

PUBLICATIONS

Books

- Sax, D.F., Stachowicz, J.J., and Gaines, S.D., editors. (2005) *Species Invasions: Insights into Ecology, Evolution and Biogeography*. Sinauer, Sunderland, MA.
- Lomolino, M.V, Sax, D.F. and Brown, J.H., editors. (2004) *Foundations of Biogeography: Classic Works with Commentaries*. Univ. of Chicago, Chicago, IL.

Journal Articles

- Sax, D.F. and Gaines, S.D. (2008) Species invasions and extinction: The future of native biodiversity on islands. *Proceedings of the National Academy of Sciences* 105:11490-11497.
- Sax, D.F., Stachowicz, J.J., Brown, J.H., Bruno, J.F., Dawson, M.N., Gaines, S.D., Grosberg, R.K., Hastings, A., Holt, R.D., Mayfield, M.M., O'Connor, M.I. and Rice, W.R. (2007). Ecological and evolutionary insights from species invasions. *Trends in Ecology and Evolution* 22: 465-471.
- Vellend, M., Harmon, L.J., Lockwood, J.L., Mayfield, M.M., Hughes, A.R., Wares, J.P. and Sax, D.F. (2007) Effects of exotic species on evolutionary diversification. *Trends in Ecology and Evolution* 22: 481-488.
- Smith, K.F., Sax, D.F., Gaines, S.D., Guernier, V. and Guegan, J.F. (2007) Globalization of human infectious disease. *Ecology* 88:1903-1910.
- Mittelbach, G.G. et al. (2007) Evolution and the latitudinal diversity gradient: Speciation, extinction and biogeography. *Ecology Letters* 10:315-331.
- Fridley, J.D., Stachowicz, J.J., Naeem, S., Sax, D.F., Seabloom, E.W., Smith, M.D., Stohlgren, T.J., Tilman, D. and Von Holle, B. (2007) The invasion paradox: Reconciling pattern and process in species invasions. *Ecology* 88:3-17.
- Lomolino, M.V., Sax, D.F., Riddle, B.R. and Brown, J.H. (2006) The island rule and a research agenda for studying ecogeographic patterns. *Journal of Biogeography* 33:1503-1510.
- Smith, K.F., Sax, D.F. and Lafferty, K.D. (2006) Evidence for the role of infectious disease in species extinction and endangerment. *Conservation Biology* 20:1349-1357.
- Cassey, P., Blackburn, T.M., Lockwood, J.L. and Sax, D.F. (2006) A stochastic model for integrating changes in species richness and community similarity across spatial scales. *Oikos* 115: 207-218.
- Brown, J.H. and Sax, D.F. (2005) Biological invasions and scientific objectivity: Reply to Cassey *et al.* (2005). *Austral Ecology* 30:481-483.
- Sax, D.F., Kinlan, B.P. and Smith, K.F. (2005) A conceptual framework for comparing species assemblages in native and exotic habitats. *Oikos* 108:457-464.
- Brown, J.H. and Sax, D.F. (2004) An essay on some topics concerning invasive species. *Austral Ecology* 29:530-536.
- Sax, D.F. and Gaines, S.D. (2003) Species diversity: from global decreases to local increases. *Trends in Ecology and Evolution* 18:561-566.
- Whittaker, R.J. and Sax, D.F. (2003) A 21st century Pangea? The emergence of a new international forum for Biogeographers. *Journal of Biogeography* 30:315-317.
- Sax, D.F., Gaines, S.D. and Brown, J.H. (2002) Species invasions exceed extinctions on islands worldwide: a comparative study of plants and birds. *American Naturalist* 160:766-783.
- Sax, D.F. (2002) Equal diversity in disparate species assemblages: a comparison of

- native and exotic woodlands of California. *Global Ecol. & Biogeog.* 11:49-58.
- Sax, D.F. (2002) Native and naturalized plant diversity are positively correlated in scrub communities of California and Chile. *Diversity & Distributions* 8:193-210.
- Sax, D.F. (2001) Latitudinal gradients and geographic ranges of exotic species: implications for biogeography. *Journal of Biogeography* 28:139-150.
- Sax, D.F. and Brown, J.H. (2000) The Paradox of Invasion. *Global Ecology & Biogeography* 9:363-372.

Book Chapters

- Sax, D.F. and Gaines, S.D. (2006) The biogeography of naturalized species and the species-area relationship. In, Cadotte, M.W. et al. *Conceptual ecology and invasions biology: reciprocal approaches to nature*. Springer, Netherlands.
- Rice, W.R. and Sax, D.F. (2005) Testing fundamental evolutionary questions at large spatial and demographic scales. In, Sax, D.F. et al. *Species Invasions: Insights into Ecology, Evolution and Biogeography*. Sinauer, Sunderland, MA.
- Sax, D.F., Brown, J.H., White, E. and Gaines, S.D. (2005) The dynamics of species invasions: Insights into the mechanisms that limit species diversity. In, Sax, D.F., Stachowicz, J.J., and Gaines, S.D., editors. *Species Invasions: Insights into Ecology, Evolution and Biogeography*. Sinauer Associates, Sunderland, MA.
- Sax, D.F., Stachowicz, J.J. and Gaines, S.D. (2005) Capstone: Where do we go from here? In, Sax, D.F., Stachowicz, J.J., and Gaines, S.D., editors. *Species Invasions: Insights into Ecology, Evolution and Biogeography*. Sinauer Associates, Sunderland, MA.
- Sax, D.F. and Whittaker, R.J. (2004) Dynamics of species diversity. In, Heaney, L.R. and Lomolino, M.V. *Frontiers of Biogeography: New Directions in the Geography of Nature*. Sinauer, Sunderland, MA.
- Brown, J.H. and Sax, D.F. (2004) Geographic gradients in diversity. In, Lomolino, M.V., Sax, D.F. and Brown, J.H, editors. *Foundations of Biogeography: Classic Works with Commentaries*. The University of Chicago Press, Chicago.

Book Reviews

- Sax, D.F. (2007) Review of "Plants on Islands", Cody, M.L., 2006, University of California Press. *Ecology* 88:1068-1069.
- Sax, D.F. (2004) Review of "The Structure and Dynamics of Geographic Ranges", Gaston, K.J., 2003, Oxford U. Press. *Quarterly Review of Biology* 79:100-101.
- Sax, D.F. (2002) Review of "Trees and shrubs of California", Stuart, J.D. and Sawyer, J.O., 2001, University of California Press. *Diversity & Distributions* 8:309-310.

Popular Press Publications

- Brown, J.H. and Sax, D.F. (2007) Do biological invasions decrease biodiversity? *Conservation Magazine* 8:16-17.
- Gibbons, W. and [Sax, D.F. – principal author of text] (2007) Why not let the aliens take over? Part 2. *New York Times Regional News Group* (publisher of 14 regional news papers), Sunday, April 22.