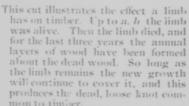


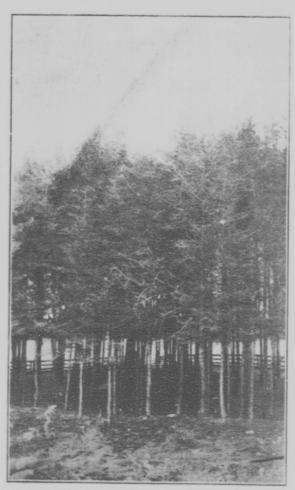
erior quality. The forester follows two methods in producing wood crops. Natural regeneration, when the crop is established by the action of nature, that is, the trees are produced by seed falling from the mother trees or the shoots coming from the stump left after cutting, artificial regeneration, where the crop is established by man either sowing the seed or planting the young tree. For our needs in Ontario both methods will necessarily be followed owing to natural and economic conditions.

Successful natural regeneration of the conifers such



yet small and while the diameter of the tree is very small. This produced in time a tree with a long, clean stem. The "second growth" of white pine in many cases is composed of trees growing in the open and producing large, lower limbs, will not drop off for years to come. This produces very knotty timber.

Nature will, in time and on most situations, give us a second crop of trees but she is not particular as to kind, quality or quantity. On the other hand the forester endeavors to reproduce the most useful kinds and of a sup-



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