

NAU School of Forestry Faculty and Staff Publications

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In Press

- Barnes, M.L., M.S. Moran, R.L. Scott, **T.E. Kolb**, G.E. Ponce-Campos, M.A. Ross, B. Mitra, S. Dore and D. Moore. 2015. Vegetation productivity responds to sub-annual climate conditions across semi-arid biomes. *Ecosphere*.
- Bowker, M.A.**, J. Belnap, B. Büdel, C. Sannier, N. Pietrasiak, D.J. Eldridge and V. Rivera-Aguilar V. In press. Controls on distribution patterns of biological soil crusts at micro- to global scales. Pages x- x In: Weber, B., Büdel, B., Belnap, J. (Eds.) Biological soil crusts: an organizing principle in drylands. Ecological Studies Series. Springer-Verlag, Berlin.
- Chiquoine L.P., S.R. Abella and **M.A. Bowker**. In press. Rapid rehabilitation of ecosystem function in highly disturbed Mojave Desert ecosystems: a role for biological crusts. *Ecological Applications*.
- Clark, J., L.R. Iverson, C.W. Woodall, C. Allen, D. Bell, D. Bragg, A. D'Amato, F. Davis, M. Hersh, I. Ibanez, S. Jackson, S. Matthews, N. Pederson, M. Peters, M. Schwartz, **K. Waring** and N. Zimmerman. In press. The impacts of increasing drought on forest dynamics, structure, and biodiversity. *Global Change Biology*.
- Gastón, A, S. Blázquez-Cabrera, G. Garrote, M.C. Mateo-Sánchez, **P. Beier**, M.A. Simón and S. Saura. In press. Contrasting responses to different agricultural covers and dispersal plasticity of woodland species: the case of the endangered Iberian lynx. *J Applied Ecology*.
- Kolb, T.E.**, C.J. Fettig, B.J. Bentz, J.E. Stewart, A.S. Weed, J.A. Hicke and M.P. Ayres. In press. Chapter 6: Forest insect and fungal pathogen responses to drought. In: Vose, J., J. Clark, C. Luce (editors), *Effects of Drought on Forest Ecosystems: A Comprehensive Science Synthesis for the U.S. Forest Sector*. USDS Forest Service General Technical Report.
- Mathiasen, R. L.** In press. Viscaceae. In S.C. Meyers (Ed.). A Flora of Oregon. Oregon State University Press, Corvallis, OR.
- Mathiasen, R.L.** and S.K. Kenaley. In press. Distribution and morphological characteristics of *Arceuthobium hondurensis* and *A. nigrum* (Viscaceae) in Mexico. *Journal of the Botanical Research Institute of Texas*.
- Miller, D.R., J.D. Allison, C.M. Crowe, D.M. Dickinson, A. Eglitis, **R.W. Hofstetter**, A.S. Munson, T.M. Poland, B.E. Steed and J.D. Sweeney. In press. Trap lure blend of a-pinene, Monochamol and Ipsenol attracts sawyer beetles, *Monochamus* spp. (Coleoptera: Cerambycidae) in pine forests of Canada and the United States. *Journal of Economic Entomology*.
- Pureswaran, D.S., **R.W. Hofstetter**, B.T. Sullivan and K.A. Potter. In press. The role of multimodal signals in species recognition between tree-killing bark beetles in a narrow sympatric zone. *Environmental Entomology*.
- Savage, K., C. Scherpereel, M. Gerety, and **R. Hofstetter**. In press. Beetle Beats: Finding a SOUND market for ADT. *Case Research Journal*.

Zeller, K.A., K. McGarigal, S.A. Cushman, **P. Beier**, T.W. Vickers and W.M. Boyce. In press. Using step and path selection functions for estimating resistance to movement: pumas as a case study. *Landscape Ecology*.

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Bagdon, B.A., C-H. Huang and S. Dewhurst. 2016. Managing for ecosystem services in northern Arizona ponderosa pine forests using a novel simulation-to-optimization methodology. *Ecological Modelling* 324: 11-27.

Delgado-Baquerizo, M., F.T. Maestre, A. Gallardo, **M.A. Bowker** et al. (over 50 authors). 2016. Human impacts and aridity differentially alter soil N availability in drylands worldwide. *Global Ecology and Biogeography* 25: 36-45.

Kim, Y.-S., J.S. Bae, L.A. Fisher, S. Latifah, M. Afifi, S.M. Lee, I.-A. Kim. 2016. Indonesia's Forest Management Units: Effective intermediaries in REDD+ implementation? *Forest Policy and Economics* 62: 69-77.

Smith, D.S., S.M. Fettig and **M.A. Bowker**. 2016. Elevated Rocky Mountain elk numbers prevent positive effects of fire on quaking aspen (*Populus tremuloides*) recruitment. *Forest Ecology and Management* 362: 46-54.

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Aflitto, N., T. DeGomez, **R. Hofstetter**, J. Anhold, J. McMillin, M. Wagner and E. Schneider. 2015. Pine bark beetle and dwarf mistletoe infestation in a remnant old-growth stand. *Western North American Naturalist* 71: 285-290.

Albuquerque, F. and **P. Beier**. 2015. Global patterns and environmental correlates of high-priority conservation areas for vertebrate. *Journal of Biogeography* 42: 1397-1405.

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- Cerano-Paredes, J., J. Villanueva-Díaz, R. Cervantes-Martínez, **P. Fulé**, L. Yocom, G. Esquivel-Arriaga and E. Jardel-Peláez. 2015. Historia de incendios en un bosque de pino de la sierra de Manantlán, Jalisco, México. *Bosques* 36(1):41-52.
- Chambers, C.L.** and M.L. Sumners. 2015. Mentoring the next generation: An essential element of fostering wildlife careers for women. *The Wildlife Professional Summer*: 26-29.
- Chambers, C.L.**, C.D. Vojta, E.D. Mering, and B. Davenport. 2015. Efficacy of scent-detection dogs for locating bat roosts in trees and snags using detection dogs to locate bat roosts. *Wildlife Society Bulletin* DOI: 10.1002/wsb.598.
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- Fitch, R. A, **Y.-S. Kim** and A.E.M Waltz. 2015. Expected Wildfire Suppression Costs for Proposed 4FRI Treatment Areas. In L. F. Huenneke, C. van Riper III, and K. A. Hays-Gilpin (ed). *The Colorado Plateau VI: Science and Management at the Landscape Scale*. The University of Arizona Press. ISBN 978-0-8165-3159-2
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