

479323 TO 479325-continued

gun, Hokkaido. Snow cover 60cm per annum. Minimum temperature -25C. Tree up to 12m tall. Growing on NE beach of Lake Kusharo. Wild. Seed.

479326 TO 479327. *Betula platyphylla* var. *japonica* (Miq.) Hara (Betulaceae).

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.

479326. JH-52-82. Japan. US National Arboretum. 51070. Collected September 15, 1982. Hokkaido Univ., Uryu Forest, Moshiri, Horokarai-cho, Uryu-gun, Hokkaido. Snow cover 1.5-2.5m per annum. Minimum temperature -35C. Tree deciduous, 20m tall. Branch ends pendulous. Bark nearly smooth, white. Leaves lustrous, dark green above. Common in woodland, growing with *Sasa* by field marker 320. Seed collected from one tree. Wild. Seed.

479327. Japan. US National Arboretum. 51421. Hokkaido (Federal) Forest Breeding Station, Hokkaido. Sent to US National Arboretum by M. Kawase. Collected in Kagura, Asahikawa-shi. Seed.

479328. *Betula tatewakiana* M. Ohki & S. Watanabe (Betulaceae).

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-253-82. Japan. US National Arboretum. 51271. Collected October 03, 1982. Botanic Garden, Hokkaido Univ., Sapporo-shi, Hokkaido. Lat. 43 deg. 03' N, Long. 141 deg. 22' E. Snow cover 50cm or deeper for 55 days. Minimum temperature -24C. Shrub deciduous, 2.7m tall, branched from base. Leaves grayish green above, light green beneath. Seed collected from one plant. Cultivated. Seed.

479329. *Buckleya lanceolata* (Sieb. & Zucc.) Miq. (Santalaceae).

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.