

479365-continued

Received February 1983.

JH-383-82. Japan. US National Arboretum. 51402.  
Collected October 12, 1982. Funatsu-en, Akashiba,  
Kawaguchi, Saitama-ken, Central Honshu. Leaves variously  
yellow variegated. Plant purchased. Cultivated. Plants.

479366 TO 479369. *Daphniphyllum macropodum* var. *humile* (Maxim.)  
Rosenth. (Daphniphyllaceae).

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.

479366. JH-88-82. Japan. US National Arboretum. 51107. Collected  
September 18, 1982. Shari National Forest, Utoro, Shari-  
machi, Shari-gun, Hokkaido. 200m. Lat. 44 deg. 03' N,  
Long. 145 deg. 0' E. Snow cover 2m per annum. Evergreen,  
low shrub, 1 m tall, gregarious. Leaves lustrous green  
above, glaucous green beneath. Fruit purple. Growing in  
semi-open place in woodland with *Ulmus*, *Quercus*, *Cornus*,  
*Sorbus*, yew, *Cercis*, *Abies*, and *Juglans*. Wild. Seed.

479367. JH-265-82. Japan. US National Arboretum. 51286.  
Collected October 05, 1982. Arboretum, Hokkaido Pref.  
Forest Exp Sta., Kikyo-machi, Hakodate-shi, Hokkaido. Lat.  
41 deg. 49' N, Long. 140 deg. 48' E. Snow cover 50cm or  
deeper for 2 days. Minimum temperature -18C. Cuttings  
collected from 1 m tall plant moved from Kikonai-machi  
where it was native. Cultivated. Cuttings.

479368. JH-315-82. Japan. US National Arboretum. 51323.  
Collected October 08, 1982. Tsuta Onsen, Towada-shi,  
Aomori-ken, Honshu. 470m. Snow cover 2-3m, 58 days 50cm  
or deeper. Minimum temperature -20C. Shrub evergreen,  
low, 60-90cm tall, growing from underground runners.  
Leaves lustrous above, blue green beneath. Fruit purple.  
Growing in deep woodland under *Fagus crenata*. Cuttings  
obtained from male plants. Wild. Cuttings.

479369. JH-314-82. Japan. US National Arboretum. 51334.  
Collected October 08, 1982. Tsuta Numa, Towada-shi,  
Aomori-ken, Honshu. Lat. 40 deg. 33' N, Long. 140 deg.  
58' E. Snow cover 2-3m, 58 days 50cm or deeper. Cuttings  
collected from a male plant. Wild. Cuttings.

479370 TO 479371. *Dianthus superbus* L. (Caryophyllaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.;