

NAT. ORD. SAXIFRAGACEÆ.

A family well distributed through temperate and cold regions and well represented in Yezo by shrubby and climbing forms, embracing *Deutzia*, *Schizophragma* and *Hydrangea*.

The genus *Deutzia* is represented here only in cultivation by species introduced from China and Japan. *Schizophragma* has no representative, and has been known to America in cultivation for a very few years only. The *Hydrangeas* now common here in cultivation, are represented by indigenous species only in more southern latitudes. On the Asiatic continent, *Deutzia* is represented well to the north, in *D. parviflora* Bge. of the southern Amoor, thus giving the genus a much greater northern range than represented by its distribution in Yezo.

SCHIZOPHRAGMA HYDRANGIODES—SIEB. & ZUC.

Japanese: Tsuru demari.

Hab: Mountain woods of Kiushiu, Hakone and Yezo.

A very fine vine with showy foliage and flowers. In its distribution it is most abundant in Yezo, where it is very common in the woods of the valleys, rarely or never ascending the well-drained slopes. The vine often reaches great size, both with regard to length and diameter. It ascends trees much after the manner of the ivy, by developing numerous rootlets which penetrate the outer bark of the tree and thereby secure a very firm hold. The bark is very loose and shaggy. As an ornamental climber this vine has a just claim to consideration, both on account of its rich and heavy foliage, and the showy flowers. It was first introduced from Japan by Peter Henderson, I believe, though large quantities of seed were sent home by myself in 1878. It has been growing since that time at Amherst, Mass., where it has proved quite hardy, but it is found to be somewhat unsatisfactory on account of its very slow growth. Nevertheless, it is well worthy of introduction here on trial.

HYDRANGEA HORTENSIS—D.C.

Syn.: *H. Azisai* & *H. otoksa*—SIEB. & ZUC.

Var. *acuminata*—GRAY.

H. acuminata—SIEB. & ZUC.

Japanese: Gasuko.

Hab: Kiushiu and central Honshiu. Common about Hakodate and in the mountains about Lake Konoma (Max.)

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