

**479419 TO 479421-continued**

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479419. JH-17-82. Japan. US National Arboretum. 51036. Collected September 14, 1982. Wakasakanai, Toyotomi-machi, Teshiogun, Hokkaido. Lat. 45 deg. 04' N, Long. 141 deg. 35' E. Perennial densely tufted, stout habit 31-92cm tall. Leaves erect, light green. No flowers. Growing in wet meadow 0.7km from beach. Several plants collected. Wild. Plants.

479420. JH-103-82. Japan. US National Arboretum. 51125. Collected September 19, 1982. S of hwy 344, E of pass toward Lake Rausu, Rausu-cho, Menashi-gun, Hokkaido. 675m. Lat. 44 deg. 03' N, Long. 145 deg. 10' E. Snow cover 1.5m per annum. Minimum temperature -20C. Growing in sphagnum bog (same as JH-104). Seed collected from several plants. Wild. Seed.

479421. JH-104-82. Japan. US National Arboretum. 51126. Collected September 19, 1982. S of hwy 344, E of pass toward Lake Rausu, Rausu-cho, Menashi-gun, Hokkaido. 675m. Lat. 44 deg. 03' N, Long. 145 deg. 10' E. Snow cover 1.5m per annum. Minimum temperature -20C. Growing in sphagnum bog (same as JH-103). Wild. Plants.

**479422 TO 479425. *Hydrangea macrophylla* (Thunb.) Ser. var. *macrophylla* (Saxifragaceae).**

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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479422. JH-291-82. Japan. US National Arboretum. 51310. Collected October 06, 1982. Mori National Forest, Akaigawa, Mori-machi, Kayabe-gun, Hokkaido. 390m. Lat. 42 deg. 0' N, Long. 140 deg. 39' E. Snow cover for 2 days by 50cm or deeper. Minimum temperature -18C. Seed collected from one plant. Wild. Seed.

479423. JH-292-82. Japan. US National Arboretum. 51311. Collected October 06, 1982. Mori National Forest, Akaigawa, Mori-machi, Kayabe-gun, Hokkaido. 390m. Lat. 42 deg. 0' N, Long. 140 deg. 39' E. Snow cover for 2 days by 50cm or deeper. Minimum temperature -18C. Cuttings collected from one plant. Wild. Cuttings.

479424. JH-304-82. Japan. US National Arboretum. 51325.