

Summary
of

Report on the Establishment of Natural Reproduction Plots
in Loblolly and Shortleaf Pines, and Mixed Hardwoods, Urania,
Louisiana, by W. R. B. Hine, Revision of September 1, 1923

RS 11
Ms-1, Southern
Urania

November 19, 1924

Natural Reproduction of Pine and Hardwoods
in Louisiana

That advance growth alone cannot be depended upon for a new crop of timber following cutting in at least some portions of the loblolly and shortleaf pine and mixed hardwood forests of north Louisiana, is the conclusion reached in a report just submitted by the Federal foresters of the Southern Forest Experiment Station. The report covers the establishment in 1922 of an experiment at Urania, La., to determine whether natural reforestation will follow a conservative cutting in this type.

Thirty-four acres of virgin pine and hardwoods, running 16 to 20 thousand feet, Scribner scale, to the acre, were cut by the Urania Lumber Company to a diameter limit of about twelve inches. The 34 acres were part of a large tract similarly cut. From 250 to 525 board feet of pine timber in trees over 12 inches, and from 1500 to 3300 board feet of mixed hardwoods, were left on the average acre after logging. The logs were either steam-skidded with a re-haul, or hauled to the tram with wagons. On part of the experimental area several methods of disposing of the slash, or tops, were given a trial. A month after logging was completed (in October, 1921) a hot fire consumed the thoroughly dry slash on more than half of the tract.

In the fall of 1922 Associate Silviculturist Lenthall

FILE COPY RETURN TO FILE
Inv-4 Research Division