

McEwan Lab
Lilley Cornett Woods
publications



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"undergraduate advisee; ^ggraduate student advisee; ^ppostdoctoral advisee*

12. ^g**Chapman, J.I.** and ***R.W. McEwan**. 2018. The role of environmental filtering in structuring Appalachian tree communities: Topographic influences on functional diversity are mediated through soil characteristics. *Forests* 9: 19.
Open Access: <http://www.mdpi.com/1999-4907/9/1/19/htm>
11. ^g**Chapman, J.I.** and ***R.W. McEwan**. 2016. Thirty years of compositional change in an old-growth temperate forest: The role of topographic gradients in oak-maple dynamics. *PLoS ONE* 11(7): e0160238.
Open Access: [DOI:10.1371/journal.pone.0160238](https://doi.org/10.1371/journal.pone.0160238)
10. ^g**Davis, J.G.**, ^g**J.I. Chapman**, S-Y Wu and ***R.W. McEwan**. 2015. Spatiotemporal dynamics of coarse woody debris in an old-growth temperate deciduous forest. *Forest Science* 61: 680-688.
9. ***McEwan, R.W.**, N. Pederson, A. Cooper, R. Watts and **"A.M. Hruska**. 2014. Fire and canopy disturbance over 300 years in an old-growth temperate. *Applied Vegetation Science* 17: 312-322.
8. ^g**Chapman, J.I.** and ***R.W. McEwan**. 2013. Spatiotemporal dynamics of α and β diversity across topographic gradients in the herbaceous layer of an old-growth deciduous forest. *Oikos* 122: 1679-1686.
7. ^g**Chapman, J.I.** and ***R.W. McEwan**. 2012. Tree regeneration ecology of an old-growth central Appalachian forest: Diversity, temporal dynamics, and disturbance response. *Journal of the Torrey Botanical Society* 139: 194–205.
6. ^g**Chapman, J.I.**, K.L. Perry and ***R.W. McEwan**. 2012. Changing flora of an old-growth mesophytic forest: Previously undetected taxa and first appearance of non-native invasive species. *Journal of the Torrey Botanical Society* 139: 206–210.
5. ***McEwan, R.W.** and R.N. Muller. 2011. Dynamics, diversity, and resource gradient relationships in the herbaceous layer of an old-growth Appalachian forest. *Plant Ecology* 212: 1179-1191.
4. ***McEwan, R.W.** and R.N. Muller. 2006. Spatial and temporal dynamics in canopy dominance of an old-growth central Appalachian forest. *Canadian Journal of Forest Research* 36: 1536-1550.

3. ***McEwan, R.W.**, R.N. Muller, R.D. Paratley and C.L. Riccardi. 2005. The vascular flora of an old-growth mixed mesophytic forest in southeastern Kentucky. *Journal of the Torrey Botanical Society* 132: 618-627.
2. ***McEwan, R.W.**, R.N. Muller and B.C. McCarthy. 2005. Vegetation-environment relationships among woody species in four canopy-layers in an old-growth mixed mesophytic forest. *Castanea* 70: 32-46.
1. ***McEwan, R.W.**, R.N. Muller, M.A. Arthur and H.H. Housman. 2000. Temporal and ecological patterns of flowering dogwood mortality in the mixed mesophytic forest of eastern Kentucky. *Journal of the Torrey Botanical Society* 127: 221-229.