

## **Dr. Joe LaManna's Publications**

At Marquette University

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- 2018**      **LaManna, J. A.**, S. A. Mangan, A. Alonso, N. A. Bourg, W. Y. Brockelman, S. Bunyavejchewin, L. Chang, J. Chiang, G. B. Chuyong, K. Clay, S. Cordell, S. J. Davies, T. J. Furniss, C. P. Giardina, I. A. U. N. Gunatilleke, C. V. S. Gunatilleke, F. He, R. W. Howe, S. P. Hubbell, C. Hsieh, F. M. Inman-Narahari, D. Janík, D. J. Johnson, D. Kenfack, L. Korte, K. Král, A. J. Larson, J. A. Lutz, S. M. McMahon, W. J. McShea, H. R. Memiaghe, A. Nathalang, V. Novotny, P. S. Ong, D. A. Orwig, R. Ostertag, G. G. Parker, R. P. Phillips, L. Sack, I. Sun, J. S. Tello, D. W. Thomas, B. L. Turner, D. M. Vela Díaz, T. Vrška, G. D. Weiblen, A. Wolf, S. Yap, and J. A. Myers. 2018. Response to comment on “Plant diversity increases with the strength of negative density dependence at the global scale.” *Science* 360:ear5245.
- LaManna, J. A.**, S. A. Mangan, A. Alonso, N. A. Bourg, W. Y. Brockelman, S. Bunyavejchewin, L. Chang, J. Chiang, G. B. Chuyong, K. Clay, S. Cordell, S. J. Davies, T. J. Furniss, C. P. Giardina, I. A. U. N. Gunatilleke, C. V. S. Gunatilleke, F. He, R. W. Howe, S. P. Hubbell, C. Hsieh, F. M. Inman-Narahari, D. Janík, D. J. Johnson, D. Kenfack, L. Korte, K. Král, A. J. Larson, J. A. Lutz, S. M. McMahon, W. J. McShea, H. R. Memiaghe, A. Nathalang, V. Novotny, P. S. Ong, D. A. Orwig, R. Ostertag, G. G. Parker, R. P. Phillips, L. Sack, I. Sun, J. S. Tello, D. W. Thomas, B. L. Turner, D. M. Vela Díaz, T. Vrška, G. D. Weiblen, A. Wolf, S. Yap, and J. A. Myers. 2018. Response to comment on “Plant diversity increases with the strength of negative density dependence at the global scale.” *Science* 360:ear3824.
- Spasojevic, M. J., **J. A. LaManna**, C. P. Catano & J. A. Myers. 2018. Integrating species traits into species pools. *Ecology* 99:1265-1276 (Concepts & Synthesis Paper).
- 2017**      **LaManna, J. A.**, S. A. Mangan, A. Alonso, N. A. Bourg, W. Y. Brockelman, S. Bunyavejchewin, L. Chang, J. Chiang, G. B. Chuyong, K. Clay, R. Condit, S. Cordell, S. J. Davies, T. J. Furniss, C. P. Giardina, I. A. U. N. Gunatilleke, C. V. S. Gunatilleke, F. He, R. W. Howe, S. P. Hubbell, C. Hsieh, F. M. Inman-Narahari, D. Janík, D. J. Johnson, D. Kenfack, L. Korte, K. Král, A. J. Larson, J. A. Lutz, S. M. McMahon, W. J. McShea, H. R. Memiaghe, A. Nathalang, V. Novotny, P. S. Ong, D. A. Orwig, R. Ostertag, G. G. Parker, R. P. Phillips, L. Sack, I. Sun, J. S. Tello, D. W. Thomas, B. L. Turner, D. M. Vela Díaz, T. Vrška, G. D. Weiblen, A. Wolf, S. Yap, and J. A. Myers. 2017. Plant diversity increases with the strength of negative density dependence at the global scale. *Science* 356:1389–1392.
- LaManna, J. A.**, R. T. Belote, L. A. Burkle, C. Catano, & J. A. Myers. 2017. Negative density dependence mediates biodiversity-productivity relationships across scales. *Nature Ecology & Evolution* 1:1107–1115.
- LaManna, J. A.**, & T. E. Martin. 2017. Logging impacts on avian species richness and composition differ across latitudes and foraging and breeding habitat preferences. *Biological Reviews* 92:1657–1674.
- LaManna, J. A.**, & T. E. Martin. 2017. Seasonal fecundity and costs to  $\lambda$  are more strongly affected by direct than indirect predation effects across species. *Ecology* 98:1829–1838.
- 2016**      **LaManna, J. A.**, M. L. Walton, B. L. Turner, & J. A. Myers. 2016. Negative density dependence is stronger in resource-rich environments and diversifies communities when stronger for common but not rare species. *Ecology Letters* 19:657–667.

- LaManna, J. A.**, & T. E. Martin. 2016. Costs of fear: behavioral and life-history responses to risk and their demographic consequences vary across species. *Ecology Letters* 19:403–413.
- Myers, J. A., & **J. A. LaManna**. 2016. The promise and pitfalls of beta diversity in ecology and conservation. *Journal of Vegetation Science* 27:1081–1083.
- 2015** T. L. George\*, R. Harrigan\*, **J. A. LaManna\***, J. F. Saracco, D. F. DeSante, & T. B. Smith. 2015. Persistent impacts of West Nile Virus on North American bird populations. *Proceedings of the National Academy of Science* 112:14290–14294. **\*Authors contributed equally to this work**
- LaManna, J. A.**, A. B. Hemenway, V. Boccadori, & T. E. Martin. 2015. Bird species turnover is related to changing predation risk along a vegetation gradient. *Ecology* 96:1670–1680.
- 2012** **LaManna, J. A.**, T. L. George, J. F. Saracco, M. P. Nott, & D. F. DeSante. 2012. El Niño-Southern Oscillation influences annual survival of a migratory songbird at a regional scale. *The Auk: Ornithological Advances* 129:734–743.
- 2011** Powers, B. †, M. D. Johnson, **J. A. LaManna**, & A. Rich. 2011. The influence of cattle grazing on pocket gophers in the central Sierra Nevada mountains, California: potential implications for great gray owls. *Northwestern Naturalist* 92:13–18.
- 1999** **LaManna, J. A.**, J. Braddock-Wilking, S. H. Lin, & B. J. Feldman. 1999. <sup>13</sup>C NMR spectroscopy of amorphous hydrogenated carbon nitride. *Solid State Communications* 109:573–576.