

479435 TO 479438-continued

479437. JH-326-82. Japan. US National Arboretum. 51345. Collected October 09, 1982. Along Kendo #1 hwy, Kansuizawa, Aomori-shi, Aomori-ken, Honshu. 730m. Lat. 40 deg. 39' N, Long. 140 deg. 50' E. Snow 2-3m; 58 days covered by snow 50cm or deeper. Minimum temperature -20C. Growing in wooded area. Cuttings from 2 male plants. Wild. Cuttings.

479438. JH-327-82. Japan. US National Arboretum. 51346. Collected October 09, 1982. Along Kendo #1 hwy, Kansuizawa, Aomori-shi, Aomori-ken, Honshu. 730m. Lat. 40 deg. 39' N, Long. 140 deg. 50' E. Snow 2-3m; 58 days covered by snow 50cm or deeper. Minimum temperature -20C. Shrub evergreen, 60-90cm tall, erect habit, stems green. Leaves coriaceous deep green above, pale beneath. Fruit dark red, globose. Growing in *Fagus crenata* woodland. Cuttings from two female plants. Wild. Cuttings.

479439. *Ilex macropoda* Miq. (Aquifoliaceae).

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.
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JH-390-82. Japan. US National Arboretum. 51412. Collected October 15, 1982. Foot of Mt Nyokoo, near Zyakko Falls, Nikko, Tochigi-ken, Honshu. Tree deciduous, 7.5m tall. Branches wide spreading. Bark smooth, whitish to gray. Leaves dark green above with impressed veins, pale beneath and lustrous. Fruit purplish red, sweet to taste. Growing in woodland on dry ridge. Wild. Seed.

479440 TO 479442. *Ilex rugosa* F. Schmidt (Aquifoliaceae).

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.
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479440. JH-20-82. Japan. US National Arboretum. 51039. Collected September 14, 1982. Dune Forest, Wakaisakanai, Toyotomi-machi, Teshio-gun, Hokkaido. Lat. 45 deg. 05' N, Long. 141 deg. 43' E. Shrub evergreen, decumbent, 31-38.7cm. Branches rooting along, greenish. Leaves dark green above, rugose, light green beneath. Fruits orange-red. Growing with *Viburnum furcatum*, *Abies sachalinensis*, *Magnolia*, *Quercus mongolica*, *Acanthopanax*, *Kalopanax*.