

479254-continued

JH-391-82. Japan. US National Arboretum. 51409. Collected October 15, 1982. Mt Idzura, near shrine of Idzura-Kam-non-Son, Tochigi-shi, Tochigi-ken, Honshu. 150m. Honshu. Tree deciduous, small, 9m tall. Branches wide spreading. Bark smooth, dark gray. Samaras light green. Growing in woodland above stream on a ledge under *Crytomeria japonica*. Wild. Seed.

479255 TO 479259. *Acer caudatum* subsp. *ukurunduense* (Trautv. & C.A. Mey.) E. Murr. (Aceraceae).

From Japan. Collected by Kawase, H.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.

Received February 1983.

479255. JH-45-82. Japan. US National Arboretum. 51063. 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. Near road 275. Bush growing along stream with *Sasa*, to 10 ft. Seed from 2 plants. Received as *Acer ukurunduense*. Wild. Seed.

479256. JH-93-82. Japan. US National Arboretum. 51115. 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, deciduous, 2.5m tall. Branches open. Bark smooth, light gray. Leaves dark green above, gray green beneath. Growing in open woodland along stream, fairly common. Seed collected from many plants. Received as *Acer ukurunduense*. Wild. Seed.

479257. JH-114-82. Japan. US National Arboretum. 51138. Collected September 22, 1982. Akkeshi Prefectural Forest, Hichirippu, Hamanaka-machi, Akkeshi-gun, Hokkaido. 650m. Lat. 43 deg. 04' N, Long. 145 deg. 05' E. Snow cover 40cm, deepest 1.3m. Minimum temperature -20C. Tree deciduous, small, 8m tall, upright habit. Bark smooth, light gray. Leaves dark green above, gray green beneath, petioles often dark reddish, as well as twigs. Inflorescence nearly erect, somewhat arching in fruit. Growing in mixed woodland in field 47. Seed collected from one tree. Received as *Acer ukurunduense*. Wild. Seed.

479258. JH-156-82. Japan. US National Arboretum. 51178. Collected September 24, 1982. W side of Lake Kusharo, Urankoshi, Teshikaga-machi, Kawakami-gun, Hokkaido. Lat. 43 deg. 34' N, Long. 144 deg. 19' E. Snow cover 60cm per annum. Minimum temperature -25C. Tree deciduous, small,