

Euonymus is well represented on the Asiatic continent by four species, which are abundant in the Amoor district of south-eastern Siberia, one of which, *E. Alatus*, is probably to be found in Yezo. From the Amoor westward, the genus probably crosses Asia along the southern confines of Siberia into the Urals, and southward into the Caucasus, where the greatest number of species appear; thence through central and southern Russia into Europe. Two species are indigenous to eastern North America, viz.: *E. atropurpureus* and *E. Americanus*, both of which are found within Dominion limits.

CELASTRUS ARTICULATUS—THUNB.

Japanese: Tsuru mume modoki.

Hab: Kiushiu, central Honshiu, and Yezo.

A bushy vine growing 4-6 feet high and then falling over or climbing on other plants. Flowers green and somewhat abundant, but of no special ornamental value. Fruit scarlet like that of our common bittersweet, *C. scandens*. This vine is found abundantly in the woods throughout Yezo. It is the only northern species, though there are others common in Honshiu and southward. From its somewhat shrubby habit of growth it is easy to train it into very desirable forms, and it would, in all probability, prove quite an addition.

Of the seven species of *Euonymus* known in Japan, only two occur within the limits of Yezo.

EUONYMUS JAPONICUS—THUNB.

Japanese: Isu kurogi.

Hab: Kiushiu (Thunberg), central Honshiu (Savatier), and Hakodate, as well as through Yezo.

A shrubby tree 10-15 feet high, with shining, bright green leaves, and whitish flowers. This species is rather common along the high banks of streams in southern Yezo, associated with the next. It is cultivated in the United States as Chinese box and proves hardy South, though it is treated as a greenhouse plant in the north.

EUONYMUS SIEBOLDIANUS—FR. & SAV. (?)

Syn.: *E. Europeus*—THUNB.

Japanese: Majumi.

Hab: Mountains of Kiushiu and through Yezo. (Small.)

A short shrub rather below the height of the preceding, bearing greenish flowers and orange red fruit. The leaves are ovate, $1\frac{1}{2}$ to

$2\frac{1}{2}$ inches
liar with
pean spin

EUONYMUS

Syn.: *E.*

Japan

Hab:

at Ussuri

So far

great nor

species a

of Siberia

tendency.

This w
representa
the Europ
Yezo incl
far the mo

Staphy
of the Old
Caucasus
represente
which, ho
the Japan

The ger
sented her
castanum,
United St
properly r
hardy.

By far t
our interes
Acer or th
both the E
connect th