

479440 TO 479442-continued

Seed from several plants. Wild. Seed.

479441. JH-82-82. Japan. US National Arboretum. 51101. Collected September 18, 1982. Shari National Forest, Utoro, Shari-machi, Shari-gun, Hokkaido. Lat. 44 deg. 03' N, Long. 145 deg. 0' E. Snow fall 2m per annum. Growing with trees similar to JH-75. Seed collected from several plants. Wild. Seed.

479442. JH-112-82. Japan. US National Arboretum. 51133. Collected September 21, 1982. Dune forest, Shunkunitai, Nemuro-shi, Numuro Hanto, Eastern Hokkaido. Lat. 43 deg. 18' N, Long. 145 deg. 36' E. Snow cover 50cm or deeper for 30 days. Minimum temperature -23C. Shrub evergreen decumbent, 25-30cm tall. Stems declined. Twigs green. Leaves deep green above, lighter beneath. Fruit bright red. Growing in mixed woodland. Seed collected from several plants. Wild. Seed.

479443 TO 479446. *Ilex sugerokii* Maxim. (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.  
Received February 1983.

479443. JH-102-82. Japan. US National Arboretum. 51124. 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. Shrub evergreen, 1-1.8m tall, multistemmed from base. Branches dense. Leaves subcoriaceous, lustrous above, light green beneath. Fruit red, lustrous. Growing in open woodland in sunny situation. Seed collected from several plants. Wild. Seed.

479444. JH-347-82. Japan. US National Arboretum. 51366. 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 cover 2-3m, 58 days covered by 50cm or deeper. Minimum temperature -20C. Seed collected from several plants. Wild. Seed.

479445. JH-348-82. Japan. US National Arboretum. 51367. 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 cover 2-3m, 58 days covered by snow 50 cm or deeper. Minimum temperature -20c. Cuttings taken from male plants. Wild. Cuttings.

479446. JH-349-82. Japan. US National Arboretum. 51368.