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Education

The Ohio State University (BS, 1974)

Yale School of Forestry and Environmental Studies (MF 1976, PhD 1980)

Professional Experience

Curtis Hutchins Professor of Forest Resources (Quantitative Silviculture) 1987-Present (tenured 1990).

Research Interests

Canopy structure-stemwood growth relationships; ecological forestry; quantitative silviculture and modeling

Selected Publications -- Journal Articles and Book Chapters

Dean, T. J., S. D. Roberts, and **R. S. Seymour**. 2013. Toward developing a direct relation between gross volume increment and stand density. *Can. J. For. Res.* 43(9):852-860.

Waskiewicz, J., L. Kenefic, A. Weiskittel, and **R. S. Seymour**. 2013. Species mixture effects in northern red oak - eastern white pine stands in Maine, USA. *Forest Ecol Manage.* 298:71-81.

Guiterman, C. H., **R. S. Seymour**, and A.W. Weiskittel. 2012. Long-term thinning effects on the leaf area of *Pinus strobus* L. as estimated from litterfall and individual-tree allometric models. *Forest Science* 58:85-93.

Arseneault, J.E., M.R. Saunders, **R.S. Seymour**, and R.G. Wagner. 2011. First decadal response to treatment in a disturbance-based silviculture experiment in Maine. *For. Ecol. Manage.* 262:402-412.

MacLean, D.A., **R.S. Seymour**, M.K. Montigny & C. Messier. 2009. Allocation of conservation efforts over the landscape: the TRIAD approach. P. 283-303 In: Villard, M.A. and Jonsson, B.G. *Setting Conservation Targets for Managed Forest Landscapes*. Cambridge Univ. Press, NY, N.Y. 411 p.

Hofmeyer, P.V., **R.S. Seymour** and L.S. Kenefic. 2010. Production ecology of *Thuja occidentalis*. *Can. J. For. Res.* 40:1155-1164.

Moores, A.R., **R.S. Seymour**, and L.S. Kenefic. 2007. Height development of shade-tolerant conifer saplings in multi-aged Acadian forest stands. *Can. J. For. Res.* 37:2715-2723.

Seymour, R.S. 2007. Low-density management of white pine crop trees: a primer and short-term research results. *Northern Journal of Applied Forestry*: 24(4):301-306.

Fraver, S., **R.S. Seymour**, J.H. Speer, and A.S. White. 2007. Dendrochronological reconstruction of spruce budworm outbreaks in northern Maine, USA. *Can. J. For. Res.* 37:523-529.

Seymour, R.S., J. Guldin, D. Marshall, and B. Palik 2006. Large-scale, long-term silvicultural experiments in the United States. *Allgemeine Forst-und Jagdzeitung* 177:104-112

Seymour, R. S. and M.L. Hunter, Jr. 1999. Principles of Ecological Forestry. Ch. 2 (p. 22-61) In: *Managing Biodiversity in Forest Ecosystems*. M.L. Hunter, Jr., editor. Cambridge Univ. Press. 698 p.