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Look for complete details in the June issue of The Forestry Source.
4 The Impact of Logging on Wildlife: A Study in Northeastern Pennsylvania

Todd S. Fredericksen, Brad D. Ross, Wayne Hoffman, Eric Ross, Michael L. Morrison, Jan Beyea, Michael B. Lester, and Bradley N. Johnson

Observing and protecting wildlife has long been a high priority among nonindustrial private landowners. A study finds that landowners can exercise some control over the types of wildlife that use their forest stands after harvesting.

11 Harvest Restrictions: An Analysis of New Capital Expenditures in the Pacific Northwest and the South

Hongshu Guan and Ian A. Munn

The immediate results of harvest restrictions in the Pacific Northwest are discussed and the long-term effects of these restrictions on capital investments in the forest products industry are explored.

18 Credentialing and Accreditation Programs: Taking the Forestry Profession to the Next Level

Nadine E. Block

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Peter E. Linehan, Deborah L. Miller, and Shibu Jose

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Steven A. Sader and Stephanie Vermillion

A comparison of remote sensing education between 1988 and 1998 reveals some shifts in emphasis, and the need to continue the dialogue between educators and employers in this fast-paced field.

38 Institutional Reform in Albania: Making Forest-Based Policies Work
Kozma Naka, A.L. Hammett, and William B. Stuart

As their country shifts to a market economy, Albanian policymakers must determine the most effective institutional framework for their forest and pasture administration. A partnership approach may be the best alternative.

Also inside...

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Habits of highly successful collaborators • Salmonid preservation • Selling silviculture • National program for aerial photography • Educating regulators • Restoring white pine in Michigan

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When the forestry students featured on our cover were studying at the Biltmore Estate in North Carolina, the forestry profession in the United States was just a decade old. At 100, it is interesting to consider the state of forestry education today. In this issue Block looks at accreditation and credentialing programs, Linehan et al. describe educational outreach through partnerships, and Sader and Vermillion look at the state of teaching state-of-the-art technology.

Core forestry values and skills such as wildlife preservation, forest use, economics, and policy continue to be a focus of both education and practice. Fredericksen et al. discuss the value of wildlife on nonindustrial private forestlands, and Guan and Munn examine how preserving a species has affected capital investment in forestry industries. Finally, Naka et al. describe Albania’s struggle to find the right administrative home for the country’s forestry program in the midst of political and economic upheaval.

About the cover: Students doing volume table work, Biltmore Forest School, Asheville, North Carolina. Courtesy of Forest History Society, Durham, North Carolina.
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2000

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Field Note—The Spread in Lump Sum Stumpage Price Bids
D.B. Kittredge Jr. and W. Haslam

Hardwood Tree Quality Development in the White Mountains of New Hampshire
P.E. Sendak, W.B. Leak, and W.B. Rice

The objective of this study was to assess tree-quality improvement for lumber production from initial cutting in a northern hardwood forest on the Bartlett Experimental Forest in New Hampshire that occurred about 40 years ago. In general, return of standing inventory in 1996, whether per acre or per mbf, was greater in the selection compartments, but one of the diameter limits had a significant volume of high value red oak timber that skewed its total value upward.

Ice and Forest Health
W.H. Smith

In January 1998, a major ice storm damaged millions of urban and rural forest acres in Maine, New Hampshire, Vermont, and New York. This article evaluates the storm’s influence on general northeastern forest health. It presents a diagnosis of the damage, a prognosis of short- and long-term effects, and a prescription for management and research opportunities.

Effect of Crown Growing Space on the Development of Young Hardwood Crop Trees
G.W. Miller

Crown release of individual crop trees can be used to increase the growth and competitiveness of selected trees in young hardwood stands. Codominant northern red oak, chestnut oak, black cherry, and yellow-poplar crop trees in stands 12 to 16 years old were given a crown-touching release by cutting all adjacent trees that touched the crown of a selected crop tree. A heavier thinning was also applied to black cherry and yellow-poplar crop trees on one study site. Stand and individual-tree response was monitored for control and treated plots for 10 years. Both release treatments increased periodic stand basal area growth and had a negligible effect on the proportion of high-value species among overstory trees. As total growing space increased, there was a positive effect on dbh, crown ratio, and crown diameter growth, and a negative effect on clear stem development. Total height growth was reduced by heavy release but not by the more moderate crown-touching release.

Field Note—Assessing the Characteristics of the Maple Syrup Industry in Pennsylvania to Aid in the Development of Extension Programs
M.C. Demchik, J.C. Finley, A.L. Davenport, and R.D. Adams

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