

479596 TO 479597-continued

10 years ago from Nosapp Point (Tip of Nemuro Peninsula) where it was growing in wilderness. Cultivated. Seed.

479597. JH-208-82. Japan. US National Arboretum. 51231. Collected September 29, 1982. South slope of Mt Dairoku, Furano-shi, Hokkaido. 1300-1400m. Lat. 43 deg. 36' N, Long. 144 deg. 26' E. Snow cover 2.5m per annum. Minimum temperature -30C. Shrub deciduous, 2.5m tall, multistemmed from base. Leaves turning reddish in autumn. Fruit orange-red, globose, strongly lustrous. Growing on open wooded steep mountain slopes. Seed collected from several plants. Wild. Seed.

479598. *Spiranthes sinensis* (Pers.) Ames (Orchidaceae).

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-11-82. Japan. US National Arboretum. 51027. Collected September 11, 1982. Togeshita near Rumoi-shi, Hokkaido. 342m. Lat. 43 deg. 53' N, Long. 141 deg. 47' E. Snow cover 50cm or more for 73 days. Minimum temperature -23C. Perennial from white fleshy tubers, strict habit. Leaves erect. Flowers rose. Grassy balks by rice paddy, full sun on open hillside. Wild. Plants.

479599. *Staphylea humalda* DC. (Staphyleaceae).

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-143-82. Japan. US National Arboretum. 51165. Collected September 23, 1982. East, 7km of Kushiro along hwy 44, Kushiro-shi, Hokkaido. Lat. 42 deg. 59' E, Long. 144 deg. 27' E. Snow cover 50cm or deeper for 6 days. Minimum temperature -28C. Shrub deciduous, 1.8-2.5m tall. Multitrunked from base. Leaves dark green above, lighter beneath. Fruit purplish on one side. Growing on edge of woodland. Seed collected from 2 plants. Wild. Seed.

479600 TO 479601. *Styrax japonicus* Sieb. & Zucc. (Styracaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development