

mating" the timber on the "south forty" which the Boy was told meant a certain square of forty acres. Others were to study Dendrology, which is the natural history of trees. Still others were to chop down such a number of trees of different sizes and measure them.

One thing that struck the Boy particularly was the care they took to extinguish their fire. It was only a little fire to begin with and it seemed all burned out but they soused it with pail after pail of water from the brook till the cinders were swimming in water. That was the way, they said, to keep out forest fires.

In a few minutes they were all at work. The tree-felling was to be done near at hand and the Boy first watched this. The scholars of the Forest School took up their sharp axes, and saws. One cut a nick in one side of a tree with an axe and then two others sawed into the tree from the other side. They soon had



the trees they selected crashing down through the other trees of the forest. Then they took their saws and sawed the trees into logs of different lengths and peeled the bark from these logs. After this they carefully measured the logs and the Boy found that this was done to make the "estimate" more exact, since trees of the same height and the same diameter growing in dif-



"They came up with a party under one of the teachers studying the natural history and characteristics of the trees."