o handled it all h was; if they ce, or even one w grower white

and spruce (as ut for himself), er to grow from ter; the drying Having sown a walnut acquire nts much sooner

me danger from in the first part

le than the pine as they are less

ce.

oplar.

for the splendid quality of its wood, and especially for the profits yielded by it every year, in the shape of sugar. Farmers who are industrious enough to plant them, generally plant them 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 them with extra precautions; large trees require strong staking to steady them against the winds, etc. Those trees, with their large roots broken, their rootlets torn, suddenly removed from the shelter, under which they were 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 discouraging.

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 seedlings, with which the ground is covered, as with a thick carper, will pull up as easily as carrots with carcely any damage to the little rootlets; in one hour you can collect hundreds of hem, if the ground is sufficiently wet and soft.

Plant them at once, in a corner of your garden in good mellow ground, about wo feet apart each way if you can dispose of that much room ; you can put at that rate, nine thousand two hundred and sixteen seedlings in one superficial acre,-a fine as in the western of a farmer a little corner of his garden will be sufficient. Weed two or three times oun says, all our during 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 they will be fit for transplanting, about an average height of five

ce. In four years they will be fit for transplanting, about an average height of five some hints on a some hints on a even teak; it is oven teak; it is oven teak; it is oven teak; it is ause but the gnawing of the bark by field mice in winter, which killed about half a g on the ground. at, and then it is rdled last winter, as decreased suf-opear to weaken them. The solution of the woods choking one another, but that forced growth does not imber, especially o be ascertained; here are no stones nor stamps to interfere. You can lift them up tenderly, and with tage and rondor good sized ball as you dig a regular ditch in the soft ground parallel with the first eet on account of you, and take them up from underneath, one by one, and row by row. I think they will soon overtake and pass maples raised and planted ten or twelve

I think they will soon overtake and pass maples raised and planted ten or twelve oplar (commonly set high. I cannot, as yet, assert this as a fact, as my experiments are of too late a s, grow about one ate; but there are strong grounds for expecting that it will be so, because they are that tree nineteen coustomed to dispense with the shelter afforded by the large forest trees, and they at the foot; there so little hurt by the safe way in which they have been transplanted, that their roportion. rowth is very little checked, while the growth of a large tree is seriously checked by &c., &c, are made armen can afford.

Op might write volumes on this question of planting trees, but there is a better optar. The volumes on this question of planting trees, but there is a better with; they would bok then printed books, out of which we can learn,—I mean the great book of nature. of more valuable no sountry is that book written in grander types than in North America; we want and when better an who can read it, and teach us how to read it, and this leads me naturally to the ir wood turn ed ponchsion of my Report, the study of forestry.

STUDY OF FORESTRY.

A requested by the Council, I have suggested a number of measures in this t what appears the por br the preservation of our forests, and have added some hints for the planting orchards) and diewones. But how can these measures, or any others that may be deemed prefer-

he boarried out without the help of men brought up to the profession of forestry? be planted with O very question connected with our forests, we feel the want of a good staff of ecommends itself rest ficers, such as they have got in Europe, me trained specially in forestry