

ferent parts of the country contain different amounts of wood.

*They Find an Old "Blaze."*

When the Boy had watched this for some time, the Jinnee, who was really one of the scholars of the Forest School, said he would catch up with some of the other parties and the Boy stuck to his friend. From the glimpses which he got of the sun the Boy thought they were going north, but the scholar did not go in a straight line, but looked for different things here and there on his journey. He went forward so many paces and looked for a blaze. This showed the Boy that all these woodsmen know how far they step and by scouting their steps can tell how far they travel. In this case

stake rots in the course of years and is lost, and if he uses (as he generally does) a "blaze" on a tree the bark will cover over the wound or "blaze," and then the next surveyor in order to pick up the cornered must carefully take the bark from a part of two or three trees, that stand just about the point, in order to find the old mark.

On the way they came up with a party, under one of the teachers, studying dendrology, that is, the natural history and characteristics of the different trees so that at any time of the year they could distinguish one tree from another. In the case of the most common trees this is not difficult, but with those less frequently met with the work requires close attention and study.



"This was the Lumber Camp."

they found the "blaze" but it had been made so many years before that the bark had to be taken from a certain part of a big tree to find it. This is one of the difficulties of woods surveying. If the surveyor uses a stake to mark points, the

The Boy counted up how many trees he could surely name.

*Telling the Distances.*

Leaving this party they went on again into the forest. The sun went under a cloud and then all direc-