

479355-continued

JH-248-82. Japan. US National Arboretum. 51266. Collected October 01, 1982. Hokkaido Univ. Tomakomai Exp. Forest, Tomakomai-shi, Hokkaido. Lat. 42 deg. 38' N, Long. 141 deg. 39' E. Snow cover 40cm, ground freeze to 70cm. Minimum temperature -30C. Perennial vine climbing over bushes in woodland, 1.2-1.5m tall. Leaves dark green above with impressed veins, pale beneath with prominent veins. Calyx turning purplish, reflexed. Wild. Seed.

479356. *Convallaria keiskei* Miq. (Liliaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.
Received February 1983.

JH-15-82. Japan. US National Arboretum. 51033. Collected September 12, 1982. Sarobetsu Moor, Wakasakanai, Toyotomimachi, Teshio-gun, Hokkaido. Lat. 45 deg. 05' N, Long. 141 deg. 43' E. Growing in woodland under *Quercus mongolica* between highway and pasture. Several plants collected. Wild. Plants.

479357 TO 479358. *Cornus controversa* Hemsl. (Cornaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.
Received February 1983.

479357. JH-59-82. Japan. US National Arboretum. 51078. Collected September 17, 1982. Abashiri National Forest, Urbar, Abashiri-shi, Hokkaido. 230m. Snow cover 50cm or deeper for 20 days. Minimum temperature -29C. Tree deciduous, 6.1m tall. Branches tiered. Bark smooth, light gray. Leaves bright green above, silvery beneath. Fruit dark purplish black. Growing in woodland along roadside with *Ulmus* and *Morus*, in field no. 122. Seed from 2 trees. Wild. Seed.

479358. JH-85-82. Japan. US National Arboretum. 51104. Collected September 18, 1982. Shari National Forest, Utoro, Shari-machi, Shari-gun, Hokkaido. 200m. Lat. 44 deg. 03' N, Long. 145 deg. 0' E. Snow fall 2m per annum. Shrub deciduous, 12m tall. Branches tiered, dark brown. Bark nearly smooth, light gray. Leaves dark green above, glaucous beneath. Fruit nearly black but actually purple. Growing along rocky stream bank with *Ulmus*, *Quercus*,