

Russia. This wide distribution has been developed through cultivation, which has also brought the species into America. The latter has a somewhat similar distribution, though it carries the genus up to a higher northern limit than does the *M. alba*. The only indigenous representative we have of this genus is to be found in *M. rubra*, the red mulberry, which, however, is not indigenous to Canada, except, perhaps, in the extreme south, as it reaches its northern limit of distribution about the head of Lake Champlain.

ULMUS CAMPESTRIS—SM. EUROPEAN ELM.

Syn. : *U. vulgaris*—PLANCH.

U. glabra—MAX. & RUPR.

Japanese : Kobuniri.

Hab : Hakone, central Honshiu and throughout Yezo. Also through lower district of Siberia (Max).

This well known elm is found throughout Yezo and serves as a conspicuous feature of the forests. Maximowicz refers to two forms, var. *denudata* (*vulgaris* Led), and var. *suberosa alata* (*suberosa* Led), both of which are to be met with in Yezo, and they are also spoken of by Maximowicz as occurring on the lower Amoor. The root of *U. campestris* becomes very porous when well dried, and because of this and the fact that it is not too soft, while it is readily inflammable, the Ainos make use of it for the production of fire by the old method of friction—the rapid rotation of one stick upon another.

ULMUS MONTANA—WILD.

Var. *laciniata*—TRAUTV.

Syn. : *U. major* var. *heterophylla*—MAX. & RUPR.

Japanese : Ohiyo.

Hab : Mountain woods of Yezo. Lower Amoor (Max).

A fine tree 40 to 60 feet high, with large and rather dense foliage. Leaves obovate, three lobed. The bark is very fibrous and largely used by the aborigines in northern Japan and Siberia as a source of material for the manufacture of cloth, of which their clothing is almost exclusively made. The tree is widely distributed through the woods of Yezo, being found on the alluvium of the upper valleys and running up the mountain slopes for a considerable distance.

ZELKOWA KEAKI—SIEB.

Syn. : *Planera acuminata*—LINDL.

Planera Japonica—MIQ.

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