

trade, and consider it a destructive industry. Soon some other material will have to be found for peasants' shoes, rope and matting.

Of other varieties, *Nigra*, which we saw in the Munich Botanic Gardens, struck me as being a good tree, with dark, glossy leaf. The *vitifolia*, of the American nurseries, has a good leaf, but I did not see it in Europe. So has *dasystyla*. *Grandifolia* and a host of others have foliage too thin for our dry air. *Begoniaefolia* is not variegated enough to be ornamental, not in dry weather. *Aspenifolia* is a great curiosity, leaves torn and slashed irregularly, folded and indented, with scarcely two leaves alike; quite hardy at Proskau; fairly hardy at Riga. This is sometimes noted as *dissecta*.

Of the *white leaved* lindens, the *American*, which I have noted as a native tree as far north as the Hennepin Islands in Minnesota, is spoken of at Riga as the hardiest tree, and the largest tree. I believe it is rather erect in growth. The *Hungarian*, known there as *pannonica* (I suppose the *tomentosa* of Messrs. Simon-Louis) is not as hardy, not as erect in growth, more bright in color, more ornamental. Further south, at Vienna, in the Botanic Gardens, we find a variety marked *heterophylla*, of Ohio and Mississippi, 12 inches in diameter, semi-upright, more bright and white in foliage than the *T. Argentea* of Hungary alongside. The white leaved European lindens we did not see in the very severe climates. The *alba* of Hungary has not proved hardy with me at Abbotsford, still less so the *alba pendula* which winter kills at Riga. So we had better try the northern forms of the American white lindens.

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### ULMUS—Elm.

In Europe they have overlooked the grandest of all American trees, the white elm, a tree that thrives in climates even more severe than St. Petersburg and Moscow.

The *campestis* is not indigenous at St. Petersburg, as I had said, nor is it hardy there, but *Effusa* is. In the southern part of the Government of Moscow, both *effusa* and *montana* are found