



TREE Fund Research Published in 2017

TREE Fund grantees are noted in bold

Garcia Chance, Lauren M., **Arnold, Michael A.**, Hall, Charles R., and Carver, Sean T., 2017. Economic Cost-Analysis of the Impact of Container Size on Transplanted Tree Value. *Horticulturae*, 3(2), 29; doi: [10.3390/horticulturae3020029](https://doi.org/10.3390/horticulturae3020029).

Garcia Chance, Lauren M., **Arnold, Michael A.**, Lombardini, Leonardo, Watson, W. Todd, Carver, Sean T., and King, Andrew R., 2017. Landscape Establishment for Baldcypress, Red Maple, and Chaste tree is Delayed for Trees Transplanted from Larger Containers. *Journal of Environmental Horticulture*, 35(2), pp. 43–57.

Dropkin, E. **Bassuk, N.** and Signorelli, T. 2017 “Woody Shrubs for Water Retention Practices” 2nd edition July, 2017 .57 pages.

http://www.hort.cornell.edu/uhi/outreach/pdfs/woody_shrubs_stormwater.pdf

Sax, M.S., **Bassuk, N.**, van Es, H., Rakow, D., 2017 Long-Term Remediation of Compacted Urban Soils by Physical Fracturing and Incorporation of Compost, *Urban Forestry and Urban Greening* (2017), <http://dx.doi.org/10.1016/j.ufug.2017.03.023>.

Fini A., Frangi P., Mori J., Donzelli, D., Ferrini F., 2017. Nature Based Solutions to Mitigate Soil Sealing in Urban Areas: Results from a 4-year Study Comparing Permeable, Porous, and Impermeable Pavements. *Environmental Research*, 156: 443-454 (I.F. 3,088).

Tistechok S., Fedorenko V., **Gromyko O.** Screening of Actinomycetes – Potential Biocontrol Agents of Typical Trees Infections // *Visnyk of L'viv Univ. Biology Series.* – 2017. – Is. 75. – P. 119-126. <http://prima.lnu.edu.ua/faculty/biologh/wis/english.htm>

Hauer, R.J. and Peterson, W. 2017. Effects of Emerald Ash Borer on Municipal Forestry Budgets. *Landscape and Urban Planning* 157: 98 – 105. DOI 10.1016/j.landurbplan.2016.05.023.

Hauer, R.J. and Peterson, W. D. 2017. Tree Inventory Systems and Use in the United States. *Urban Tree Growth and Longevity Working Group Newsletter* – January 2017:1–8.

Rigsby, C.M., McCartney, N.B., **Herms, D.A.**, Tumilson, J.H., and Cipollini, D. 2017. Variation in the Volatile Profiles of Black and Manchurian Ash in Relation to Emerald Ash Borer Oviposition Preferences. *Journal of Chemical Ecology* 43:831-842.



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Showalter, D.N., Villari, C., **Herms, D. A.**, and Bonello, P. 2017. Drought Stress Increased Survival and Development of Emerald Ash Borer Larvae on Coevolved Manchurian Ash and Implicates Phloem-Based Traits in Resistance. *Agricultural and Forest Entomology*. DOI: 10.1111/afe.12240.

Kane, Brian. 2017. Forces Generated in Rigging Trees with Single and Co-Dominant Stems. *Urban Forestry and Urban Greening*. Vol 24. pp. 134-18.

Kane, B. 2017. Pruning. Chapter 27 In: *Routledge Handbook of Urban Forestry*. Ferrini, F., C. Konijnendijk van den Bosch, and A. Fini (Eds.). Taylor & Francis, NY, NY.

Ordóñez, C. 2017. De-Icing Salt Contamination Reduces Urban Tree Performance in Structural Soil Cells. *Environmental Pollution*. Vol. 234, pp. 562-571.
<https://www.sciencedirect.com/science/article/pii/S0269749117339891>.

Percival, Glynn. 2017. Can We Vaccinate Trees to Protect Against Diseases? Part I: The Science Behind the Theory. *Ontario Arborist Magazine*. June/July 2017, pp. 22-24.

Percival, Glynn. 2017. Can We Vaccinate Trees to Protect Against Diseases? Part II: Putting Science into Practice. *Ontario Arborist Magazine*. August/September 2017, pp. 20-22.

Percival, Glynn. 2017. Controlling Tree Diseases: Thinking Outside the Box. *ARB Magazine*. Issue 176, pp. 42-46. <https://www.bartletttree.co.uk/resources/Controlling-Tree-Diseases-Thinking-Outside-the-Box.pdf>

Sax, M.S. and **Scharenbroch, B.C.**, 2017. Assessing Alternative Organic Amendments as Horticultural Substrates for Growing Trees in Containers. *Journal of Environmental Horticulture*, 35(2), pp.66-78.

Scharenbroch, B.C., Carter, D., Bialecki, M., Fahey, R., Scheberl, L., Catania, M., Roman, L.A., Bassuk, N., Harper, R.W., Werner, L. and Siewert, A., 2017. A Rapid Urban Site Index for Assessing the Quality of Street Tree Planting Sites. *Urban Forestry & Urban Greening*, 27, pp.279-286.