References (Ecology journal formatting)

Abbas, M., A.-M. Klein, A. Ebeling, Y. Oelmann, R. Ptacnik, W. W. Weisser, and H. Hillebrand. 2014. Plant diversity effects on pollinating and herbivorous insects can be linked to plant stoichiometry. Basic and Applied Ecology 15:169–178.

Arponen, A. 2012. Prioritizing species for conservation planning. Biodiversity and Conservation 21:875–893.

Bairlein, F. 1998. The Effect of Diet Composition on Migratory Fuelling in Garden Warblers *Sylvia borin*. Journal of Avian Biology 29:546–551.

Bates, D., M. Mächler, B. Bolker, and S. Walker. 2015. Fitting Linear Mixed-Effects Models Using lme4. Journal of Statistical Software 67:1–48.

Barbour, M. A., M. A. Rodriguez‐Cabal, E. T. Wu, R. Julkunen‐Tiitto, C. E. Ritland, A. E. Miscampbell, E. S. Jules, and G. M. Crutsinger. 2015. Multiple plant traits shape the genetic basis of herbivore community assembly. Functional Ecology 29:995–1006.

Bellard, C., P. Cassey, and T. M. Blackburn. 2016. Alien species as a driver of recent extinctions. Biology Letters 12:20150623.

Bultman, T. L., and D. J. DeWitt. 2007. Effect of an invasive ground cover plant on the abundance and diversity of a forest floor spider assemblage. Biological Invasions 10:749.

Chaguaceda, F., K. Scharnweber, E. Dalman, L. J. Tranvik, and P. Eklöv. 2021. Short-term apparent mutualism drives responses of aquatic prey to increasing productivity. Journal of Animal Ecology 90:834–845.

Clark, R. E., T. E. Farkas, I. Lichter-Marck, E. R. Johnson, and M. S. Singer. 2016. Multiple interaction types determine the impact of ant predation of caterpillars in a forest community. Ecology 97:3379–3388.

Clark, R. E., and C. L. Seewagen. 2019. Invasive Japanese Barberry, Berberis thunbergii (Ranunculales: Berberidaceae) Is Associated with Simplified Branch-Dwelling and Leaf-Litter Arthropod Communities in a New York Forest. Environmental Entomology 48:1071–1078.

Courtois, P., C. Figuieres, C. Mulier, and J. Weill. 2018. A Cost–Benefit Approach for Prioritizing Invasive Species. Ecological Economics 146:607–620.

Crystal-Ornelas, R., E. J. Hudgins, R. N. Cuthbert, P. J. Haubrock, J. Fantle-Lepczyk, E. Angulo, A. M. Kramer, L. Ballesteros-Mejia, B. Leroy, B. Leung, E. López-López, C. Diagne, and F. Courchamp. 2021. Economic costs of biological invasions within North America. NeoBiota 67:485–510.

Cutway, H. B. 2017. Effects of Long-Term Manual Invasive Plant Removal on Forest Understory Composition. Natural Areas Journal 37:530–539.

D’Antonio, C., and L. A. Meyerson. 2002. Exotic Plant Species as Problems and Solutions in Ecological Restoration: A Synthesis. Restoration Ecology 10:703–713.

Eppinga, M. B., M. Baudena, E. A. Haber, M. Rietkerk, M. J. Wassen, and M. J. Santos. 2021. Spatially explicit removal strategies increase the efficiency of invasive plant species control. Ecological Applications 31:1–13.

Fantle-Lepczyk, J. E., P. J. Haubrock, A. M. Kramer, R. N. Cuthbert, A. J. Turbelin, R. Crystal-Ornelas, C. Diagne, and F. Courchamp. 2022. Economic costs of biological invasions in the United States. Science of The Total Environment 806:151318.

Farmer, S., J. Ward, J. Horton, and D. Clarke. 2016. Southern Appalachian urban forest response to three invasive plant removal treatments. Management of Biological Invasions 7:329–342.

Fletcher, R. A., R. K. Brooks, V. T. Lakoba, G. Sharma, A. R. Heminger, C. C. Dickinson, and J. N. Barney. 2019. Invasive plants negatively impact native, but not exotic, animals. Global Change Biology 25:3694–3705.

Flory, S. L., and K. Clay. 2009. Invasive plant removal method determines native plant community responses. Journal of Applied Ecology 46:434–442.

Fox, J., S. Weisberg, D. Adler, D. Bates, G. Baud-Bovy, S. Ellison, D. Firth, M. Friendly, G. Gorjanc, S. Graves, R. Heiberger, R. Laboissiere, G. Monette, D. Murdoch, H. Nilsson, D. Ogle, B. Ripley, W. Venables, D. Winsemius, A. Zeileis, and R-Core. 2015. car: Companion to Applied Regression.

Gerber, E., C. Krebs, C. Murrell, M. Moretti, R. Rocklin, and U. Schaffner. 2008. Exotic invasive knotweeds (Fallopia spp.) negatively affect native plant and invertebrate assemblages in European riparian habitats. Biological Conservation 141:646–654.

Gratton, C., and R. F. Denno. 2005. Restoration of Arthropod Assemblages in a Spartina Salt Marsh following Removal of the Invasive Plant Phragmites australis. Restoration Ecology 13:358–372.

Haan, N. L., M. D. Bowers, and J. D. Bakker. 2021. Preference, performance, and chemical defense in an endangered butterfly using novel and ancestral host plants. Scientific Reports 11:992.

Hartman, K. M., and B. C. McCarthy. 2004. Restoration of a Forest Understory After the Removal of an Invasive Shrub, Amur Honeysuckle (Lonicera maackii). Restoration Ecology 12:154–165.

van Hengstum, T., D. A. P. Hooftman, J. G. B. Oostermeijer, and P. H. van Tienderen. 2014. Impact of plant invasions on local arthropod communities: a meta-analysis. Journal of Ecology 102:4–11.

Hedges, L. V., J. Gurevitch, and P. S. Curtis. 1999. The Meta-Analysis of Response Ratios in Experimental Ecology. Ecology 80:1150–1156.

Hiatt, D., K. Serbesoff‐King, D. Lieurance, D. R. Gordon, and S. L. Flory. 2019. Allocation of invasive plant management expenditures for conservation: Lessons from Florida, USA. Conservation Science and Practice 1:1–10.

Holmes, M. A., J. V. Whitacre, L. D. Bennion, J. Poteet, and S. E. Kuebbing. 2021. Land-use history and abiotic gradients drive abundance of non-native shrubs in Appalachian second-growth forests with histories of mining, agriculture, and logging. Forest Ecology and Management 494:119296.

Kettenring, K. M., and C. R. Adams. 2011. Lessons learned from invasive plant control experiments: a systematic review and meta-analysis. Journal of Applied Ecology 48:970–979.

Klasing, K. C. 1998. Comparative Avian Nutrition. CAB International, Wallingford, UK.

Kramer, A. T., B. Crane, J. Downing, J. l. Hamrick, K. Havens, A. Highland, S. K. Jacobi, T. N. Kaye, E. V. Lonsdorf, J. Ramp Neale, A. Novy, P. E. Smouse, D. W. Tallamy, A. White, and J. Zeldin. 2019. Sourcing native plants to support ecosystem function in different planting contexts. Restoration Ecology 27:470–476.

Lampert, E. C., Z. R. Cylkowski, K. A. McDonough, and C. R. Young. 2022. Arthropod Associations Show Naturalization with Non-Native Quercus Species in the Georgia Piedmont. Journal of Entomological Science 57:323–332.

Landsman, A. P., J. P. Schmit, and E. R. Matthews. 2021. Invasive Plants Differentially Impact Forest Invertebrates, Providing Taxon-Specific Benefits by Enhancing Structural Complexity. Frontiers in Ecology and Evolution 9.

Landsman, A. P., K. T. Burghardt, and J. L. Bowman. 2020. Invasive grass (Microstegium vimineum) indirectly benefits spider community by subsidizing available prey. Ecology and Evolution 10:11133–11143.

Lenth, R. V. 2016. Least-squares means: The R package lsmeans. Journal of Statistical Software 69:1–33.

Leishman, M. R., T. Haslehurst, A. Ares, and Z. Baruch. 2007. Leaf trait relationships of native and invasive plants: community‐ and global‐scale comparisons. New Phytologist 176:635–643.

Lieurance, D., and D. Cipollini. 2013. Exotic Lonicera species both escape and resist specialist and generalist herbivores in the introduced range in North America. Biological Invasions 15:1713–1724.

Lind, E. M., and J. D. Parker. 2010. Novel Weapons Testing: Are Invasive Plants More Chemically Defended than Native Plants? PLOS ONE 5:e10429.

McCary, M. A., R. Mores, M. A. Farfan, and D. H. Wise. 2016. Invasive plants have different effects on trophic structure of green and brown food webs in terrestrial ecosystems: a meta-analysis. Ecology Letters 19:328–335.

McDonald, P., R. A. Edwards, J. F. D. Greenhalgh, C. A. Morgan, L. A. Sinclair, and R. G. Wilkinson. 2011. Animal Nutrition. Seventh edition. Pearson, Harlow, UK.

Midway, S., M. Robertson, S. Flinn, and M. Kaller. 2020. Comparing multiple comparisons: practical guidance for choosing the best multiple comparisons test. PeerJ 8:e10387.

Mosher, E. S., J. A. Silander, and A. M. Latimer. 2009. The role of land-use history in major invasions by woody plant species in the northeastern North American landscape. Biological Invasions 11:2317.

Narango, D. L., D. W. Tallamy, and P. P. Marra. 2018. Nonnative plants reduce population growth of an insectivorous bird. Proceedings of the National Academy of Sciences 115:11549–11554.

Pearson, D. E. 2009. Invasive plant architecture alters trophic interactions by changing predator abundance and behavior. Oecologia 159:549–558.

Pimentel, D., M. Pimentel, and A. Wilson. 2007. Plant, Animal, and Microbe Invasive Species in the United States and World. Pages 315–330 *in* W. Nentwig, editor. Biological Invasions. Springer, Berlin, Heidelberg.

R Development Core Team. 2022. *R version 4.1.2. R: A language and environment for statistical computing.* R Foundation for Statistical Computing, Vienna, Austria.

Rai, R. K., L. Shrestha, S. Joshi, and D. R. Clements. 2022. Biotic and Economic Impacts of Plant Invasions. Pages 301–315 *in* D. R. Clements, M. K. Upadhyaya, S. Joshi, and A. Shrestha, editors. Global Plant Invasions. Springer International Publishing, Cham.

Razeng, E., and D. M. Watson. 2015. Nutritional composition of the preferred prey of insectivorous birds: Popularity reflects quality. Journal of Avian Biology 46:89–96.

Reeves, J. T., S. D. Fuhlendorf, C. A. Davis, and S. M. Wilder. 2021. Arthropod prey vary among orders in their nutrient and exoskeleton content. Ecology and Evolution 11:17774–17785.

Ricciardi, A., J. C. Iacarella, D. C. Aldridge, T. M. Blackburn, J. T. Carlton, J. A. Catford, J. T. A. Dick, P. E. Hulme, J. M. Jeschke, A. M. Liebhold, J. L. Lockwood, H. J. MacIsaac, L. A. Meyerson, P. Pyšek, D. M. Richardson, G. M. Ruiz, D. Simberloff, M. Vilà, and D. A. Wardle. 2021. Four priority areas to advance invasion science in the face of rapid environmental change. Environmental Reviews 29:119–141.

Richard, M., D. W. Tallamy, and A. B. Mitchell. 2019. Introduced plants reduce species interactions. Biological Invasions 21:983–992.

Riedl, H. L., L. Stinson, L. Pejchar, and W. H. Clements. 2018. An introduced plant affects aquatic-derived carbon in the diets of riparian birds. PLOS ONE 13:e0207389.

Robichaud, C. D., J. V. Basso, and R. C. Rooney. 2021. Control of invasive *Phragmites australis* (European common reed) alters macroinvertebrate communities. Restoration Ecology.

Robison, A. L., J. L. Berta, C. L. Mott, and K. J. Regester. 2021. Impacts of invasive Amur honeysuckle, *Lonicera maackii*, leaf litter on multiple trophic levels of detritus‐based experimental wetlands. Freshwater Biology 66:1464–1474.

Robbins, C. T., L. A. Felicetti, and M. Sponheimer. 2005. The effect of dietary protein quality on nitrogen isotope discrimination in mammals and birds. Oecologia 144:534–540.

Schneider, S. C., and J. R. Miller. 2014. Response of avian communities to invasive vegetation in urban forest fragments. The Condor 116:459–471.

Seebens, H., T. M. Blackburn, E. E. Dyer, P. Genovesi, P. E. Hulme, J. M. Jeschke, S. Pagad, P. Pyšek, M. Winter, M. Arianoutsou, S. Bacher, B. Blasius, G. Brundu, C. Capinha, L. Celesti-Grapow, W. Dawson, S. Dullinger, N. Fuentes, H. Jäger, J. Kartesz, M. Kenis, H. Kreft, I. Kühn, B. Lenzner, A. Liebhold, A. Mosena, D. Moser, M. Nishino, D. Pearman, J. Pergl, W. Rabitsch, J. Rojas-Sandoval, A. Roques, S. Rorke, S. Rossinelli, H. E. Roy, R. Scalera, S. Schindler, K. Štajerová, B. Tokarska-Guzik, M. van Kleunen, K. Walker, P. Weigelt, T. Yamanaka, and F. Essl. 2017. No saturation in the accumulation of alien species worldwide. Nature Communications 8:14435.

Shields, J., M. Saunders, K. Gibson, P. Zollner, J. Dunning, and M. Jenkins. 2015. Short-Term Response of Native Flora to the Removal of Non-Native Shrubs in Mixed-Hardwood Forests of Indiana, USA. Forests 6:1878–1896.

Singer, M. S., T. E. Farkas, Skorik Christian M., and K. A. Mooney. 2012. Tritrophic interactions at a community level: effects of host plant species quality on bird predation of caterpillars. The American Naturalist 179:363–374.

Smets, R., J. Claes, and M. Van Der Borght. 2021. On the nitrogen content and a robust nitrogen-to-protein conversion factor of black soldier fly larvae (Hermetia illucens). Analytical and Bioanalytical Chemistry 413:6365–6377.

Tallamy, D. W., D. L. Narango, and A. B. Mitchell. 2021. Do non-native plants contribute to insect declines? Ecological Entomology 46:729–742.

Tarr, M. D. 2022. Effects of Non-native Shrubs on Caterpillars and Shrubland-Dependent Passerines Within Three Transmission Line Rights-of-Way in Southeastern New Hampshire. Northeastern Naturalist 29:1–43.

Traylor, C., M. Ulyshen, D. Wallace, L. Loudermilk, C. Ross, C. Hawley, R. A. Atchison, J. L. Williams, and J. McHugh. 2022. Compositional Attributes of Invaded Forests Drive the Diversity of Insect Functional Groups. Global Ecology and Conservation 35:e02092.

Wagner, D. L. 2005. Caterpillars of Eastern North America: A Guide to Identification and Natural History. 1st Edition. Princeton University Press, Princeton, N.J.

Wagner, D. L., E. M. Grames, M. L. Forister, M. R. Berenbaum, and D. Stopak. 2021. Insect decline in the Anthropocene: Death by a thousand cuts. Proceedings of the National Academy of Sciences 118:e2023989118.

Wang, W., C. Zhang, J. Allen, W. Li, M. Boyer, K. Segerson, and J. Silander. 2016. Analysis and Prediction of Land Use Changes Related to Invasive Species and Major Driving Forces in the State of Connecticut. Land 5:25.

Weidlich, E. W. A., F. G. Flórido, T. B. Sorrini, and P. H. S. Brancalion. 2020. Controlling invasive plant species in ecological restoration: A global review. Journal of Applied Ecology 57:1806–1817.

Westman, W. E. 1990. Park Management of Exotic Plant Species: Problems and Issues. Conservation Biology 4:251–260.

Wootton, J. T. 1997. Estimates and Tests of Per Capita Interaction Strength: Diet, Abundance, and Impact of Intertidally Foraging Birds. Ecological Monographs 67:45–64.