

479455. *Juniperus chinensis* L. (Cupressaceae) Chinese juniper.

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-180-82. Japan. US National Arboretum. 51197. Collected September 27, 1982. Manabe Teien, Inada-machi, Obihiro-shi, Hokkaido. Lat. 42 deg. 55' N, Long. 143 deg. 12' E. Snow cover 16 days 50cm or deeper. Minimum temperature -35C. Tree evergreen, 6m tall, branched near base into several main trunks, upright, very dense habit. Leaves dark green. Fruit glaucous. Growing in nursery 100 years. Originally from Korea. Cultivated. Cuttings.

479456 TO 479458. *Juniperus chinensis* var. *sargentii* Henry (Cupressaceae) Juniper.

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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479456. JH-76-82. Japan. US National Arboretum. 51095. Collected September 18, 1982. Shari National Forest, Utoro, Shari-machi, Shari-gun, Hokkaido. 350m. Lat. 44 deg. 03' N, Long. 145 deg. 0' E. Snow fall 2m per annum. Bush upright, 1 m tall, densely branched, stem base 4cm. Growing in sunny location on open cliff of mixed forest with same trees as JH-75. Seed collected from several plants. Wild. Seed.

479457. JH-170-82. Japan. US National Arboretum. 51112. Collected September 18, 1982. Forestry Headquarters Garden, Shari-machi, Shari-gun, Hokkaido. Lat. 43 deg. 55' N, Long. 144 deg. 44' E. Snow cover 2m per annum. Shrub evergreen, densely branched, spreading habit, 1.2m tall. Leaves bright green. Fruit glaucous. Transplanted from nearby mountains. Cultivated. Seed.

479458. JH-171-82. Japan. US National Arboretum. 51113. Collected September 18, 1982. Forestry Headquarters Garden, Shari-machi, Shari-gun, Hokkaido. Lat. 43 deg. 55' N, Long. 144 deg. 44' E. Snow cover 2m per annum. Shrub evergreen, densely branched, spreading habit, 1.2m tall. Leaves bright green. Fruit glaucous. Transplanted from nearby mountains. Cultivated. Cuttings.