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### **Education**

M.S. University of New Hampshire, 1995, Wildlife Ecology

B.S. University of Connecticut, 1983, Natural Resource Conservation

### **Current Research with Mariko Yamasaki, Bill Leak and Coeli Hoover** (Northern Research Station, Durham, NH):

- Size of opening effects on breeding bird abundance and occurrence in mixed-wood and conifer stands on the Bartlett Experimental Forest (BEF)
- Long-term patterns of abundance and occurrence in small mammal populations on the BEF
- Northern long-eared bat occupancy on the BEF as determined by bat acoustical surveys
- Nesting habitats of northern goshawks across managed and unmanaged stands in New Hampshire
- Abundance of northern goshawk and barred owl prey species as determined by winter track surveys
- LiDAR usage to predict early-successional forest bird habitat

### **Publications**

Yamasaki, M., C.A. Costello, and W.B. Leak. 2014. Effects of clearcutting, patch cutting, and low-density shelterwoods on breeding birds and tree regeneration in New Hampshire northern hardwoods. Res. Pap. NRS-26. Newtown Square, PA: USDA Forest Service, NRS. 15 p.

King, D.I., M. Yamasaki, R.M. DeGraaf, and C.A. Costello. 2011. Three decades of avian research on the Bartlett Experimental Forest, New Hampshire, U.S.A. In: Special Issue, Long-term Avian Research. Forest Ecology and Management. 262(1): 3-11.

Costello, C.A., M. Yamasaki, P.J. Pekins, W.B. Leak, and C.D. Neefus. 2000. Songbird response to group selection harvests and clearcuts in a New Hampshire northern hardwood forest. For. Ecol. Manage. 127: 41-54.

Yamasaki, M., T.M. McLellan, R.M. DeGraaf, and C.A. Costello. 2000. Effects of land-use and management practices on the presence of brown-headed cowbirds in the White Mountains of New Hampshire and Maine. Pages 311-319. In: Smith, J.N.M., T.L. Cook, S.I. Rothstein, S.K. Robinson, and S.G. Sealy (editors). Ecology and management of cowbirds and their hosts. Austin, TX: University of Texas Press. 388 p.

### **Professional Affiliations**

- The Wildlife Society
- Society of American Foresters