

479545-continued

Obihiro-shi, Hokkaido. Lat. 42 deg. 55' N, Long. 143 deg. 12' E. Snow cover 16 days 50cm or deeper. Minimum temperature -35C. Cultivated. Plants.

479546 TO 479548. *Rhododendron brachycarpum* D. Don (Ericaceae).

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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479546. JH-164-82. Japan. US National Arboretum. 51186. Collected September 25, 1982. SW slope of Mt Iwo, Teshikaga-machi, Kawakami-gun, Hokkaido. Lat. 43 deg. 36' N, Long. 144 deg. 26' E. Snow 60cm per annum. Minimum temperature -25C. Shrub evergreen, 1.8-2.5m tall, multitrunked from base. Stems dark brown, scaly. Leaves coriaceous, deep green above, whitish to brownish beneath, petioles whitish. Growing on open bushy slopes covered predominantly with *Pinus pumila*. Seed collected from several plants. Wild. Seed.

479547. JH-178-82. Japan. US National Arboretum. 51195. 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. Slow growing, round leaf. Mother plants originated in Erimo area. Cultivated. Plants.

479548. JH-351-82. Japan. US National Arboretum. 51370. Collected October 10, 1982. Arboretum, Mt Hakkoda Bot. Lab., Tohoku Univ., Sukayu, Aomori-shi, Aomori-ken. Lat. 40 deg. 37' N, Long. 140 deg. 56' E. Snow 2-3m; 58 days covered by snow 50cm or deeper. Minimum temperature -20C. Seed collected from several plants. Wild. Seed.

479549 TO 479551. *Rhododendron dauricum* L. (Ericaceae).

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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479549. JH-57-82. Japan. US National Arboretum. 51075. Collected September 16, 1982. Yard of Hokkaido Univ., Uryu Forest, Tokuda (rd no.40) Nayoro-shi, Hokkaido. Lat. 44 deg. 20' N, Long. 142 deg. 27' E. Snow cover 1.5-2.5m per annum. Minimum temperature -35C. Shrubs originally wild in Kyushu University Forest in Ashiyoro. Cuttings from 6