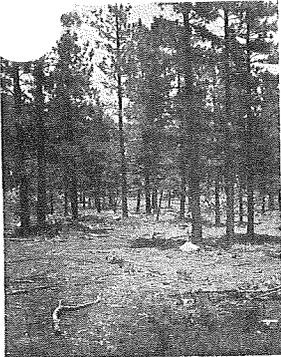


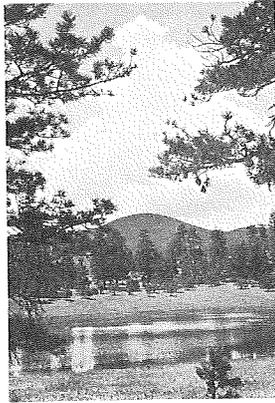
# Technical Notes Woodland Conservation



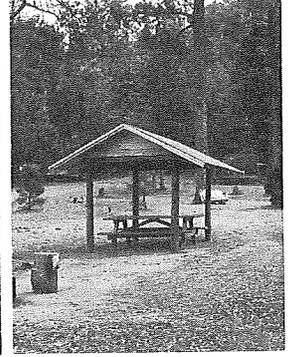
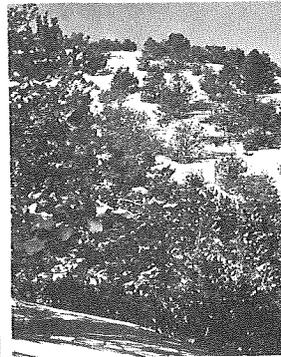
FOREST MANAGEMENT



WINDBREAKS



WATERSHEDS



FOREST RECREATION

U. S. DEPARTMENT OF AGRICULTURE NEW MEXICO SOIL CONSERVATION SERVICE

WOODLAND NOTE NO. 6

July 17, 1964

SUBJECT: SAP IN A TREE - DOES IT "RISE" IN THE SPRING AND "GO DOWN" IN THE FALL?

Every once in a while we hear reference to the sap in a tree "rising" or "going down." Such remarks are often tied in with management practices or seasonal activities. It is about time that we know the facts in this matter.

Although it is a common belief that sap in a tree "rises" in the spring and "goes down" in late fall, such is not the case. The real difference, according to the Forest Products Laboratory, is that sap is moving or circulating in the spring and summer. It is present in the tree the year round.

By actual weighing, logs are heavier in the winter than in the spring, evidencing that they have more sap in the inactive season. If the sap were "down," trees could not freeze in the winter - as they often do, with loud "cracks."