o handled it all $h$ was; if they ce, or even one w grower white
, and spruce (as ut for himself), to grow from tor; the drying Having sown a walnut nequire nts much sooner
me danger from , in the first part
le than the pine as they are less erence over pine is in the western oun says, all our

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s its weight presome hints on a , even teak; it is

Tho tree dies $g$ on the grourd. at, and then it is riled last wintor, tas decreasod sufimber, especially $o$ bo ascertained; tage and rendor est on account of
oplar (commonly ss, grow abont one hat tree nineteen at the foot; the roportion. ock in ahundance, \&c., \&c, are mad oplar. with; they woul of more valuabl and when bette ir wood turn ed
for the spiendid quality of its wood, and especially for the profits yielded by it every year, in the shapo of sugar. Farmors who are industrious enough to plant theiu, generally plant thom too large, under an erroneous impression that they will, thereby, gain time. They are at a great deal of trouble and expense in selecting them and getting them out of the woods and planting thom with extra precautions; large trees require strong staking to steady them against the winds, etc. Those trees, with their large roots broken, thoir rootlets torn, suddenly removed from the shelter, ander which they wero born and have always grown, are exposed to die in great numbers; the survivors linger for years before they can recuperate enough to go on with their growth; all this is rather discournging.

A cheaper way to raise a maple orchard is this: In the fall, after a heavy rain, f you go to any maple grove, you will find that the maple seodlings, with which the ground i, covered, as with a thick carpet, will pull up as easily as carrots with carcely any damage to tho littlo rootlets; in one hour you can collect hundrods of hom, if the ground is sufficiently wet and soft.

Plant them at once, in a corner of your garden in good mellow ground, about wo foet apart each way if you can dispose of that much room ; you can put at that ate, nine thousand two hundred and sixteen seedlings in one superficial acre,-a fine hursery sufficient to supply trees for fifty seven acres of maplo orehard; for the wants of a farmer a little corner of his garden will bo sufficient. Weed two or three timos iuring the summer with a light hoe, it will mellow the ground, at the same time, and is the little trees grow up, prune them into good shape.

In four years thoy will be fit for transplanting, about an average height of five ect, and the thickness of a man's thumb. Out of one hundred and fifty of those naple seedlings, treated as I have just describel, I did not lose one from any other ause but the gnawing of the bark by ficld mice in winter, which killed about half a ozen, and that can be provided against by trampling the snow round the stems, vhen it is damp.

Of course, in those four yoars they havo grown much more rapidly than if they ad remained in the woods choking one another, but that forced growth does not ppear to weaken them. The.u is no trouble nor loss in transplanting, their roots do ot run under those of big trees os whon you take them full grown, out of the woods; cre are no stones nor stumps to interfere. You can lift them up tenderly, and with good nized ball as you dig a rogular ditch in the soft ground parallel with the first w, and take them up from underneath, one by one, and row by row.

I think they will soon ovortake and pass maples raised and planted ten or twelve eet high. I cannot, as yot, assert this as a fact, as my experiments are of too late a ate ; kut there are strong grounds for expecting that it will be so, because they are customed to disponso with the sheltor afforded by the large forest trees, and they re so little hurt by the safe way in which they havo been transplanted, that their rowth is very little chocked, while the growth of a large treo is seriously checked by ranspenting, if the operation is not carried on with more care and expense than our

040 might write volumes on this question of planting trees, but there is a better ok tin printed books, out of which we can learn,-I mean the great book of nature. no duntry is that book written in grander types than in North America; we want on who can read $i t$, and teach ns how to read $i t$, and this leads me naturally to the nclision of my Report, the study of forestry.

STUDY OF ${ }^{\mathbf{W}}$ FORESTRY.
A requested by the Conncil, I have suggested a number of measures in this por the preservation of our forests, and have added some hints for the planting nevopes. But how can these measures, or luny others that may be deemed preterle bofried out without the help of men brought up to the profession of forestry? 0 vely question connected with our forests, we feel the want of a good staff of be planted wit
ecommends itself

