karamanlidis, A. A., Palazón, S., Quenette, P.-Y., Rigg, R., Seijas, J., Swenson, J. E., Talvi, T. & Selva, N. (2019) Large carnivore damage in Europe: Analysis of compensation and prevention programs. **Biological Conservation** 235:308-316. <https://doi.org/10.1016/j.biocon.2019.04.019>

2018

20. **Albrecht, J.**, Classen, A., Vollstädt, M. G. R., Mayr, A., Mollel, N. P., Schellenberger Costa, D., Dulle, H. I., Fischer, M., Hemp, A., Howell, K., Kleyer, M., Nauss, T., Peters, M. K., Tschapka, M., Steffan-Dewenter, I., Böhning-Gaese, K. & Schleuning, M. (2018) Plant and animal functional diversity drive mutualistic network assembly across an elevational gradient. **Nature Communications** 9:3177. <https://doi.org/10.1038/s41467-018-05610-w> (part of Focus collection related to Alexander von Humboldt Anniversary in **Nature Ecology & Evolution**)
21. **Albrecht, J.**, Hagge, J., Schabo, D. G., Schaefer, H. M. & Farwig, N. (2018) Reward regulation in plant–frugivore networks requires only weak cues. **Nature Communications** 9:4838. <https://doi.org/10.1038/s41467-018-07362-z>
22. Simmons, B. I., Sutherland, W. J., Dicks, L. V., **Albrecht, J.**, Farwig, N., García, D., Jordano, P. & González-Varo, J. P. (2018) Moving from frugivory to seed dispersal: Incorporating the functional outcomes of interactions in plant–frugivore networks. **Journal of Animal Ecology** 87: 995-1007. <https://doi.org/10.1111/1365-2656.12831>

2017

23. **Albrecht, J.**, Bartoń, K. A., Selva, N., Sommer, R. S., Swenson, J. E. & Bischof, R. (2017) Humans and climate change drove the Holocene decline of the brown bear. **Scientific Reports** 7:10399. <https://doi.org/10.1038/s41598-017-10772-6>
24. Heuck, C., Herrmann, C., Schabo, D. G., Brandl, R. & **Albrecht, J.** (2017) Density-dependent effects on reproductive performance in a recovering population of White-tailed Eagles *Haliaeetus albicilla*. **Ibis** 159:297-310. <https://doi.org/10.1111/ibi.12444> (Chapter of PhD thesis, co-supervision with Prof. Dr. Roland Brandl)
25. Farwig, N., Schabo, D. G. & **Albrecht, J.** (2017) Trait-associated loss of frugivores in fragmented forest does not affect seed removal rates. **Journal of Ecology** 105: 20-28. <https://doi.org/10.1111/1365-2745.12669> (Special Issue: Dispersal processes driving plant movement: range shifts in a changing world)
26. Bautista, C., Naves, J., Revilla, E., Fernández, N., **Albrecht, J.**, Scharf, A.K., Rigg, R., Karamanlidis, A.A., Jerina, K., Huber, D., Palazón, S., Kont, R., Ciucci, P., Groff, C., Dutsov, A., Seijas, J., Quenette, P.-I., Olszańska, A., Shkvyria, M., Adamec, M., Ozolins,

J., Jonozovič, M. & Selva, N. (2017) Patterns and correlates of claims for brown bear damage on a continental scale. *Journal of Applied Ecology* 54: 282-292.
<https://doi.org/10.1111/1365-2664.12708>

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27. Schleuning, M., Fründ, J., Schweiger, O., Welk, E., **Albrecht, J.**, Albrecht, M., Beil, M., Benadi, G., Blüthgen, N., Bruelheide, H., Böhning-Gaese, K., Dehling, M., Dormann, C. F., Exeler, N., Farwig, N., Harpke, A., Hickler, T., Kratochwil, A., Kuhlmann, M., Kühn, I., Michez, D., Mudri-Stojnić, S., Plein, M., Rasmont, P., Schwabe, A., Settele, J., Vujić, A., Weiner, C. N., Wiemers, M. & Hof, C. (2016) Ecological networks are more sensitive to plant than to animal extinction under climate change. *Nature Communications* 7:13965.
<https://doi.org/10.1038/ncomms13965>
28. Grass, I., **Albrecht, J.**, Jauker, F., Diekötter, T., Warzecha, D., Wolters V. & Farwig, N. (2016) Much more than bees—Wildflower plantings support highly diverse flower-visitor communities from complex to structurally simple agricultural landscapes. *Agriculture, Ecosystems & Environment* 225:45-53 <https://doi.org/10.1016/j.agee.2016.04.001>
29. Tiede, Y., Homeier, J., Cumbicus, N., Peña, J., **Albrecht, J.**, Ziegenhagen, B., Bendix, J. Brandl, R. & Farwig, N. (2016). Phylogenetic niche conservatism does not explain elevational patterns of species richness, phylodiversity and family age of tree assemblages in Andean rainforest. *Erdkunde* 70:83-106.
<https://doi.org/10.3112/erdkunde.2016.01.06>

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30. **Albrecht, J.**, Bohle, V., Berens, D. G., Jaroszewicz, B., Selva, N. & Farwig, N. (2015) Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species. *Journal of Ecology* 103:526-536.
<https://doi.org/10.1111/1365-2745.12375>

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31. **Albrecht, J.**, Berens, D. G., Jaroszewicz, B. Selva, N., Brandl, R. & Farwig, N. (2014) Correlated loss of ecosystem services in coupled mutualistic networks. *Nature Communications* 5:3810. <https://doi.org/10.1038/ncomms4810>
32. Berens, D. G., Chama, L., **Albrecht, J.** & Farwig, N. (2014) High Conservation Value of Forest Fragments for Plant and Frugivore Communities in a Fragmented Forest Landscape in South Africa. *Biotropica* 46: 350-356. <https://doi.org/10.1111/btp.12104>

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33. **Albrecht, J.**, Berens, D. G., Blüthgen, N., Jaroszewicz, B., Selva, N. & Farwig, N. (2013) Logging and forest edges reduce redundancy in plant–frugivore networks in an old-growth European forest. *Journal of Ecology* 101:990-999. <https://doi.org/10.1111/1365-2745.12105>
34. Heuck, C., Brandl, R., **Albrecht, J.** & Gottschalk, T. (2013) The potential distribution of the Red Kite in Germany. *Journal of Ornithology* 154:911-921.
<https://doi.org/10.1007/s10336-013-0955-2>

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35. **Albrecht, J.**, Neuschulz, E. L. & Farwig, N. (2012) Impact of habitat structure and fruit abundance on avian seed dispersal and fruit predation. *Basic & Applied Ecology* 13:347-354. <https://doi.org/10.1016/j.baae.2012.06.005>