

Table S1. Information on sampling localities and voucher specimens of ten newly sequenced *Eremurus* species.

№	Species	Sampling locality, Altitude, Latitude, Longitude, Collected date, Collector	General distribution and endemism	Voucher
1	<i>Eremurus inderiensis</i>	Near Bukhara-Khorezm high road, Khorezm, Uzbekistan, h=161 m, N 41.068596 E 61.974243, 03.05.2019, D. Abdullaev, D. Makhmudjanov	Central Asia (Kazakhstan; Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan): Northern and Southern deserts, Southern Pamir-Alay, Western Kopet-Dag; Afghanistan, East European Russia, Iran, Pakistan, West Siberia, China	ZD0742(KUN)
2	<i>Eremurus hissaricus</i>	Takhtakaracha, Samarkand, Uzbekistan, h=1276 m, N 39.185091 E 66.577403, 27.05.2017, D. Abdullaev, A. Uralov	Endemic to Central Asia (Uzbekistan and Tajikistan): Pamir Alay, Hissar range	DD11(TASH)
3	<i>Eremurus iae</i>	Vakhshivar, Denou, Surkhandrya, Uzbekistan, h=2007 m, N 38.354355 E 67.597321, 02.06.2019, D. Makhmudjanov, I. Juramurodov	Endemic to Central Asia (Uzbekistan and Tajikistan): Pamir Alay, Hissar range	ID093(KUN)
4	<i>Eremurus regelii</i>	Kumushkon, Tashkent, Uzbekistan, h=1695 m, N 41.213893 E 69.491614, 10.06.2017, D. Abdullaev, A. Uralov	Central Asia (Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan): Pamir-Alay, Tien Shan; North Afghanistan	DD09(TASH)
5	<i>Eremurus soogdianus</i>	Majrum, Nurata, Uzbekistan, h=717 m, N 40.577037, E 66.721646, 30.05.2016, D. Abdullaev, A. Uralov	Central Asia (Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan): Pamir-Alay, Tien Shan; North Afghanistan	DD13(TASH)
6	<i>Eremurus aitchisonii</i>	Surkhadarya, Uzbekistan, h=1532 m, N 38.240486 E 67.094156, 20.05.2016, D. Abdullaev	Central Asia (Kyrgyzstan, Tajikistan, Uzbekistan): Tien Shan, Pamir-Alay; Afghanistan, Pakistan,	DD02(TASH)
7	<i>Eremurus alberti</i>	Babatag, Chagam, Surkhadarya, Uzbekistan, h=901 m, N 38.161604 E 68.10252, 29.03.2019, D. Makhmudjanov	Central Asia (Kyrgyzstan, Tajikistan, Uzbekistan): Pamir-Alay; North Afghanistan	DD03(TASH)
8	<i>Eremurus lactiflorus</i>	Hayatsay, Nurata, Uzbekistan, h=1137 m, N 40.331377 E 66.434497, 30.05.2016, D. Abdullaev, A. Uralov	Endemic to Central Asia: (Kazakhstan; Kyrgyzstan; Uzbekistan): Tien Shan	DD07(TASH)
9	<i>Eremurus luteus</i>	Aktash, Sherobod, Surkhadarya, Uzbekistan, h=526 m, N 37.353780 E 66.473808, 10.03.2016, K. Tojibaev, M. Turginov	Central Asia: (Tajikistan, Turkmenistan, Uzbekistan); Afghanistan, Iran	DD01(TASH)
10	<i>Eremurus suworowii</i>	Babatag, Akmachit, Surkhadarya, Uzbekistan, h=1000 m, N 38.070680 E 68.133095, 20.04.2017, D. Abdullaev, A. Uralov	Central Asia: (Tajikistan, Uzbekistan) Pamir-Alay; North Afghanistan	DD04(TASH)