

PI 531635-continued

origin: New Zealand. **origin institute:** DSIR, Christchurch. **origin institute id:** 1239. **locality:** Auckland Province. **remarks:** Seed presented in 1971 by Dr. J.B. Hair. Increased in 1986. **received as:** *E. kirkii*. Wild. Seed.

PI 531636 to 531638. *Elymus mutabilis* (Drobov) Tzvelev POACEAE

Donated by: Dewey, D.R., Forage and Range Research Laboratory, USDA-ARS, Utah State University, Logan, Utah, United States. Received October 07, 1988.

PI 531636 **donor id:** D-2708. **origin:** China, Peoples Repub of. **collected:** August 14, 1980. **collector:** D.R. Dewey. **collector id:** D-2708. **locality:** Outlet, Tian Lake, approx. 100km NE of Urumqi, Xinjiang. **remarks:** Culms to 75cm. Glumes broad. Awnless. Increased in 1984. $2n=28$. Wild. Seed.

PI 531637 **origin:** Soviet Union. **origin institute:** Institute of Zoology and Botany, Tartu, Estonian S.S.R.. **locality:** Kamchatka Region of far-eastern USSR. **remarks:** Seed presented in 1971 by Dr. Vello Jaaska. Increased in 1984. $2n=28$. Wild. Seed.

PI 531638 **donor id:** D-3526. **origin:** Pakistan. **other id:** H-4132. **locality:** S. Minapin, Gilgit. **remarks:** Seed presented in 1985 by Dr. Roland von Bothmer, Swedish Agricultural Univ., Svalov, Sweden. Increased in 1987. $2n=28$. Wild. Seed.

PI 531639. *Elymus mutabilis* (Drobov) Tzvelev subsp. *mutabilis* POACEAE

Donated by: Dewey, D.R., Forage and Range Research Laboratory, USDA-ARS, Utah State University, Logan, Utah, United States. Received October 07, 1988.

origin: Soviet Union. **origin institute:** Main Botanical Garden, Moscow. **origin institute id:** 1254. **remarks:** Seed presented in 1963 by Dr. J.R. Schaeffer, Univ. of Montana, Bozeman, Montana, U.S. Increased in 1987. $2n=28$. **received as:** *E. angustiglumis*. Cultivated. Seed.

PI 531640 to 531642. *Elymus mutabilis* var. *oschensis* (Nevski) Tzvelev POACEAE

Donated by: Dewey, D.R., Forage and Range Research Laboratory, USDA-ARS, Utah State University, Logan, Utah, United States. Received October 07, 1988.